



NEHRU MEMORIAL COLLEGE

[Nationally Reaccredited with 'A+' Grade by NAAC]

An Autonomous College affiliated to Bharathidasan University

Puthanampatti—621007

DEPARTMENT OF DATA SCIENCE

## Report - PG INAUGURATION & STUDENT INDUCTION PROGRAMME

(SIP) on 01.09.2022 & 02.09.22

The Chief Guests Mr. Srinivasan Nagarajan delivered the webinar on Data science a precursor to the students by way of power point presentation .In his words he explains Data Science is used in fields such as finance, healthcare, telecommunications, travel, education, manufacturing, gaming, pharmaceuticals, and life sciences, among others. He described the tools and techniques utilised in the process of data science, including Kafka, Scipy, SQL Pandas, Spark, and MongoDB. He provided a succinct overview of big data and machine learning approaches.

In 2019, the market for data science platforms was worth around \$37.9 billion, and by 2024, it is projected to be worth \$140.9 billion. Data Scientist, Data Engineer, Data Architect, Data Management Analyst, and Data Science Specialist are just a few of the data science professions he discussed in his talk regarding top cities and the field. He discussed the Associate, Entry Level, Mid-Senior, Director, Internship, and Executive Skill Levels based on Experience Level. Data scientists must have a basic understanding of Python, R, SQL, Hadoop, and Spark. He used current events as examples, citing the development of a Dubai airport, a self-driving car, and a retinal diagnosis, among others.

Dr. S. Mala, an assistant professor in the department of computer science at Nehru Memorial College, spoke about the basics of machine learning and its use in real-world settings.

Students heard a motivational speech from Dr. D. Jayachitra, Director of M.C.A., about the value of confidence and communication. She cited Dr. A.P.J. Abdul Kalam as an example. *How to get over your communication hesitancy?* She discussed interview preparation in her speech.


On 02.09.22 Mrs N.Kalpana, Assistant Professor, Department of Data Science gave lecture on Data Science Applications for Data Science in Education, Banking, Healthcare, Social Media, Agriculture. She specified about what can be analyzed in each application. She explained translator from one language to another language using python code.

Dr.V. Saavithri, HoD of Mathematics Department, Nehru Memorial College, presented the lecture on "Essential Mathematics for Data Science". She discussed about Linear Algebra, Statistics,math behind every concept. She told about analysis through comparison with sample data. Specified about Principal Component Analysis(PCA), Dimensionality reduction etc.

Dr. A.R.Ponperiasamy, Principal, Nehru Memorial College gave lecture on "Job Opportunities in Data Science". He explained clearly with the video. Various job opportunities and salary package what the students can get. He specified the students should set a goal and go towards that.

Valedictory function started at 3.00 PM. Mrs. N.Kalpana, Assistant Professor, Department of Data Science, Welcomed the gathering. Dr. A.R.Ponperiasamy, Principal, Nehru Memorial College gave Presidential Address. Ms. A. Rexcita Mary gave the report of two days Student Induction Program on Data Science. Er. Pon Balasubramanian, gave felicitation address.

He told how to analyze the data by taking simple example, and different ways of analyzing. He specified about importance of Communication. Mohanraj - II M.Sc., Suseedhiran - II M.Sc, Ramya - III B.Sc gave feedback about the programme. Ms. Arulselvi gave vote of thanks. MC was done by Ramya - III B.Sc&Malavika-II B.Sc on 01.09.22 and Shanthini - II M.Sc and Harish - III B.Sc on 02.09.22. The function ended with the National Anthem at 3.30 Pm.

  
Programme Organizer

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