RISE KRISHNA SAI GANDHI GROUP OF INSTUTIONS:ONGOLE

Certificate program
on
"DATA ANALYTICS
ON
POWER BI"

7th October 2019 TO 11th October 2019

R.Anil Kumar
Technical Trainer,
Hyderabad,

ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRINCIPAL
RISE KRISHNA SAI GANDHI
GROUP OF INSTITUTIONS
VALLURU:: ONGOLE

RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS:: ONGOLE
(APPROVED BY AICTE-NEW DELHI, AFFILIATED TO JNTUK KAKINADA)
NH-16, Valluru-523272, Ongole, Prakasam (Dist), AndhraPradesh, India

Department of Computer Science and Engineering

Valluru,

Date: 3-10-2019

To

R.Anil Kumar

Technical Trainer,

Hyderabad,

Ph:+91 9989324355

Dear Sir,

Subject: A letter of Invitation to conduct a 5 Day Certificate program on "Data Analytics on PowerBI" - Reg.

Greetings from RISE Krishna Sai Gandhi Group of Institutions, Ongole

The RISE Institutions started functioning from the academic year 2009-10 and offering undergraduate courses in several engineering branches namely CE, CSE, ECE, EEE and ME.

As per the discussion with Mr. P. Isaac Paul, Professor & HOD, CSE Department of our Institute, I hereby take this opportunity to invite you to conduct the Certificate program on "DATA ANALYTICS ON POWERBI " From 07-10-2019 to 11-10-2019

You are requested to interact and provide guidance to our IV B.Tech students, who are looking forward to their bright career ahead. I will feel honored by your gracious presence at our organization. I believe that your lecture will help our students and faculty members to explore knowledge.

Thanking you in anticipation.

Yours sincerely,

Principal

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R.Anil Kumar

Ph:+91 9989324355

Email:anilkumar.cse502@gmail.com

I am a Pan India freelance trainer for technical skills, Employability Skills, who is passionate about people development and personal effectiveness. I have conducted Training programs across Colleges, Management Institutions and other Corporate Sectors.

List of colleges/Universities from 2011 – 2023 (Corporate training Program)

- Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada (Autonomous)
- SIR C.R.Reddy College of Engineering,Eluru(Autonomous)
- Rise Krishna Sai Prakasam Group of Institutions, Ongole
- Rise Krishna Sai Gandhi Group of Institutions, Ongole
- Sagi Rama Krishnam Raju Engineering College, Bhimavaram (Autonomous)
- Bapatla Engineering college, Bapatla (Autonomous)
- Sri Venkateswara Institute of Science &Technology, Kadapa
- Annamacharya Institute of Technology & Sciences, Rajampet (Autonomous)
- Annamacharya Institute of Technology & Sciences, Tirupati (Autonomous)
- Ballari Institute of Technology & Management, Ballari (Autonomous)
- NRI Institute of Technology, Guntur
- Sri Mittapalli College of Engineering, Guntur
- Vignan's Foundation Science, Technology & Research, Guntur (Deemed University)
- St.Mary's Group of Institutions for Women ,Guntur
- Viswam Engineering College, Madanapalle
- Ravindra College of Engineering for Women, Kurnool
- G Pullaiah college Of Engineering and Technology, Kurnool
- Ashoka women's Engineering College, Kurnool
- Sreenivasa College Of Engineering and Technology, Kurnool

List of Training Institutes from 2011 – 2023:

- Broad WingTechnologies, MaddurNagar, Kurnool,Andhra Pradesh 518002.
- MBS RESEARCH AND DEVELOPMENT,Near check post, Kurnool,Andhra Pradesh 518002.

PROFESSIONAL EXPERIENCE:

- Over **Twelve years** of experience in the field of Teaching the subjects of Computer Science & Engineering Branch.
- Experienced in the field of Teaching and Management, held the designation as Assistant professor in Computer Science & Engineering Department at Dr.K.V.S.R ENGINEERING COLLEGE, Kurnool (Dist.), Andhra Pradesh from 2008 to 2009.

ACHIEVEMENTS:

- Ratified as an **Assistant Professor** of CSE Department by JNTU Anantapur, in the year December 2013.
- Certified with **IIT KANPUR** for successful completion of NPTEL online exam pertaining to "Theory of Computation" course, September-2017.
- Certified with **IIT KHARGAPUR** for successful completion of NPTEL online exam pertaining to "Database Management Systems" course, March-2018.

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- Certified with **IIT MADRAS** for successful completion of NPTEL online exam pertaining to "Design and Analysis of Algorithms" course, October-2018.
- Certified with **IIT MADRAS** for successful completion of NPTEL online exam pertaining to "Discrete Mathematics" course, April-2019.
- Certified & Awarded with a **SILVER MEDAL** from **IIT MADRAS** for successful completion of NPTEL online exam pertaining to "The joy of Computing using Python course", October-2019.
- Certified with **ORACLE ACADEMY** for successful completion of "Database Design and Programming with SQL "course.
- Certified with **APSSDC** for successful completion of "Master Class on Python Programming" one-month online course,from 28-2-2022 to 29-3-2022, certificate number:PS-APSSDC-PYMC-593.
- Successfully achieved student level credential for completing the Python Essentials 1 and 2 course, Provided by Cisco Networking Academy in collaboration with OpenEDG Python Institute (August-2023).
- MEMEBRSHIP: LIFE TIME MEMBER OF **ISTE** FROM JULY 2012 ONWARDS (LM 85349).
- MEMEBRSHIP:Professional Memberof Institute for Engineering Research and Publication (IFERP) from NOV 2019 onwards(PMIN30289751)

IAM PROUD OF:

