



#### 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	

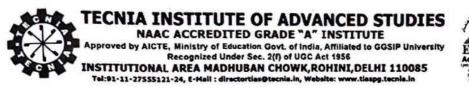
All the above contents are delivered to the best of my knowledge and belief and nothing is withheld.

Signature of Resource Person

Name of Resource Person: pr- Sanderp Kunan. Dated: 18/12/2020

Submitted to HoD-

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## Student's Declaration

We would like to declare, 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 to our satisfaction and is able to help in developing our domain knowledge and capacity building.

CNIC	Enrollment No Name	Signature
S.No	Enformment No Name	Aloo
	00217001718 Abhishek Babbar 00517001718 Am on Grupta 00517002418 Apshat Jhabas 01017002418 Apshat Jhabas 01017001718 Bhasik Jun 06217003918 Sonali Sharma	Aman
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ECNIA INSTITUTE OF ADVANCED SIDDIES NAAC ACCREDITED GRADE "A" INSTITUTE proved by AICTE, Ministry of Education Govt. of India, Affiliated to GGSIP University Recognized Under Sec. 2(f) of UGC Act 1956 STITUTIONAL AREA MADHUBAN CHOWK, ROHINI, DELHI 110085 e1:01-11-27555121-24, E-Mail: directortiseOteonis.In, Website: www.tisepg.tecnia.in



**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	

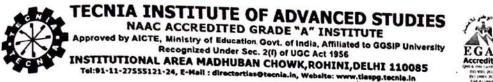
All the above contents are delivered to the best of my knowledge and belief and nothing is withheld.

ce Person Signatu

Ms. Raini Bansal Name of Resource Person: Dated: 18/12/20

Submitted to HoD-

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## Student's Declaration

We would like to declare, that the course module for Value Added Course titled Certificate Course in **pata 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 to our satisfaction and is able to help in developing our domain knowledge and capacity building.

S.No	Enrollment No	Name	Signature
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