



COURSE OUTCOMES:

ಕನ್ನಡ ಭಾಷಾ ಪಠ್ಯಕ್ರಮ		
IB.COM	ಕನ್ನಡ ಚೈತ್ರ - 1	1. ಕನ್ನಡ ನಾಡು ನುಡಿ ಸಂಸ್ಕೃತಿ ಕುರಿತು ತಿಳುವಳಿಕೆಯನ್ನು ವಿಸ್ತರಿಸುವುದು.
		2. ವೈಚಾರಿಕ ಸಂಶೋಧನಾತ್ಮಕ ವಿಮರ್ಶಾತ್ಮಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವುದು
		3. ಕನ್ನಡದಲ್ಲಿ ತಾಂತ್ರಿಕ ಕೌಶಲ್ಯ ಜೀವನ ಕೌಶಲ್ಯ ಹಾಗೂ ಉದ್ಯಮಶೀಲತೆಗಳ ತರಬೇತಿ.
	ಕನ್ನಡ ವೈಶಾಖ- 1	1. ಕನ್ನಡ ನಾಡು ನುಡಿ ಸಂಸ್ಕೃತಿ ಕುರಿತು ತಿಳುವಳಿಕೆ ವಿಸ್ತರಿಸುವುದು
		2. ವೈಚಾರಿಕ ಸಂಶೋಧನಾತ್ಮಕ ವಿಮರ್ಶಾತ್ಮಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವುದು,
		3. ಸೃಜನಶೀಲತೆ ಅಭಿವ್ಯಕ್ತಿ ಸಾಮರ್ಥ್ಯಗಳನ್ನು ಬೆಳೆಸುವುದು
		4. ಕನ್ನಡದಲ್ಲಿ ತಾಂತ್ರಿಕ ಕೌಶಲ್ಯ ಜೀವನ ಕೌಶಲ್ಯ ಹಾಗೂ ಉದ್ಯಮಶೀಲತೆಗಳ ತರಬೇತಿ.
	ಕನ್ನಡ ಶ್ರಾವಣ - 1	1. ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು
		2. ನಾಡು ನುಡಿಯನ್ನು ಕುರಿತು ಅರಿವನ್ನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
		3. ಸಮಕಾಲೀನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು
		4. ಸಾಮಾಜಿಕ ಹೊಣೆಗಾರಿಕೆ ಅರಿವು
		5. ಸದೃಢ ಬೌದ್ಧಿಕ ವ್ಯಕ್ತಿತ್ವ ನಿರ್ಮಾಣ
		6. ಭಾಷಾ ಕೌಶಲವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವುದು.
	ಕನ್ನಡ ಚೈತ್ರ - 2	1. ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು.
		2. ನಾಡು ನುಡಿಯನ್ನು ಕುರಿತು ಹರಿಯವನ್ನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
		3. ಸಮಕಾಲೀನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು
		4. ಸದೃಢ ಬೌದ್ಧಿಕ ವ್ಯಕ್ತಿತ್ವ ನಿರ್ಮಾಣ
		5. ಭಾಷಾ ಕೌಶಲ್ಯವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವುದು.
	ಕನ್ನಡ ವೈಶಾಖ - 2	1. ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು
		2. ನಾಡು ನುಡಿಯನ್ನು ಕುರಿತು ಅರಿವನ್ನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
		3. ಸೃಜನಶೀಲತೆ ಅಭಿವ್ಯಕ್ತಿ ಸಾಮರ್ಥ್ಯಗಳನ್ನು ಬೆಳೆಸುವುದು
		4. ಕನ್ನಡದಲ್ಲಿ ತಾಂತ್ರಿಕ ಕೌಶಲ್ಯ ಜೀವನ ಕೌಶಲ್ಯ ಹಾಗೂ ಉದ್ಯಮಶೀಲತೆಗಳ ತರಬೇತಿ.
	ಕನ್ನಡ ಶ್ರಾವಣ - 2	1. ಕನ್ನಡ ನಾಡು ನುಡಿ ಸಂಸ್ಕೃತಿ ಕುರಿತು ತಿಳುವಳಿಕೆಯನ್ನು ವಿಸ್ತರಿಸುವುದು
		2. ವೈಚಾರಿಕ ಸಂಶೋಧನಾತ್ಮಕ ವಿಮರ್ಶಾತ್ಮಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವುದು
		3. ಸೃಜನಶೀಲತೆ ಅಭಿವ್ಯಕ್ತಿ ಸಾಮರ್ಥ್ಯಗಳನ್ನು ಬೆಳೆಸುವುದು
		4. ಕನ್ನಡದಲ್ಲಿ ತಾಂತ್ರಿಕ ಕೌಶಲ್ಯ ಜೀವನ ಕೌಶಲ್ಯ ಹಾಗೂ ಉದ್ಯಮಶೀಲತೆಗಳ ತರಬೇತಿ.
	ಕನ್ನಡ ಚೈತ್ರ - 3	1. ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು.
		2. ನಾಡು ನುಡಿಯನ್ನು ಕುರಿತು ಹರಿಯವನ್ನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
		3. ಸಮಕಾಲೀನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು
		4. ಸದೃಢ ಬೌದ್ಧಿಕ ವ್ಯಕ್ತಿತ್ವ ನಿರ್ಮಾಣ
		5. ಭಾಷಾ ಕೌಶಲ್ಯವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವುದು.
	ಕನ್ನಡ ವೈಶಾಖ - 3	1. ಕನ್ನಡ ನಾಡು ನುಡಿ ಸಂಸ್ಕೃತಿ ಕುರಿತು ತಿಳುವಳಿಕೆಯನ್ನು ವಿಸ್ತರಿಸುವುದು
		2. ವೈಚಾರಿಕ ಸಂಶೋಧನಾತ್ಮಕ ವಿಮರ್ಶಾತ್ಮಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವುದು
		3. ಸೃಜನಶೀಲತೆ ಅಭಿವ್ಯಕ್ತಿ ಸಾಮರ್ಥ್ಯಗಳನ್ನು ಬೆಳೆಸುವುದು



ಕನ್ನಡ ಶ್ರಾವಣ - 3	1. ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು
	2. ನಾಡು ನುಡಿಯನ್ನು ಕುರಿತು ಅರವನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
	3. ಸಮಕಾಲಿನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು
	4. ಸಾಮಾಜಿಕ ಹೊಣೆಗಾರಿಕೆ ಅರಿವು
	5. ಸದೃಶ ಬೌದ್ಧಿಕ ವ್ಯಕ್ತಿತ್ವ ನಿರ್ಮಾಣ
	6. ಭಾಷಾ ಕೌಶಲ್ಯವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವುದು.
ಕನ್ನಡ ಚೈತ್ರ - 4	1. ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು
	2. ನಾಡು ನುಡಿಯನ್ನು ಕುರಿತು ಅರಿವನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
	3. ಸಮಕಾಲಿನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು
ಕನ್ನಡ ವೈಶಾಖ - 4	1. ಕನ್ನಡ ನಾಡು ನುಡಿ ಸಂಸ್ಕೃತಿ ಕುರಿತು ತಿಳುವಳಿಕೆಯನ್ನು ವಿಸ್ತರಿಸುವುದು
	2. ವೈಚಾರಿಕ ಸಂಶೋಧನಾತ್ಮಕ ವಿಮರ್ಶಾತ್ಮಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವುದು
	3. ಸೃಜನಶೀಲತೆ ಅಭಿವ್ಯಕ್ತಿ ಸಾಮರ್ಥ್ಯಗಳನ್ನು ಬೆಳೆಸುವುದು
	4. ಕನ್ನಡದಲ್ಲಿ ತಾಂತ್ರಿಕ ಕೌಶಲ್ಯ ಜೀವನ ಕೌಶಲ್ಯ ಹಾಗೂ ಉದ್ಯಮಶೀಲತೆಗಳ ತರಬೇತಿ.
ಕನ್ನಡ ಶ್ರಾವಣ - 4	1. ಕನ್ನಡ ನಾಡು ನುಡಿ ಸಂಸ್ಕೃತಿ ಕುರಿತು ತಿಳುವಳಿಕೆಯನ್ನು ವಿಸ್ತರಿಸುವುದು
	2. ವೈಚಾರಿಕ ಸಂಶೋಧನಾತ್ಮಕ ವಿಮರ್ಶಾತ್ಮಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವುದು
	3. ಸೃಜನಶೀಲತೆ ಅಭಿವ್ಯಕ್ತಿ ಸಾಮರ್ಥ್ಯಗಳನ್ನು ಬೆಳೆಸುವುದು
	4. ಕನ್ನಡದಲ್ಲಿ ತಾಂತ್ರಿಕ ಕೌಶಲ್ಯ ಜೀವನ ಕೌಶಲ್ಯ ಹಾಗೂ ಉದ್ಯಮಶೀಲತೆಗಳ ತರಬೇತಿ.
ಕನ್ನಡ ಐಜ್ಜಿಕ	
ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ	1. ಕನ್ನಡ ಭಾಷೆಯ ಬೆಳವಣಿಗೆಯ ಹಂತಗಳ ಪರಿಚಯವಾಗುತ್ತದೆ
	2. ಸಾಂಸ್ಕೃತಿಕ ವೈವಿಧ್ಯತೆಗಳ ಪರಿಜ್ಞಾನ ವೃದ್ಧಿಸುತ್ತದೆ
	3. ಕನ್ನಡ ಭಾಷೆಯ ಚಾರಿತ್ರಿಕ ಸ್ಪಷ್ಟತೆ ಉಂಟಾಗುತ್ತದೆ
	4. ಭಾಷಾ ಚರಿತ್ರೆಯೊಂದರ ಅದರಲ್ಲಿಯೂ ಕನ್ನಡ ಭಾಷೆಯ ಚರಿತ್ರೆ ಅಧ್ಯಯನದ ಶಿಸ್ತು ಪ್ರಾಪ್ತಿಸುತ್ತದೆ
	5. ಕನ್ನಡ ಭಾಷೆಯ ಪ್ರಾಚೀನ ಕಾವ್ಯಗಳ ಸ್ತೂಲ ಪರಿಚಯವಾಗುತ್ತದೆ
	6. ಶಾಸನಗಳ ಪರಿಚಯ ಹಾಗೂ ಅವುಗಳ ವೈವಿಧ್ಯತೆಯ ಅರಿವು ಉಂಟಾಗುತ್ತದೆ
	7. ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯ ರೂಪಗಳ ಸ್ತೂಲ ಪರಿಚಯವಾಗುತ್ತದೆ.
ಮಧ್ಯಕಾಲಿನ ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ	1. ಸಾಹಿತ್ಯದ ಸಾಮಾಜಿಕ ಕಳಕಳಿಯ ಪರಿಜ್ಞಾನ ಪ್ರಾಪ್ತಿ
	2. ಸಾಹಿತ್ಯ ಬದಲಾವಣೆಯ ಪ್ರಕ್ರಿಯೆಗೆ ಒಳಗೊಳ್ಳುವಿಕೆ ಅನಿವಾರ್ಯತೆ ಮತ್ತು ಅಗತ್ಯತೆಯ ತಿಳುವಳಿಕೆ ಉಂಟಾಗುತ್ತದೆ
	3. ಮಧ್ಯಕಾಲಿನ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ರೂಪಗಳಾದ ವಚನ, ರಗಳೆ, ಷಟ್ಪದಿ, ಮೊದಲಾದ ರೂಪಗಳ ಪರಿಚಯ ಉಂಟಾಗುತ್ತದೆ
	4. ಸಮಾಜಮುಖಿ ಅಥವಾ ಜಲಾಭಿಮುಖಿ ಸಾಹಿತ್ಯದ ಸ್ಪಷ್ಟತೆ ಉಂಟಾಗುತ್ತದೆ.
ಆಧುನಿಕ ಪೂರ್ವ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ	1. ವಿವಿಧ ಬರಹಗಾರರು ಸಾಹಿತ್ಯ ಕೃತಿಗಳು ಮತ್ತು ಸಾಹಿತ್ಯ ಚಳುವಳಿಗಳ ಅರಿವು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
	2. ವಿವಿಧ ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳ ರೂಪ ಸ್ವರೂಪಗಳ ಬಗೆಗೆ ತಿಳುವಳಿಕೆ ಪಡೆಯುವುದು