- My achievement of, having 10 out of 30 students I trained have cleared **TCS CODE VITA FIRST ROUND in 2018**, from G. PULLAIAH COLLEGE Of Engineering & Technology, Kurnool.
- Remarkable achievement of **75%** of the students I trained are placed in various companies like **TCS,WIPRO,CAPGEMINI,INFOSYS** in on-campus and off-campus drives in ASHOKA WOMENS ENGINEERING COLLEGE, Kurnool from 2022 batch. I have trained students in all the relevant technical rounds for this batch for all company's drives.
- Memorable achievement of **60%** of my trained students getting placed in the year 2021 with notable companies like **Accenture, Infosys, Capgemini, HCL & TCS** etc.
- My strength in providing exclusive and company specific trainings **for TCS and WIPRO hiring.**
- A **"Faculty Development Program"** in 2018 where in I have been the resource person for FDP on C language and Data Structures for the faculties from G Pullaiah college of Engineering & Ravindra Women's Engineering colleges.

List of modules delivered for Engineering Colleges:

Module	Brief	Learning Objectives
C Language	• Data types, I/O handling • Functions • Pointers • Structures and Unions • Files	• To be quick and active coder • To be able to attempt MCQs • To comprehend the gist of a given program

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Python	• Datatypes, I/O handling • Data structures, Comprehensions • Functions • Modules and packages • GUI handling • Data science	• Handling object-oriented programming • Robust logic building • Handling libraries
Algorithms	• Divide and conquer • Greedy programming • Dynamic programming • Searching and sorting	• Logic building skills • Problem solving • Complexity analysis
Data Structures	• Linked lists • Dynamic arrays • Trees • Graphs • Hash map • Tries	• Handling multiple data types and structures • Identifying the perfect fitting data structure
Java (Core Java)	• Datatypes, I/O handling • Data structures • Methods, Collections • Modules and packages • Applets, Swings, Servlets • Object oriented programming • JSP, JDBC	• Handling object oriented programming • Robust logic building • Handling libraries

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NH-16, Valluru-523272, Ongole, Prakasam (Dist), AndhraPradesh, India

Department of Computer Science and Engineering

PROPOSAL FORM

SUB: 5 Day Certificate program" **Data analytics on PowerBI** "-Programme

To the Secretary/Correspondent through Principal for kind approval

1	NAME OF THE INSTITUTION	**Rise Krishna Sai Gandhi Group of Institutions**
2	NAME OF THE DEPARTMENT	Computer Science and Engineering
3	TITLE OF THE PROGRAMME	5 Day Certificate program
4	NAME OF THE PROGRAMME	5 Day Certificate program on" **Data analytics on PowerBI** "
5	OBJECTIVE OF THE PROGRAMME	To bring the exposure in the recent advancements in the subject.
6	DETAILS OF RESOURCE PERSON(S)& CV ATTACHED.	R.Anil Kumar Technical Trainer, Hyderabad, **Ph**:+91 9989324355
7	PROPOSED DATE(S)/ACADEMIC YEAR	07-10-2019 to 11-10-2019
8	DURATION OF THE PROGRAMME	5-Days
9	VENUE	Seminar hall
10	TARGETS	IV CSE students
11	No. OF PARTICIPANTS	113 students
12	REGISTRATION FEE	Nil
13	NAME OF PROGRAMME CO ORDINATOR(S)	Mr.CH.HARI KRISHNA ,Assoc..professor
14	NAME OF THE STUDENTS COORDINATOR(S)	1. DIVYA SREE KOLL(168B1A0511) 2. KOTHA POOJITHA(168B1A0524) 3. P S S N SUSMITHA(168B1A0582)

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		4. V DIVYA(168B1A0583)
15	SOURCE OF FUND IDENTIFIED	Management
16	MANAGEMENT CONTRIBUTION REQUIRED	YES /NO
17	NAME OF BUDGETORY MEMBERS	1.Mr. P. Isaac Paul (HOD) 2. Mr.CH.HARI KRISHNA(CO ORDINATOR)

SUBMITTED BY

HOD

EAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of
stitutions,VALLUR,A.P.-523 272

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A FIVE DAY CERTIFICATE PROGRAMME ON

"Data Analytics on Power BI"

7th – 11th Oct, 2019.

Coordinator

Mr.CH.HARI KRISHNA
Assoc.Prof.

Organized by

Department of Computer Science and Engineering

RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS
(Approved By AICTE-NEW DELHI, Affiliated To JNTUK KAKINADA)
(NBA accredited ECE, EEE, and CE & ME)
An ISO 9001:2015 Certified Institute
NH-16, Valluru, Ongole,
Prakasam District, A.P-523272
Phone : +91 99662 72111
mail id : rise_gandhi@yahoo.com

ORGANIZING COMMITTEE

Chief Patrons

Sri SIDDA. VENKATESWARA RAO
Chairman

Sri I. C. RANGAMANNAR
Hon'ble Chairman

Sri SIDDA. HANUMANTHA RAO
Secretary

Sri SIDDA. BHARATH
Treasurer

Patron

Prof. Dr. K.V.SUBRAHMANYAM
Principal

Coordinator

Mr.CH.HARI KRISHNA
Assoc.prof.

STUDENT REGISTRATION FORM

Name : .....

Gender : .....

Department : .....

Institution : .....

Address for Communication.

.....

.....

.....

PIN :.....

EMAIL :.....

MOBILE NO. : .....

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About RISE:-

RISE KRISHNA SAI Gandhi Group of Institutions is located in the outer suburb of the calm town, Ongole in Prakasam district in Andhra Pradesh. RISE KRISHNA SAI Gandhi Group of Institutions offers unparalleled Engineering, Management and Computer Education.

