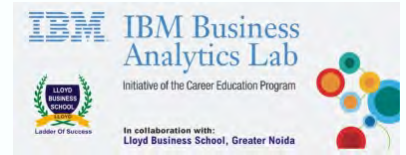Atal Bihari Vajpayee School of Management and Entrepreneurship
Jawaharlal Nehru University
New Delhi, India

And

IBM Business Analytics Lab
Initiative of the Career Education Program
In collaboration with:
Lloyd Business School, Greater Noida

Is Organizing

FDP (FACULTY DEVELOPMENT PROGRAM)

on

EXPLORING DATA ANALYTICS & ARTIFICIAL INTELLIGENCE

Date: 17th June - 21st June 2024

Timing: 10:00 AM - 1:00 PM

Online Platform: zoom

About The Programme

Atal Bihari Vajpayee School of Management & Entrepreneurship (ABVSME) JNU, New Delhi is delighted to announce the Faculty Development Program starting 17th June-21st June , 2024 .The Faculty Development Program intends to empower the Faculty and Research scholars in the most innovative and prospering domain of Industry and Academia which is data analytics and artificial intelligence. The latest tools and technologies will be discussed in comprehensive modules designed over a week intervention through online platform.

Eligibility

The participants to this course will be Faculty and Ph.D scholars. This short duration programme equips Faculty with analytical tools and prepares them for updating their skills in analytics AI-based solutions driving their business acumen. After completion of the FDP all the participants will be awarded a certificate of participation by ABVSME, JNU and IBM.

Mode of Conduction:

Online meeting link will be sent through Whatsapp and registered mail ids. Since the training involves hands on sessions all participants are informed to attend all the sessions without fail.

Programme Highlights:

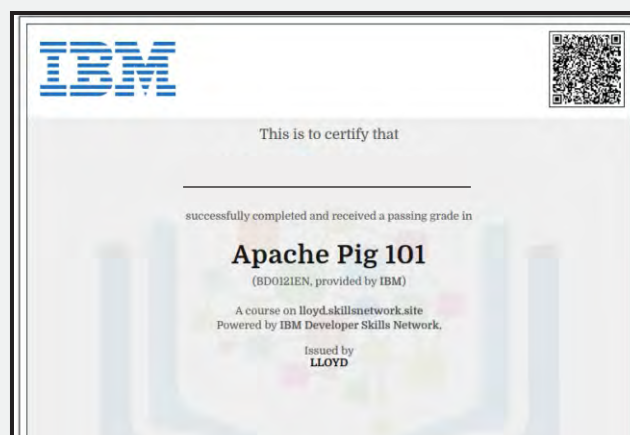|	
Workshop practical knowing in data analytics and data science	**Assignments* & quizzes based on real time data sets**
IBM* Certifications Inclusive	**Access to IBM cloud for software**
*Training by IBM certified trainers and IBM career education	

Certifications Included

Beginner to advanced level data analysis and visualizations — Certificattions — More Than 20 Hours of Live Training Session — 3 Used Cases

Upon successfully completing the program with a minimum 70% score, participant will be awarded a certificate (as a representation given below)

Trainers:

He has rich background in both teaching and research, with a strong focus on various aspects of computer science and data-related fields. Their expertise spans across a wide range of topics including database management, distributed databases, data warehousing, data mining, artificial intelligence, machine learning, meta-heuristic algorithms, multi-objective optimization, data science, big data analytics, early warning systems, and disaster management. His academic qualifications, including a PhD in Computer Science with a focus on Databases from Jawaharlal Nehru University, an MPhil in Operational Research, an MSc in Operational Research, and a BSc (Hons) in Mathematics, provide a solid foundation for their research and teaching endeavors.

Prof (Dr) T. V. Vijay Kumar
Dean, School of Engineering, JNU & Professor
School of Computer & Systems Sciences, JNU

Dr. Saumendra Mohanty
Consultant Data Science & AI
Trainer & Professor

Dr. Saumendra Mohanty possesses over 35 years of extensive experience in leadership roles within Global Technology MNC Companies, coupled with an impressive track record of 5 years in academics, focusing on teaching and research. He has made significant contributions as a Visiting & Adjunct Professor in esteemed institutions where he imparts knowledge in the fields of Data Science, Statistics, Artificial Intelligence, Machine Learning & Information Technology. Dr. Mohanty's rich background in academia and industry positions him as an accomplished professional with a profound impact on the realms of education, research, and technological innovation. Concurrent with current assignment in Corporate sector, a serial entrepreneur with successful exits from two Start-ups via Merger and Acquisition and raised Seed Fund from Department of Science & Technology (DST) Start-up Accelerator.

Dr. Neetu Bali Kamra is a highly skilled professional with a diverse background encompassing management, analytics, and technology. She holds master certifications in Descriptive Analytics, Predictive Analytics, and Design Thinking from IBM, demonstrating her expertise in data analytics and problem-solving. Currently, she occupies a techno-functional role in Business 5.0 augmentation, specializing in Human Resources (HR) processes and SAP Human Capital Management (ERP SAP-HCM).

Dr. Kamra is well-versed in Business Intelligence tools like Qlik, Power BI, and Tableau, enhancing her data-driven decision-making capabilities. With a strong research background from her doctoral program, she excels in conducting in-depth analyses. With 18 years of industry and academia experience, she brings practical insights to her work. Her recognition as the Best Young Faculty Award winner at Skill Up 2021 for Data Analytics by Analytics India Magazine (AIM) underscores her contributions to the analytics field.