		<ol style="list-style-type: none"> 3. ಭಾಷೆ ಸಾಹಿತ್ಯದ ಶ್ರೀಮಂತಿಕೆಯ ಜೊತೆಗೆ ಮಾನವೀಯ ಮೌಲ್ಯಗಳನ್ನು ಮೂಡಿಸಿಕೊಳ್ಳುವುದು 4. ಸಾಹಿತ್ಯ ಮೂಲಕ ಸಮಾಜದಾರ್ಮಿಕ ರಾಜಕೀಯ ಸಂಸ್ಕೃತಿಕ ತಿಳುವಳಿಕೆಯನ್ನು ಹೊಂದುವುದು ವೈಚಾರಿಕ ವೈಜ್ಞಾನಿಕ ಚಿಂತನೆಗಳನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು. 5. ವಿವಿಧ ಬರಹಗಾರರು ಸಾಹಿತ್ಯ ಕೃತಿಗಳು ಮತ್ತು ಸಾಹಿತ್ಯ ಚಳುವಳಿಗಳ ಅರಿವು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು
	ಆಧುನಿಕ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ	<ol style="list-style-type: none"> 1. ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು 2. ನಾಡು ನುಡಿಯನ್ನು ಕುರಿತು ಅರಿವನ್ನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು 3. ಸಮಕಾಲಿನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು 4. ಸಾಮಾಜಿಕ ಹೊಣೆಗಾರಿಕೆ ಅರಿವು 5. ಸದೃಢ ಬೌದ್ಧಿಕ ವ್ಯಕ್ತಿತ್ವ ನಿರ್ಮಾಣ 6. ಬಾಷಾ ಕೌಶಲ್ಯಗಳನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವುದು.
	ಭಾರತೀಯ ಮತ್ತು ಪಾಶ್ಚಾತ್ಯ ಕಾವ್ಯ ಮೀಮಾಂಸೆ	<ol style="list-style-type: none"> 1. ಸಾಂಸ್ಕೃತಿಕ ವೈವಿಧ್ಯತೆಗಳ ಪರಿಜ್ಞಾನ ವೃದ್ಧಿಸುತ್ತದೆ 2. ಕನ್ನಡ ಕಾವ್ಯ ಮೀಮಾಂಸೆಯ ಸ್ತೂಲಾ ಪರಿಚಯವಾಗುತ್ತದೆ.
	ಕನ್ನಡ ಕಾವ್ಯಮೀಮಾಂಸೆಯ ಆಧುನಿಕ ರೂಪಗಳು	<ol style="list-style-type: none"> 1. ಸಾಂಸ್ಕೃತಿಕ ವೈವಿಧ್ಯತೆಗಳ ಪರಿಜ್ಞಾನ ವೃದ್ಧಿಸುತ್ತದೆ 2. ಆಧುನಿಕ ಕನ್ನಡ ಕಾವ್ಯ ಮೀಮಾಂಸೆ ಸ್ತೂಲಾ ಪರಿಚಯವಾಗುತ್ತದೆ 3. ಆಧುನಿಕ ಪಾಶ್ಚಾತ್ಯ ಕಾವ್ಯ ಸ್ಥಲ ಪರಿಚಯವಾಗುತ್ತದೆ.
	ಸಂಶೋಧನೆ ಮತ್ತು ವಿಮರ್ಶೆ	<ol style="list-style-type: none"> 1. ವಿವಿಧ ಬರಹಗಾರರು ಸಾಹಿತ್ಯ ಕೃತಿಗಳು ಹಾಗೂ ಸಾಹಿತ್ಯ ಚಳುವಳಿಗಳ ಅರಿವು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳುವುದು 2. ಸಂಶೋಧನೆಯ ಪ್ರಕಾರಗಳ ರೂಪ ಸ್ವರೂಪಗಳ ಬಗೆಗೆ ತಿಳುವಳಿಕೆ ಪಡೆಯುವುದು 3. ಭಾಷೆ ಸಾಹಿತ್ಯದ ಶ್ರೀಮಂತಿಕೆಯ ಜೊತೆಗೆ ಮಾನವೀಯ ಮೌಲ್ಯಗಳು ಮೂಡಿಸಿಕೊಳ್ಳುವುದು 4. ಸಾಹಿತ್ಯ ಮೂಲಕ ಸಮಾಜೋ ಧಾರ್ಮಿಕ ರಾಜಕೀಯ ಸಂಸ್ಕೃತಿಕ ತಿಳುವಳಿಕೆಯನ್ನು ಹೊಂದುವುದು 5. ವೈಚಾರಿಕ ವೈಜ್ಞಾನಿಕ ಚಿಂತನೆಗಳನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು.
	ಜನಪದ ಹಾಗೂ ಮಹಿಳಾ ಸಾಹಿತ್ಯ	<ol style="list-style-type: none"> 1. ಜನಪದ ಸಾಹಿತ್ಯದ ಓದು ತಿಳುವಳಿಕೆ ಹಾಗೂ ಬರವಣಿಗೆಯನ್ನು ರೂಡಿಸಿಕೊಳ್ಳುವುದು 2. ಸಮಕಾಲಿನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು 3. ಬೌದ್ಧಿಕ ವ್ಯಕ್ತಿತ್ವ ನಿರ್ಮಾಣ 4. ಜನಪದ ರಂಗಭೂಮಿ ಮಹತ್ವ ತಿಳಿದುಕೊಳ್ಳುವುದು 5. ಮಹಿಳಾ ಸಾಹಿತ್ಯ ಒಲವು ನಿಲುವುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳುವುದು.