The most competent and dedicated technical and human resources in the campus sharpen students and their skills. They, thereby, shall be sure to make the greatest possible strides both in their career and life!

The Institution was established on 5th October 2009 by RISE which stands for Rural Institute of Social and Economic Empowerment.

The institution is approved by AICTE, New Delhi and Govt. of Andhra Pradesh and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK).

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (MBA & MCA)

About Department:-

The department of Electronics and Communication Engineering was established in 2009 with an intake of 60 students in the UG programmer.

The intake was enhanced to 120 in 2010 with highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories. The department also has audiovisual facilities with sufficient LCD and OHP's for effective teaching.

The staff members are deputed to participate in workshops, conferences and refresher courses to keep in pace with recent developments in the field of Electronics & Communication Engineering.

Objectives of the Programme:-

Organizations exist to achieve business objectives and in today's data driven world, we know that progress is measured through data. However, this is often challenging as goal tracking systems are disconnected from your business data and often require manual updates. Not only that, but goals need to be optimized for teamwork, tightly integrated into core business processes, and easily extended.

We are very excited to announce the **public preview of Goals in Power BI Premium.** Goals is a data-driven, collaborative, and adaptable way to measure key business metrics and goals built directly on top of Power BI. Goals enables teams to easily curate business metrics that matter most and aggregate them in a unified view. From there, teams can measure progress against their goals, proactively share updates with their teammates, and dive deeper into their data when something needs further analysis. Users can easily monitor the health of their business, bringing in data across multiple Power BI workspaces and create gorgeous scorecards to drive impact.

Course Contents:-

- Introduction
- Features
- Architecture
- Pros and cons
- Data Modeling
- Dashboards in Power BI
- Power BI Desktop
- Data sources
- Admin Roles
- Report Server
- Tables
- Case studies
- Books
- Gateways
- Filters
- Queries
- Slicers
- KPIs

Resource Person:-

R.Anil Kumar,
Dirctor, a Pan India freelance trainer for technical skills, Employability Skills.
Hyderabad

Guidelines:-

- No participant fee will be collected.
- Session time will be from 9:00AM to 5:00PM.

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NH-16, Valluru -523272, Ongole, Prakasam District, A.P, India.

Department of Computer Science and Engineering

Valluru,
Date: 6-10-2019.

CIRCULAR

This is to inform IV B.Tech students and faculty that there will be a 5-Day Certificate program on " DataAnalytics on PowerBI" from 07-10-20219 to 11-10-2019 by R,Anil kumar , Technical trainer on PowerBI at Hyderabad.

Professor and HOD

HEAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of Institutions,VALLUR,A.P.-523 272

Copy to:

Principal

Staff Circular

Students of CSE IV year

CSE Department Notice Boards

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Department of Computer Science & Engineering

Schedule for "DATA ANALYTICS ON POWER BI"

S.No	Date	Time	Topic Covered
1	07-10-2019	9.00am to 10.00am	Opening ceremony
		10.00am to 12.40pm	1. Automate KPIs 2. Visualize Sales vs Marketing Leads 3. Real-Time View of Financial Performance
		Lunch	
		1.20pm to 5.00pm	4 What is Power BI? 5 Power BI Dashboard **6** Access to Volumes of Data from Multiple Sources
2	08-10-2019	9.00am to 12.40pm	7. Interactive UI/UX Features 8. Exceptional Excel Integration **9.** Accelerate Big Data Preparation with Azure
		Lunch	
		1.20pm to 5.00pm	**10.** Turn Insights into Action 11. "Power BI in Data Analytics" 12. **Introduction to Power BI*:**
3	09-10-2019	9.00am to 12.40pm	13. Data Import 14. Data Modeling: 15. Data Modeling

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		Lunch	
		1.20pm to 5.00pm	16. Data Visualization 17. Dashboard Creation 18. Report Generation
4	10-11-2019	9.00am to 12.40pm	19. Data Analysis with Power BI 20. Power Query 21. DAX (Data Analysis Expressions
		Lunch	
		1.20pm to 5.00pm	22. Data Refresh and Update 23. Sharing and Collaboration 24. Mobile Integration
5	11-10-2019	9.00am to 12.40pm	25. Security in Power BI 26. Case Studies 27. Best Practices
		Lunch	
		1.20pm to 4.00pm	28. Challenges and Solutions 29. Future Trends: 30. Conclusion
		4.00pm to 5.00pm	Closing ceremony

Coordinator

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HOD
HEAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of
Institutions, VALLUR, A.P.-523 272

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NH-16, Valluru -523272, Ongole, Prakasam District, A.P, India.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK FORM

NAME OF THE STUDENT : A. Maneesha DATE: 11/10/2019

ROLL NO : 168B1A0501 A.Y: 2019-20

PROGRAMME NAME : Data Analytics on Power BI

S.NO	FEED BACK POINTS	1	2	3	4	5
1	Is the Programme useful or not?				✓	
2	Is the Programme well planned or not?					✓
3	Programme makes objectives clear?					✓
4	Programme speaker speaks clearly and audibly?					✓
5	Speaker explains with examples clearly?					✓
6	Is your Doubts clarified or not?				✓	

5-EXCELLENT 4-GOOD 3-AVERAGE 2-POOR 1-NO COMMENT

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK FORM

NAME OF THE STUDENT : N. Anjusha DATE: 11/10/2019
ROLL NO : 16881A0533 A.Y: 2019 - 2020
PROGRAMME NAME : Data Analytics on power BI

S.NO	FEED BACK POINTS	1	2	3	4	5
1	Is the Programme useful or not?				✓	
2	Is the Programme well planned or not?				✓	
3	Programme makes objectives clear?				✓	
4	Programme speaker speaks clearly and audibly?					✓
5	Speaker explains with examples clearly?					✓
6	Is your Doubts clarified or not?					✓

