



TECNIA INSTITUTE OF ADVANCED STUDIES
 NAAC ACCREDITED GRADE "A" INSTITUTE
 Approved by AICTE, Ministry of Education Govt. of India, Affiliated to GGSIP University
 Recognized Under Sec. 2(f) of UGC Act 1956
INSTITUTIONAL AREA MADHUBAN CHOWK, ROHINI, DELHI 110085
 Tel: 91-11-27555121-24, E-Mail : directortias@tecnia.in, Website: www.tiaspg.tecnia.in



Department of Management Sciences
(Session: 2020-21)

Ref: TIAS/2020-21/BBA/ACAD/VAC/101

Dated: 18/12/2020

(Batch 1)

Kind Attn: TIAS Students

Value Added Course: Certificate Course on Data Analytics

Status as on date: 18/12/2020

This is to certify that the course module for Value Added Course titled Certificate Course in Data Analytics scheduled from 28.08.20 to 18.12.20 comprising of 30 Hours deliverance has been completed by the resource person Dr. Ashutosh Bajpayee, Faculty in Department of Management Sciences with the module contents as under:-

S.No.	Contents Deliverance	Learning Outcomes
1	Introduction to BIG DATA (7 hours)	Develop skills to tackle big data and leverage it for better business outcomes
2	Data Analysis (7 hours)	Recognize the breadth of analytic applications
3	Mining Data Streams (7 hours)	Evaluate analytics problem solving to lead teams and design
4	Frequent Item sets and Clustering (7 hours)	Describe common algorithms, their appropriate applications across domains, and their limitations
5	Frameworks and Visualization (7 hours)	Understanding visual data analysis techniques

All the above contents are delivered to the best of my knowledge and belief and nothing is withheld.


 Signature of Resource Person

Name of Resource Person: Dr. Sandeep Kumar
 Dated: 18/12/2020

Submitted to HoD-



HoD
 BBA-TIAS



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Department of Management Sciences
(Session: 2020-21)

Ref: TIAS/2020-21/BBA/ACAD/VAC/101

Dated: 18/12/2020

(Batch 2)

Kind Attn: TIAS Students

Value Added Course: Certificate Course on Data Analytics

Status as on date: 18/12/2020

This is to certify that the course module for Value Added Course titled Certificate Course in Data Analytics scheduled from 28.08.20 to 18.12.20 comprising of 30 Hours deliverance has been completed by the resource person Ms. Rajni Bansal, Faculty in Department of Management Sciences with the module contents as under:-

S.No.	Contents Deliverance	Learning Outcomes
1	Introduction to BIG DATA (7 hours)	Develop skills to tackle big data and leverage it for better business outcomes
2	Data Analysis (7 hours)	Recognize the breadth of analytic applications
3	Mining Data Streams (7 hours)	Evaluate analytics problem solving to lead teams and design
4	Frequent Item sets and Clustering (7 hours)	Describe common algorithms, their appropriate applications across domains, and their limitations
5	Frameworks and Visualization (7 hours)	Understanding visual data analysis techniques

All the above contents are delivered to the best of my knowledge and belief and nothing is withheld.

Rajni Bansal

Signature of Resource Person

Ms. Rajni Bansal
 Name of Resource Person:

Dated: 18/12/20

Submitted to HoD-

Naveen
 HoD
 BBA-TIAS

