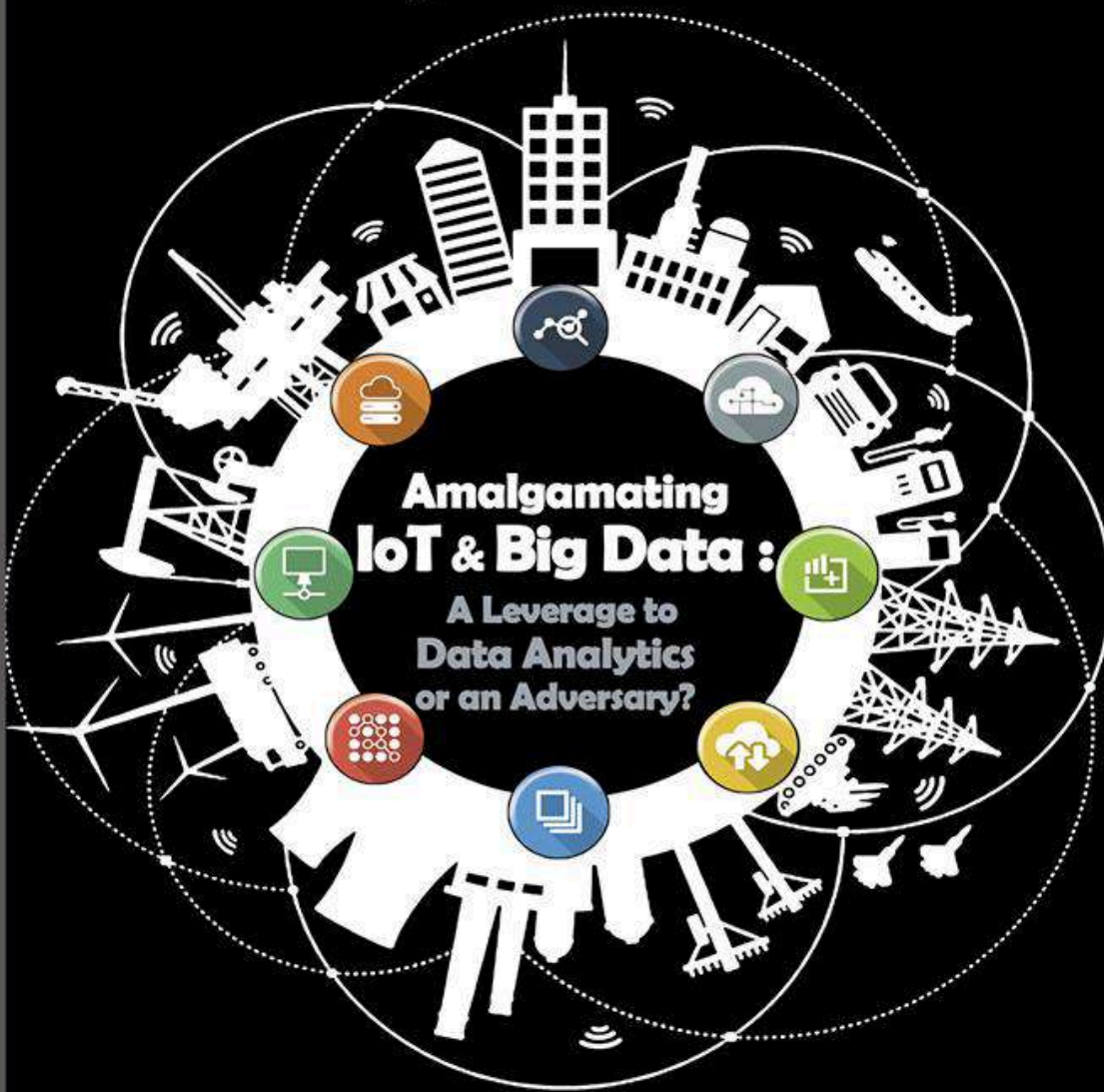




SYMBIOSIS
INTERNATIONAL (DEEMED) UNIVERSITY



SIC AUDITORIUM

National Seminar Report - 2018

Title of the workshops / seminars conducted	19th National Seminar "Amalgamating IoT and Big Data: A Leverage to Data Analytics or an Adversary?"
Date, Time and Venue	Date: 15th September 2018 Time: 10:30 AM to 1:30 PM Venue: SIC Auditorium, Symbiosis Infotech Campus, Hinjewadi, Pune.
Resource Person(s)	<ol style="list-style-type: none">1. Dr. Sheela Siddappa (Global Head, Data Analytics – Bosch)2. Kapil Gandhi (Associate Director - Ernst & Young)3. Gokul Alex (Associate Director –PwC)4. Sourabh Mukherjee (Vice President –Accenture)5. Dr. Pradeep Bilurkar (Vice President, Machine Learning- Barclays)6. Sameer Dhanrajani (Chief Strategy Officer- Fractal Analytics)
Abstract/short note on the workshop/seminar	<p>With the exponential increase in Big Data and the proliferation of Internet of Things, National Seminar 2018 aims to venture the two contrasting sides in relation to the intersection of Big Data and IoT. Following questions are excerpts from the agenda for the panel discussion at the Seminar to be held in September.</p> <p>► Big Data and IoT - How they intersect and how are they different?</p>

	<p>► Are Big Data and IoT two sides to the same coin?</p> <p>► How is Big Data powering the IoT revolution and how are they generating value together?</p> <p>► What are the challenges in bringing together Big Data and IoT?</p> <p>► Given how complex Big Data and IoT are, is it feasible to amalgamate the two?</p> <p>► How can combining Big Data and IoT leverage other domains?</p>
Approximate number of attendees	206



19th National
Seminar 2018

Amalgamating IoT & Big Data: A Leverage to Data Analytics or an Adversary?

"Hiding within those mounds of data is knowledge that could change the life of a patient, or change the world." - Atul Butte, Stanford.


From the scrolls of ancient Greece to modern day data centres, gathering and storing data is pivotal to documenting human progress. With the advent of the internet, traditional data storage methods were gradually replaced by state of the art data storage capabilities powered with cutting edge technology. Data transformed into Big Data to analyse the explosive rise in the volume of content being generated on the internet each day. Another innovation of this era which compliments Big Data is IoT (Internet of Things). IoT is an ecosystem of connected physical objects that are accessible through the internet. But would they work together?

