

ಕುವೆಂಪು



ವಿಶ್ವವಿದ್ಯಾಲಯ

ಶೈಕ್ಷಣಿಕ ವಿಭಾಗ, ವಿಶ್ವವಿದ್ಯಾಲಯ ಕಾರ್ಯಾಲಯ, ಕುವೆಂಪು ಶತಮಾನೋತ್ಸವ ಭವನ,
ಜ್ಞಾನ ಸಹ್ಯಾದ್ರಿ, ಶಂಕರಘಟ್ಟ - 577 451, ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲೆ.

Re-Accredited by NAAC with "A" Grade, Ranked 73rd place in NIRF-2019 & 45th Place at National Level in SCIMAGO Rankings

ಸಂಖ್ಯೆ:ಕುವಿ:ಶೈ:ಎಸಿ-6: :2021-22

ದಿನಾಂಕ:28-09-2021

2487

ಅಧಿಸೂಚನೆ

ವಿಷಯ:- 2021-22ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನ ನೂತನ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿಯನ್ನು
ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಬಗ್ಗೆ ಸ್ವೀಕರಣ.

ಉಲ್ಲೇಖ:- 1. ಈ ಕಛೇರಿ ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ:ಕುವಿ:ಶೈ:ಎಸಿ-6/1515/2021-22,
ದಿನಾಂಕ:25-08-2021.

2. ಸರ್ಕಾರದ ಆದೇಶ ಸಂಖ್ಯೆ:ಇಡಿ 260 ಯುಎನ್‌ಇ 2019(ಭಾಗ-1), ಬೆಂಗಳೂರು,
ದಿನಾಂಕ:15-09-2021.

2021-22ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನ ನೂತನ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವ ಸಂಬಂಧ ಸ್ನಾತಕ ಪದವಿ ಪ್ರವೇಶಾತಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಉಲ್ಲೇಖ (1)ರ ಅಧಿಸೂಚನೆಯಲ್ಲಿ ಸರ್ಕಾರದ ಮಾರ್ಗಸೂಚಿಯನ್ನು ಈಗಾಗಲೇ ಕಳುಹಿಸಿಕೊಡಲಾಗಿರುತ್ತದೆ. ಮುಂದುವರೆದಂತೆ ಉಲ್ಲೇಖ (2)ರ ಸರ್ಕಾರದ ನಡವಳಿಯಲ್ಲಿ ಮಾರ್ಗಸೂಚಿಯಲ್ಲಿನ ಕ್ರ.ಸಂ. 1 ರಿಂದ 3ಕ್ಕೆ ವಿವರಣೆ / ಸ್ವೀಕರಣವನ್ನು ನೀಡಿ ಅನುಬಂಧ - ಅ ರಲ್ಲಿ ಆದೇಶಿಸಲಾಗಿದ್ದು, ತತ್ಸಂಬಂಧವಾಗಿ ಸರ್ಕಾರವು ಹೊರಡಿಸಿರುವ ಉಲ್ಲೇಖಿತ (2)ರ ಆದೇಶವನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಂತರ್ಜಾಲದಲ್ಲಿ (www.kuvempu.ac.in) ಮಾಹಿತಿಗಾಗಿ ಪ್ರಕಟಿಸಿದ್ದು, ಅದರನ್ವಯ ಸೂಕ್ತ ಕ್ರಮಕೈಗೊಳ್ಳಲು ಈ ಮೂಲಕ ತಿಳಿಸಲಾಗಿದೆ.



ಉಪಕುಲಸಚಿವರು

ಉಪ ಕುಲಸಚಿವ

28/09/21

ಶೈಕ್ಷಣಿಕ ವಿಭಾಗ,

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ

ಜ್ಞಾನ ಸಹ್ಯಾದ್ರಿ, ಶಂಕರಘಟ್ಟ-577451.

ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲೆ.

RHS
28/09/21

ಗೆ,

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಸಂಯೋಜಿತ ಸ್ನಾತಕ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳಿಗೆ ಹಾಗೂ ಘಟಕ ಕಾಲೇಜುಗಳು,
ಶಿವಮೊಗ್ಗ, ಚಿಕ್ಕಮಗಳೂರು ಮತ್ತು ನೇರ ಆಡಳಿತಕ್ಕೊಳಪಟ್ಟ ಕಾಲೇಜು, ಶಂಕರಘಟ್ಟ.

ಪ್ರತಿಗಳು:

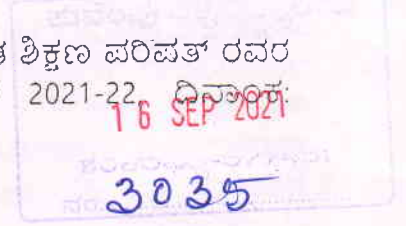
1. ಆಪ್ತ ಸಹಾಯಕರು, ಕುಲಪತಿಗಳು: ಕುಲಸಚಿವರು: ಕುಲಸಚಿವರು(ಪ): ಹಣಕಾಸು ಅಧಿಕಾರಿಗಳು, ಕುವೆಂಪು
ವಿಶ್ವವಿದ್ಯಾಲಯ, ಶಂಕರಘಟ್ಟ,
2. ಕಛೇರಿ ಪ್ರತಿ.

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ನಡವಳಿಗಳು



ವಿಷಯ: ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿಯನ್ನು ರಾಜ್ಯದಲ್ಲಿ ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಬಗ್ಗೆ ಸ್ಪಷ್ಟೀಕರಣ

ಓದಲಾಗಿದೆ: 1. ಸರ್ಕಾರದ ಆದೇಶ ಸಂಖ್ಯೆ: ಇಡಿ 260 ಯುಎನ್‌ಇ 2019 (ಭಾಗ-1), ದಿನಾಂಕ: 07.08.2021.
2. ಉಪಾಧ್ಯಕ್ಷರು, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್ ರವರ ಪತ್ರ ಸಂಖ್ಯೆ: ಕರಾಉಶಿಪ: ವಿಸಿಪಿ/9/ 2021-22 ದಿನಾಂಕ: 04.09.2021.