	GENERIC ENGLISH I	1. Acquired enhanced LSRW (Listening, Speaking, Reading, Writing) skills
		2. Equipped themselves with interpersonal communication skills
		3. Augmented presentation and analytical skills

	GENERIC ENGLISH II	1. Ability to critically analyse, interpret and appreciate literary texts
		2. An awareness of social, cultural, religious and ethnic diversities
		3. Facilitated employability in emerging sectors such as - content writers, interpreters, translators, transcribers
		4. Acquired language skills for competitive examinations

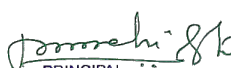
	GENERIC ENGLISH III	1. Acquired enhanced LSRW (Listening, Speaking, Reading, Writing) skills
		2. Equipped themselves with interpersonal communication skills
		3. Augmented presentation and analytical skills

	GENERIC ENGLISH IV	1. Ability to critically analyse, interpret and appreciate literary texts
		2. An awareness of social, cultural, religious and ethnic diversities
		3. Facilitated employability in emerging sectors such as - content writers, interpreters, translators, transcribers
		4. Acquired language skills for competitive examinations

	Introduction to the study of English Literature	1. The learner is introduced to the concept of Literature and its various uses.
		2. Will be able to understand various forms and terms of Literature.
		3. Learner can distinguish literature and its relation to various discipline

	Indian writing in English	1. Speak, explain and critically understand IWE
		2. Identify the historical trajectories of various genres of IWE
		3. Critically engage with IWE from various historical and social positions

	INDIAN LITERATURE IN TRANSLATION PAPER 2	1. Understand the meaning and methods of translation
		2. Comprehend the scope of translation in the modern age
		3. Have the knowledge of Indian writers and literature in general
		4. Appreciate the translated text.



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BRITISH LITERATURE (19th AND 20th CENTURY) (PART 2)	1. Learn the important trends and movements in the British literature of prescribed period
	2. Identify and understand canonical literature of England
	3. Distinguish the poets, playwrights and novelists of different periods
	4. Appreciate some representative texts of the prescribed period

	1. Understand the concept of gender studies
	2. Learn the basics of patriarchy, sex and gender and gynocentrism
	3. Understand the significance of Gender as a discourse
	4. Appreciate literature by women writers

TRANSLATION THEORY AND PRACTICE	1. This paper aims at teaching the students English language through literature.
	2. It teaches them communication skills


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BCOM	Financial Accounting	a) Understand the theoretical framework of accounting as well accounting standards.
		b) Demonstrate the preparation of financial statement of manufacturing and non- manufacturing entities of sole proprietors.
		c) Exercise the accounting treatments for consignment transactions & events in the books of consignor and consignee.
		d) Understand the accounting treatment for royalty transactions & articulate the Royalty agreements.
		e) Learn various methods of accounting for hire purchase transactions.

	Management Principles and Applications	a) Understand and identify the different theories of organisations, which are relevant in the present context.
		b) Design and demonstrate the strategic plan for the attainment of organisational goals.
		c) Differentiate the different types of authority and chose the best one in the present context.
		d) Compare and chose the different types of motivation factors and leadership styles.
		e) Choose the best controlling techniques for better productivity of an organisation.

	Principles of Marketing	a) Understand the basic concepts of marketing and asses the marketing environment.
		b) Analyse the consumer behaviour in the present scenario and marketing segmentation.
		c) Discover the new product development & identify the factors affecting the price of a product in the present context.
		d) Judge the impact of promotional techniques on the customers & importance of channels of distribution.
		e) Outline the recent developments in the field of marketing.

	Business Organization	a) An understanding of the nature, objectives and social responsibilities of business
		b) An ability to describe the different forms of organizations
		c) An understanding of the basic concepts of management
		d) An understanding of functions of management.
		e) An understanding of different types of business combinations

BCOM		a) Analyse various terms used in accounting;
		b) Make accounting entries and prepare cash book and other accounts necessary while running a business;
		c) Prepare accounting equation of various business transactions;
		d) Analyse information from company's annual report;
		e) Comprehend the management reports of the company.



Financial Literacy	a) Describe the importance of financial literacy and list out the institutions providing financial services;
	b) Prepare financial plan and budget and manage personal finances;
	c) Open, avail, and manage/operate services offered by banks;
	d) Open, avail, and manage/operate services offered by post offices;
	e) Plan for life insurance and property insurance & select instrument for investment in shares.

	a) Understand & compute the amount of claims for loss of stock & loss of Profit.
	b) Deal with the inter-departmental transfers and their accounting treatment.
	c) Demonstrate various accounting treatments for dependent & independent branches.
	d) Prepare financial statements from incomplete records.
	e) Outline the emerging trends in the field of accounting.

	a) Understand the number system applications in solving basic business problems.
	b) Apply concept of commercial arithmetic concepts to solve business problems.
	c) Make use of theory of equation in solving the business problems in the present context.
	d) Understand and apply the concepts of Set Theory, Permutations & Combinations and Matrices solving business problems.
	e) Apply measurement of solids in solving simple business problems.

	a) Summarize the relationship. between Banker & customer and different types of functions of banker.
	b) Analyse the role, functions and duties of paying and collecting banker.
	c) Make use of the procedure involved in opening and operating different accounts.
	d) Examine the different types of negotiable instrument & their relevance in the present context.
	e) Estimate possible developments in the banking sector in the upcoming days.

	a) An understanding of the types and forms of Retail business.
	b) Ability to examine Consumer Behaviour in various environment.
	c) Ability to analyse various Retail operations and evaluate them.
	d) Ability to analyse various marketing mix elements in retail operations.
	e) An understanding of Information Technology in retail business.



		a) Understand the fundamentals of Indian Economy and its significance.
		b) Evaluate the impact of monetary policy on the stakeholders of the Economy.
		c) Assess the impact of fiscal policy on the stakeholders of the Economy.
		d) Examine the status of inflation, unemployment and labour market in India
		e) Inference the financial sector reforms in India.

		a) Explain the basics of investing in the stock market, the investment environment as well as risk & return;
		b) Analyse Indian securities market;
		c) Examine EIC framework and conduct fundamental analysis;
		d) Perform technical analysis;
		e) Invest in mutual funds market,

		a) Understand the treatment of underwriting of shares.
		b) Comprehend the computation of profit prior to incorporation.
		c) Know the valuation of intangible assets.
		d) Know the valuation of shares.
		e) Prepare the financial statements of companies as per companies act, 2013.

		a. Familiarizes statistical data and descriptive statistics for business decision- making.
		b. Comprehend the measures of variation and measures of skewness.
		c. Demonstrate the use of probability in business.
		d. Validate the application of correlation in business decisions.
		e. Show the use of index numbers in business.

		a) Understand concepts of cost accounting & Methods of Costing.
		b) Outline the Procedure and documentations involved in procurement of materials & compute the valuation of Inventory.
		c) Make use of payroll procedures & compute idle and over time.
		d) Discuss the methods of allocation, apportionment & absorption of overheads.
		e) Prepare cost sheet & discuss cost allocation under ABC

		a. To provide the foundations for financial decision making.
		b. Create awareness about various saving and investment alternatives available for a common man.
		c. Understand the overview of stock markets and stock selection.
		d. Learning about mutual funds and the criteria for selection.




		a. Familiarize with advertising concepts.
		b. Able identify effective media choice for advertising.
		c. Develop ads for different media.
		d. Measure the advertising effectiveness.
		e. Analyse the role of advertising agency.

		a. Discover their strengths and weaknesses in developing the entrepreneurial mind-set.
		b. Identify the different Government Institutions/Schemes available for promoting Entrepreneurs.
		c. Understand the various aspects to set-up an Enterprises.
		d. Familiarise Mechanism of Monitoring and maintaining an Enterprises.
		e. Know the various features for successful/unsuccessful entrepreneurs.

		a) Know the procedure of redemption of preference shares.
		b) Comprehend the different methods of Mergers and Acquisition of Companies
		c) Understand the process of internal reconstruction.
		d) Prepare the liquidators final statement of accounts.
		e) Understand the recent developments in accounting and accounting standards.

		a) Understand the application of contract costing.
		b) Evaluate the benefits of process costing.
		c) Examine the importance and apply of service costing.
		d) Know the application of marginal costing.
		e) Prepare flexible and cash budget with imaginary figures & Analyze the processes involved in standard costing.

		a) Recognize the laws relating to Contracts and its application in business activities.
		b) Acquire knowledge on bailment and indemnification of goods in a contractual relationship and role of agents.
		c) Comprehend the rules for Sale of Goods and rights and duties of a buyer and a seller.
		d) Distinguish the partnership laws, its applicability and relevance.
		e) Rephrase the cyber law in the present context.


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		a. Appraise the theory of Artificial intelligence and list the significance of AL.
		b. Discuss the various components that are involved in solving an AI problem.
		c. Mustrate the working of AI Algorithms in the given contrast.
		d. Analyze the various knowledge representation schemes, Reasoning and Learning techniques of AI.
		e. Apply the AI concepts to build an expert system to solve the real-world problems.

		a) Understand the role of financial managers effectively in an organization.
		b) Apply the compounding & discounting techniques for time value of money.
		c) Take investment decision with appropriate capital budgeting techniques for investment proposals.
		d) Understand the factors influencing the capital structure of an organization.
		e) Estimate the working capital requirement for the smooth running of the

		a) Comprehend the procedure for computation of Total Income and tax liability of an individual.
		b) Understand the provisions for determining the residential status of an Individual.
		c) Comprehend the meaning of Salary, Perquisites, Profit in lieu of salary, allowances and various retirement benefits.
		d) Compute the income house property for different categories of house property.
		e) Comprehend TDS & advances tax Ruling and identify the various deductions under section 80.

		a) Understand the conceptual framework of auditing.
		b) Examine the risk assessment and internal control in auditing
		c) Comprehend the relevance of IT in audit and audit sampling for testing.
		d) Examine the company audit and the procedure involved in the audit of different entities.
		e) Gain knowledge on different aspect of audit reporting and conceptual framework applicable on professional accountants.


