



ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University

Electronics City, Bengaluru - 100

Accredited with NAAC "A" Grade || Recognised under 2(f) & 12(b) of the UGC Act

A FRANSALIAN INSTITUTE OF HIGHER LEARNING

REPORT ON APPLICATION OF BIG DATA RESEARCH

DATE : 13 & 14 FEBRUARY 2020

VENUE : BUSINESS LAB

CONDUCTED BY :

Department of Computer Science And IP And Research Cell

ORGANIZED BY :

St. Francis de Sales College, Electronic City, Bengaluru



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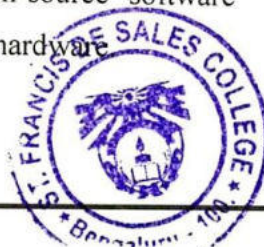
As part of the Cyber Spirits association activity, a seminar is conducted by Dr. Ashoka S., PG Co-ordinator Department of Computer Science [PG] Maharani Cluster University Palace Road, Bengaluru on 13th February from 9.00am to 3.30 pm in Business Lab to the Computer Science and applications students who are interested to do research in big data related topics.

Day 1:

Dr. Ashoka S in his welcome address emphasized that the students must understand the latest available technologies and ensures use of the same for further development and expansion of the businesses. He started the session with the definition of Big Data. "Big Data is an evolving term that describes any voluminous amount of structured, semi-structured and unstructured data that has the potential to be mined for information". In simple words, Big Data is a pure technological term. Big Data is often characterized by 3Vs:

- Velocity,
- Variety and
- Volume.

He also discussed about 'Hadoop Analytics'. "Hadoop is an open-source software framework for storing data and running application on clusters of commodity hardware".



Electronics City P.O., Bengaluru - 560 100

Tel: 080-27836065 / 27834611, Fax: 080-27832299, Email: sfscollege.ecity@gmail.com | sfscollege@rediffmail.com

www.sfscollege.in



Day 2

The first session of day 2 was continued Dr. Ashoka S on 14th February at 9.00am to 11.30am in business lab to the Computer Science and Applications students. Big data provides massive storage for any kind of data, enormous processing power and the ability to handle virtually limitless concurrent tasks or jobs”.

He covered five digital forces namely:

- Big Data Analytics
- Cloud Computing
- Social Media
- Robotic Process Automation(RPA)
- Mobility and pervasive computing

The second session of Day 2 Dr. Ashoka S from 12: 00 pm to 3:00 pm was to explore Big Data Analytics is the process of examining large and varied data sets i.e., big data to uncover hidden patterns, unknown correlations, market trends, customer preferences and other useful information that can help organizations make more informed business decisions. The main purpose of Big Data Analytics is to make better decision. In the simplest terms, cloud computing means storing and accessing data and programs over the Internet instead of your computer's hard drive. The cloud is just a metaphor for the Internet. The “social” part refers to interacting with other people by sharing the information with them and receiving information from them.

The “media” part refers to an instrument of communication, like the internet(while TV, radio and newspapers are examples of traditional forms of media). Social media are web based communication tools that enable people to interact with each other by both sharing and consuming information. Robotic Process Automation is the use of software with Artificial Intelligence (AI) and machine learning capabilities to handle high- volume, repeatable task that previously required a human to perform. Mobility solutions focus on helping the organizations achieve the following business objectives:

Improve Productivity and Efficiency

Enhance Customer Experience

Improve Service Delivery

Students have participated in large numbers in the seminar and they have not only seriously asked several questions but also gave their basic understanding and expressed their views. Students found the seminar very informative and interactive.

Naye
Co-ordinator
Internal Quality Assessment Cell
St Francis de Sales College
Electronics City Post, Bangalore - 560 100.

Rayle
PRINCIPAL
St. Francis de Sales College
Electronics City Post, Bangalore - 560 100.