ಪ್ರಸ್ತಾವನೆ:-

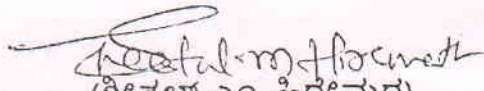
ಮೇಲೆ ಓದಲಾದ ಕ್ರಮ ಸಂಖ್ಯೆ: (1) ದಿನಾಂಕ: 07.08.2021ರ ಆದೇಶದಲ್ಲಿ, ಭಾರತ ಸರ್ಕಾರವು ಪ್ರಕಟಿಸಿರುವ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿಯನ್ನು ರಾಜ್ಯದ ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆಯಡಿಯ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು ಮತ್ತು ಸಂಯೋಜಿತ ಕಾಲೇಜುಗಳಲ್ಲಿ 2021-22ನೇ ಶೈಕ್ಷಣಿಕ ವರ್ಷದಿಂದ ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಮಾರ್ಗಸೂಚಿಗಳೊಂದಿಗೆ ಆದೇಶಿಸಲಾಗಿತ್ತು.

ಸದರಿ ಮಾರ್ಗಸೂಚಿಗಳಿಗೆ ಸಂಬಂಧಪಟ್ಟಂತೆ ಕೆಲವು ಸ್ಪಷ್ಟೀಕರಣಗಳನ್ನು ಈ ಕೆಳಗಿನಂತೆ ನೀಡಲು ಆದೇಶ.

ಸರ್ಕಾರದ ಆದೇಶ ಸಂಖ್ಯೆ: ಇಡಿ 260 ಯುಎನ್‌ಇ 2019 (ಭಾಗ-1),
ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 15.09.2021.

ಮೇಲೆ ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ವಿವರಿಸಿರುವ ಅಂಶಗಳನ್ನು ಕೂಲಂಕಷವಾಗಿ ಪರಿಶೀಲಿಸಿ, ಸರ್ಕಾರದ ದಿನಾಂಕ: 07.08.2021ರ ಆದೇಶದಲ್ಲಿನ ಅನುಬಂಧ-1ರಲ್ಲಿರುವ ಮಾರ್ಗಸೂಚಿಯಲ್ಲಿನ ಕ್ರಮ ಸಂಖ್ಯೆ 1 ರಿಂದ 3 ಕ್ಕೆ ವಿವರಣೆ / ಸ್ಪಷ್ಟೀಕರಣಗಳನ್ನು ನೀಡಿ ಅನುಬಂಧ-ಅ ರಲ್ಲಿರಿಸಿ ಆದೇಶಿಸಿದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆಜ್ಞಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ


(ಶೀತಲ್ ಎಂ. ಹಿರೇಮಠ)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ
(ವಿಶ್ವವಿದ್ಯಾಲಯ-1)
ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ

ರವರಿಗೆ,

1. ಮಹಾಲೇಖಪಾಲರು, ಕರ್ನಾಟಕ ಬೆಂಗಳೂರು.
2. ಸರ್ಕಾರದ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಗಳು, ಮುಖ್ಯ ಮಂತ್ರಿಗಳ ಕಛೇರಿ, ಬೆಂಗಳೂರು.
3. ಸರ್ಕಾರದ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಗಳು ಮತ್ತು ಅಭಿವೃದ್ಧಿ ಆಯುಕ್ತರು, ಬೆಂಗಳೂರು.
4. ಸರ್ಕಾರದ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಗಳು, ಆರ್ಥಿಕ ಇಲಾಖೆ, ಬೆಂಗಳೂರು.

2...

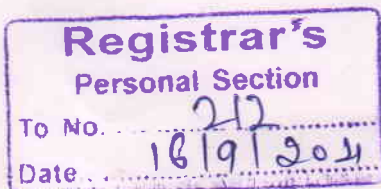

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17/9/21

xxx


17/9/2021





ಅನುಬಂಧ-ಅ

1. ಪ್ರಸಕ್ತ ವರ್ಷಕ್ಕೆ ಕಾಲೇಜುಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಬಿ.ಎ. ಅಥವಾ ಬಿ.ಎಸ್.ಸಿ. ಪದವಿ ಅಧ್ಯಯನಕ್ಕೆ ಆಯಾ ಕಾಲೇಜುಗಳಲ್ಲಿ ಲಭ್ಯವಿರುವ ಎರಡು ವಿಷಯಗಳನ್ನು (Discipline Core) ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು. ನಂತರ ಮೂರನೇ ವರ್ಷದ ಪ್ರಾರಂಭದಲ್ಲಿ ಈ ಎರಡು ವಿಷಯಗಳಲ್ಲಿ ಒಂದು ವಿಷಯವನ್ನು ಮೇಜರ್ ಆಗಿಯೂ, ಇನ್ನೊಂದು ವಿಷಯವನ್ನು ಮೈನರ್ ವಿಷಯವನ್ನಾಗಿಯೂ ಅಥವಾ ಎರಡೂ ವಿಷಯಗಳನ್ನು ಮೇಜರ್ ಆಗಿ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡು ಅಧ್ಯಯನ ಮಾಡಬಹುದು. ಮೂರನೇ ವರ್ಷದಲ್ಲಿ ಅಧ್ಯಯನ ಮಾಡಿದ ಒಂದು ಮೇಜರ್ ವಿಷಯವನ್ನು ನಾಲ್ಕನೇ ವರ್ಷದಲ್ಲಿ ಅಧ್ಯಯನ ಮಾಡಿ, ಆ ವಿಷಯದಲ್ಲಿ ಆನರ್ಸ್ ಪದವಿಯನ್ನು ಪಡೆಯಬಹುದು.