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		a) Understand the need and benefits of accounting standards.
		b) Prepare the financial statements as Indian Accounting standards.
		c) Comprehend the requirements of Indian Accounting Standards for recognition, measurement and disclosures of certain items appear in financial statements
		d) Understand the Accounting Standards for Items that do not Appear in

		a) Understand the structure of Indian financial system and its constituents.
		b) Outline the role of capital and money market in economic development.
		c) Comprehend primary and secondary market and its relevance in capital

		a) Understand the contemporary of retail management, issues, strategies and trends in Retailing
		b) Utilize the theories and strategies of retail planning.
		c) Perceive the role and responsibilities of store manager and examine the visual merchandising and its techniques in the present context.
		d) Prioritize the factors to be considered while fixing the price in retailing.
		e) Comprehend the emerging trends in Retail Industry.

		a) Understand the framework, importance & Challenges of human resources management.
		b) Outline the human resources planning, recruitment & Selection process.
		c) Analyse the different types of training & development methods in the present context.

	Master of Commerce (M.Com.)	a) Demonstrate the application of business analytics.
		b) Analyse the importance of data warehousing and data mining.
		c) Apply the analytics in the data collection and data modelling.
		d) Demonstrate the visualisation of data.
		e) Exhibit the business modelling using excel.

	Bachelor of Commerce (B.Com.)	a) Comprehend the concepts of Goods and Services tax.
		b) Understand the GST registration process.
		c) Comprehend the input tax credit.
		d) Know the GST Assessment and its computation.
		e) Know the valuation of Goods and Services under GST.



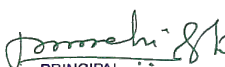
		a) Gain knowledge on Digital Marketing, Email marketing and Content marketing,
		b) Understand Search Engine Optimization tools and techniques
		c) Gain skills on creation of Google AdWords & Google AdSense
		d) Gain knowledge on Social Media Marketing and Web Analytics.
		e) Gain knowledge on YouTube Advertising & Conversions.

		a) Understand and determine the overall cost of capital.
		b) Comprehend the different advanced capital budgeting techniques.
		c) Understand the importance of dividend decisions.
		d) To demonstrate the computation of EVA and MVA.
		e) Enable the ethical and governance issues in financial management.

		a) Understand the procedure for computation of income from business and other Profession.
		b) The provisions for determining the capital gains.
		c) Compute the income from other sources.
		d) Demonstrate the computation of total income of an Individual.
		e) Comprehend the assessment procedure and to know the power of income tax Authorities.

		a) Demonstrate the significance of management accounting in decision making.
		b) Analyse and interpret the corporate financial statements by using various techniques.
		c) Compare the financial performance of corporate through ratio analysis.
		d) Understand the latest provisions in preparing cash flow statement.
		e) Comprehend the significance of management audit and examine the corporate reports of Management Review and Governance.

		a) Understand the preparation of consolidated financial statements as per Ind AS
		b) Learn the disclosures in the financial statements
		c) Understand the latest provisions of measurement-based accounting policies.
		d) Comprehend the Accounting and Reporting of Financial Instruments
		e) Analyse the Revenue based accounting standard.


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		a) Understand the concept of investments, its features and various instruments.
		b) Comprehend the functioning of secondary market in India.
		c) Underline the concept of risk and return and their relevance in purchasing and selling of securities.
		d) Illustrate the valuation of securities and finding out the values for purchase and sale of securities.

		a) To be aware of the nuances of customer relationship.
		b) To analyze the CRM link with the other aspects of marketing.
		c) To impart the basic knowledge of the Role of CRM in increasing the sales of the company.
		d) To make the students aware of the different CRM models in service industry.
		e) To make the students aware and analyze the different issues in CRM

		a) Understand the need of HRD,
		b) Comprehend the framework of HRD.
		c) Know the models for evaluating the HRD programs.
		d) Comprehend the need for employee counselling.
		e) Apprehend the HR performance.

		a) Demonstrate the use of time series.
		b) Analyse the results of simple and multiple linear regression.
		c) Apply the analytics in the functional areas.
		d) Comprehend the role of big data in the present context.
		e) Understand the emerging trends in business analytics.

		a) Understand the calculation of Depreciation and allowance
		b) Comprehend the assessment of partnership Firms and determine the tax liability.
		c) Comprehend the assessment of corporate entities and determine the tax liability.
		d) Equip with understanding of intensive knowledge on analysis of all forms of IIR Forms along with the Overview IIR Forms and e-filing.

		a) Comprehend the concepts of E-commerce
		b) Understand the e-retailing benefits and key success factors
		c) Analyse the benefits of EDI
		d) To understand Cyber security
		e) Know the Issues in E-commerce.



		a) Have the information on various vacancies notified by Central and State Government authorities as well as Private organizations.
		b) Solve the problems on quantitative aptitude, logical reasoning and analytical ability.
		f) Demonstrate the basic computer skills like MS word, MS excel, MS PPTs. Email etiquettes Etc.,
		g) Exhibit the communication and leadership skills.
		h) Conduct self SWOC analysis and set his career goals.


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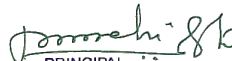


BOTANY

B.Sc.	Semester I (A-1): Microbial Diversity	1. Understand the fascinating diversity, evolution, and significance of microorganisms.
		2. Comprehend the systematic position, structure, physiology and life cycles of microbes and their impact on humans and environment.
		3. Gain laboratory skills such as microscopy, microbial cultures, staining, identification, preservation of microbes for their applications in research and industry.
	Semester II (A-2): Diversity of Non- Flowering Plants	1. Understand the diversity and affinities among Algae, Bryophytes, Pteridophytes and Gymnosperms.
		2. Understand the morphology, anatomy, reproduction and life cycle across Algae, Bryophytes, Pteridophytes and Gymnosperms, and their ecological and evolutionary significance.
		3. Obtain laboratory skills/explore non-flowering plants for their commercial applications.
	Semester III (A-3): Plant Anatomy and Developmental Biology	1. Observation of variations that exist in internal structure of various parts of a plant and as well as among different plant groups in support for the evolutionary concept.
		2. Skill development for the proper description of internal structure using botanical terms, their identification and further classification.
		3. Understanding the basic concepts in plant morphogenesis, embryology and organ development.
	Semester IV (A-4): Ecology & Conservation Biology	1. Understanding the fundamental concepts in ecology, environmental science and phytogeography.
		2. Concept development in conservation, global ecological crisis, Sustainable development and pros and cons of human intervention.
		3. Enable the student to appreciate bio diversity and the importance of various conservation strategies, laws and regulatory authorities and global issues related to climate change and sustainable development.
	Semester V (A-5): Plant Taxonomy &Resource Botany	1. Ability to identify, classify and describe the plants in scientific terms. Identification of plants using dichotomous keys.
		2. Recognition, processing and utilization of economically important plants.
		3. Skill development in processing of biomass and plant products as source of food, healthcare, energy and natural products.



	Semester V (A-6): Cell Biology & Genetics	1. Identify the basic principles and current trends in classical genetics and Cell biology.
		2. Recognize the historical process of the evolution of molecular genetics from classical genetics.
		3. Develop theoretical background on molecular genetics to provide a strong support for the student for future research and employability.
	Semester VI (A-7): Plant Physiology & Biochemistry	1. Preliminary understanding of the basic functions and intermediary metabolism in a plant body.
		2. Awareness on the interdisciplinary nature of botany, chemistry and physics by studying the principles of plant life, growth and reproduction.
		3. Recognizing the wonderful mechanism of transport and the Interrelationships existing between metabolic pathways thereby gaining and idea about the importance of plants in the dynamicity of nature.
	Semester VI (A-8): Plant Biotechnology	1. Learning of knowledge & skill in plant tissue culture, plant molecular biology and transgenic.
		2. Application of plant biotechnology in plant genomics, phylogenetic studies and metabolic engineering.
		3. Understanding of new molecular techniques in cell and metabolic manipulations.
	Semester VII (A-9): Molecular Biology	1. Understanding the mechanism and concepts of life process at molecular level through central dogma concept.
		2. Skill acquiring in the basic molecular biology techniques & characterization of micro- molecules.
		3. Acquiring the emerging technology skills in plant genetic engineering & proteomics.
	Semester VII (A-10): Seed Biology & Seed Technology	1. Understanding the seed structure and related functions, seed health and productivity.
		2. Technology for assessing the seed pathology, purity, and preservation.
		3. Learning the field and laboratory protocols of seed production, certification and quality.