5-EXCELLENT 4-GOOD 3-AVERAGE 2-POOR 1-NO COMMENT

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK FORM

NAME OF THE STUDENT : V. Sai krishna DATE: 11/10/2019
ROLL NO : 16881A0559 A.Y: 2019-2020
PROGRAMME NAME : Data analytics on power B.I

S.NO	FEED BACK POINTS	1	2	3	4	5
1	Is the Programme useful or not?					✓
2	Is the Programme well planned or not?				✓	
3	Programme makes objectives clear?					✓
4	Programme speaker speaks clearly and audibly?					✓
5	Speaker explains with examples clearly?					✓
6	Is your Doubts clarified or not?					✓

5-EXCELLENT 4-GOOD 3-AVERAGE 2-POOR 1-NO COMMENT

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK FORM

NAME OF THE STUDENT : N. Bharathi DATE: 11.10.2019

ROLL NO : 168B1A0581 A.Y: 2019-2020

PROGRAMME NAME : Data Analytics on power B.I

S.NO	FEED BACK POINTS	1	2	3	4	5
1	Is the Programme useful or not?					✓
2	Is the Programme well planned or not?				✓	
3	Programme makes objectives clear?				✓	
4	Programme speaker speaks clearly and audibly?					✓
5	Speaker explains with examples clearly?					✓
6	Is your Doubts clarified or not?				✓	

5-EXCELLENT 4-GOOD 3-AVERAGE 2-POOR 1-NO COMMENT

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NH-16, Valluru-523272, Ongole, Prakasam (Dist), Andhra Pradesh, India

Department of Computer Science and Engineering

Certificate program Feedback Analysis

Topic : 5 DAY Certification program on
" DATA ANALYTICS ON POWER BI"

Resource Person :Mr.R.Anil kumar
Technical Trainer, Hyd.

Dates :07-10-2019 to 11-10-2019

Venue : Seminar Hall

Targeted Students : IV Year students

S.No	No. of students Participated	No. of students given feedback	Feedback %
1	113	113	100%

Co-ordinator

Head of the Department
HEAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of
Institutions,VALLUR,A.P.-523 272

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DEPARTMENT OF COMUTER SCIENCE AND ENGINEERING

FEEDBACK ANALYSIS

A.Y: 2019-20 **Year : IV B.Tech CSE** **Date: 11-10-2019**

Certificate Program on " DATA ANALYTICS ON POWER BI"

S.No	Roll Number	Name	1	2	3	4	5	6
1	168B1A0501	ALLAM MANEESHA	4	5	5	5	5	4
2	168B1A0503	BANDI REVATHI	5	4	5	4	4	5
3	168B1A0504	BIYYAPU SRAVYA	5	5	4	5	5	4
4	168B1A0505	BOGGARAPU SWETHA	4	5	4	4	5	5
5	168B1A0506	CHALLA SWAPNA	4	5	5	5	5	5
6	168B1A0507	CHALUVADI RESHMA SAI	4	4	5	4	5	4
7	168B1A0508	CHALUVADI VENKATA RAMYA	4	4	5	5	5	5
8	168B1A0509	DESU KIRANMAYEE	4	5	5	4	4	4
9	168B1A0510	DIVI MOUNIKA	4	4	5	5	4	5
10	168B1A0511	DIVYA SREE KOLLI	4	4	5	4	5	5
11	168B1A0512	GADELA LAKSHMI PRASANNA	5	5	4	5	5	4
12	168B1A0513	GADIPARTHI JYOTHSNA	5	5	5	5	5	5
13	168B1A0514	GANAPANENI NARAYANA HARSHITHA	5	4	5	5	5	5
14	168B1A0515	GHORAKAVI VENKATA SAI SREELEKHA	4	5	4	5	5	5
15	168B1A0516	GOGINENI VENKATA ANUSHA	4	5	5	4	5	4
16	168B1A0517	GORIGE VENKATA NAVYA SRI	4	5	5	4	4	5
17	168B1A0518	KAMMA RAJA RAJESWARI	4	5	5	5	4	5

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18	168B1A0519	KARETI VASAVI	5	4	5	4	5	4
19	168B1A0520	KODE VANA PRIYA	4	5	5	4	5	5
20	168B1A0521	KODURI AMRUTHA	4	5	5	5	5	5
21	168B1A0522	KOPPOLU SADHIKA	5	4	4	5	5	5
22	168B1A0523	KOTA VENKATA DHANA LAKSHMI	4	5	4	4	5	4
23	168B1A0524	KOTHA POOJITHA	4	5	5	4	5	5
24	168B1A0525	MADDI VENKATA PRASANNA SUPRIYA	5	5	5	5	4	4
25	168B1A0526	MADDIREDDY SRAVANI	4	5	4	5	5	5
26	168B1A0527	MANDADI SRAVANI	4	4	5	4	4	4
27	168B1A0528	MANDALAPU SARANYA	5	4	5	5	4	5
28	168B1A0529	MANNAM SAMATHA KUMARI	4	5	5	4	4	5
29	168B1A0530	MURAKA APARNA	4	5	5	4	4	4
30	168B1A0531	NARISETTY PADMAVATHI	4	4	5	4	5	5
31	168B1A0532	NARNE MAMATHA	4	4	4	5	5	5
32	168B1A0533	NEELAKANTAM ANKUSHA	4	4	4	5	5	5
33	168B1A0534	NUVVALA NAGABHARGAVI	5	4	5	5	5	4
34	168B1A0535	PAIDIPATI SREELAKSHMI GOWRI	5	4	5	4	4	5
35	168B1A0536	PAMIDI DIVYA	4	4	4	5	5	5
36	168B1A0537	PAMURI SRAVANI	4	4	4	4	4	5
37	168B1A0538	PARITALA LAKSHMI VENGAMAMBA	5	5	5	5	5	4
38	168B1A0539	PATAPANJULA NIKHILA	5	4	4	4	5	5