Open Elective ಆಯ್ಕೆ:

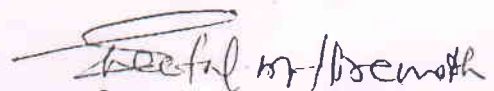
ವಿದ್ಯಾರ್ಥಿಯು ಮೊದಲ ವರ್ಷದ ಪ್ರಾರಂಭದಲ್ಲಿ discipline core ವಿಷಯಗಳ ಜೊತೆಗೆ ಒಂದು Open Elective (OE) ವಿಷಯವನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು. ವಿದ್ಯಾರ್ಥಿಯು ಮೊದಲನೇ ವರ್ಷ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡ ವಿಷಯದಲ್ಲಿಯೇ Open elective (OE) ಅನ್ನು ಮುಂದುವರಿಸಬಹುದು ಅಥವಾ ಪ್ರತಿಯೊಂದು ಸೆಮಿಸ್ಟರ್‌ನಲ್ಲೂ Open Elective ಅನ್ನು ಬೇರೆ ಬೇರೆ ವಿಷಯಗಳಲ್ಲಿ ತೆಗೆದುಕೊಂಡು ಅಧ್ಯಯನ ಮಾಡಬಹುದು.

2. ಪದವಿಯ ಮೊದಲ ಎರಡು ವರ್ಷಗಳ ನಾಲ್ಕು ಸೆಮಿಸ್ಟರ್‌ಗಳಲ್ಲಿ ಎರಡು ಭಾಷೆಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳು ಕಲಿಯಬಹುದಾಗಿದೆ. ಎರಡು ಭಾಷೆಗಳ ಪೈಕಿ ಒಂದು ಭಾಷೆಯಾಗಿ ಕನ್ನಡದ ಕಲಿಕೆಯನ್ನು ಎಲ್ಲಾ ನಾಲ್ಕು ಸೆಮಿಸ್ಟರ್ ಗಳಲ್ಲಿ ಕಡ್ಡಾಯಗೊಳಿಸಲಾಗಿದೆ. ಕನ್ನಡದ ಜೊತೆ ವಿದ್ಯಾರ್ಥಿಯು ತನ್ನ ಆಸಕ್ತಿಯ ಮತ್ತೊಂದು ಭಾಷೆಯನ್ನು ಕಲಿಯಬಹುದಾಗಿದೆ.

ಆದರೆ ಹೊರ ರಾಜ್ಯದ/ಹೊರದೇಶದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹಾಗೂ ಎರಡನೇ PUC ವರೆಗೆ ಯಾವುದೇ ಹಂತದಲ್ಲಿ ಕನ್ನಡವನ್ನೇ ಕಲಿಯದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವ್ಯಾವಹಾರಿಕ ಕನ್ನಡ (Functional Kannada) ವನ್ನು ಮಾತ್ರ ಮೊದಲ ವರ್ಷದ ಯಾವುದಾದರೂ ಒಂದು ಸೆಮಿಸ್ಟರ್‌ನಲ್ಲಿ ಕಲಿಯುವುದು ಕಡ್ಡಾಯವಾಗಿರುತ್ತದೆ. ಕನ್ನಡದ ಜೊತೆ ಈ ವಿದ್ಯಾರ್ಥಿಯು ತನ್ನ ಆಸಕ್ತಿಯ ಮತ್ತೊಂದು ಭಾಷೆಯನ್ನು ಕಲಿಯಬಹುದಾಗಿದೆ. ಭಾಷೆ ಕಲಿಯಬೇಕಾದ ನಾಲ್ಕು ಸೆಮಿಸ್ಟರ್‌ಗಳ ಪೈಕಿ ಇನ್ನುಳಿದ ಮೂರು ಸೆಮಿಸ್ಟರ್‌ಗಳಲ್ಲಿ ಸದರಿ ವಿದ್ಯಾರ್ಥಿಗಳು ತಮ್ಮ ಆಯ್ಕೆಯ ಯಾವುದೇ ಎರಡು ಭಾಷೆಗಳನ್ನು ಕಲಿಯಬಹುದಾಗಿರುತ್ತದೆ.

ವಿದ್ಯಾರ್ಥಿಗಳು ಮೇಲಿನಂತೆ ಭಾಷೆ/ಭಾಷೆಗಳನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳುವ ಸಂದರ್ಭದಲ್ಲಿ ಪ್ರತಿ ವರ್ಷ ಬೇರೆ ಬೇರೆ ಭಾಷೆ/ಭಾಷೆಗಳನ್ನು ಆಯ್ಕೆಮಾಡಿಕೊಳ್ಳುವ ಅವಕಾಶವಿರುತ್ತದೆ.

3. ವಿಷಯಾಧಾರಿತ ಸ್ನಾತಕ ಪದವಿ ಅಧ್ಯಯನಗಳಲ್ಲಿ (B.Com, BCA, BBA, BVA, BPA, etc.) ವಿಷಯ (Discipline core) ನಿರ್ಧರಿಸಿರುವಾಗಿದ್ದು, ಹಾಗಾಗಿ ಬಿ.ಎ., ಬಿ.ಎಸ್ಸಿ. ಪದವಿಗಳಲ್ಲಿ ಇರುವ ಹಾಗೆ ಬೇರೆ ಬೇರೆ ವಿಷಯಗಳನ್ನು (Discipline Core) ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳುವ ಅವಶ್ಯಕತೆ ವಿಷಯಾಧಾರಿತ ಪದವಿಗಳಲ್ಲಿ ಇರುವುದಿಲ್ಲ. ಅವರು ಕೇವಲ ಕನ್ನಡ ಮತ್ತು ಇತರ ಭಾಷೆಗಳನ್ನು ಮತ್ತು Open Electives ಗಳನ್ನು ಮೇಲೆ ಹೇಳಿರುವಂತೆ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡು ಅಧ್ಯಯನ ಮಾಡಬೇಕು.