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ECONOMICS

BA	DSC 1: Basic Economics - I (Economic Analysis -I)	1. Identify the facets of an economic problem.
		2. Learn basic economic concepts and terms.
		3. Explain the operation of a market system;
		4. Analyse the production and cost relationships of a business firm;
		5. Evaluate the pricing decisions under different market structures; and
		6. Use basic cost-benefit calculations as a means of decision making (i.e., thinking like an
	DSC-2: Contemporary Indian Economy	i. Understand the current problems of Indian Economy
		ii. Identify the factors contributing to the recent growth of the Indian economy
		iii. Evaluate impact of LPG policies on economic growth in India
		iv. Analyze the sector specific policies adopted for achieving the aspirational goals
	OEC 1.1: Kautilya's Arthashastra (OEC)	1. This course will enlighten the students about the ancient fundamentals about political and economic constituents, which will frame out a basic land of understanding the modern trends.
		2. This will help them to understand the upcoming needs in the area of policy making for states at national and international level.
		3. This treatise deals with the science of Governance, so it projects out all the dimensions needed to be understood by students about the present socio-economic and political rules and regulations of the state.
	OEC 1.2: Pre-Reforms Indian Economy (OEC)	i. Trace the evolution of Indian Economy
		ii. Identify the structural features and constraints of the Indian economy
		iii. Evaluate planning models and strategy adopted in India
		iv. Analyze the sector specific problems and contributions towards overall economic growth
		v. Review various economic policies adopted
	OEC 1.3: Development Studies (OEC)	1. Graduates will be able to excel in higher studies and/or to succeed in profession.
		2. Graduates will get a solid foundation of fundamentals required to solve socioeconomic problems and also to pursue higher studies.
		3. Graduates will demonstrate knowledge to appreciate of the dimensions of contemporary development issues, to generate sensitivity to problems concerning ethics and human values to develop orientation towards effective communication and
		4. critical analysis, and to appreciate the interrelationships among



		disciplines as they relate to everyday realities.
		5. Graduates will cultivate professional and ethical attitude, effective Communication skills, teamwork skills, multidisciplinary approach, and to facilitate an advanced understanding and appreciation of the principles, methodologies, value systems, and thought processes employed in human inquiries.

	DSC3: Basic Economics 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. Analyse the nature of business cycles and policies towards controlling them;
		5. Evaluate the macroeconomic policies for solving major problems like poverty and unemployment

	DSC 4: 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

	OEC 2.1 Contemporary Indian Economy	i. Understand the current problems of Indian Economy
		ii. Identify the factors contributing to the recent growth of the Indian economy
		iii. Evaluate impact of LPG policies on economic growth in India
		iv. Analyze the sector specific policies adopted for achieving the aspiration goals.

	OEC 2.2: Sustainable Development Goals	i. Understand the basic concept of Sustainable Development (SD), the environmental, social and economic dimensions.
		ii. Know the history of the SD idea.
		iii. Be able to discuss the conflicts which are involved in the SD concept on the national as well as on the global scale.
		iv. Be able to discuss the (dis-)advantages of instruments for SD; Evaluate the sustainable development goals and their attainments

	OEC 2.3: Business Environment	i. Explain the elements of Business environment.
		ii. Identify the environmental constraints in the growth of a business firm.
		iii. Analyze the ways to utilize the current environmental conditions to achieve higher business growth.



Microeconomic s	C01. Understand introductory economic concepts.
	C02. Recognize basic supply and demand analysis.
	C03. Recognize the structure and the role of costs in the economy.
	C04. Describe, using graphs, the various market models: perfect competition, monopoly, monopolistic competition, and oligopoly.
	C05. Explain how equilibrium is achieved in the various market models.
	C06. Identify problem areas in the economy, and possible solutions, using the analytical tools developed in the course.

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
	CO3. Calculate maxima and minima of function $8/63$

Rural Economics	C01. To Understand the basics of rural development,
	C02. To study the characteristics, problems, and programmes of rural redevelopment
	C03. To study the trends and patterns of economic activities in rural areas
	C04. To study the role of infrastructural facilities and governance in rural development
	C05. To enable the students to know about significance of rural enterprises and agricultural allied activities.

Economics of Insurance	C01. Gain knowledge relating to the importance of the insurance in the life of human beings.
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Economics of Human Development	C01. Differentiate between Human Resource Development (HRD), Human Development (HD) and HRM.
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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

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



Karnataka Economy	CO1. Understand the nature of economic growth and problems of Karnataka state.
	CO2. Explain the process of structural growth in Karnataka Economy
	CO3. Evaluate the policies and programmes undertaken by the Govt. of Karnataka for bringing about socio-economic development

Entrepreneurial Economies	CO1. Start own business as Entrepreneur
	CO2. Enabling the students to find career opportunities in business.
	CO3. To enable the students to gain knowledge and skills needed to run a business successfully.

Economics and Law	CO1. Comprehend the basic economic issues affecting the economy along with the related legal provisions
	CO2. Acquire knowledge on the basic provisions of law relating to consumer activities, business organizations, environment
	CO3. To appreciate the understanding the law framework in order to frame the economics model closer to reality.

Economics of GST	CO1. Acquire knowledge on indirect taxes with special reference to GST
	CO2. Acquire the theoretical and application knowledge of GST and its Evolution in India
	CO3. To enable the students to understand the GST Law, ITC, Valuation of supply and returns
	CO4. Simple calculation of GST and Input Tax Credit, Valuation of Supply (Numerical on valuation and calculation of tax)

Factor pricing and Welfare Economics	CO1. Understand the meaning of factor incomes and factor pricing.
	CO2. Recognize basic supply and demand analysis of factors in perfect and imperfect market simulations.
	CO3. Understand the meaning of social welfare and means to maximize it.
	CO4. Identify causes inhibiting attainment of maximum social welfare.

Basic Econometrics	CO1. The students will be able to carry out ordinary least square regressions
	CO2. As well as multiple regressions, which are at the very foundation of quantitative economic analysis.
	CO3. The course is designed to make students familiar with more complex cases where the standard assumptions of the classic linear regression may not hold.



Rural Economics	C01. To Understand the basics of rural development,
	C02. To study the characteristics, problems, and programmes of rural redevelopment
	C03. To study the trends and patterns of economic activities in rural areas
	C04. To study the role of infrastructural facilities and governance in rural development
	C05. To enable the students to know about significance of rural enterprises and agricultural allied activities.

Economics of Insurance	C01. Gain knowledge relating to the importance of the insurance in the life of human beings.
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Economics of Human Development	C01. Differentiate between Human Resource Development (HRD), Human Development (HD) and HRM
	C02. Understand the concepts of Human security, describe dimensions of human development, and appreciate various practices and policies of human development, HD and India.

Monetary Economics	C01. Understand the operation of the overall monetary economy and money
	C02. What constitutes supply and demand for money as well as theories and approaches.
	C03. Monetary policy and inflation and its impact on welfare

Time Series Economics	C01. Deal with comprehensive set of tools and techniques for analysing various forms of univariate and multivariate time series
	C02. Understand the current literature in applied time series.
	C03. Use statistical packages like STATA, E-views, SPSS and the like

Karnataka Economy	C01. Understand the nature of economic growth and problems of Karnataka state.
	C02. Explain the process of structural growth in Karnataka Economy
	C03. Evaluate the policies and programmes undertaken by the Govt. of Karnataka for bringing about socio-economic development

Entrepreneurial Economics	C01. Start own business as Entrepreneur
	C02. Enabling the students to find career opportunities in business.
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Economics and Law	C01. Comprehend the basic economic issues affecting the economy along with the related legal provisions
	C02. Acquire knowledge on the basic provisions of law relating to consumer activities, business organizations, environment
	C03. To appreciate the understanding the law framework in order



		to frame the economics model closer to reality.
		CO4. To enable the students to understand the consequences of legal rules, primarily as an exercise in applied microeconomics, macroeconomics, industrial and international economics.

	Economics of GST	CO1. Acquire knowledge on indirect taxes with special reference to GST
		CO2. Acquire the theoretical and application knowledge of GST and its Evolution in India
		CO3. To enable the students to understand the GST Law, ITC, Valuation of supply and returns
		CO4. Simple calculation of GST and Input Tax Credit, Valuation of Supply (Numerical on valuation and calculation of tax)

	Public Economics	CO1. Understand introductory Public Finance concepts.
		CO2. Study the causes of market failure and corrective actions
		CO3. Understand the impact, incidence and shifting of tax
		CO4. Study the Economic effects of tax on production, distribution and other effects
		CO5. Enable the students to know the Principles and Effects of Public Expenditure
		CO6. Understand the Economic and functional classification of the budget; Balanced and Unbalanced budget
		CO7. Understand the Burden of Public debt and know the Classical/Ricardian views, Keynesian and post-Keynesian views
		CO8. To acquaint with the advantages and disadvantages of Deficit Financing,

	Development Economics	CO1. Understand the basic concepts and measurements of Development.
		CO2. Learn some classical and partial theories of Development economics and identify the difference.
		CO3. Identify the difference between Developed and Developing Countries.


	Indian Banking and Finance	CO1. Understand the structure of Indian banking and the role of banks in monetary policy.
		CO2. Analyze the functioning of banks and different types of accounts and other services offered by banks.
		CO3. Evaluate recent developments in the Indian banking sector, including digital banking payment banks, and non-performing assets.



International Economics	Co1. Understand the international trade theories and their application in international trade
	co2. Explain the concept of terms of trade and demonstrate the effect of trade barriers; and display the ability to analyse the stages of economic integration
	C03. Understand the concept of BoP and assess the BoP position and examine the changes in for rate
	C04. Analyse the role of International trade and financial institutions
	C05. Demonstrate good inter-personal and communication skills through class participation and contributing to critical discussion on trade issues

Indian Public Finance	C01. Understand the structure of Indian Public Finance
	C02. Enable the students to know the Source and nature of public revenue and expenditure
	C03. Understand the Budget and different concept of deficits
	C04. Know the Public debt and its management
	C05. Understand the fiscal and monetary policy and their tools and importance
	C06. To enable the students to know the Indian federal financing system and Financial Commissions.