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39	168B1A0540	PERURI VENKATA SUDEEPTHI	4	4	4	5	5	5
40	168B1A0541	RAYABROLU SUPRIYA SAI LAKSHMI	5	5	5	4	5	4
41	168B1A0542	SAMI MEGHANA	4	5	4	5	5	5
42	168B1A0543	SANAGAPALLI AARATHI	5	5	4	4	4	5
43	168B1A0544	SYED JUHI ARSHIYA	5	5	4	5	4	5
44	168B1A0545	TALLURI RUKMINI	5	4	4	4	5	4
45	168B1A0546	VARRA VENKATA DURGABHAVANI	5	4	4	5	4	5
46	168B1A0547	VEERAMOSU DEEKSHA	5	5	5	4	5	5
47	168B1A0548	VEERTHINENI VENKATA SIREESHA	5	4	5	4	5	5
48	168B1A0549	YEDUPATI RAJITHA	4	4	4	5	5	5
49	168B1A0550	CHALLA KOTESWARA RAO	4	4	4	4	4	5
50	168B1A0551	GUDIVADA MANI DEEPAK	5	5	4	4	5	4
51	168B1A0552	KONCHA SUHAS REDDY	4	5	4	5	4	5
52	168B1A0553	MADDIBOINA HARISH	4	5	4	4	5	5
53	168B1A0554	MUTYALA SRIRATNAKAR	4	4	5	5	4	5
54	168B1A0555	NALAMOTHU ANJANEYULU	5	4	4	5	5	5
55	168B1A0556	PONUGUPATI VENKATA NARENDRA	5	4	4	4	5	4
56	168B1A0557	RACHAPUDI THIRUPATHI VENKATESH	4	4	4	5	5	4
57	168B1A0558	VAYIGANDLA VENU SAI	4	4	4	4	5	5
58	168B1A0559	VETCHA SAI KRISHNA	5	4	5	5	5	5
59	168B1A0560	YELCHURI VENKATA SAI JASWANTH KUMAR	4	4	5	5	5	5

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60	168B1A0561	ADDANKI PRIYANKA	4	4	4	5	4	4
61	168B1A0562	BONALA CHENCHULAKSHMI	5	4	5	4	5	5
62	168B1A0563	CHEEDELLA VENKATA KUMUDHA	5	4	5	4	5	5
63	168B1A0564	CHEVUTURI CHANDANA	4	5	5	5	5	5
64	168B1A0565	DARLA SONALIYA	5	4	5	4	5	5
65	168B1A0566	DIRISALA SAI MEGHANA	4	5	5	4	5	5
66	168B1A0567	DODDALA MANASA	4	5	5	4	5	5
67	168B1A0568	GONE LILLY GRACE	4	4	5	4	5	5
68	168B1A0569	IMMIDISETTY SUSHMITHA	4	4	4	4	5	5
69	168B1A0570	KALAVAKURI SUMATHI	4	5	4	5	5	5
70	168B1A0571	KARYAM SREETULASI	5	4	4	4	5	5
71	168B1A0572	KATTA SWAPNA	4	4	4	4	5	5
72	168B1A0573	KODAMALA ANUSHA	4	5	5	4	5	5
73	168B1A0574	KOTA LAKSHMI BHAVANI	5	4	4	5	5	5
74	168B1A0575	LINGAM NAGA YAMINI	5	4	4	4	5	5
75	168B1A0576	LINGAMGUNTA DIVYA	5	5	5	4	5	5
76	168B1A0577	MVN SAI DIVYA	5	4	4	5	5	5
77	168B1A0578	NANDIPATI ASRITHA LAKSHMI	5	4	5	4	5	5
78	168B1A0579	NANNURI JAHNSIRANI	5	5	5	5	5	5
79	168B1A0580	NARAYANA MOUNIKA	5	5	4	4	5	5
80	168B1A0581	NEELAM BHARATHI	5	4	4	5	5	4

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81	168B1A0582	P S S N SUSMITHA	4	4	4	4	4	5
82	168B1A0583	PHARAY GANGA BHAVANI	4	4	4	5	5	5
83	168B1A0584	RAMPATHOTI CHENCHULAKSHMI	5	5	5	5	4	5
84	168B1A0585	RAVINUTHALA SASIMANI	4	4	5	4	5	4
85	168B1A0586	SHAIK MEHATAJ	5	5	4	5	5	5
86	168B1A0587	SINGAREDDY SWAPNA JYOTHI REDDY	5	4	5	4	5	5
87	168B1A0588	TAPPETA SANDHYA	5	4	5	5	5	5
88	168B1A0589	TEETLA NAGA JYOTHI	4	5	5	5	5	5
89	168B1A0590	TUNUGUNTLA SAI DURGA	4	5	5	5	4	4
90	168B1A0591	V DIVYA	4	4	4	4	4	5
91	168B1A0592	VAKA SAI KEERTHI	4	5	5	5	5	5
92	168B1A0593	VOLETI VENKATA SRIMOUNIKA	4	4	4	4	4	4
93	168B1A0594	ALLA GANESH CHOWDARY	4	4	5	5	5	4
94	168B1A0595	BAKKAMANTHULA ABHILASH	5	4	5	4	4	5
95	168B1A0597	CHINTHALA VISHNU	4	4	4	5	5	5
96	168B1A05A0	GOLLAPUDI SRI SAI SATEESH	4	4	5	5	4	5
97	168B1A05A1	KAMMILI GANESH	4	4	4	4	5	4
98	168B1A05A2	KANAMARLAPUDI NARENDRA	5	5	5	5	5	5
99	168B1A05A3	KANJULA MANIVARDHAN REDDY	5	4	4	4	5	5