The importance of data lies not just in quantity but what we can really achieve with this data. Deep insights derived after analysing data are now an inevitable factor aiding decision making in various fields like healthcare, retail, manufacturing and many more. Parallely, smart homes and wearables are testimony to successful IoT capabilities that are now widely accepted around the globe. The sheer purpose of modern day innovation is to converge technology with humans. IoT forces businesses to refocus their goals through design thinking causing a move to technological prerequisites every company needs to adopt.

While Big Data can help bring down costs and save time with cloud-based analytics, miniaturization of technology in IoT has revolutionized mundane tasks. The extent of human intervention has been considerably reduced due to wide spread sensor networks. Decisions can be made faster and more accurately with the processing of this data through techniques like text analytics, sentiment analysis, personality insights and predictive analytics. Each IoT device will be the source of a data storm which offers a threat to data storage. Such a system would need infrastructure like hardware servers at each edge which can become costly. Another challenge is the feasibility to have analytics centres at each IoT edge. Privacy and security of data at every edge is a challenge that needs full proof solutions.


Technology is a means to solve most problems today. IoT and Big Data could complement each other to make the impossible plausible. However, this is one relationship that has complications that need to be ironed out in the years to come. Whether the pros outweigh the cons, whether the marriage of these two technologies is practical, whether the modern day customer can avail and reap the benefits of the amalgamation of IoT and Big Data? -These are some questions that need to be answered. This National Seminar aims to answer these questions and shed light on opportunities that lie unexplored.