(ಶೀತಲ್ ಎಂ. ಹಿರೇಮಠ)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿಗಳು

(ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು-1)

ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ

Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Bachelor of Arts (Basic/ Hons.)// Bachelor of Science (Basic/ Hons.)// Bachelor of Commerce (Basic/Hons.)// Bachelor of Business Administration (Basic/Hons.)//Bachelor of Social Works (Basic/Hons.)// Bachelor of Computer Applications (Basic/Hons.) etc.

The Government of India has notified NEP-2020 on July 29, 2020 based on Dr. Kasturirangan Committee's Report. The objective is to bridge the gap between the current system of education and what is required in the 21st century. It is to have Holistic and Multidisciplinary Under-Graduate Education to produce employable graduates with integrated personality.

The Government of Karnataka had constituted a Task to suggest an Implementation Framework for NEP-2020. It had also constituted two sub-committees, one on Curriculum Reforms in Higher Education and the other on Governance and Regulations.

The Task Force has suggested NEP-2020 Implementation Framework for Karnataka. The State Government has accepted the action plan and taken steps to implement NEP-2020, as per the Implementation Roadmap suggested by the Task Force.

The Sub-committee on Curriculum Reforms in Higher Education had suggested a Draft Curriculum Framework for Undergraduate Programs in various disciplines. The State Govt. had also constituted Faculty-wise Committees to consider this draft framework to formulate program structures in their faculties. These Committees have submitted their reports. The latter were considered in the meetings of all the Vice Chancellors. The following Model Program Structures were designed for various Under-Graduate Programs in Arts, Science, Commerce and Management. The Subject Committees constituted to design and draft the curriculum in their subjects have to follow these Model Program Structures. The Terminology used in these Program Structures are.

Discipline Core (DSC) refers to Core Courses/Papers in a Core Discipline/ Subject

Discipline Elective (DSE) refers to Elective Courses/Papers in the Core Subject or Discipline.

Open Elective (OE) refers to Elective Courses/Papers in a non-core Subject across all disciplines.

Program Structures also contain Ability Enhancement Compulsory Courses (AECC), Languages, Skill Enhancement Courses (SEC) (Both skills and value based). Pedagogy involves L+T+P model. Generally subjects with practical involve L+P, while the subjects without practical involve L+T model. The numbers in parentheses indicate credits allotted to various courses/papers as per definitions of Choice Based Credit System (CBCS). Generally 1 hour of Lecture or 2 hours of practical per week in a semester is assigned one credit. Generally core subject theory courses/papers will have 3 or 4 credits, while practical are assigned 2 or 3 credits.

I-A. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka Bachelor of Commerce (Basic/Hons.)/Bachelor of Business Administration (Basic/Hons.)/Bachelor of Social Works (Basic/Hons.) etc.

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE)/ Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill based (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
						Value based (Credits) (L+T+P)		
I	DSC-1 (4)	OE-1 (3)	L1-1(3), L2-1(3)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25	
	DSC-2 (4)							
	DSC-3 (4)							
II	DSC-4 (4)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental Studies (2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25	
	DSC-5 (4)							
	DSC-6 (4)							
Exit option with Certificate in Commerce/Business Administration/Computer Applications etc. (50 credits)								
III	DSC-7 (4)	OE-3 (3)	L1-3(3), L2-3(3)	SEC-2: Artificial Intelligence (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25	
	DSC-8 (4)							
	DSC-9 (4)							
IV	DSC-10 (4)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution of India (2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25	
	DSC-11 (4)							
	DSC-12 (4)							
Exit option with Diploma in Commerce/Business Administration/ Computer Applications etc. (100 credits)								
V	DSC-13 (4)	DSE-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22	
	DSC-14 (4)	Vocational-1 (3)						
	DSC-15 (4)							
VI	DSC-16 (4)	DSE-2 (3)		SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24	
	DSC-17 (4)	Vocational-2 (3)						
	DSC-18 (4)	Internship (2)						
Exit Option with Bachelor of Commerce/Bachelor of Business Administration/Bachelor of Computer Applications Degree (144 credits)								
VII	DSC-19 (4)	DSE-3 (3)					21	
	DSC-20 (4)	Vocational-3 (3)						
	DSC-21 (4)	Res. Methodology(3)						
VIII	DSC 22 (4)	DSE-4 (3)					20	
	DSC 23 (4)	Vocational-4 (3)						
		Research Project(6)*						
Award of Bachelor of Commerce/Bachelor of Business Administration/Bachelor of Computer Applications Honours Degree (185 credits),								

* In lieu of the research Project, two additional elective papers/ Internship may be offered.

L-B Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka
Bachelor of Commerce (Basic/Hons.) with Commerce as core subject

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)			Total Credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Com-C1 (4)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1)(0+0+2)	Health & Wellness (1) (0+0+2)	25
	Com-C2 (4)						
	Com-C3 (4)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
Exit option with Certificate in Commerce/Business Administration/Computer Applications etc. (50 credits)							
III	Com-C7 (4)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
	Com-C8 (4)			SEC-2: Artificial Intelligence (2)(1+0+2)/ Alternative SEC			
	Com-C9 (4)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)	Physical Education -Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
Exit option with Diploma in Commerce/Business Administration/ Computer Applications etc. (100 credits)							
V	Com-C13 (4)	Com-E1 (3)			Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
	Com-C14 (4)	Vocational-1 (3)					
	Com-C15 (4)	Com-E2 (3)			SEC-3: Cyber Security (2) (1+0+2)/ Alternative SEC		
VI	Com-C16 (4)	Vocational-2 (3)			Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
	Com-C17 (4)	Internship (2)					
	Com-C18 (4)						
Exit Option with Bachelor of Commerce Degree, B. Com. Degree (with a minimum of 144 credits)							
VII	Com-C19 (4)	Com-E3 (3)					21
	Com-C20 (4)	Vocational-3 (3)					
	Com-C21 (4)	Res. Methodology(3)					
VIII	Com-C22 (4)	Com-E4 (3)					20
	Com-C23 (4)	Vocational-4 (3)					
		Research Project(6)*					
Award of Bachelor of Commerce Honours Degree, B.Com.(Hons.) (with a minimum of 185 credits),							

