

**Report on the Webinar**  
**“Current Trends and Future of Data Science & AI in Decision Making”**

**10/6/ 2021**

**on 3<sup>rd</sup> June, 2021**

**Organized by**

**School of Computer, Information & Mathematical Sciences**

**Data Science Club**

**Department of Computer Science & Engineering**

**Webinar Coordinators:**

Ms. C Vijayalakshmi (Asst. Prof (SG)/CSE)

Ms. S P Valli (Asst. Prof (Sl.Gr.), CSE)

Mrs. Niyati Behera (Asst. Prof./CSE)

**Convenors**

Dr.Venkatesan Selvam,Dean/SCIMS

Dr. E. Syed Mohamed, HOD / CSE

**1. About the Webinar**

The objective of this webinar is to give the final year students an overview of the current trends and future role of AI as well as data Science in decision making. The resource person was Mr. Balakumaran Muralidharan, Architect, Wipro technologies. He has more than 10 years' experience in IT system engineering & design, data engineering and bigdata. He has been a key member in designing and building Ingestion and Transformation Framework in Leading banks. Profound knowledge in Distributed computing, Semi/Unstructured data analytics, Data Lake, Real time Streaming design and architecture has been his key strengths.

**2. Webinar Content**

The guest speaker Mr. Balakumaran gave an overview of Data Science (DS), Artificial intelligence (AI) and the concept of decision making to the participants. With the fast-growing data, data-storage and computing power, he also highlighted on how DS and AI has the potential to supplement human intelligence and allow smart decision making. He concluded with market trends in DS driven decision making and job opportunities in the related areas.

**3. Participants**

Nearly 80 participants have registered from various parts of India, including final year students of B.Tech (CSE and IT) and research scholars and they actively participated in the webinar.



B.S. Abdur Rahman

**Crescent**

Institute of Science &amp; Technology

Deemed to be University u/s 3 of the UGC Act, 1956

S.No	Name	Degree	College/University Name	State
1	Prathi Koteswara Rao	B.Tech	B.S. Abdur Rahman Crescent Institute of Science and Technology	Tamil Nadu
2	Bilal Asghar	Ph.D	Aligarh Muslim University	Uttar Pradesh
3	Shaikh Abdul Waheed	PhD	BSACIST	Tamil Nadu
4	SYED ABDUL KHADER	B.Tech	BSACIST	Tamil Nadu
5	Sudalagunta vamsi vardhan reddy	I Year	BSACIST	Tamil Nadu
6	Vishaka v	BCA	BSACIST	Tamil Nadu
7	S.K.Shivahaneshan	M.Phil	Eastern University, Sri Lanka	Batticaloa, Eastern Province, Sri Lanka
8	Azrah Shehreen A	B.Tech	BSACIST	Tamil Nadu
9	Razeen	BCA	BSACIST	Tamil Nadu
10	Sanjeeb Limbu	M.Tech.	North Eastern Hill University, Shillong	Meghalaya
11	JAYASHREE A	Msc	BSACIST	Tamil Nadu
12	Dr. Samarth Borkar	Ph.D.	Goa College of Engineering	Goa
13	Yasmin Regina M	PhD	BSACIST	Tamil Nadu
14	Shankardoss Mohandoss	Bachelor of Engineering	P.R.Engineering College	Tamil Nadu
15	Mohamed Imran Khan M	B.Tech	BSACIST	Tamil Nadu
16	Dr. N. Prakash	IT	BSACIST	Tamil Nadu
17	Mrs.N.Muthulakshmi	B.Tech	Mahalashmi International School	Puducherry
18	S.hAREESH KUMAR	MCA	BSACIST	Tamil Nadu
19	Elakiya. N	BBA	BSACIST	Tamil Nadu
20	MOHANA BALAJEE V N	B Tech	BSACIST	Tamil Nadu
21	Syed Javeed Pasha	MCA	BSACIST	Tamil Nadu
22	Nasir Ahmed	Research Scholar	BSACIST	Tamil Nadu
23	abdul faheem	B.Tech	BSACIST	Tamil Nadu
24	HEMALATHA	MCA	BSACIST	Tamil Nadu
25	Kesavan. A	Computer application	BSACIST	Tamil Nadu
26	Mithun Prithvi	BE	St.Joseph's institute of technology	Tamil Nadu