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ATTENDANCE LIST

DATE : 13, 14 FEBRUARY 2020

EVENT : BIG DATA RESEARCH

| SL.NO | NAME | ROLL NO | Signature |
|-------|--------------------|------------|---------------------|
| 1 | SUSHMITHA KRISHNAN | 19NCAEC008 | <i>Sush...</i> |
| 2 | TONY A J | 19NCAEC009 | <i>Tony. A</i> |
| 3 | KISHORE Y J | 19NCSMT001 | <i>Kishore Y J</i> |
| 4 | P C SUKANYA | 19NCSMT002 | <i>Sukanya...</i> |
| 5 | RAKSHITHA S | 19NCSMT003 | <i>Rakshitha</i> |
| 6 | RANI PRACHANDI | 19NCSMT004 | <i>Rani</i> |
| 7 | SUSHMA R | 19NCSMT005 | <i>Sushma R</i> |
| 8 | AKKAMAHADEVI | 19NCCOM001 | <i>Devi</i> |
| 9 | ANIL KUMAR S R | 19NCCOM002 | <i>Kumares</i> |
| 10 | ANJITHA SANTHOSH | 19NCCOM003 | <i>Santhosh</i> |
| 11 | ARCHITHA N | 19NCCOM004 | <i>Architha</i> |
| 12 | ASHWINI N | 19NCCOM005 | <i>Ashwini N</i> |
| 13 | ASIF PATEL P | 19NCCOM006 | <i>Patel</i> |
| 14 | BHAVANI L | 19NCCOM007 | <i>BHAVANI L</i> |
| 15 | CHAITHRA B R | 19NCCOM008 | <i>Chaitra BR</i> |
| 16 | CHAITHRA K R | 19NCCOM009 | <i>Chaitra</i> |
| 17 | CHARLESON BRICE | 19NCCOM010 | <i>Charleson</i> |
| 18 | DHANANJAY R | 19NCCOM011 | <i>Dhananjay</i> |
| 19 | DHANESHWARI | 19NCCOM012 | <i>Dhaneshwari</i> |
| 20 | GOWTHAMI S | 19NCCOM013 | <i>Gowthami S</i> |
| 21 | JANAKIRAM R | 19NCCOM014 | <i>Janakiram</i> |
| 22 | JYOTHI S | 19NCCOM015 | <i>Jyothi S</i> |
| 23 | KAVYANJALI R | 19NCCOM016 | <i>Kavyanjali R</i> |
| 24 | MADHUSHREE M | 19NCCOM017 | <i>Madhushree</i> |
| 25 | MAHUA BANERJEE | 19NCCOM018 | <i>Manoj</i> |
| 26 | MANOJKUMAR HR | 19NCCOM019 | <i>Manoj</i> |
| 27 | MARY JENITHA P | 19NCCOM020 | <i>Mary</i> |
| 28 | NANDINI T | 19NCCOM021 | <i>Nandin</i> |
| 29 | NARENDRKUMAR L | 19NCCOM022 | <i>Narendr</i> |



