Attend online lectures over weekends Lectures are conducted live via online classes. These lectures can be attended via the internet using a computer from any location. These online classrooms offer similar levels of interactivity as regular classrooms at the BITS Pilani campus. Classes for students admitted during the period July 2023 - Oct 2023 will begin in Oct / Nov 2023. The class schedule is announced within 1 week of completion of the admission process. The online lectures are conducted usually over weekends for a total of 7-8 hours per week. If you miss a lecture, you can also access the recorded lecture on the internet. Lectures are conducted on Sat/Sun as per Indian Standard Time. Case studies and assignments Carefully chosen real-world cases & assignments are both discussed and used as problem-solving exercises during the programme. Dissertation The fourth semester offers an opportunity for learners to apply their knowledge gained during the programme to a real-world like complex project. The learner is expected to demonstrate understanding of vital principles learnt across semesters and their ability to successfully apply these concepts. Experiential learning The programme emphasises on Experiential Learning that allows learners to apply concepts learnt in classroom in simulated and real work situations. This is achieved through: Tools & Technologies covered Learning methodology Tools & Technologies covered

Continuous assessment

The learners' performance is assessed continuously throughout the semester using various tools such as quiz, assignments, mid-semester and comprehensive exams. The assessment results are shared with the learners to improve their performance. Each course will entail a minimum of 1 Assignment/ Quiz, a Mid-semester exam and a final Compre-hensive exam. Your semester calendar will indicate the dates of the Mid-semester and Comprehen- sive exam.Online Exams facility available. Typically, a Mid-semester or Comprehensive examination for a course is for 2-3 hours duration. The examinations are typically conducted over a weekend, i.e. Saturday and Sunday. Supplementary learning In addition to live weekly online lectures, supplementary live online sessions will be organised periodically comprising of tutorials, doubt-clearing interactions, and industry talks (18-20 hours per semester).

Programme Curriculum

● Design of Experiments for Data Science Information Retrieval ● Data Visualization and Interpretation ● Stream Processing and Analytics ● Artificial and Computational Intelligence ● Machine Learning* ● Applied Machine Learning The programme features 12 courses between Semester 1-3, and a Dissertation in Semester 4. All the courses will be offered using live online mode. ● Data Warehousing ● Graphs – Algorithms and Mining Deep Learning* ● Probabilistic Graphical Models Ethics for Data Science ● Optimization Techniques for Analytics Data ● Management for Machine Learning Natural Language Processing General Pool of Electives ● Mathematical foundations for Data Science ● Introduction to Data Science ● Computer Organization and System Software Data ● Structures and Algorithm Design ● Introduction to Statistical Methods ● Elective - I ● Elective - II ● Elective - III First Semester Second Semester ● Big Data Systems ● Elective - IV ● Elective - V ● Elective - VI ● Dissertation Third Semester Fourth Semester *Machine Learning course is a prerequisite for Deep Learning elective course. Note: Choice of Electives is made available to enrolled students at the beginning of each semester. Students' choice will be taken as one of the factors while deciding on the Electives offered. However, Electives finally offered will be at the discretion of the Institute. Employed professionals holding B.E. / B.Tech. with at least 60% aggregate marks and minimum one-year relevant work experience after the completion of the degree are eligible to apply. Employed professionals holding MCA / M.Sc. or equivalent with at least 60%

aggregate marks with university level mathematics / statistics as mandatory subjects and minimum oneyear relevant work experience after the completion of the degree are also eligible to apply. Applicants should possess basic programming knowledge and adequate background in Mathematics. Fee Structure The following fees schedule is applicable for candidates seeking new admission during the academic year 2023-2024. 0% Easy-EMI Option Instant EMI option with 0% interest and 0 down payment is now available that allows you to pay programme fee in an easy and convenient way. All the above fees are non-refundable. Important: For every course in the program institute will recommend textbooks, students would need to procure these textbooks on their own. Application Fees (one time) `1,500 Admission Fees (one time) `16,500 Semester Fees (per semester) `68,500