Esteemed Dignitaries



Sameer Dhanrajani is a distinguished and widely recognized analytics and AI business leader and visionary known for his deep knowledge, innovation & topical approaches in the analytics and AI space. Sameer is the Chief Strategy Officer at Fractal Analytics. He is responsible for curating strategic roadmaps, driving strategic investments; inorganic growth through M&A, partnerships and alliances, open innovation; lead high-priority growth initiatives and help Fractal clients on AI-led transformation of their businesses. Sameer is a member of the NASSCOM Analytics Special Interest Group, CII knowledge roundtable, ASSOCHAM digital council and has been instrumental in leading the effort for positioning India as the next best destination of choice for AI & Analytics. Sameer is also advisor to Telangana and AP government council for setting up data analytics park and policy in Hyderabad & Vizag and is a steering committee member for drafting AI policy in India. He is the first analytics professional leader in India to deliver TED talk. His recent book "AI and Analytics: Accelerating Business Decisions" published by Wiley is a best seller and has been featured amongst top books in AI and Analytics space.

Sameer Dhanrajani
Chief Strategy Officer,
Fractal Analytics



Sourabh Mukherjee works in a leadership role in the Intelligent Data and Analytics Group in Accenture. He has more than 22 years' experience in IT, of which 13 years have been in the area of Data Management and Analytics. In addition to driving global sales and solutioning for Accenture's Data business through innovation, thought leadership and value creation, Sourabh is also responsible for the development of Accenture's capabilities in New Data through partner alliances and enablement programs to incubate new skills in the firm. He engages with his clients in Advisory roles to develop strategies for their Data Management programs as part of larger business transformation initiatives. Prior to this, Sourabh was an Associate Partner with IBM leading IBM India's Analytics practice, and an Associate Director with Cognizant in its Master Data Management practice. He also sits in the Industry Advisory Board of Calcutta University, RCC Institute of Information Technology, and Upgrad.com for the online Big Data Education program, in partnership with IIIT Bangalore and BITS Pilani. Sourabh lives in Kolkata with his family, and is also an author of 7 fiction books in bestseller charts in retail stores and online, applauded by readers and the mainstream national media, and long-listed for screen adaptations.

Sourabh Mukherjee
VP, Data Management
Capability Lead &
Solutioning Lead,
Intelligent Data and
Analytics Group (IDAG),
Accenture



19th National Seminar 2018



Dr. Sheela Siddappa

Global Head, Data Analytics,
Bosch

Dr. Sheela Siddappa is the Global Head for the Data Analytics program at Bosch. With over 12 years of Industry Experience in the field of Analytics and Machine Learning, Dr. Sheela has addressed business problems in domains like Retail, Health Care, Energy, Manufacturing, Railways, Airlines, Smart city, etc. She was also responsible for the analytics products towards non-linear business.

Prior to joining Bosch, she worked as a Senior Research Scientist and Scientist at the Research Centres of Infosys and General Motors respectively. Dr. Sheela has a doctorate from University of Texas at Arlington, USA, 2006, in Industrial Engineering. She is a member of various societies like Alpha Pi Mu Institute of Industrial Engineers, NASSCOM, INFORMS etc. She is one of the Board Members for premium academic institutes like RVCE, Bangalore and has received multiple awards (Tool Method Invention Award, Best Poster Award, and Best Speaker Award- International) for her innovative and novel work. She has filed three patents and more than 25 International journal and conferences publications to her credit.



Dr. Pradeep Bilurkar

VP, Machine Learning,
Barclays

Dr. Pradeep Bilurkar has 24 years of industry experience out of which 17+ years in IT field and 6+ years in non IT organization. He has spent more than 10 years of in the field of Data Analytics. Currently Dr. Pradeep is working with Barclays and has core skills in Statistical Modelling, Data Engineering, Machine Learning, Artificial Intelligence, Neural Network, Deep Neural Network, and Natural Language Processing along with good experience in Project and Program Management.