| | | | |
|----|---------------------|------------|--------------|
| 30 | NAVEEN KUMAR M | 19NCCOM023 | Naveen |
| 31 | NAVYA M | 19NCCOM024 | Navya M |
| 32 | NITHYA K | 19NCCOM025 | nithya |
| 33 | PAVAN KUMAR S | 19NCCOM026 | Pavan |
| 34 | POOJA H | 19NCCOM027 | Pooja H. |
| 35 | PRASANNA M | 19NCCOM028 | Prasanna |
| 36 | PRATHIBHA M | 19NCCOM029 | Prathibha |
| 37 | PRERANA R | 19NCCOM030 | PRERANA R |
| 38 | PRINCY T | 19NCCOM031 | Princy T |
| 39 | PUSHPA H | 19NCCOM032 | Pushpa |
| 40 | RAGHAVENDRA S | 19NCCOM033 | Raghavendra |
| 41 | RAMYA M | 19NCCOM034 | Ramya |
| 42 | SAVITHA V | 19NCCOM035 | Savitha V |
| 43 | SHIVA M R | 19NCCOM036 | Shiva |
| 44 | SREENATH M | 19NCCOM037 | Sreenath |
| 45 | SUMA D | 19NCCOM038 | Suma D |
| 46 | TEJASWINI G P | 19NCCOM039 | Tejaswini |
| 47 | VINOD KUMAR S | 19NCCOM040 | Vinod Kumar |
| 48 | YASHAVANTHACHA RI H | 19NCCOM041 | Yashavanth |
| 49 | MADAN Y | 19NCCFC001 | Madan |
| 50 | MADHU K | 19NCCFC002 | Madhu |
| 51 | MOHAMMED | 19NCCFC003 | Mohammed |
| 52 | PRUTHVI RAJ S | 19NCCFC004 | Pruthvi |
| 53 | RASHMITHA R | 19NCCFC005 | Rashmitha |
| 54 | RENUSHREE S | 19NCCFC006 | Renushree |
| 55 | SANDEEP R | 19NCCFC007 | Sandeep |
| 56 | ANSA SARAH SUNNY | 19NCSM8001 | Ansah |
| 57 | CHITHRA M | 19NCSM8002 | Chithra |
| 58 | HARSHITHA R | 19NCSM8003 | Harshitha |
| 59 | JITHIN ABRAHAM | 19NCSM8004 | Jithin |
| 60 | JOSHITHA BABU | 19NCSM8005 | Josmitha |
| 61 | MERIL K P | 19NCSM8006 | Meril K.P |
| 62 | PRASHANTHI K C | 19NCSM8007 | Prashanthi |
| 63 | PRAVALLIKA S G | 19NCSM8008 | Pravalli |
| 64 | SUDHANGSU THAPA | 19NCSM8009 | Sudhansu |
| 65 | TERESSA SONIA | 19NCSM8010 | Teressa |
| 66 | TREESA MARY | 19NCSM8011 | Treesa |
| 67 | ABIJITH SAJI | 18NCCOM001 | Abijith |
| 68 | ABY MATHEW | 18NCCOM002 | Abi Mathew |
| 69 | AKHIL THOMAS | 18NCCOM003 | Akhil Thomas |
| 70 | AKHILESHA C | 18NCCOM004 | Akhilesha C |



| | | | |
|-----|---------------------|------------|--------------|
| 71 | CHAITHRA M | 18NCCOM005 | Chaitra |
| 72 | CHAITHRA P | 18NCCOM006 | Chaitra |
| 73 | CHANDINI .K | 18NCCOM007 | Chandini.K |
| 74 | GOKUL R | 18NCCOM008 | Gokul |
| 75 | GURUPRASAD A | 18NCCOM009 | Guruprasad |
| 76 | JANITHA C N | 18NCCOM010 | Janitha.C.N |
| 77 | JERSLIN J | 18NCCOM011 | Jerslin |
| 78 | MANASA S | 18NCCOM012 | Manasa.S |
| 79 | MANJUNATHA M | 18NCCOM013 | manjunath |
| 80 | NIKHIL KUMAR R | 18NCCOM014 | nikhil |
| 81 | PALLAVI N M | 18NCCOM015 | Pallavi |
| 82 | POOJA LOHAN | 18NCCOM016 | Pooja |
| 83 | PRANESH YADAV B P | 18NCCOM017 | Pranesh |
| 84 | PREMA C | 18NCCOM018 | Prema |
| 85 | PRINCY F | 18NCCOM019 | Princy.F |
| 86 | PRIYANKA B M | 18NCCOM020 | Priyanka |
| 87 | PUNYA SHREE A V | 18NCCOM021 | Punya |
| 88 | R ASHWINI | 18NCCOM022 | Ashwini |
| 89 | RAVIKUMAR C | 18NCCOM023 | Ravi |
| 90 | REEMA DEBNATH | 18NCCOM024 | Reema |
| 91 | SANGEETHA B | 18NCCOM025 | Sangeetha |
| 92 | SANJAY E S | 18NCCOM026 | Sanjay |
| 93 | SHALINI J | 18NCCOM027 | Shalini |
| 94 | SHEETHAL PRAKASH .H | 18NCCOM028 | Sheetal |
| 95 | SOUNDRYA N M | 18NCCOM029 | Soundarya |
| 96 | STANY ABHISHEK F | 18NCCOM030 | Stany |
| 97 | SWATHI D | 18NCCOM031 | Swathi |
| 98 | VENKATESH M | 18NCCOM032 | Venkatesh M. |
| 99 | YASHO LAKSHMI .R | 18NCCOM033 | Yasho |
| 100 | AMBUJA K | 18NCCFC001 | Ambuja |