*In lieu of the research Project, two additional elective papers/ Internship may be offered

I-C. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka
Bachelor of Computer Applications (Basic/Hons.) with Computer Applications as core subject

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
I	CA C-1 (3+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Alternative SEC in place of digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	26
	CA C-2 (3+2)				Health & Wellness (1) (0+0+2)	
	CA C-3 (3)					
II	CA C-4 (3+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	26
	CA C-5 (3+2)				NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	
	CA C-6 (3)					
Exit option with Certificate in Computer Applications (with a minimum of 52 credits)						
III	CA C-7 (3+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		Physical Education- Sports (1) (0+0+2)	26
	CA C-8 (3+2)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
	CA C-9 (3)					
IV	CA C-10 (3+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	26
	CA C-11 (3+2)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
	CA C-12 (3)					
Exit option with Diploma in Computer Applications (with a minimum of 100 credits)						
V	CA C-13 (3+2)	CA E-1 (3)			Physical Education- Sports (1) (0+0+2)	23
	CA C-14 (3+2)	Vocational-1 (3)			NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
	CA C-15 (3)					
VI	CA C-16 (3+2)	CA E-2 (3)			Physical Education - Sports (1) (0+0+2)	23
	CA C-17 (3+2)	Vocational-2 (3)			NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
	CA C-18 (3)					
Exit Option with Bachelor of Computer Applications Degree, BCA Degree (with a minimum of 144 credits)						
VII	CA C-19(3+2)	CA E-3 (3)				21
	CA C-20(3+2)	Vocational-3 (3)				
	Internship (2)	Res. methodology (3)				
VIII	CA C-21 (3+2)	CA E-4 (3)				20
	CA C-22 (3)	Vocational-4 (3)				
		Research Project(6)*				
Award of Bachelor of Computer Applications Honours Degree, BCA (Hons.) Degree (185 credits)						

* In lieu of the research Project, two additional elective papers/ Internship may be offered.

IIA. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka
Bachelor of Arts (Basic/ Hons.)// Bachelor of Science(Basic/ Hons.) in subjects with practical, with one major and one minor

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill based Courses (SEC)		Total Credits	
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(4+2) Discipline B1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Discipline A2(4+2) Discipline B2(4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)							
III	Discipline A3(4+2) Discipline B3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: Artificial Intelligence (2)(1+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Discipline A4(4+2) Discipline B4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits) OR Choose any one of the core subjects as Major and the other as Minor							
V	Discipline A5(3+2) Discipline A6(3+2) Discipline B5(3+2)	Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	Discipline A7(3+2) Discipline A8(3+2) Discipline B6(3+2)	Vocational-2 (3) Internship (2)			SEC-4: Professional Communication (2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit option with Bachelor of Arts, B.A./ Bachelor of Science, B.Sc. Basic Degree (with a minimum of 144 credits) or continue studies with the Major							
VII	Discipline A9(3+2) Discipline A10(3+2) Discipline A11(3)	Discipline A, E-1 (3) Discipline A, E-2 (3) Res.Methodology (3)					22
VIII	Discipline A12(3+2) Discipline A13(3) Discipline A14(3)	Discipline A, E-3(3) Research Project (6)*					20
Award of Bachelor of Arts Honours, B.A. (Hons.)// Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline (with a minimum of 186 credits)							

* In lieu of the research Project, two additional elective papers/ internship may be offered.

IIA. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Example: Bachelor of Science (Basic/ Hons.) etc. (with Botany & Zoology as subjects with practicals) with one major and one minor

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill based (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
					Value based (Credits) (L+T+P)		
I	Botany A1(4+2) Zoology B1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education for fitness(1)(0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Botany A2(4+2) Zoology B2(4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education - Yoga(1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1)(0+0+2)	25
Exit option with Certificate (50 credits)							
III	Botany A3(4+2) Zoology B3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)	Artificial Intelligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	25
IV	Botany A4(4+2) Zoology B4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	25
Exit option with Diploma in Science (100 credits) OR Choose any one of the core subjects as Major and the other as Minor							
V	Botany A5(3+2) Botany A6(3+2) Zoology B5(3+2)	Vocational-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	22
VI	Botany A7(3+2) Botany A8(3+2) Zoology B6(3+2)	Vocational-2 (3) Internship (2)		SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	24
Exit option with Bachelor of Science Degree, B. Sc. Degree in Science (with a minimum of 144 credits) or continue studies with the Major in the 4 th year							
VII	Botany e A9(3+2) Botany A10(3+2) Botany e A11(3)	Botany E-1 (3) Botany E-2 (3) Res. Methodology (3)					22
VIII	Botany e A12(3+2) Botany A13(3) Botany A14(3)	Botany E-3 (3) Research Project (6)*					20
Award of Bachelor of Science Honours Degree, B.Sc. (Hons.) Degree in Botany (with a minimum of 186 credits)							

*In lieu of the research Project, two additional elective papers/ Internship may be offered.

IIB. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Bachelor of Arts (Basic/ Hons.) in subjects without practical with one major and one minor

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill based (Credits) (L+T+P)		Skill Enhancement Courses (SEC)		Total Credits
				SEC-1: Digital Fluency (2) (1+0+2)	SEC-2: Artificial Intelligence (2) (1+0+2)	Value based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
I	Discipline A1(3), A2(3) Discipline B1(3), B2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1)(0+0+2)	Health & Wellness (1) (0+0+2)	25	
		OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)		25
III	Discipline A5(3), A6(3) Discipline B5(3), B6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)	Exit option with Certificate (50 credits)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25	
		OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)		25
V	Discipline A 9(4) Discipline A10(4) Discipline B 9(4)	Discipline A, E-1(3) Vocational-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22	
		Discipline A, E-2(3) Vocational-2 (3) Internship (2)		SEC-4: Societal Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)		24
VII	Discipline A-13(4) Discipline A-14(4) Discipline A-15(4)	Discipline A, E-3 (3) Vocational-3 (3) Res. Methodology (3)		Exit option with Bachelor of Arts, B.A. Basic Degree (with a minimum of 144 credits)			21	
		Discipline A, E-4 (3) Vocational-4 (3) Research Project (6)*						21

Award of Bachelor of Arts Honours, B.A. (Hons.) degree in a discipline etc. (with a minimum of 186 credits)

*In lieu of the research Project, two additional elective papers/ internship may be offered.