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100	168B1A05A4	KARU PRADEEP KUMAR	4	5	4	5	5	5
101	168B1A05A6	KOPPOLA RAMANJANEYULU	4	5	4	5	5	5
102	168B1A05A7	MALADI SASIDHAR	4	4	4	5	4	4
103	168B1A05A8	MANCHIKANTI ASHOK KUMAR REDDY	4	5	5	4	4	5
104	168B1A05A9	MANDAVA HARISH	5	5	4	5	5	5
105	168B1A05B1	MUPPARAJU VENKATA RAJENDRA	4	5	4	4	5	4
106	168B1A05B2	NALLAPAREDDY VENKATA SRIKANTH REDDY	4	4	5	5	4	5
107	168B1A05B3	PUTTA NARESH	4	5	4	4	5	5
108	168B1A05B4	SAGILI THIRUPATHI REDDY	5	4	5	4	5	5
109	168B1A05B5	SHAIK AHAD	5	4	4	5	4	5
110	168B1A05B6	SOMISETTY SUDHAKAR BABU	5	5	4	5	5	4
111	168B1A05B7	TANNERU VASU	5	4	5	4	4	5
112	168B1A05B8	VEMURI VENKATA MANISH	4	5	5	4	5	5
113	168B1A05B9	VENNELAGANTI GOUTHAM	5	4	4	5	5	4
			4.47	4.51	4.51	4.51	4.72	4.75
			89.36	90.24	90.19	90.19	94.42	95.00
			91.57					

Faculty coordinator

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Department of Computer Science and Engineering

Certificate Program on "Data Analytics on Power BI"

Model Question Paper

Student Name: Roll.No:

Branch : IV CSE AY:2019 -20

1. What is Power BI? [ ]

a. A business analytics tool
b. A database management system
c. A project management software
d. A graphic design tool

2. Which of the following is a data visualization feature in Power BI? [ ]

a. Charts
b. Word processing
c. Video editing
d. Animation

3. Which programming language is used to create custom visuals in Power BI?

a. Python
b. C#
c. Java
d. R

4. Which of the following is NOT a data source that can be used in Power BI? [ ]

a. Excel spreadsheets
b. JSON files
c. Oracle databases
d. Adobe Photoshop files

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5. Which of the following is a data transformation feature in Power BI?

a. Data modeling [ ]
b. Data visualization
c. Data exploration
d. Data cleansing

6. Which of the following is a visualization option in Power BI? [ ]

a. Pivot table
b. Histogram
c. Bubble chart
d. All of the above

7. What is a dashboard in Power BI? [ ]

a. A visual representation of data that provides an at-a-glance view of key metrics
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8. What is a measure in Power BI? [ ]

a. A calculation based on data in a dataset
b. A visualization option for displaying data
c. A filter that restricts the amount of data displayed in a report
d. A connection to a data source

9. Which of the following is a way to filter data in Power BI? [ ]

a. Slicer
b. Histogram
c. Scatter plot
d. Line chart

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10. What is the purpose of Power Query in Power BI?

a. To import, transform, and combine data from various sources
b. To create custom visuals for data visualization
c. To analyze and visualize data
d. To create and manage data models

11. What is the purpose of Power Pivot in Power BI? [ ]

a. To import and transform data from various sources
b. To create and manage data models
c. To analyze and visualize data
d. To share reports and dashboards with other users

12. Which of the following is a way to create a new measure in Power BI? [ ]

a. Using DAX formula language
b. Using SQL query language
c. Using Python programming language
d. Using JavaScript programming language

13. What is the purpose of Power View in Power BI? [ ]

a. To create and share reports and dashboards
b. To import and transform data from various sources
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d. To create and manage data models

14. Which of the following is a way to share a report or dashboard in Power BI? [ ]

a. Publish to the Power BI service
b. Export to a PDF file

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c. Share via email

d. All of the above

15. What is the purpose of the Power BI service? [ ]

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b. To import and transform data from various sources

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16. Which of the following is a way to connect to a data source in Power BI? [ ]

a. Using a web browser

b. Using a command-line interface

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17. What is the purpose of the Query Editor in Power BI? [ ]

a. To create and manage data models

b. To import and transform data from various sources

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18. Which of the following is a way to filter data in Power BI? [ ]

a. Using a slicer

b. Using a chart

c. Using a table

d. All of the above

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19. Which of the following is a way to create a hierarchy in Power BI?

a. Using the Fields pane [ ]

b. Using the Filters pane

c. Using the Visualizations pane

d. Using the Pages pane

20. Which of the following is a way to create a calculated column in Power BI? [ ]

a. Using DAX formula language

b. Using SQL query language

c. Using Python programming language

d. Using JavaScript programming language

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key:

1. **Answer:** a. A business analytics tool
   Explanation: Power BI is a business analytics tool developed by Microsoft. It allows users to connect, visualize, and analyze data from various sources, including cloud services and on-premises databases.

2. **Answer:** a. Charts
   Explanation: Power BI provides a variety of charts and graphs, including bar charts, line charts, pie charts, and scatter plots, to help users visualize their data.

3. **Answer:** d.
   Explanation: R is a programming language used for statistical computing and graphics. It is one of the supported languages for creating custom visuals in Power BI.

4. **Answer:** d. Adobe Photoshop files
   Explanation: Power BI can connect to various data sources, including Excel spreadsheets, JSON files, and Oracle databases, but it cannot connect to Adobe Photoshop files.