Dr. Pradeep has a good academic background with R&D oriented mind. He also has an Indian patent in the area of Cadmium recovery from solar cells using Microbes. Pradeep has published couple of research papers in the field of Material Science, Machine learning and Optimization in International journals.

19th National Seminar 2018



Gokul Alex
Associate Director,
PwC

Gokul is a Digital Futurist and Thought Leader with Professional Mastery and Pragmatic Insights on Business Transformation and Innovation Management with extensive credentials on Business Finance, Strategic Sales, Marketing Strategy, Customer Experience, Enterprise Architecture, Blockchain Technology, Data Science, Design Thinking etc. His innovation management portfolio covers extensive experience with Innovation centres in IBM, EY, UST Global and a suite of Business Incubators, Technology Accelerators, and Government Agencies. Gokul is a globally recognised ECM technology expert and has lead more than 60+ web content management and portal platform delivery engagements. Gokul has contributed to 25+ application legacy modernisation initiatives. He has extensive experiences in designing Hackathons in various flavours and formats such as Techathons, Ideathons, Hackathons, and Datathons and has conducted more than 50+ Hackathons so far. He has filed four patents in IBM Global Business Service related to Cognitive Computing. Gokul is currently contributing to the academic innovation ecosystem in Kerala as the innovation advisor to University of Kerala and ICT Academy of Kerala, Bhub and the Kerala Blockchain Academy.



Kapil Gandhi
Associate Director,
Ernst & Young

Kapil Gandhi is currently Associate Director at EY. Over the past 17 years he has held various leadership positions in Analytics and Automation in Ericsson, Syngenta and Nike to name a few.

Kapil is a results-driven and innovative thought leader with a deep technology competence helping Fortune 500 companies digitize their current business model through Digital Products/Software and Service Offerings (Advance Analytics, Artificial Intelligence, RPA & Intelligent Automation). In the past, he has been responsible for building and executing the companies' digital capability blueprints on analytics and automations for industry verticals, horizontal solutions and services offerings. This included how to bundle Analytics and Digital into various service lines to drive the highest degree of impact to clients through cost optimization, revenue leakage, risk avoidance, quality improvements. Additionally, Kapil Gandhi has also been a keynote speaker in various conferences on Analytics and Automation.

Insights from the Past

18th National Seminar

Beyond the R² : Analytics, an Altruist to Information Security or rather an Antagonist?
With the dominance of Data Analytics and Information Security in a myriad of domains over the years, National Seminar 2017 aims to delve into whether a coalition between the two will take the form of tomorrow's Guardian Angel or rather be a Threat Agent? Following questions are excerpts from the agenda for the panel discussion at the Seminar to be held in September.

- How will Analytics serve as a catalyst for Payment Card Industry Cyber Security?
- Bigger the Data, Bigger the Risk?
- Will the advancement of Analytics put Personally Identified Information at stake?
- Does Big Data Compromise Data Rights and Ownership?
- Does this hour call for an ethical breed of Data Scientists?
- Will Retail Data Analytics pave the way for a smarter shopping experience but naive in Information Security?



19th National Seminar 2018

17th National Seminar

Alliance Between E-Commerce and Social Media: Collaborative Success or Delusion?
With the exponential increase in E-commerce and Social Media penetration among the population in India and around the world, National Seminar 2016 aims to explore the trending alliance between the two. Following questions are excerpts from the agenda for the panel discussion at the Seminar to be held in September.

- How is Social Media more than just a tool for 'Digital Marketing'?
- How effective is this alliance for both entities?
- Does the use of Social Media really increase conversion rates for E-commerce?
- What is the ROI and how is it measured in the industry?
- How are platforms like 'Shopify' changing the way E-commerce industry functions?
is the impact on the alliance?