II B: Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Example: Bachelor of Arts (Basic/ Hons.) in subjects without practical with Economics as major and History as minor

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits	
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	History C1(3), C2(3) Economics C1(3), C2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	History C3(3), C4(3) Economics C3(3), C4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (48 credits)							
III	History C5(3), C6(3) Economics C5(3) C6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	History C7(3), C8(3) Economics C7(3), C8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Arts (100 credits) OR Choose any one of the core subjects as Major and the other as Minor							
V	History C9(4) Economics C9(4) Economics C10(4)	Economics E-1 (3) Vocational-1 (3)			Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	History C10(4) Economics C11(4) Economics C12(4)	Economics E-2 (3) Vocational-2 (3) Internship (2)			Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit option with Bachelor of Arts, B.A. Degree in History and Economics (with a minimum of 144 credits) or continue studies with the Major							
VII	Economics C13(4) Economics C14(4) Economics C15(4)	Economics E-3 (3) Vocational-3 (3) Res. Methodology (3)					21
VIII	Economics C16(3) Economics C17(3) Economics C18(3)	Economics E-4 (3) Vocational-4 (3) Research Project (6)*					21

Award of Bachelor of Arts Honours Degree, B.A. (Hons.) Degree in Economics (with a minimum of 186 credits)

* In lieu of the research Project, two additional elective papers/ Internship may be offered.

II-C: Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Bachelor of Arts (Basic/Hons.)/ Bachelor of Science (Basic/Hons.) with one core subject with practical and the other without practical

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)			Total credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
	Discipline B1(3), B2(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
Exit option with Certificate (48 credits)							
III	Discipline A3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)	SEC-2: Artificial Intelligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
	Discipline B5(3), B6(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
IV	Discipline A4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
	Discipline B7(3), B8(3)						
Exit option with Diploma (96 credits)/ Choose any one Discipline as Major, the other as the Minor							
V	Discipline A5(3+2), Discipline A6(3+2)	Discipline A, E-1 (3) Vocational-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
	Discipline B9(3)						
VI	Discipline A7(3+2), Discipline A8(3+2)	Discipline A, E-2 (3) Vocational-2 (3)		SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
	Discipline B10(3)						
Exit option with Bachelor of Arts, B.A. /Bachelor of Science, B. Sc. Basic Degree (with a minimum of 144 credits) or continue studies with the Major							
VII	Discipline A9(3+2), Discipline A10(3+2)	Discipline A, E-3 (3) Internship (2) Res. Methodology (3)					21
	Discipline A11(3)						
VIII	Discipline A12(3+2), Discipline A13(3), Discipline A14(3)	Discipline A, E-4 (3) Research Project (6)*					20
Award of Bachelor of Arts Honours, B.A. (Hons) /Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline (with a minimum of 185 credits)							

*In lieu of the research Project, two additional elective papers/ Internship may be offered.

II-C. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Example: Bachelor of Science (Basic/ Hons.) with Physics as major subject with practical and Mathematics as minor without practical

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits	
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Physics C1(4+2) Maths C1(3), C2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Physics C2(4+2) Maths C3(3), C4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)							
III	Physics C3(4+2) Maths C5(3), C6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Intelligence (2)(1+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Physics C4(4+2) Maths C7(3), C8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits) OR Choose one of the Disciplines as Major and the other as Minor, if Physics is major and Maths is minor then							
V	Physics C5(3+2), Physics C6(3+2) Maths C9(3)	Physics E-1 (3) Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
VI	Physics C7(3+2), Physics C8 (3+2) Maths C10 (3)	Physics E-2 (3) Vocational-2 (3)			SEC-4: Professional Communication (2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
Exit option with Bachelor of Science Degree, B. Sc. Basic Degree (with a minimum of 144 credits) or continue studies with Physics as Major in the fourth year							
VII	Physics C9(3+2), Physics C10(3+2), Physics C11(3)	Physics E-3 (3) Internship (2) Res. Methodology (3)					21
VIII	Physics C12(3+2), Physics C13(3) Physics C14(3)	Physics E-4 (3) Research Project (6)*					20
Award of Bachelor of Science Honours Degree, B.Sc. (Hons.) degree in Physics (with a minimum of 185 credits)							

* In lieu of the research Project, two additional elective papers/ Internship may be offered.

IIIA. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Bachelor of Science (Basic/Hons.) in subjects with practical with both subjects as majors in the 3rd year

Sem.	Discipline Core (DSC) (Credits)(L+T+P)	Discipline Elective (DSE) / Open-Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
I	Discipline A1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (2)(1+0+2)	Physical Education - Yoga (1) (0+0+2)	25
	Discipline B1(4+2)				Health & Wellness (1) (0+0+2)	
II	Discipline A2(4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education- Sports (1) (0+0+2)	25
	Discipline B2(4+2)				NCC/NSS/R&R(S&G) /Cultural (1)(0+0+2)	
Exit option with Certificate (50 credits)						
III	Discipline A3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		Physical Education- Sports (1) (0+0+2)	25
	Discipline B3(4+2)				NCC/NSS/R&R(S&G) /Cultural (1)(0+0+2)	
IV	Discipline A4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Games (1) (0+0+2)	25
	Discipline B4(4+2)				NCC/NSS/R&R(S&G) /Cultural (1)(0+0+2)	
Exit option with Diploma (100 credits) or continue the third year with both the subjects as majors						
V	Discipline A5(3+2), Discipline B5(3+2), Discipline B6(3+2)	Discipline A6(3+2)			Physical Education - Sports (1) (0+0+2)	24
					NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	
VI	Discipline A7(3+2), Discipline B7(3+2) Discipline B8(3+2)	Discipline A8(3+2)			Physical Education -Sports (1) (0+0+2)	24
					NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	
Exit option with Bachelor of Arts, B.A./ Bachelor of Science, B. Sc. Basic Degree (with a minimum of 144 credits) or Choose one of the Disciplines as Major						
VII	Discipline A/B-9(3+2)	DS-A/B Elective-1(3)				22
	Discipline A/B-10(3+2)	DS-A/B Elective-2(3)				
VIII	Discipline A/B-11(3)	Res. Methodology(3)				20
	Discipline A/B-12(3+2)	DS-A/B Elective 3(3)				
	Discipline A/B-13(3)	Research Project (6)*				
	Discipline A/B-14(3)					
Award of Bachelor of Arts Honours, B.A. (Hons.) / Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline etc. (with a minimum of 186 credits)						

