

List of Employability Courses:

<i>Course Code</i>	<i>Course Title</i>	<i>Brief Justification</i>
CLB18401 CR	Internship Dessertation	This course involves a dessertation work based on six-month duration training in biochemical research / diagnostic techniques carried out at various state and national medical and research institutes such as AIIMS, SKIMS, IISc, NCBS, CDFD, CCMB etc. The students get well exposed and trained in different advance procedures and laboratory techniques which increases their employability prospects for various research & higher academic positions at national and international stage.

List of Entrepreneurship Development Courses:

<i>Course Code</i>	<i>Course Title</i>	<i>Brief Justification</i>
CLB18304 CR	Lab Course-III	In this core course of 4 credits involving 9-12 weekly hours training for the full 3rd semester, students embark on a hands-on journey through diverse diagnostic techniques. They learn the estimation of serum biomarkers such as albumin, lipids, bilirubin, and enzymes like ALT and AST. The course covers urine analysis, subcellular fractionation, and marker enzyme activities. Students delve into hemoglobin analysis, thyroid function tests, and autoimmune markers like antinuclear antibodies. The lab extends to separation techniques, TLC/DLC,
		and electrolyte estimation. Practical demonstrations include PCR variants (RFLP, RT-PCR/Q-PCR), emphasizing diagnostic applications. The comprehensive range of tests spans liver and biliary tract, renal diseases, and various biochemical analyses. This lab course equips students with essential diagnostic skills for diverse medical scenarios. All this training & exposure eqips ours students to opt for starting their own enterpreneurship avenues.

List of Skill development Courses:

<i>Course Code</i>	<i>Course Title</i>	<i>Brief Justification</i>
CLB18401 CR	Internship Dessertation	This course involves a dessertation work based on six-month duration training in biochemical research / diagnostic techniques carried out at various state and national medical and research institutes such as AIIMS, SKIMS, IISc, NCBS, CDFD, CCMB etc. The students get well exposed and trained and learn advance skill-set in different procedures and laboratory techniques which increases their employability prospects for various research & higher academic positions at national and international stage.