Dr. Neetu Kamra
IBM Certified in Descriptive Analytics,
Predictive Analytics & Design Thinking

Mr. Mohit Agrawal
IBM Certified Trainer

Mr. Mohit Agrawal is currently working as Associate Professor of IT and Analytics at Lloyd Business School. He carries a 15 year experience as a Faulty in Institutes of repute across Delhi and NCR. He carries a rich Industry Experience in Insurance, Banking and Retail Lending and has been associated with companies like Bajaj Allianz, ICICI Bank, Magma Fincorp and has handled the Credit Analysis wings for over 5 years. He has also been associated with Institutes like BML Munjal Univerity, Galgotias University, FIIB (Delhi), Accurate Institute, Sriram Businss School, Sharda University, IILM, AIMA and others as a resource person for various training and Development sessions in Advanced Excel, POWER BI, Excel Dash boarding and Tableau.

Ms. Neha Issar is a proactive professional boasting over 8 years of experience in the field of Research Analysis, with more than 4 years dedicated to Academic work. Her expertise extends to training in various areas, including Database & Query Language, Data Science using R, Data Analytics for Business Decision-making, an Overview of Python, Management Information Systems, and Enterprise Resource Planning. Ms. Issar earned her commerce degree from Dr. B.R. Ambedkar University, Agra and holds a postgraduate diploma in Finance and Marketing from JIMS Kalkaji. She is currently pursuing a PhD in Management from Amity Business School. Her career journey includes serving as a Data Researcher at S&P Global Market Intelligence Pvt. Ltd., working on projects for prominent organizations such as Aditya Birla Group and Times Internet in et.com. She also held the position of Senior Manager Investor Relations at Opera Gratia Pvt Ltd. In addition to her extensive experience, Ms. Issar holds several valuable certifications, including IBM Spark and Scala certification, IBM Data Science certification, and Cybersecurity certification. She is also a practitioner in IBM Enterprise Design Thinking and has received certification from

Ms. Neha Issar
IBM Spark & Scala Certified,
IIMBX Predictive Analytics Certified

SCHEDULE OF FDP

Date(s)	Training Module
Monday, **17th June 2024**	**Foundation Course In Statistics For Business Analysts** Excel for data analytics Statistics foundations for business analysts Statistical Decision making Optimizing Business Models Preprocessing Data for ML models Linear regression model for predicting metrics **IBM Certification Big Data**
Tuesday, **18th June 2024**	**Data Visualization Using Power BI** Introduction to Data Analysis and BI Tools Data Preparation and ETL Fundamentals Data Modeling and Basic Visualization Interactive Dashboard Design DAX Fundamentals Advanced DAX and Analytics **Hands -on Training on Power BI**
Wednesday, **19th June 2024**	**Database Management (mySQL) and IBM Watson** Utilize a wide range of features available in a RDBMS package. Analyze database requirements and determine the entities involved in the system and their relationship to one another. Develop the logical design of the database using data modeling concepts such as entity-relationship diagrams. Create a relational database using a relational database package. Manipulate a database using SQL. **IBM Certification - Data Science Methodology**
Thursday, **20th June 2024**	**Data Science - Introduction to Python** Developed by IBM, this course equips students with the skills to leverage Python for data science. By the end of the course, participants will be proficient in writing Python scripts and performing hands-on data analysis using a Jupyter-based lab environment. You will explore various important skills such as Z-test, T-test, and ANOVA. Furthermore, you will acquire data visualization skills using popular libraries like Matplotlib, Seaborn, Plotly, and Bokeh. **Hands -on Training on Python Libraries**
Friday, **21st June 2024**	**Machine Learning** This course comprehensively covers various types of machine learning and their practical applications. You will explore the machine learning pipeline and delve into topics such as supervised learning, regression models, and classification algorithms. You will also study unsupervised learning, including clustering techniques and ensemble modeling. Evaluate machine learning frameworks like TensorFlow and Keras, and build a recommendation engine with PyTorch.

Training Includes Following Tools

REGISTRATION DETAILS

LIMITED SEATS TO AVAIL

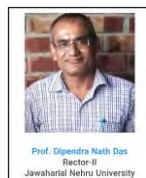| Category	Registration Amount (INR)
Faculty	499
Research Scholars	399

*Kindly fill the registration form
*Payment is mandatory & can be made as follows

Payment Details

JNU Maintenance
A/C NO. 10596551090
IFSC CODE - SBIN0010441

PATRON

Prof. Santishree Dhulipudi Pandit
Vice Chancellor
Jawaharlal Nehru University

Prof. Satish Chandra Garkoti
Rector-I
Jawaharlal Nehru University

Prof. Dipendra Nath Das
Rector-II
Jawaharlal Nehru University

FDP CHAIR

Prof. Heeraman Tiwari
Dean
Atal Bihari Vajpayee School of Management and
Entrepreneurship
Jawaharlal Nehru University,

Organizing Team

Prof. (Dr) Rajeev Sijariya
ABVSME, JNU
9650014044

Dr Lokesh Jindal
ABVSME, JNU
9312712354

Dr Neetu Bali Kamra
IBM Certified and Coordinator
IBM Career Education
9818453024

Prof. Neha Issar
IBM Certified
9311407252

JNU Main Campus, near UGC-HRDC, New Delhi, Delhi 110067