*In lieu of the research project, two additional elective papers/ Internship may be offered.

IIIB. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Bachelor of Arts (Basic/Hons.) in subjects without practical with both subjects as majors in the 3rd year

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
I	Discipline A1(3), A2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency(2)(1+0+2)	Physical Education - Yoga (1) (0+0+2)	25
	Discipline B1(3), B2(3)				Health & Wellness (1) (0+0+2)	
II	Discipline A3(3), A4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education - Sports (1) (0+0+2)	25
	Discipline B3(3), B4(3)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
Exit option with Certificate (50 credits)						
III	Discipline A5(3), A6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		Physical Education - Sports (1) (0+0+2)	25
	Discipline B5(3), B6(3)			SEC-2: Artificial Intelligence (2)(1+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
IV	Discipline A7(3), A8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	25
	Discipline B7(3), B8(3)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
Exit option with Diploma (100 credits)						
V	Discipline A9(4), A10(4)	Vocational-1 (3)			Physical Education - Sports (1) (0+0+2)	23
	Discipline B9(4), B10(4)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
VI	Discipline A11(4), A12(4)	Vocational-2 (3)			Physical Education - Sports (1) (0+0+2)	23
	Discipline B11(4), B12(4)	Internship (2)		SEC-4: Professional Communication (2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	
Exit option with Bachelor of Arts, B.A. Degree (with a minimum of 144 credits) OR Choose one of the core Disciplines/subjects as Major in the fourth year						
VII	Discipline A/B-13(4)	DS-A/B Elective 1(3)				21
	Discipline A/B-14(4)	DS-A/B Elective 2(3)				
VIII	Discipline A/B-15(4)	Res. Methodology(3)				21
	Discipline A/B-16(3)	DS-A/B Elective 3(3)				
	Discipline A/B-17(3)	DS-A/B Elective 4(3)				
	Discipline A/B-18(3)	Research Project (6)*				

Award of Bachelor of Arts Honours, B.A. (Hons.) Degree in a discipline/subject (with a minimum of 186 credits)

*In lieu of the research Project, two additional elective papers/ Internship may be offered.

IV. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Bachelor of Science (Basic/Hons.) with three subjects with practical with one major and one minor subjects in the 3rd year

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
I	Discipline A1(3+2)		L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (2)(1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)
	Discipline B1(3+2)					
	Discipline C1(3+2)					
II	Discipline A2(3+2)		L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education -Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)
	Discipline B2(3+2)					
	Discipline C2(3+2)					
Exit option with Certificate (50 credits)						
III	Discipline A3(3+2)		L1-3(3), L2-3(3) (4 hrs. each)	SEC-2: Artificial Intelligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)
	Discipline B3(3+2)					
	Discipline C3(3+2)					
IV	Discipline A4(3+2)		L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)
	Discipline B4(3+2)					
	Discipline C4(3+2)					
Exit option with Diploma (100 credits) or choose one of the subjects as major and the second as minor in the third year						
V	Discipline A5(3+2)	OE-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)
	Discipline A6(3+2)					
	Discipline B5(3+2)					
VI	Discipline A7(3+2)	OE-2 (3)		SEC-4: Professional Communication (2)	Physical Education -Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)
	Discipline A8(3+2)					
	Discipline B6(3+2)					
Exit option with Bachelor of Science, B. Sc. Basic Degree (with a minimum of 144 credits) or continue studies with the Major in the fourth year						
VII	Discipline A9(3+2)	DS-A Elective 1(3)				
	Discipline A10(3+2)					
	Discipline A11(3)					
VIII	Discipline A12(3)	DS-A Elective 3(3)				
	Discipline A13(3)					
	Discipline A14(3)					
Award of Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline (with a minimum of 186 credits)						

*In lieu of the research project, two additional elective papers/ Internship may be offered.

IV. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Example: Bachelor of Science (Basic/Hons.) for three subjects with practical with Physics as major and Chemistry as minor in the 3rd year.

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill based (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
					Value based (Credits) (L+T+P)		
I	Physics A1(3+2) Chemistry B1(3+2) Maths C1(3+2)	L1-1(3), L2-1(3) (4 hrs each)	SEC-1: Digital Fluency (2)(1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25	
II	Physics A2(3+2) Chemistry B2(3+2) Maths C2(3+2)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)	Physical Education -Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25	
Exit option with Certificate (50 credits)							
III	Physics A3(3+2) Chemistry B3(3+2) Maths C3(3+2)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Inte- lligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Physics A4(3+2) Chemistry B4(3+2) Maths C4(3+2)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits) or choose one of the subjects as major and the second as minor in the third year							
V	Physics A5(3+2) Physics A6(3+2) Chemistry B5(3+2)	OE-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	Physics A7(3+2) Physics A8(3+2) Chemistry B6(3+2)	OE-2 (3) Internship (2)		SEC-4: Professional Communication (2)	Physical Education -Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit option with Bachelor of Science, B. Sc. Basic Degree (with a minimum of 144 credits) or continue studies with the Major in the fourth year							
VII	Physics A9(3+2) Physics 10(3+2) Physics A11(3)	Physics Elective-1(3) Physics Elective-2(3) Res. Methodology (3)					22
VIII	Physics A12(3) Physics A13(3) Physics A14(3)	Physics Elective-3(3) Physics Elective-4(3) Research Project (6)*					21
Award of Bachelor of Science Honours, B.Sc. (Hons.) degree in Physics (with a minimum of 186 credits)							

*In lieu of the research project, two additional elective papers/ Internship may be offered.