PROGRAMME SCHEDULE

TIME	TOPIC	SPEAKERS
10:30 AM	Registration	
10:35 AM	Inauguration	
10:45 AM	Welcome Address	Dr. Dhanya Pramod
10:55 AM	Address by Vice Chancellor	Dr. Rajani Gupte
11:05 AM	Address by Principal Director	Dr. Vidya Yeravdekar
11:15 AM	Address by Chancellor	Dr. S. B. Mujumdar
11:25 AM	Address by Chief Guest	Sameer Dhanrajani Chief Strategy Officer – Fractal Analytics
11:45 AM	Panel Discussion	Dr. Sheela Siddappa Global Head, Data Analytics – Bosch
TO	Amalgamating IoT & Big Data:	Kapil Gandhi Associate Director – Ernst & Young
01:00 PM	A Leverage to Data Analytics or an Adversary?	Gokul Alex Associate Director – PwC
		Sourabh Mukherjee Vice President – Accenture
		Pradeep Bilurkar Vice President, Machine Learning – Barclays
1:00 PM	Q & A Session	
1:15 PM	Vote of Thanks	
1:20 PM	Lunch	



15 SEP 2018



10:30 AM



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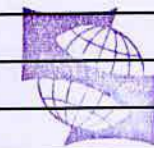


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ATTENDANCE FOR NATIONAL SEMINAR -2018

19th National Seminar -15 /9/2018

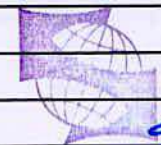
Sr. No.	Name of the Students	Status
	MBA-ITBM	
1	Amulya A	P
2	Adithya N	P
3	Ajinkya Ajayrao Patil	P
4	Ambika Singh Kelwa	P
5	Ankit Rana	P
6	Anuja Anil Khambekar	P
7	Ashneet Singh	P
8	Hamza Mukhtar Bhamla	P
9	Bithal Kumar Agrawal	P
10	Surbhi Ratan Choudhary	P
11	Dev Mishra	P
12	Elaine Fernandes	P
13	Gaurav Kandpal	P
14	Harsh Agrawal	P
15	Isha Khurana	P
16	Mrinali Prakash Jagtap	P
17	Jishnu Sen	P
18	Neha Atul Karad	P
19	Aakash Karwa	P
20	Kirti Yadav	P
21	Amit Lanjewar	P
22	Mugdha Milind Marathe	P
23	Rohit Mishra	P
24	Moonmoon Mandal	P
25	Ankit Amitkumar Naik	P
26	Neha Joshi	P
27	Nidhi Choudhary	P
28	Niharika Kaparaboina	P
29	Ojaswee Singhal	P
30	Dhruvi Hiteshbhai Parekh	P
31	Charmi Patel	P
32	Piyus Ranjan Pradhan	P
33	Pranay Ramesh Devlekar	P
34	Prataprao Raghunandan Shinde	P
35	Priyanshu Saxena	P



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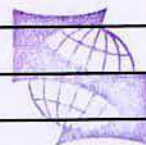
Sr. No.	Name of the Students	Status
36	Runali R Mehta	P
37	Saikat Ghosh	P
38	Prashant Sawant	P
39	Juhi Yogesh Shah	P
40	Shalini Rai	P
41	Shikha Mishra	P
42	Sidhant Bastia	P
43	Soumya V Ganesh	P
44	Subhankar Chaudhary	P
45	Swayam Sidhant Samal	P
46	Tushar Bhimrao Meshram	P
47	Vinay Diwan	P
48	Saurabh Suhas Walavalkar	P
49	Aakrati Sahu	P
50	Tushar Prakash Ahirrao	P
51	Akash Sethi	P
52	Amish Kaul	P
53	Ankita Singh	P
54	Arijit Kumar Chakraborty	P
55	Avantika Khare	P
56	Bishakha Jain	P
57	Chandrani NRanjan Ta	P
58	Manik Dani	P
59	Rashmi Narendra Fusate	P
60	Shivam Sunil Gupta	P
61	Harshita Priya	P
62	Ishwari Dhumale	P
63	Jatin Modi	P
64	Justin George Benny	P
65	Karan Raj Mishra	P
66	Kaustubh Chavan	P
67	Kunal Srijeet	P
68	MD Shahbaz Anwar	P
69	Sunit Rajeev Modak	P
70	Moumita Mondal	P
71	Akhil Sahadevan Nair	P
72	Nidhi Garg	P
73	Omkar Anil Kulkarni	P
74	Deval Manojkumar Parikh	P
75	Patil Rohini Subhash	P
76	Pooja Priyadarshini	P



