MCA and MCA (Hons.) – Highlights

Comparison of Post Graduate Computer Applications Programmes

Highlight/ Parameter	MCA	MCA (Hons.)	Perceived Benefit (Hons.)
Eligibility and Admission Criteria	Pass with **60% aggregate marks** in BCA or B.Sc. (Computer Science) or B.Sc. (Information Technology) or any Graduation with Computer Science as a subject for three years OR B.A. or B.Com. or B.Sc. (any Graduation) with (Mathematics as one of the subject at Graduation or 10+2 level) or equivalent, subject to qualifying **LPUNEST.**	Pass with **60% aggregate marks** in BCA or B.Sc. (Computer Science) or B.Sc. (Information Technology) or any Graduation with Computer Science as a subject for three years of Graduation or equivalent, subject to qualifying **LPUNEST.**	Being among the high achievers, you will be able to take advantage of the peer-to-peer learning.
Specialization Areas and No. of courses	Specialization Areas: **Three** • Cyber Security • Data Science • Web Development **Four** courses in each SpecializationAreas.	**Five** courses in the opted specialization. One specialization area (offered in tie-up with Industry 'TransOrg Analytics' to be offered in Data Science	• More input in term of no. of courses to provide breadth and depth in the chosen area. • Early start of specialization courses to give focused inputs • Specializations offered in tie-up with Industry only providing direct input from the experts who are working on the industry solutions.
Innovative Courses - **As per Industry requirements** - **Technology/ Software oriented courses**	Every specialization consists of courses that are innovative and are as per industry requirements.	Enterprising courses as per industry requirements delivered by Professionals/Experts: ● Introduction to Data Management ● Probability and Statistics for Data Science ● Data Science with Python ● Data exploration and preparation ● Data Visualization and storytelling	More industry aligned innovative courses to equip students with updated inputs.

Seed Money	Students participate in competitions organized by university related to entrepreneurship, startups and idea generation on voluntary basis.	**Seed money to design & develop Software/ Mobile App** (Rs. 10,000 per student): Student may be required to design a commercially viable software/mobile app which shall be evaluated based on creativity, innovation and applicability.	
Courses by Industry experts (Blended Mode)	Lectures by industry experts at regular intervals.	**Around 25% courses** to be taught in online/ blended mode by Industry experts	Teaching by Industry experts will bring varied experiences, deliberations on real life industry problems and global perspective in teaching.
Competitions/ Bootcamps/ Datathons/ Hackathons/ Codefests	Students get ample opportunities to participate in these competition on voluntary basis.	**Bootcamps/ Hackathons** Coding intense training/ hands-on sessions to instil problem solving aptitude. Students may participate in various Institutional, National and International competitions to earn curriculum credits/ grades.	Every student will get opportunity to participate in Boot camps/ Datathons/ Hackathons/ Code fests. Will enhance analytical and competitive Skills of the students along with earning Credits.
International exchange	**Four weeks study tour** to USA/ European countries or any other country	**Four weeks study tour** to USA/ European countries or any other country	
INDUSTRY- Live Projects	**Live Projects** (Evaluated and Graded) On-campus or Off-campus projects like: - Community project - Capstone project (s).	**Live Projects** (Evaluated and Graded) On-campus or Off-campus projects like: - Community project - Capstone project (s).	More guided projects to give hand-on Exposure to the students on Industry problems.
INDUSTRY - Mentors	Academic mentors are appointed for each student. Interaction with alumni and industry experts are conducted to make them aware about upcoming trends in the industry.	University provide an **Industry mentor** for technical handholding, industry orientation and career guidance.	The program offers students an opportunity to learn about the way Industry operates under the guidance of professionals.

INDUSTRY - Attachment/ Internship	• On-the-Job Training (OJT) opportunities for students placed in 3rd or 4th term • Summer Training – 4 to 6 weeks after 1st Year	• On-the-Job Training (**OJT**) opportunities for students placed in 3rd or 4th term - Summer Training – 4 to 6 weeks after 1st Year	
Induction Programme	Engaging and immersive **Three-days induction programme** having Orientation sessions to the different central divisions like academic affairs, Examination, Student welfare, Student career services etc. Experiential Learning Activities: Alumni Talks, Career Guidance Sessions, Team Building Activities, Pre Team on Conceptual Clarity, Road Map Ahead.	Engaging and immersive **one-week induction programme** having: Experiential Learning Activities: Experts Talks, Career Guidance Sessions, Team Building Activities, Pre Team on Conceptual Clarity, Road Map Ahead.	Elaborate induction programme to enable students.