Environmental Economics	C01. Understand how economic methods can be applied to environmental issues facing society
	C02. Examine the linkages between Environmental Degradation and Economic Development
	C03. Develop an informed view regarding the potential of economics to help societies achieve their environmental goals
	C04. Demonstrate good inter-personal and communication skills through writing an essay and contributing to critical discussion
	C05. Analyze environmental problems and to assess environmental policies.


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ALGEBRA -I AND CALCULUS - I

MATDSCT 1.1: Algebra -I and Calculus - I	• Learn to solve the system of homogeneous and non homogeneous linear equations in m variables by using concept of rank of matrix, finding eigenvalues and eigenvectors.
	• Sketch curves in Cartesian, polar and pedal equations.
	• Geometrical representation and problem solving on MVT and Rolls theorems.
	• 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 rule.
	• Trace the curves.
MAT DSCP 1.1: Practicals on 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.
MAT OET 1.1: Mathematics - I	• 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 eigen vectors.
	• 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.
ALGEBRA - II AND CALCULUS - I	• Recognize the countable set and groups.
	• Link the fundamental concepts of groups and symmetries of geometrical objects.
	• Explain the significance of the notions of Costs, normal subgroups and factor groups. Finding the extreme values of functions.
	• Evaluate multiple integration.
MATDSCP 2.1: Practicals on 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 caleulus through FOSS



MATDSCT 3.1: Ordinary Differential Equations and Real Analysis - I	• Solve first-order non-linear differential equations and linear differential equations.
	• To model problems in nature using Ordinary Differential Equations.
	• Formulate differential equations for various mathematical models
	• Apply these techniques to solve and analyze various mathematical models.
	• Understand the fundamental properties of the real numbers that lead to define sequence and series, the formal development of real analysis.
	• Learn the concept of Convergence and Divergence of a sequence.
	• Able to handle and understand limits and their use in sequences, series, differentiation, and integration.

MATDSCP 3.1: Theory Based Practical's on Ordinary Differential Equations and Real Analysis-I	• Free and Open Source software (FOSS) tools or computer programming.
	• Solving exact differential equations
	• Plotting orthogonal trajectories
	• Finding complementary function and particular integral of linear and homogeneous differential equations.
	• Acquire knowledge of applications of real analysis and differential equations.
	• Verification of convergence divergence of different types of series.

MATDSCT 4.1: Partial Differential Equations and Integral Transforms	• Solve the Partial Differential Equations of the first order and second order
	• Formulate, classify and transform partial differential equations into canonical form.
	• Solve linear and non-linear partial differential equations using various methods; and apply these methods to solving some physical problems.
	• Able to take more courses on wave equation, heat equation, and Laplace equation.
	• Solve PDE by Laplace Transforms and Fourier Transforms

MATDSCP 3.1: Theory Based Practical's on Ordinary Differential Equations and Real Analysis-I	• Free and Open Source software (FOSS) tools or computer programming.
	• Solving exact differential equations
	• Plotting orthogonal trajectories
	• Finding complementary function and particular integral of linear and homogeneous differential equations.
	• Acquire knowledge of applications of real analysis and



		differential equations.
MATDSCT 4.1: Partial Differential Equations and Integral Transforms		<ul style="list-style-type: none"> • Solve the Partial Differential Equations of the first order and second order
		<ul style="list-style-type: none"> • Formulate, classify and transform partial differential equations into canonical form.
		<ul style="list-style-type: none"> • Solve linear and non-linear partial differential equations using various methods; and apply these methods to solving some physical problems.
		<ul style="list-style-type: none"> • Able to take more courses on wave equation, heat equation, and Laplace equation. • Solve PDE by Laplace Transforms and Fourier Transforms
MATDSCP 4.1: Practical's on Partial practical		<ul style="list-style-type: none"> • Learn Free and Open Source software (FOSS) tools or computer programming.
		<ul style="list-style-type: none"> • Solve problems on Partial Differential Equations and Integral Forms
		<ul style="list-style-type: none"> • To find Laplace transform of various functions
		<ul style="list-style-type: none"> • To find the Fourier Transform of periodic functions • To solve differential equations by using Integral transforms.
Mechanics and Properties of Matter		PO-1: Discipline Knowledge: Knowledge of science and ability to apply to relevant areas.
		PO-2: Problem solving: Execute a solution process using first principles of science to solve problems related to respective discipline.
		PO-3: Modern tool usage: Use a modern scientific, engineering and IT tool or technique for solving problems in the areas of their discipline.
		PO-4: Ethics: Apply the professional ethics and norms in respective discipline.
		PO-5: Individual and teamwork: Work effectively as an individual as a team member in a multidisciplinary team.
Electricity and Magnetism		1. Discipline Knowledge: Knowledge of science and ability to apply to relevant areas.
		2. Problem solving: Execute a solution process using first principles of science to solve problems related to respective discipline.
		3. Modern tool usage: Use a modern scientific, engineering and IT tool or technique for solving problems in the areas of their discipline.
		4. Ethics: Apply the professional ethics and norms in respective disciplines.



Lifelong learning / Self Directed Learning	1. Disciplinary knowledge
	2. Communication Skills
	3. Critical linking, Reflective thinking, Analytical reasoning, Scientific reasoning
	4. Problem-solving
	5. Research-related skills
	6. Cooperation/ Teamwork/ Leadership readiness/Qualities
	7. Information/ Digital literacy/Modern Tool Usage
	8. Environment and Sustainability
	9. Multicultural competence
	10. Multi-Disciplinary
	11. Moral and ethical awareness/Reasoning
	12. Lifelong learning / Self Directed Learning

Classical Mechanics and Quantum Mechanics- I	<ul style="list-style-type: none"> Identify the failure of classical physics at the microscopic level.
	<ul style="list-style-type: none"> Find the relationship between the normalization of a wave function and the ability to correctly calculate expectation values or probability densities.
	<ul style="list-style-type: none"> Explain the minimum uncertainty of measuring both observables on any quantum state.
	<ul style="list-style-type: none"> Describe the time-dependent and time-independent Schrödinger equation for simple potentials like for instance one-dimensional potential well and Harmonic oscillator.
	<ul style="list-style-type: none"> Apply Hermitian operators, their eigenvalues and eigenvectors to find various commutation and uncertainty relations.

Elements of Atomic, Molecular and Laser Physics	1. Describe atomic properties using basic atomic models.
	2. Interpret atomic spectra of elements using vector atom model.
	3. Interpret molecular spectra of compounds using basics of molecular physics.
	4. Explain laser systems and their applications in various fields.

Elements of Condensed Matter Physics and Nuclear Physics	<ul style="list-style-type: none"> Explain the basic properties of nucleus and get the idea of its inner information.
	<ul style="list-style-type: none"> Understand the concepts of binding energy and binding energy per nucleon v/s mass number graph.
	<ul style="list-style-type: none"> Describe the processes of alpha, beta and gamma decays based on well-established theories.
	<ul style="list-style-type: none"> Explain the basic aspects of interaction of gamma radiation with matter by photoelectric effect, Compton scattering and pair production.
	<ul style="list-style-type: none"> Explain the different nuclear radiation detectors such as ionization chamber, Geiger-Mueller counter etc
	<ul style="list-style-type: none"> Explain the basic concept of scintillation detectors, photo-multiplier tube and semiconductor detectors.



Electronic Instrumentation and Statistical Physics	<ul style="list-style-type: none"> Identify different types of tests and measuring instruments used in practice and understand their basic working principles.
	<ul style="list-style-type: none"> Get hands on training in wiring a circuit, soldering, making a measurement using an electronic circuit used in instrumentation.
	<ul style="list-style-type: none"> Have an understanding of the basic electronic components viz., resistors, capacitors, inductors, discrete and integrated circuits, colour codes, values and pin diagram, their practical use.
	<ul style="list-style-type: none"> Understanding of the measurement of voltage, current, resistance value, identification of the terminals of a transistor and ICs.
	<ul style="list-style-type: none"> Identify and understand the different types of transducers and sensors used in robust and hand-held instruments.
	<ul style="list-style-type: none"> Understand and give a mathematical treatment of the working of rectifiers, filter, data converters and different types of transducers.
	<ul style="list-style-type: none"> Connect the concepts learnt in the course to their practical use in daily life.
	<ul style="list-style-type: none"> Develop basic hands-on skills in the usage of oscilloscopes, MultiMate's, rectifiers, amplifiers, oscillators and high voltage probes, generators and digital.