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Sr. No.	Name of the Students	Status
77	Pranshi Gupta	P
78	Prithviraj Prabhatsinh Barad	P
79	Pujara Ankit Bharat	P
80	Rakshit Kumar Garg	P
81	Rituraj Gautam	P
82	Harsh Anil Salekar	P
83	Sawan Bhan	P
84	Sayali Kashiram Sawant	P
85	Tarang Amit Shah	P
86	Sham Sunder Singla	P
87	Shilpy Agrawal	P
88	Shreyas Shripad Kulkarni	P
89	Shruti Shyamashanker Singh	P
90	Souptik Sur	P
91	Shubhangi Suralkar	P
92	Karishma Vijay Upadhyay	P
93	Vinayak Kishore Sharma	P
94	Abhishek Bakshi	P
95	Aishwarya Garg	P
96	Aksha Mondal	P
97	Amol Madhukar Waghmare	P
98	Asadullah Khan	P
99	Ayush Singh	P
100	Bhaven Rajesh Parikh	P
101	Biswambar Behera	P
102	Ashish Chaudhary	P
103	Darshan W M	P
104	Dimple Mehta	P
105	Meghavi YogeshKumar Gandhi	P
106	Hariesh Kumar A	P
107	Hrishikesh Sunil Vaishampayan	P
108	Vaibhav Vijaykumar Iyer	P
109	Jayant Warriar	P
110	Kamalesh Kumar C	P
111	Shrita Kankar Karmokar	P
112	Rushikesh Jayvantrao Khairkar	P
113	Diksha Rajkumar Lahrani	P
114	Pradnya C Mahadik	P
115	Dave Meet Jayeshbhai	P
116	Mohit Arora	P
117	Mounica Priya	P



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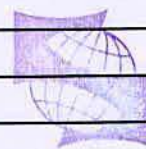
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Sr. No.	Name of the Students	Status
118	Uday Kishor Narkhede	P
119	Nidhi Mishra	P
120	Nimisha Rajesh Singh	P
121	Amit Ravindra Pagar	P
122	Parth Goel	P
123	Rohit Rajendra Pattiwar	P
124	Mona Vilas Pounikar	P
125	Pranshur Dubey	P
126	Priya Karaiya	P
127	Rahat Mahajan	P
128	Roshan Tawar	P
129	Sagar Ckvv	P
130	Saumya Gupta	P
131	Sayantan Bhattacharjee	P
132	Vijay Prakashbhai Shah	P
133	Sharbani Basu	P
134	Shivangi Goel	P
135	Shubham Atkare	P
136	Sitesh Kumar Behera	P
137	Sourav Das	P
138	Rupen Manoj Suryavanshi	P
139	Tanmay Agarwal	P
140	Vidhi Nareshkumar Varma	P
141	Bhamini Deepak Vispute	P
142	Abhishek Patra	P
143	Aishwarya Rajlaxmi Itagi	P
144	Anandam Roychowdhury	P
145	Anshita Mathur	P
146	Ashish Mishra	P
147	Abhinav Bhagavatula	P
148	Jay Ajay Bhimani	P
149	Biswas Mohanty	P
150	Nidhi Narendra Choudhary	P
151	Amishi Dave	P
152	Divya Nadar	P
153	Harneet Singh	P
154	Isha Bansal	P
155	Kajal Jadhav	P
156	Karthik Sridharan	P
157	Amit Rameshwar Khandebharad	P
158	Lakshya Jain	P