27	Ameen Haris Chengalan Nalagath	Bachelor of Technology	BSACIST	Tamil Nadu
28	Arogia Victor Paul M	Research Scholar	BSACIST	Tamil Nadu
29	Mohamed Haris K	B.Tech	BSACIST	Tamil Nadu
30	Madhumithaa	B.Tech	BSACIST	Tamil Nadu
31	F. Ayisha Begum	Phd	BSACIST	Tamil Nadu
32	Dr.P.Srinivasa Ragavan	Ph.D.	P.S.R Engineering College	Tamil Nadu
33	ABDHUL KAREEM N.	PG	BSACIST	Tamil Nadu
34	Santhosh Kumar T	B.Tech	BSACIST	Tamil Nadu
35	syed ameenuddin	B.Tech	BSACIST	Tamil Nadu
36	Sharanya. M	Research Scholar	BSACIST	Tamil Nadu
37	Mrs.SARANYA.V	M.Tech	MOHAMED SATHAK AJ COLLEGE OF ENGINEERING	Tamil Nadu
38	Mohammed imran	MCA,M.phil	BSACIST	Tamil Nadu
39	Yaseen	B.Tech	BSACIST	Tamil Nadu
40	Mohan	No	BSACIST	Tamil Nadu
41	Karthigeyan.S	BCA	BSACIST	Tamil Nadu
42	BOYELLA MALA KONDA REDDY	(Ph. D)	BSACIST	Tamil Nadu
43	S.Swetha	BCA	Soka Ikeda College of Arts and Science for Women	Tamil Nadu
44	M.K.R. Thameem Ansari	Bca	BSACIST	Tamil Nadu
45	Fatema-Tus-Sugra Z Lokat	B.Tech	BSACIST	Tamil Nadu
46	SANDHYA S	ME	Anna University, Chennai	Tamil Nadu
47	Khalil Ahmad	B.Tech	BSACIST	Tamil Nadu
48	Shehnaz Fathima	PhD	BSACIST	Tamil Nadu
49	Monishree MS	B.E	SRM Valliammai Engineering College	Tamil Nadu
50	Raghul Shankaran	B. Tech	BSACIST	Tamil Nadu
51	THAMIZHAN.L	BCA	BSACIST	Tamil Nadu
52	TAWSEEF AHMAD	PhD	BSACIST	Tamil Nadu
53	IRSATH AHAMED M	MBA	BSACIST	Tamil Nadu
54	Rajik HM	BBA	BSACIST	Tamil Nadu
55	Santhi Punitha. T	MCA., MPHIL.,SET	AGURCHAND MANMULL JAIN COLLEGE, CHENNAI	Tamil Nadu
56	ABHISHEK PANDEY	MCA, MPhil	JAYA COLLEGE OF ARTS AND SCIENCE, CHENNAI	Tamil Nadu



57	Abinanda Vrishnaa	B. Tech	BSACIST	Tamil Nadu
58	Khathijath Fariha S	B.Tech	BSACIST	Tamil Nadu
59	M.Rizwan	B.E	BSACIST	Tamil Nadu
60	Vijay.M	BE	Dhanalakshmi Srinivasan Engineering college-perambalur	Tamil Nadu
61	salliah shafi bhat	phd	BSACIST	Tamil Nadu
62	SATHIYASIVAM.B	M.E	KPR Institute of Engineering and Technology	Tamil Nadu
63	MD GHOUSE MOHIDDIN KHAN	PhD	Bharathiar University	Tamil Nadu
64	Gughan N M	B.Tech	BSACIST	Tamil Nadu
65	Shabeer.s	Bca	BSACIST	Tamil Nadu
66	BHAVANI. M	Msc	BSACIST	Tamil Nadu
67	Praveen Kumar S	B.Tech	BSACIST	Tamil Nadu
68	Vishnu	B.Tech	BSACIST	Tamil Nadu
69	Modemreddy Vandana	B.Tech	BSACIST	Tamil Nadu
70	R.Vanthana	<a href="#">B.sc</a>	KLN Arts and Sciences College/Alagappa University	Tamil Nadu
71	Vallimuthu Raja R	B.sc Computer Science	SARASWATHI NARAYANAN COLLEGE / MADURAI KAMARAJ UNIVERSITY	Tamil Nadu
72	E. Sharun Pandi	BCA(DS)	BSACIST	Tamil Nadu
73	Jiva Bajpai	B.Tech	BSACIST	Tamil Nadu
74	Mohamed Imran	B.Tech	BSACIST	Tamil Nadu
75	Mohammad Afrin	B.Tech	BSACIST	Tamil Nadu
76	C.S.Donalika	B.Tech	BSACIST	Tamil Nadu
77	Jagadeeshwaran	B.Tech	BSACIST	Tamil Nadu
78	Aadhi Oli	B.Tech	BSACIST	Tamil Nadu
79	Sai Girish Sowjerla	B.Tech	BSACIST	Tamil Nadu
80	S.KAUSHIK	B.SC.,	K.L.N ARTS AND SCIENCES COLLEGE	Tamil Nadu