**V. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka
Bachelor of Science (Basic/Hons.) with three subjects with practical with two subjects as majors in the 3rd year**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits	
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(3+2)		L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (2)(1+0+2)	Physical Education - Yoga (1) (0+0+2)	25	
	Discipline B1(3+2)				Health & Wellness (1) (0+0+2)		
	Discipline C1(3+2)						
	Discipline A2(3+2)		L1-2(3), L2-2(3) (4 hrs. each)		Physical Education - Sports (1) (0+0+2)		25
	Discipline B2(3+2)			Environmental Studies (2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)		
Discipline C2(3+2)							
Exit option with Certificate (50 credits)							
III	Discipline A3(3+2)		L1-3(3), L2-3(3) (4 hrs. each)	SEC-2: Artificial Intelligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	25	
	Discipline B3(3+2)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)		
	Discipline C3(3+2)						
	Discipline A4(3+2)		L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2)		25
Discipline B4(3+2)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)			
Discipline C4(3+2)							
Exit option with Diploma (100 credits) or choose any two subjects as majors in the third year							
V	Discipline A5(3+2)	OE-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	26	
	Discipline A6(4)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)		
	Discipline B5(3+2)						
	Discipline B6(3+2)						
VI	Discipline A7(3+2)	OE-2 (3)		SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	26	
	Discipline A8(4)				NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)		
	Discipline B7(3+2)						
	Discipline B8(3+2)						
Exit option with Bachelor of Science, B. Sc. Basic Degree (with a minimum of 150 credits) or Choose any one Discipline as Major in the fourth year							
VII	Discipline A/B-9(3+2)	DS-A/B Elective 1(3)				19	
	Discipline A/B-10(3+2)	DS-A/B Elective 2(3) Res. Methodology(3)					
VIII	Discipline A/B-11(3)	DS-A/B Elective 3(3)				21	
	Discipline A/B-12(3)	DS-A/B Elective 4(3)					
	Discipline A/B-13(3)	Research Project (6)*					
Award of Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline (with a minimum of 190 credits)							

*In lieu of the research project, two additional elective papers/ Internship may be offered.

V.A. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

Example: Bachelor of Science (Basic/Hons.) for three subjects with practicals with Physics & Chemistry as major subjects in the 3rd year

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
I	Physics A1(3+2) Chemistry B1(3+2) Maths C1(3+2)		L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (2)(1+0+2)	Physical Education - Yoga (1) (0+0+2) Health & Wellness (1) (0+0+2)	25
II	Physics A2(3+2) Chemistry B2(3+2) Maths C2(3+2)		L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education -Sports (1) (0+0+2) NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)						
III	Physics A3(3+2) Chemistry B3(3+2) Maths C3(3+2)		L1-3(3), L2-3(3) (4 hrs. each)	SEC-2: Artificial Intelligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2) NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Physics A4(3+2) Chemistry B4(3+2) Maths C4(3+2)		L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)	Physical Education - Sports (1) (0+0+2) NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits) or choose any two of the core disciplines/subjects as majors in the third year						
V	Physics A5(3+2) Physics A6(4) Chemistry B5(3+2) Chemistry B6(3+2)	OE-1 (3)		SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2) NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	26
VI	Physics A7(3+2) Physics A8(4) Chemistry B7(3+2) Chemistry B8(3+2)	OE-2 (3)		SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2) NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	26
Exit option with Bachelor of Science, B. Sc. Basic Degree (with a minimum of 150 credits) or Choose one of the Majors in the 4 th year, if chemistry is chosen then						
VII	Chemistry B-9 (3+2) Chemistry B-10 (3+2) Internship (2)	Chemistry Elective-1(3) Chemistry Elective-2(3) Res. Methodology(3)				21
VIII	Chemistry B-11(3) Chemistry B-12(3) Chemistry B-13(3)	Chemistry Elective-3(3) Chemistry Elective-4(3) Research Project (6)*				21
Award of Bachelor of Science Honours Degree, B.Sc. (Hons.) Degree in Chemistry (with a minimum of 190 credits)						

Semester	Title		SEC
	Major: Discipline Core (DSC)	OE/DSE	
I Semester	DSC 1 : Electronic Devices and Circuits	OE1:	SEC
II Semester	DSC 2 : Linear ICs and Digital Electronics	OE2:	SEC1:
III Semester	DSC 3 : Digital design using/Verilog and programming in C	OE3: Renewable Energy and Energy Harvesting	SEC2:
IV Semester	DSC 4 : Electronic Communication -I	OE4: E-Waste Management	
V Semester	DSC 5 : Microcontroller 8051 and PIC DSC 6 : Communication II	DSE 1: Computer Organization DSE 2: RFID Technology DSE 3: Photonics (Any One)	SEC3:
VI Semester	DSC 7 : Power Electronics , Sensors, PLCs, Transducers and Instrumentation , DSC 8: IoT and 5G Communication	DSE 4: Cryptography DSE 5: Control Systems DSE 6: Project work (0+1+2) (Any One)	SEC4:
VII Semester	DSC 9: Signals and Systems DSC 10: Embedded Systems DSC 11: Microwave Communication	DSE 7: Wireless Communication DSE 8: Python Programming DSE 9: Mechatronics	

		(Any One)	
VIII Semester	DSC 12: Digital Signal Processing DSC 13: VLSI designing DSC 14: Image Processing	Research Methodology DSE 10: ARM Processor DSE 11: Computer Network DSE 12: AI, ML and Python (Any One) Research Project/	