



MAHARAJA AGRASEN INSTITUTE OF MANAGEMENT STUDIES

Affiliated to GGS IP University; Recognized u/s 2(f) of UGC
Recognized by Bar Council of India; ISO 9001: 2015 Certified Institution
Sector 22, Rohini, Delhi -110086, India www.maims.ac.in

DEPARTMENT OF ECONOMICS

Complete Report

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| Academic Session | : | 2020 -21 |
| Programme | : | One Week Certificate Course |
| Topic | : | Essential Methods for Economic Analysis |
| Convenor | : | Dr. Sanjay Kumar Mangla |
| Faculty Coordinators | : | Ms. Nikita Jain, Ms. Diksha Goel & Dr. Gaurav Aggarwal |
| Time Period | : | April 5, 2021 – April 9, 2021 |
| Total Hours | : | 10 |

Maharaja Agrasen Institute of Management Studies, Department of Economics under the aegis of IQAC and MACS started One Week Certificate Course on “Essential Methods for Economic Analysis”. The course was started for the 2nd year undergraduate students of MAIMS. Registration for the same ended on April 03 2021 and classes started from April 05, 2021 and ended on April 09, 2021. With 5 sessions of 02 hours each, the course was of 10 hours duration in total.

The basic aim of the course was to enhance the problem solving skills of students in the area of economics through quantitative methods involving mathematics, statistics and econometrics. The course will acquaint the learners with the fundamentals of economics with a policy perspective. This will enable them to not only publish high quality research papers in reputed journals, but will also allow them to become well-rounded business professionals.

The certificate course was headed by Dr. Sanjay Kumar Mangla, Associate Professor & Head, Department of Economics. The co-conveners of course was Dr. Gaurav Aggarwal, Associate Professor, Department of Economics; Ms. Nikita Jain, Assistant Professor, Department of Economics; Ms. Diksha Goel, Assistant Professor, Department of Economics. Four faculty members namely Dr. Sanjay Kumar Mangla, Ms. Nikita Jain, and Ms. Diksha Goel acted as the resource person for the course covering various topics of research as per their expertise. One external speaker was also called to deliver a lecture to students: Dr. Jinyoung Hong, Research Professor, Inha University, South Korea. The course was held physically. In total 32 students registered for the course and all the students successfully completed the course. Criteria of certification is threefold i.e., Attendance, Feedback form and Completion of examination consisting of objective and subjective questions at the end of course.

The course covered the topics Probability Distribution, Essentials of Mathematics for Economics, IS-LM Model in detail with application, Cournot and Bertrand Duopoly Model, Time Series, Coefficient of Determination, Test of Significance, Estimation of Regression Coefficient, and Cross Country Connectivity for Economic Prosperity. Topics were chosen keeping in mind the requirements of students in further studies and research.

Such courses provide expert guidance to students & helps them in building their resume. It gives them an edge over others when it comes to working in the corporate world. It helps the students in acquainting themselves with fundamentals of research and data analysis. The credit for this initiative goes to Dr. Sanjay Kumar Mangla, Associate Professor & Head, Department of Economics who worked under the able guidance of Prof. (Dr.) Ravi Kumar Gupta, Director, MAIMS. Their constant support and encouragement helped in successful accomplishment of this course.