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Sr. No.	Name of the Students	Status
159	Satyajeet Dilip Malgaonkar	P
160	Sneha Rajesh Mehta	P
161	Mohit Kumar	P
162	Nabashree Chakravarty	P
163	Nidhi Verma	P
164	Rohit Abhijith Nitta	P
165	Madhu Palter	P
166	Bhagyashri Eknath Paste	P
167	Pranav Aditya Gollamudi	P
168	Prasad Bhoja Shetty	P
169	Priya Shivraj Singh	P
170	Ruchira Waman Teli	P
171	Sagar Saxena	P
172	Ghanshyambhai Nanubhai Savaj	P
173	Shakul Raina	P
174	Shefali Mittal	P
175	Shreeya Santosh Bakhale	P
176	Siddhesh Shiriskar	P
177	Soumya Priyadarshini	P
178	Sri Divya Kocherlakota	P
179	Swati Aggarwal	P
180	Tarun Shukla	P
181	Vidhi Saxena	P
182	Sameer Oka	P
	MBA-DSDA	
183	Ashutosh Pal	P
184	Lakshmi Prasanna Challa	P
185	Dhruv Mohan	P
186	Hamsini Subbiah	P
187	Venkata Subrahmanyam Ivatury	P
188	Krithika K	P
189	Ankit Nailesh Kothari	P
190	Madhu Maurya	P
191	Sarvagna Srikari Mahakali	P
192	Mayurakshi Paul	P
193	Mitul Gujaria	P
194	Nirad Kumar	P
195	Palak Krishnatri	P
196	Prachi Narang	P
197	Pralika Banerjee	P
198	Priyanshu Upadhyay	P



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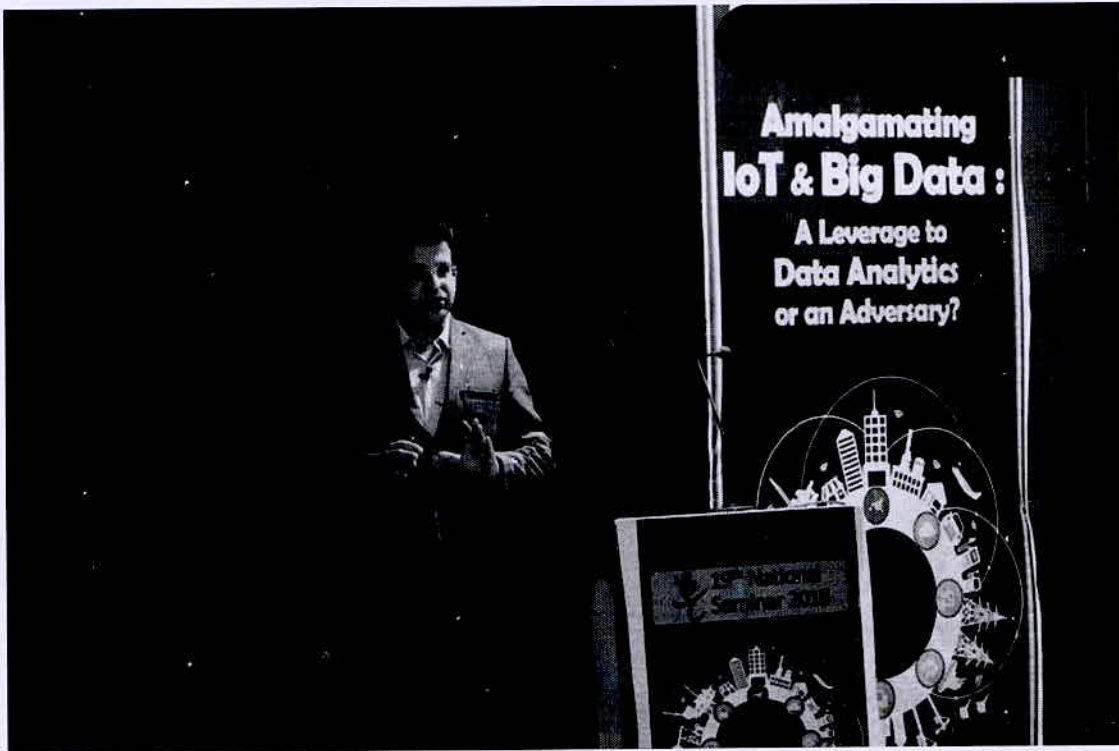
Sr. No.	Name of the Students	Status
199	Pranoti Ramteke	P
200	Sahej Kaur Narula	P
201	Shruti Mehtri	P
202	Sk Minhajur Rahman	P
203	Sriparna Banerjee	P
204	Sukanya Suresh Kumar	P
205	Swaminath V	P
206	Yoginya Iyer	P



