#### NOTICE

# Registration to Value added Course

September 27, 2019

Applications are invited for the following values added courses for undergraduate and postgraduate programmes:

Course	Duration	Fee
Data Analytics Certificate Series	30 hours	Rs.11,800(including GST)
Artificial Intelligence	30 hours	Rs.11,800(including GST)
Module on Assurance and Audit	30 hours	Rs. 3,000 plus GST

The courses are open for registration for all the students of undergraduate programme - B.Com.(Honours) and B.A. (Honours) and Postgraduate programme -M.Com. and G.B.O..

Interested students are requested to fill in the registration form latest by 28 September, 2019 till 11:59 p.m.

Form for Registration can be opened using the following link:

https://forms.gle/X1NE4cU7g8zguVX87

For queries relating to value added courses, kindly mail to:

valueaddedatsrcc@srcc.du.ac.in

In-Charge, Value Added Courses

Vikas Madan

Enclosures:

Annexure I: General Guidelines

Annexure II: Detailed Course outline

Annexure III: Tentative Schedule of classes

rof.Simrit Kaur

Principal

#### Annexure I

### General Guidelines-Value Added Courses

1. Tentative Timelines:

Registration opens: 27 September, 2019

Registration closes: 28 September, 2019

Submission of fee opens: 29 September, 2019

Submission of fee closes: 30 September, 2019

Announcement of Batches: 1 October, 2019

Commencement of Classes: 2 October, 2019

- 2. The students are advised to read the guidelines, annexures as well as the embedded instructions in the registration forms very carefully before proceeding.
- 3. A student can enrol for only one-value added course at a time.
- 4. The admission for a course will be done on first come first serve basis.
- 5. The names of the selected students will be put up in a separate notice. A waiting list will also be displayed in the same notice. A mail will also be sent from <a href="mailto:valueaddedatarcc@srcc.du.ac.in">valueaddedatarcc@srcc.du.ac.in</a> to selected students intimating them of their selection.
- 6. The selected candidates will be required to pay fee in full upon confirmation of their selection.
- 7. The fee once paid shall not ne refundable or transferable.
- 8. On the commencement of the course, it is mandatory for the students to attend all the classes pertaining to the course.
- The total duration of the course shall be 30 hours. The classes will be held on non-teaching days.
- 10. AICPA-CIMA / Thinking Bridge will conduct the exam and also evaluate the same during the course and at the end of course.
- 11. The certificate shall be provided by AICPA-CIMA/ Thinking Bridge to the students upon successful completion of the course.
- 12. AICPA-CIMA/Thinking Bridge/ SRCC reserves the right to alter, modify or change the content as it deems fit without assigning any reasons to the students.

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Annexure II
Course Outline: Data Analytics

Sessions	Topics		
Session 1	Determine how the digital transformation and disruption landscape create opportunities across the enterprise		
*	Identify the organizational ecosystem needed for becoming a data-driven organization.		
Session 2	Analyze the life cycle of data and its implications for data- driven decision making		
	Compare common problems and risks associated with becoming a data-driven business		
Session 3	Differentiate on data analysis tools.		
	Identify requirements for data-driven projects		
Session 4	Distinguish how to develop a customer journey map		
	Application of Data Analysis Essentials		
	Determine and classify variables		
Session 5	Calculate central tendency		
	Calculate measurement and variability.		
Session 6	Calculate basic probability.		
	Calculate conditional probability		
	Calculate advanced probabilities		
Session 7	Calculate discrete distributions		
	Calculate continuous distributions		
Session 8 Analyze statistics in R case study			
	Analyze distributions in R case study.		

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# Course Outline: Artificial Intelligence

Session	TOPIC	
Session 1	Introduction: what is and what is not AI History of AI Turing test, Concept of satisficing & "good enough" decisions	
Session 2	Problem solving agents, introduction to AI problems	
	Introduction to machine learning	
	supervised and unsupervised learning	
Session 3	Applications of AI:	
	Economics, e-Commerce, Customer support, Financial risk	
	AI for Good	
Session 4	Applications of AI:	
Session 4	Social Media, Web Search, Video Streaming, Email	
	classification	
Session 5	Reserved for a topic picked by students	
Session 6	Applications of AI:	
	Healthcare, Agriculture, Education, Security and surveillance	
	AI solution design group exercise	
Session 7	Basic introduction to AI model building	
	Modelling an AI system:	
	hands on exercise Part 1	
Session 8	Modelling an AI system:	
	hands on exercise Part 2	
	Course assessment	



## Course Outline: Module on Assurance and Audit

Sessions	Topics	
1	Course Introduction & Materiality Testing	
	Basic Excel Training	
2	Advanced Excel & Audit Tools	
	Cash & Bank and Financial Investments- Walkthrough, Testing, Workpaper Formation	
3	Operating Expenses and Creditors	
	Revenue: Confirmations + Debtors	
4	Fixed Assets, Closing stock - Floor to Sheet, Sheet to Floor, Share Capital testing	
	Payroll testing, Actuarial testing	
5	Borrowings, Prepaid Exp. & Impairment Testing	
	Provisions, Cap Commitments, Statutory Dues, Off Balance Sheet Items, Secretarial Audit, JV Testing	
6	Checking for	
	Divergences  Variance & Ratio	
	Ànalysis	
7	Reporting, CARO, Internal Financial Controls	
	Conclusion, Course Highlights & Key Pointers	
8	EXAM	

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### Annexure III

## **Tentative Schedule of the Sessions**

Total duration: 30 hours

Session	Date	Time
Session 1	02 October, 2019 (Wednesday)	9:00 am-1:15 pm
Session 2	13 October 2019 (Sunday)	9:00 am-1:15 pm
Session 3	19 October 2019 (Saturday)	1:45 pm -6:00 pm
Session 4	20 October 2019 (Sunday)	9:00 am-1:15 pm
Session 5	26 October 2019 (Saturday)	1:45 pm -6:00 pm
Session 6	03 November 2019 (Sunday)	9:00 am-1:15 pm
Session 7	10 November 2019 (Sunday)	9:00 am-1:15 pm
Session 8	12 November 2019 (Tuesday)	9:00 am-1:15 pm

<sup>\*</sup> There will be a break of 15 minutes in between each of the sessions.