4. Webinar Brochure / screenshots








**SCHOOL OF COMPUTER, INFORMATION & MATHEMATICAL SCIENCES**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
 organizes

**"CURRENT TRENDS AND FUTURE OF DATA SCIENCE & AI IN DECISION MAKING"**

EXCLUSIVELY FOR FINAL YEARS

**Resource Person**




Note : No registration fee  
 E-Certificate for all participants

**BALAKUMARAN MURALIDHARAN**  
 ARCHITECT(WIPRO TECHNOLOGIES)

**JUNE 3, 2021**  
**3:00pm to 4:00pm**

Registration link : <https://forms.gle/YBBPtvagy1io65E99>

<b>COORDINATORS</b>	<b>CONVENERS</b>	<b>SCAN TO REGISTER :</b>
<b>Ms C VIJAYALAKSHMI</b> AP(SG)/CSE	<b>Dr VENKATESAN SELVAM</b> DEAN(SCIMS)	
<b>Ms S P VALLI</b> AP(Sel.Gr)/CSE	<b>Dr E SYED MOHAMED</b> HOD(CSE)	
<b>Ms NIYATI BEHERA</b> AP/CSE		

**ADMISSIONS OPEN FOR 2021-2022**  
 WWW.CRESCENT.EDUCATION



REC Balakumaran Muralidharan is presenting

# AGENDA

- Decision Science & Decision Making
- Data is the element
- KDD and the big picture
- Big data to the rescue
- AI – Formal definition and types
- Roles and applications
- Tech and Market Trends in DS driven decision making.
- Q&A

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Balakumaran M... Vijayalakshmi C  
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Vanthana R. KARAN KAUSH...  
SANTHI PUNIT... Dolly  
H.O.D CSE  
HOD CSE

B.S. ABDUR RAHMAN UNIV... Meet - Current trends... B.S. ABDUR RAHMAN UNIV... New Tab... Pointer arithmetic - Tut... x in c programming - Geo... +

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Apps News, Breaking Ne... Mehdi Allahyari - G... New Tab Profiles Evangelos Kanoulas... www yahoo mail to... Dr Carolina Scarton... Dr Chenghua Lin... dblr: Rada Alhaji Reading list

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Balakumaran Muralidharan H.O.D CSE Vijayalakshmi C  
SATHIYASIVAM B Dean (School of Computer, Information and Mathematics... Vishaka V  
KARAN KAUSHIK... Dolly Vanthana R.

Vallimathu Raja has left the meeting

Current trends and Future of Data Science & AI ...

Type here to search 60% 35°C ENG 15:02 03-06-2021





REC Balakumaran Muralidharan is presenting

## TECH & MARKET TRENDS

Big Data		Data Science & AI	
<b>Key Frameworks:</b> 1. Apache Spark 2. Hive , Presto & Kudu 3. Kafka & Samza	<b>Disruption:</b> 1. Edge computing 2. Hybrid cloud 3. AI 4. DaaS, Dark Data & Data Fabric	<b>Key Frameworks:</b> 1. TensorFlow 2. TIBCO 3. H2O.ai 4. Microsoft 5. Databricks 6. Dataiku	<b>Disruption:</b> 1. Cyber Security – Anti Deep Fake 2. Risk Analytics 3. Healthcare 4. Blockchain 5. Hyper-Automation
"Feature Engineering"		"Neural Net Models & Model of Models"	

Security, Internal & Restricted

Balakumaran M... Vijayalakshmi C

Dean (School o... SATHIYASIVAM...