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POLITICAL SCIENCE

	BASIC CONCEPTS IN POLITICAL SCIENCE	• Political Science conceptually and will gain knowledge to explain and analyze pragmatic politics in day to day life.
		• The dynamics of politics and appreciate its importance in a life of citizen.
		• The democratic spirit and the democratic functioning of a state.
	POLITICAL THEORY	• The nature, relevance of Political Theory and its application.
		• And analyse the concepts like Liberty, Equality, Justice and Rights.
		• And to reflect upon the current debates in Political Theory.
	HUMAN RIGHTS	• Explain the basic concept of Human Rights and its various formulations.
		• Have necessary knowledge and skills for analyzing, interpreting, and applying the Human Rights standards and sensitize them to the issues.
		• Develop ability to critically analyse Human Rights situations around them.
	ELEMENTS OF INDIAN DEMOCRACY	• Understand the ideals of Indian Democracy and its working.
		• The functioning of Legislature, Executive and Judiciary.
		• Make a distinction between Centre, State and Decentralised Institutions.
	UNDERSTANDING POLITICS 1.3	• Explain the difference between State and Nation.
		• Understand the role of State in Nation building.
		• Understand the relation of Politics and Power.
	WESTERN POLITICAL THOUGHT	• C And get an introduction to the Schools of Political Thought and Theory building in the West.
		• I: And introduce the richness and variations in the political perceptions of Western Thinkers.
		• C And familiarize themselves to the Thought and Theory of Western Philosophy.
	INDIAN NATIONAL MOVEMENT AND CONSTITUTIONAL DEVELOPMENT	• Understand how the colonial rule was overthrown by the Indian nationalists.
		• Appreciate the ideals and values of Gandhi and other freedom fighters that resulted in freedom.
		• Examine the problem of Independent India and the role played by leaders in solving them.



	INDIAN POLITY AND CONCERNS	• Understand the reasons behind the causes of these issues and also the constitutional provisions that existed.
		• Familiarize with the debates that emerged.
		• Be able to suggest the measures to control such issues.
	POLITICAL PARTIES AND PARTY POLITICS IN INDIA	• Understand the need for political parties in a Democracy, their structure, functions and types etc.
		• Relate their everyday life with regard to the elements of Democracy and their contribution to the development of a Nation.
		• Familiarise them to the various politico-social institutions in a Democracy.
	COLONIALISM AND NATIONALISM IN INDIA	• Explain the colonial experience of Indian people.
		• Analyse the western notion towards non-western culture, society and politics including India's response.
		• Evaluate the discussions on the concept of Nationalism and its (western) origin.
	INDIAN GOVERNMENT AND POLITICS	• Learn how the governments both at the union as well state level operates and what are its challenges.
		• Understand the characteristics of power structures in India and the response of the political parties to the socio-political dynamics.
		• Measure and understand the effects of judicial decisions on policy making and social development in India.
	PARLIAMENTARY PROCEDURES IN INDIA	• Aim at understanding the procedural aspects of parliamentary system of governments.
		• Learn about the privileges of people's representatives and match it with their performance.
		• Understand the working of committees, budgetary aspects and deliberative mechanism within the parliament.
	GENDER AND POLITICS	• Answer how ideologies have shaped the women in politics
		• Bring awareness of the relevance of gender issues in politics.
		• Bring awareness of the relevance of gender issues in politics.
	UNDERSTANDING GANDHI	• Be able to explain the idea of truth and non-violence which is the foundation of Gandhian Philosophy.
		• Be able to explain the idea of truth and non-violence which is the foundation of Gandhian Philosophy.
		• Be able to explain the idea of truth and non-violence which is the foundation of Gandhian Philosophy.
	CITIZEN, CITIZENSHIP AND	• Take part in social reconstruction as responsible individuals and will learn to develop own identities.
		• Demonstrate pro-social behaviour towards others, including



	THE INDIAN CONSTITUTION	<p>those belonging to a different race, ethnicity, culture, colour, gender or nationality.</p> <ul style="list-style-type: none"> Understand and appreciate rights and privacy of other fellow citizens.
	INDIA AND INDIAN CONSTITUTION	<ul style="list-style-type: none"> Explain the philosophy of the Constitution and its structure. Measure the powers and functions of various offices under the Constitution. Demonstrate the Indian values, Ideals and the role of Constitution in a Democracy
	ANCIENT INDIAN POLITICAL IDEAS AND INSTITUTIONS	<ul style="list-style-type: none"> Reflect on the native concepts like Dharma, Rajadharma, Nyaya, Viveka etc., in the light of their modern connotations. Understand the role of texts and stories in the Indian context by reflecting upon our own experiences. Revisit our own socio-political structures through the textual and non-textual sources from the early Indian period in order to quell the European representation of Indian Society and heritage.
	MODERN POLITICAL ANALYSIS	<ul style="list-style-type: none"> Understand the key concepts of Political Institutional working and science within them. Be familiar with the Phenomenon of politics and various explanations relating to the influences that should the decision making process. Help the students to visualize the working of political institutions and the process of decision making through diagrammatic presentations.
	GOOD GOVERNANCE IN INDIA	<ul style="list-style-type: none"> Understand the difference between traditional fom of Administration and the concept of Governance Get a perspective of changing modes of Governance with the examples drawn from central and state Governments, Appreciate the participation of citizens in day to day Administration through a charter and other programmes like Sakala, Bhoomi etc.
	UNDERSTANDING Dr. B.R. AMBEDKAR	<ul style="list-style-type: none"> Be able to understand his life, mission, vision and his key role in the making of the Indian Constitution. Be able to understand his life, mission, vision and his key role in the making of the Indian Constitution. Be able to understand his life, mission, vision and his key role in the making of the Indian Constitution.
	POLITICAL JOURNALISM	<ul style="list-style-type: none"> Understand the skills of reporting and research insights about the system and is structural contours focusing on Politics. Carry out political reporting covering Government and Governance, campaigns and candidates, tactics and strategic



		<p>and policy issues in the public arena.</p> <ul style="list-style-type: none"> Carry out political reporting covering Government and Governance, campaigns and candidates, tactics and strategic and policy issues in the public arena.
	INDIA AND INDIAN CONSTITUTION	<ul style="list-style-type: none"> Explain the philosophy of the Constitution and its structure. Measure the powers and functions of various offices under the Constitution. Measure the powers and functions of various offices under the Constitution.
	INTERNATIONAL RELATIONS-BASIE CONCEPTS	<ul style="list-style-type: none"> Be in a position describe National interest, National power and the significance of sovereignty. The students will get the basic knowledge of the practical political world, including the operating institutions, processes, and policies. The students will be in a position to describe the nuances of balance of power, collective security and diplomacy.
	Comparative Government and Politics	<ul style="list-style-type: none"> Grasp and understand the working of constitutional systems of these countries. Compare and evaluate the working of the governments concerned. Understand and explain different forms of executive and their functioning.
	Karnataka Government and Politics	<ul style="list-style-type: none"> Understand the social and political conditions of Mysore under colonial rule. Develop perspectives on the important persons and organisations that were involved in the process of unification. Analyse the issues related to regionalism, polarisation, identity politics, water, language, and border issues.
	International Relations-Theoretical Aspects	<ul style="list-style-type: none"> Make presentations on theories identifying them with examples, which are both critical and reflective in a live engaging class. Explain theories by relating them to contemporary events across the globe. Interpret world affairs in the light of theories which will serve as a key intellectual tool for them explains the events with rational basis.



	Public Policy Analysis	<ul style="list-style-type: none"> • Know the constitutional and legal positions of policy making. • Understand the Tole of legislature and executive in policy making and implementation. • Learn about the role of research institutions in policy making and the politics involved in it.
	Modern Indian Political Thinkers	<ul style="list-style-type: none"> • Know the background political ideas of making modern Indian Political System. • Understand the different shades of political ideas in Modern India. • Learn about the role political thinking in resolving socio-political problems of the country.


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SOCIOLOGY

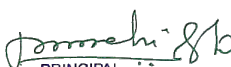
Changing Social Institutions in India	1. Identify the new forms taken by institutions of family and marriage
	2. Understand the role played by religion in modern world
	3. Sensitise the students to the conflicting norms of secularism and living by one's religious beliefs
	4. Appreciate the role of education and challenges in making education accessible to all
	5. Recognise 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
Foundations of Sociological Theory	1. Contextualise the social and intellectual background of classical sociologists
	2. Appreciate the contemporise of classical sociological thought
	3. Appreciate the need for thinking in theoretical terms and concepts
	4. Demonstrate Basic Understanding of Theory and Research
Sociology of Rural Life in India	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
Indian Society: Continuity and Change	1. Analyse 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 globalisation and its impact on Indian society and communicate in clear terms
	5. Communicate critical observations with clarity
Sociology of Everyday Life	1. Look at the familiar world from a new perspective
	2. Able to appreciate how our social world is constructed
	3. Able to communicate effectively in written and oral formats
Society Through Gender Lens	1. Understand the role of socialisation as a constructor of gender roles and status
	2. Appreciate the role of deigning 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
	Social Development in India	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. Recognise the necessity for focus on changing social values to realise the full potential of growth
	Social Stratification and Course 6: Sociology of Urban Life in India Mobility	1. Understand the nature and role of social stratification
		2. Recognise different types of stratification and mobility
		3. Describe different types of social stratification and mobility
		4. Critically understand and analyse different theories of social stratification
	DSC 6: Sociology of Urban Life in India	1. Define the basic concepts of Urban Sociology
		2. Identify and describe different types of city
		3. Analytically understand theoretical issues related to urban society
		4. Critically evaluate urban policies
	DSC 5: Sociology of Marginalised Course 8: Population and Society	1. Knowledge of marginalisation and marginalised groups in India
		2. Understand the impact of powerlessness in social life
		3. Ability to participate and critically view efforts undertaken to address inequalities
	DSC 8: Population and Society	1. Define the basic concepts of population studies
		2. Understand the dynamics of population from sociological perspectives
		3. Understand problems around India's population
		4. Critically analyse population policies of India
	Sociology of Youth	1. Recognise and explain how sociologists conceptualise and study youth and youth hood
		2. Understand how youth evolve in the context of social, economic and cultural settings
		3. Understand concerns and problems of youth