5. **Answer:** d. Data cleansing
   Explanation: Data cleansing is a data transformation feature in Power BI that allows users to clean, transform, and reshape data to prepare it for analysis.

6. **Answer:** d. All of the above
   Explanation: Power BI offers various visualization options, including pivot tables, histograms, and bubble charts, to help users analyze and interpret their data.

7. **Answer:** a. A visual representation of data that provides an at-a-glance view of key metrics
   Explanation: A dashboard in Power BI is a visual representation of data that provides an at-a-glance view of key metrics and performance indicators for a business or organization.

8. **Answer:** a. A calculation based on data in a dataset
   Explanation: A measure in Power BI is a calculation based on data in a dataset. Measures can be used to perform calculations such as sums, averages, and percentages.

9. **Answer:** a. Slicer
   Explanation: A slicer is a way to filter data in Power BI. Slicers allow users to interactively filter data by selecting one or more values from a list.

10. **Answer:** a. To import, transform, and combine data from various sources
    Explanation: Power Query is a data transformation and cleaning tool in Power BI that allows users to import, transform, and combine data from various sources.

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11. **Answer:** b. To create and manage data models
Explanation: Power Pivot is a data modeling tool in Power BI that allows users to create and manage data models. It allows users to define relationships between tables and create calculated columns and measures.

12. **Answer:** a. Using DAX formula language
Explanation: DAX (Data Analysis Expressions) is a formula language used to create measures and calculated columns in Power BI.

13. **Answer:** c. To analyze and visualize data
Explanation: Power View is a data visualization tool in Power BI that allows users to create interactive, visual reports and dashboards to analyze and visualize data.

14. **Answer:** a. Publish to the Power BI service
Explanation: The recommended way to share a report or dashboard in Power BI is to publish it to the Power BI service. This allows other users to view and interact with the report or dashboard in a web browser.

15. **Answer:** d. To share reports and dashboards with other users
Explanation: The Power BI service is a cloud-based platform that allows users to share reports and dashboards with other users. It also provides additional features such as collaboration, data exploration, and administration.

16. **Answer:** a. Using a web browser
Explanation: The most common way to connect to a data source in Power BI is to use a web browser. Power BI also provides other methods such as command-line interfaces and APIs for connecting to data sources.

17. **Answer:** b. To import and transform data from various sources
Explanation: The Query Editor in Power BI is a data transformation and cleaning tool that allows users to import, transform, and combine data from various sources.

18. **Answer:** a. Using a slicer
Explanation: Slicers are visual controls in Power BI that allow users to filter data in a report or dashboard. They can be used with charts, tables, and other visualizations.

19. **Answer:** a. Using the Fields pane
Explanation: The Fields pane in Power BI allows users to create hierarchies by dragging and dropping fields onto each other. Hierarchies can be used to drill down into data and explore relationships between data points.

20. **Answer:** a. Using DAX formula language
Explanation: DAX (Data Analysis Expressions) is a formula language used to create calculated columns and measures in Power BI. Calculated columns can be used to add new columns to a table based on a DAX expression

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NH-16, Valluru-523272, Ongole, Prakasam (Dist), AndhraPradesh, India
Department of Computer Science and Engineering

Certificate Program on "Data Analytics on Power BI"

Model Question Paper

Student Name: Ch.Swapna Roll.No: 168B1A0506

Branch : IV CSE AY:2019 -20

19/20

1. What is Power BI? [b] X

a. A business analytics tool
b. A database management system
c. A project management software
d. A graphic design tool

2. Which of the following is a data visualization feature in Power BI? [a] ✓

a. Charts
b. Word processing
c. Video editing
d. Animation

3. Which programming language is used to create custom visuals in Power BI? [d] ✓

a. Python
b. C#
c. Java
d. R

4. Which of the following is NOT a data source that can be used in Power BI? [d] ✓

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5. Which of the following is a data transformation feature in Power BI? [d]

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6. Which of the following is a visualization option in Power BI? [d]

a. Pivot table
b. Histogram
c. Bubble chart
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7. What is a dashboard in Power BI? [a]

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10. What is the purpose of Power Query in Power BI? [a] ✓

a. To import, transform, and combine data from various sources
b. To create custom visuals for data visualization
c. To analyze and visualize data
d. To create and manage data models

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c. Share via email

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NH-16, Valluru-523272, Ongole, Prakasam (Dist), AndhraPradesh, India

Department of Computer Science and Engineering

Certificate Program on "Data Analytics on **Power BI**"
Model Question Paper

18/20

Student Name: T. Sandhya Roll.No: 168B1A0588

Branch : IV CSE AY:2019 -20

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c. Java
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5. Which of the following is a data transformation feature in Power BI?

[d] ✓

a. Data modeling
b. Data visualization
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d. Data cleansing

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b. Histogram
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RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS

(Approved by AICTE-NEW DELHI, Affiliated to JNTUK KAKINADA)
NH-16, Valluru -523272, Ongole, Prakasam District, A.P, India

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

BRANCH:CSE-I
YEAR : IV-I

Academic year:2019-20

CERTIFICATE PROGRAM ON "DATAANALYTICS ON POWERBI "