Vanthana R. HOD CSE

JAGADEESHW... Dolly

Prathi K

## TYPES & SIGNIFICANT APPLICATIONS - AI

APPLICATIONS	TYPES
1. Text Analytics & NLP 2. Computer Vision 3. Autonomous Transportation 4. Martech 5. CyberSecurity	<b>Functionalities:</b> 1. Reactive Machines 2. Limited Memory 3. Theory of Mind 4. Self Aware  <b>Capabilities:</b> 1. Narrow 2. General 3. Super

Balakumaran Muralidharan

**Feedback Analysis Report on the Webinar**  
**“Current Trends and Future of Data Science & AI in Decision Making”**  
 on 3<sup>rd</sup> June 2021

**Webinar Coordinators:**

Ms. C Vijayalakshmi, Asst. Prof (SG)/CSE

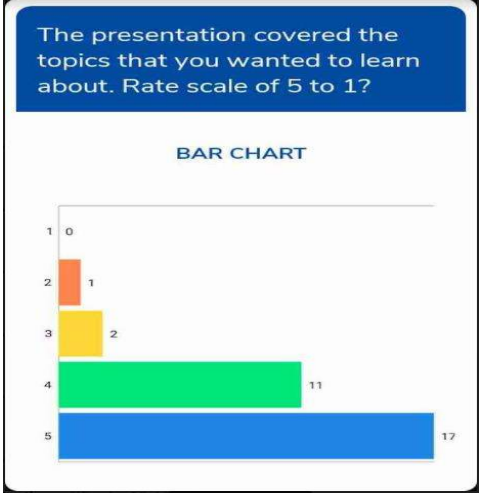
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Feedback points	Analysis	Inference																		
<p>Did the presentation covered the topics that you wanted to learn about?</p>	<p>The presentation covered the topics that you wanted to learn about. Rate scale of 5 to 1?</p> <p style="text-align: center;"><b>BAR CHART</b></p>  <table border="1" style="display: none;"> <caption>Bar Chart Data</caption> <thead> <tr> <th>Rating</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0</td> </tr> <tr> <td>2</td> <td>1</td> </tr> <tr> <td>3</td> <td>2</td> </tr> <tr> <td>4</td> <td>11</td> </tr> <tr> <td>5</td> <td>17</td> </tr> </tbody> </table>	Rating	Count	1	0	2	1	3	2	4	11	5	17	<p>More than 50% participants agreed to the point that the webinar covered the topics which they wanted to learn.</p>						
Rating	Count																			
1	0																			
2	1																			
3	2																			
4	11																			
5	17																			
<p>Whether participant's participation was encouraged in the webinar?</p>	<p>Participation and interaction were encouraged. Rate scale of 5 to 1?</p> <p style="text-align: center;"><b>Results</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Options</th> <th>%</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>5</td> <td style="text-align: center;">48.39</td> <td style="text-align: center;">15</td> </tr> <tr> <td>4</td> <td style="text-align: center;">41.94</td> <td style="text-align: center;">13</td> </tr> <tr> <td>3</td> <td style="text-align: center;">6.45</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1</td> <td style="text-align: center;">3.23</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Options	%	Count	5	48.39	15	4	41.94	13	3	6.45	2	2	0.00	0	1	3.23	1	<p>Most of the participants interacted with the resource person and got their quires answered.</p>
Options	%	Count																		
5	48.39	15																		
4	41.94	13																		
3	6.45	2																		
2	0.00	0																		
1	3.23	1																		





How would you rate the webinar on a scale of 5 to 1?

How would you rate this webinar on a scale of 5 to 1?

PIE CHART

- 5 - 16
- 4 - 13
- 3 - 1
- 2 - 1
- 1 - 0



The overall organization of the webinar was appreciated by most of the participants.

Would you recommend the webinar to others?

Would you recommend this Webinar to others?

Results

Options	%	Count
Yes	100.00	31
No	0.00	0

Almost all the participants have found the webinar useful.

**Sample certificate issued to the participants**



The overall organization and deliverance of the webinar was appreciated by the participants. The knowledge and information shared by the resource person would be helpful for the participants to decide on their future course of action.

**Coordinator**  
**Ms. C Vijayalakshmi**  
**Asst. Prof (SG)/CSE**

**HOD/CSE**  
**Dr.E.Syed Mohamed**  
**Professor/ CSE**