	Social Entrepreneurship	1. To provide knowledge about social entrepreneurship
		2. To help to develop social entrepreneurship imagination
		3. To help them to start their own social enterprise or not for profit start up as well as act innovative in the already working organisation
	DSC 9:	1. Understand the scope and need for social entrepreneurship
		2. Plan and implement socially innovative ideas
		3. Equipped to start their own social enterprise or non for profit organisation
	Tribal Society.	1. To provide basic knowledge about social organisation among tribals, with specific focus on Karnataka
		2. Critically understand the implications of changes occurring
		3. Undertake micro research work and communicate effectively
	DSC 11: Statistics in Sociological Research	1. Use appropriate research method
		2. Use appropriate statistical techniques
		3. Summarise data, examine relationships among variables
	DSC 13: Sociology of Health	1. Appreciate the significant relationship between society and culture
		2. Distinguish between health, well-being, illness and disease
		3. Critique the role of medical doctors, paramedics, pharmaceutical industry and social institutions in maintaining and promoting health
	DSC 15: Education and Knowledge Society	1. Identify the enabling factors associated with education as a tool of development
		2. Critique the educational practices and ideologies
		3. Critique the policies and programmes associated with education
	DSC 16: Modern Sociological Theories	1. View and analyse social scenario from different
		2. Critique the social practices and ideologies
		3. Identify and analyse the dynamics of social structure and change


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Zoology

	Cytology, Genetics	1. Use simple and compound microscopes.
		2. Prepare stained slides to observe the cell organelles.
		3. Be familiar with the basic principle of life, and the process of cell division.
	Cell Biology & Cytogenetic	1. Use simple and compound microscopes.
		2. Prepare stained slides to observe the cell organelles.
		3. Be familiar with the basic principle of life, and the process of cell division.
	Biology of Non-chordates	1. Learn the structural biology of non-chordates through their adaptive features.
		2. Study the functional biology of non-chordates through their body organization and its function.
		3. Comprehend identification of species and their evolutionary relationships.
		4. Acquire research skills such as critical thinking.
		5. Develop abilities required for industrial employment as well as self-employment.
	Economic Zoology	1. Gain knowledge about silkworm rearing and their products.
		2. Gain knowledge on Bee keeping equipment and apiary management.
		3. Acquire knowledge on dairy animal management, the breeds and diseases of cattle and learn the testing of egg and milk quality.
		4. Acquire knowledge about the culture techniques of fish and poultry.
		5. Understand the basic procedure and methodology of vremiculture.
	Vermiculture Course	1. Understand the importance of earthworms in maintaining soil quality.
		2. Learn that the vermicomposting is an effective organic solid waste management method.
		3. Get acquainted with the importance of earth worms in agro-based economic activity.
		4. Know that vermicomposting leads to organic farming and healthy food production.
		5. Understand that vermicomposting may be taken up as a small scale industry by the farmers and unemployed youth.
		6. Get jobs in teaching institutions or vermiculture units as technicians.
		7. Learn the concept of vermicomposting as bio fertilizers thus



		student can become an entrepreneur a after completion of the course.
		8. Get best opportunity for self-employment and lifelong learning with farmers.

Biochemistry and Physiology	1. Develop a deep understanding of structure of biomolecules like proteins, lipids and carbohydrates.
	2. Understand how simple molecules together form complex macromolecules.
	3. Understand the thermodynamics of enzyme catalyzed reactions.
	4. Know mechanisms of energy production at cellular and molecular levels.
	5. Understand various functional components of an organism.
	6. Explore the complex network of these functional components.
	7. Comprehend the regulatory mechanisms for maintenance of function in the body.

Biochemistry and Physiology	1. Understand the basic structure of biomolecules through model making.
	2. Develop the skills to identify different types of blood cells.
	3. Develop basic laboratory skills like keen observation, analysis and discussion
	4. Gain knowledge about functional attributes of biomolecules in animal body.
	5. Understand the uniqueness of enzymes in animal body and their importance through enzyme kinetics.

Paper I- Biology of chordates	1. Learn the structural biology of Chordates through their adaptive features.
	2. Study the functional biology of Chordates through their body organization and functions.
	3. Comprehend the identification of species and their evolutionary relationships.
	4. Acquire the research skills like critical thinking.
	5. Develop abilities required for industrial employment as well as self-employment.

Lab on Biology of Chordates	1. Understand basics of classification of Chordates.
	2. Learn the diversity of habit and habitat of animal species.
	3. Develop the skills to identify different classes and orders of Chordates.
	4. Know uniqueness of particular animal and its importance
	5. Acquire basic laboratory skills like keen observation and drawing.



Parasitology	1. Know the stages of the life cycles of the parasites and infective stages.
	2. Develop ecological model to know population dynamics of parasite, establishment of parasite population in host body, adaptive radiations and methods adopted by parasite to combat with the host immune system.
	3. Develop skills and realize significance of diagnosis of parasitic infection and treatment.
	4. Understand about diseases caused by Protozoa, Helminthes, Nematodes and Arthropods at molecular level.
	5. Develop their future career in medical sciences and related administrative services.

Sericulture Course	1. Sericulture is an agro-based industry which gives economic empowerment to the students.
	2. Sericulture may be taken up as a small scale industry by the small farmers and unemployed youth.
	3. Get jobs in teaching profession, silk board and other Govt. institutions as technicians.
	4. Student can be self-employed after successful completion of the course.

Molecular Biology, Bioinstrumentation	1. Acquire better understanding and comprehensive knowledge regarding most of the essential aspects of Molecular Biology subject which in turn will provide a fantastic opportunity to develop professional skills related to the field of molecular biology.
	2. Gain knowledge on principal molecular events of cell incorporating DNA Replication, Transcription and Translation in prokaryotic as well as eukaryotic organisms.
	3. Acquire skills in instrumentation and techniques in biology.

Molecular Biology, Bioinstrumentation	1. Understand the applications of biophysics and principle involved in bio-instruments.
	2. Understand the methodology involved in bio techniques.
	3. Acquire knowledge and practical skills of using instruments in biology and medical field.
	4. Perform techniques involved in molecular biology and diagnosis of diseases.

Gene Technology	1. Acquire knowledge on versatile tools and techniques employed in genetic engineering and recombinant DNA technology.
	2. Apply knowledge on genetic engineering techniques in basic and applied experimental biology.
	3. Acquire a fundamental working knowledge of the basic principles of immunology.



		4 Understand the mechanisms and significance of immune functions.
		5. Design experiments and perform data interpretation by applying the principal statistical methods and infer the significance of experimental results.
		6. Learn use of statistical software and its applications in biology.

	ENDOCRINOLOGY	1. Differentiate among endocrine, paracrine and autocrine systems.
		2. Describe the different classes and chemical structures of hormones.
		3. Identify the glands, organs, tissues and cells that synthesize and secrete hormones, hormone precursors and associated compounds.
		4. Identify and discuss the integration of the endocrine system in general with focus on specific interactions.
		5. Explain the consequences of under- and overproduction of hormones.

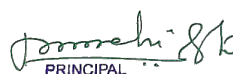
	Animal Behaviour	1. Examine and critically to evaluate the emergence of ideas that have shaped how we observe and collect data on animal behaviour.
		2. Understand the main historical ideas that underpin animal behaviour theory
		3. Critically review hypotheses to explain animal behaviour
		4. Understand different methods for collecting data on animal behavior
		5. Understand the methods and significance of different types of communications.

	Non-Chordates and Economic Zoology (Theory)	CO1. Group animals on the basis of their morphological characteristics/ structures.
		CO2. Demonstrate comprehensive identification abilities of Non-Chordate diversity
		CO3. Explain structural and functional diversity of Non-Chordates
		CO4. Develop understanding on the diversity of life with regard to protists, nonchordates and chordates.
		CO5. Examine the diversity and evolutionary history of a tax on through the construction of a basic phylogenetic/ cladistics tree.
	Non-Chordates and Practical	1. Understand basics of classification of non-chordates.
		2. Learn the diversity of habit and habitat of these species.
		3. Develop the skills to identify different classes and species of animals.
		4. Know uniqueness of a particular animal and its importance 5. Enhancement of basic laboratory skill like keen observation and drawing.



Chordates and Comparative Anatomy (Theory)	CO1. To demonstrate comprehensive identification abilities of chordate diversity
	CO2. Able to explain structural and functional diversity of chordate diversity
	CO3. To understand evolutionary relationship amongst chordates
	CO4. To take up research in biological sciences.
	CO5. To realize that very similar physiological mechanisms are used in very diverse organisms.
	CO6. To Get a flavor of research by working on project besides improving their writing skills. It will further enable the students to think and interpret individually.

Environmental Biology, Wildlife Management & Conservations (Theory)	CO1. Develop an understanding of how animals interact with each other and their natural environment.
	CO2. Develop the ability to use the fundamental principles of wildlife ecology to solve local, regional and national conservation and management issues.
	CO3. Develop the ability to work collaborative team-based projects.
	CO4. Gain an appreciation for the modern scope of scientific inquiry in the field of wildlife conservation management.
	CO5. Develop an ability to analyze, present and interpret wildlife conservation management in formation.


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