CAP100M:PROGRAMME ORIENTATION

L:2   T:0   P:0   Credits:2

Course Outcomes: Through this course students should be able to

CO1 :: learn about the companies, technologies existing in the IT industry

CO2 :: understand the role of career pathways, course outcomes, program outcomes, star courses and specialization for achieving the career goal

CO3 :: analyze the essentials skills, certifications, competitions supportive for the professional progress

CO4 :: compose the Dream CV to get into the dream company

Unit I

Awareness about program and its structure : description of program, duration of the program, program educational outcomes (PEO), program objectives (PO), program specific outcome (PSO) & course outcome (CO), six career pathways at LPU, why STAR courses, STAR course pedagogy and evaluation, salient highlights of the specializations and electives in the program, what is super 30 model

Unit II

Companies and the profiles : product & service based companies, FAANG & Fortune 500 companies, Technical profiles (Software Developers, Data Analysts, Network Analyst), Semi Tech profiles (BDEs, Tech Supports, Content Development), Non Tech profiles (Associate Recruiters, Research Analysts, Product Marketing Analysts), identifying and listening to the role models and professional leaders such as country head, CTO etc., essential skills required for the profiles, profile transitions in a company

Unit III

Technology evolution : ideal technologies for product and service based companies, technologies for different IT verticals (fintech, healthtech, edutech), evolution of technologies (DBMS to RDBMS, SGML to DHTML etc.), Job scenario as per world economic forum & professional societies for different technologies, technology focus & inputs during the program such as Cloud Computing, IOT, Data Science, Machine Learning, web development etc.

Unit IV

Role of projects, competitive participation, digital presence : why technology based project is a major expectation by the companies, students project vs industry project, importance of digital presence on professional platforms, technical community forums, professional clubs, societies associated with technologies and companies

Unit V

Mentoring by Alumni : success stories of alumni excelled in research, industry and entrepreneurship, network building through different sources like LinkedIn, glass door etc, alumni mentor-mentee association

Unit VI

Engagement of freshmen in identifying their dream careers : Creating first career profile (first step towards the DREAM CV), defining roadmap for short term/ long term career plan, introduction to Gantt chart, role of CV, do's and don'ts in CVs, pitfalls in CV's,, in-print CVs vs video CVs,, components creation of the professional profile

References:

1. IT CAREER: A ROAD MAP by CHUKKY OPARANDU, CREATESPACE INDEPENDENT PUBLISHING PLATFORM