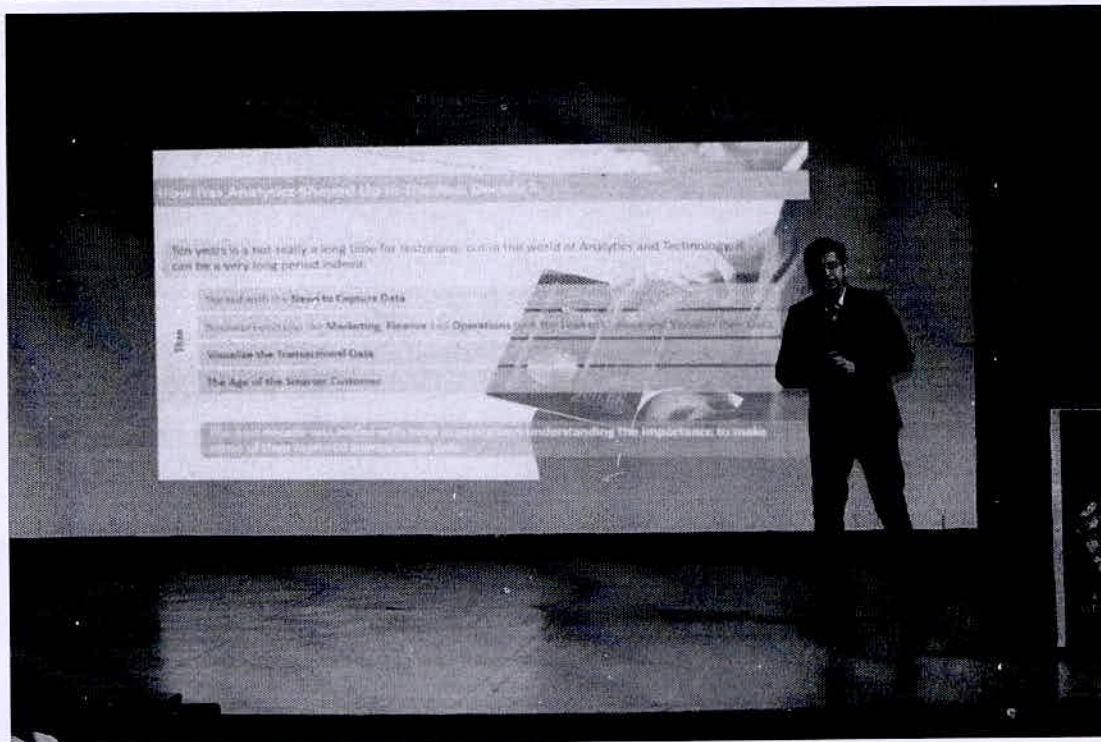
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Mr. Sameer Dhanraiani, Chief Strategy Officer, Fractal analytics



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Panel for Discussion:

Mr. Sourabh Mukherjee, VP –Data Management Capability Lead & Solutions Lead, Accenture

Dr. Sheela Siddappa, Global Head Data Analytics, Bosch

Mr. Gokul Alex, Associate Director, PWC

Mr. Pradeep Bilurkar, VP-Machine Learning, Barclays



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