STUDENT ASSESSMENT SHEET

S.NO	ROLL NUMBERS	NAME OF THE STUDENT	MARKS
1	168B1A0501	ALLAM MANEESHA	19
2	168B1A0503	BANDI REVATHI	18
3	168B1A0504	BIYYAPU SRAVYA	17
4	168B1A0505	BOGGARAPU SWETHA	20
5	168B1A0506	CHALLA SWAPNA	17
6	168B1A0507	CHALUVADI RESHMA SAI	19
7	168B1A0508	CHALUVADI VENKATA RAMYA	19
8	168B1A0509	DESU KIRANMAYEE	18
9	168B1A0510	DIVI MOUNIKA	18
10	168B1A0511	DIVYA SREE KOLLI	20
11	168B1A0512	GADELA LAKSHMI PRASANNA	17
12	168B1A0513	GADIPARTHI JYOTHSNA	18
13	168B1A0514	GANAPANENI NARAYANA HARSHITHA	18
14	168B1A0515	GHORAKAVI VENKATA SAI SREELEKHA	19
15	168B1A0516	GOGINENI VENKATA ANUSHA	17
16	168B1A0517	GORIGE VENKATA NAVYA SRI	17
17	168B1A0518	KAMMA RAJA RAJESWARI	19
18	168B1A0519	KARETI VASAVI	19
19	168B1A0520	KODE VANA PRIYA	17
20	168B1A0521	KODURI AMRUTHA	18
21	168B1A0522	KOPPOLU SADHIKA	19
22	168B1A0523	KOTA VENKATA DHANA LAKSHMI	17
23	168B1A0524	KOTHA POOJITHA	18
24	168B1A0525	MADDI VENKATA PRASANNA SUPRIYA	19
25	168B1A0526	MADDIREDDY SRAVANI	17
26	168B1A0527	MANDADI SRAVANI	20
27	168B1A028	MANDALAPU. SARANYA	18

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S.NO	ROLL NUMBERS	NAME OF THE STUDENT	MARKS
28	168B1A0529	MANNAM SAMATHA KUMARI	19
29	168B1A0530	MURAKA APARNA	19
30	168B1A0531	NARISETTY PADMAVATHI	18
31	168B1A0532	NARNE MAMATHA	20
32	168B1A0533	NEELAKANTAM ANKUSHA	19
33	168B1A0534	NUVVALA NAGABHARGAVI	20
34	168B1A0535	PAIDIPATI SREELAKSHMI GOWRI	19
35	168B1A0536	PAMIDI DIVYA	17
36	168B1A0537	PAMURI SRAVANI	18
37	168B1A0538	PARITALA LAKSHMI VENGAMAMBA	20
38	168B1A0539	PATAPANJULA NIKHILA	17
39	168B1A0540	PERURI VENKATA SUDEEPTHI	19
40	168B1A0541	RAYABROLU SUPRIYA SAI LAKSHMI	17
41	168B1A0542	SAMI MEGHANA	19
42	168B1A0543	SANAGAPALLI AARATHI	19
43	168B1A0544	SYED JUHI ARSHIYA	17
44	168B1A0545	TALLURI RUKMINI	20
45	168B1A0546	VARRA VENKATA DURGABHAVANI	19
46	168B1A0547	VEERAMOSU DEEKSHA	18
47	168B1A0548	VEERTHINENI VENKATA SIREESHA	19
48	168B1A0549	YEDUPATI RAJITHA	20
49	168B1A0550	CHALLA KOTESWARA RAO	20
50	168B1A0551	GUDIVADA MANI DEEPAK	19
51	168B1A0552	KONCHA SUHAS REDDY	17
52	168B1A0553	MADDIBOINA HARISH	17
53	168B1A0554	MUTYALA SRIRATNAKAR	17
54	168B1A0555	NALAMOTHU ANJANEYULU	20
55	168B1A0556	PONUGUPATI VENKATA NARENDRA	17
56	168B1A0557	RACHAPUDI THIRUPATHI VENKATESH	18
57	168B1A0558	VAYIGANDLA VENU SAI	18
58	168B1A0559	VETCHA SAI KRISHNA	20
59	168B1A0560	YELCHURI VENKATA SAI JASWANTH KUMAR	19

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NH-16, Valluru -523272, Ongole, Prakasam District, A.P, India

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

BRANCH:CSE-II
YEAR : IV-I

Academic year:2019-20

CERTIFICATE PROGRAM ON "DATAANALYTICS ON POWERBI "

STUDENT ASSESSMENT SHEET

S.NO	ROLL NUMBERS	NAME OF THE STUDENT	MARKS
1	168B1A0561	ADDANKI PRIYANKA	17
2	168B1A0562	BONALA CHENCHULAKSHMI	18
3	168B1A0563	CHEEDELLA VENKATA KUMUDHA	19
4	168B1A0564	CHEVUTURI CHANDANA	20
5	168B1A0565	DARLA SONALIYA	17
6	168B1A0566	DIRISALA SAI MEGHANA	17
7	168B1A0567	DODDALA MANASA	18
8	168B1A0568	GONE LILLY GRACE	19
9	168B1A0569	IMMIDISETTY SUSHMITHA	20
10	168B1A0570	KALAVAKURI SUMATHI	18
11	168B1A0571	KARYAM SREETULASI	18
12	168B1A0572	KATTA SWAPNA	16
13	168B1A0573	KODAMALA ANUSHA	17
14	168B1A0574	KOTA LAKSHMI BHAVANI	17
15	168B1A0575	LINGAM NAGA YAMINI	18
16	168B1A0576	LINGAMGUNTA DIVYA	17
17	168B1A0577	MVN SAI DIVYA	17
18	168B1A0578	NANDIPATI ASRITHA LAKSHMI	18
19	168B1A0579	NANNURI JAHNSIRANI	19
20	168B1A0580	NARAYANA MOUNIKA	19
21	168B1A0581	NEELAM BHARATHI	20
22	168B1A0582	P S S N SUSMITHA	17
23	168B1A0583	PHARAY GANGA BHAVANI	17
24	168B1A0584	RAMPATHOTI CHENCHULAKSHMI	18
25	168B1A0585	RAVINUTHALA SASIMANI	19
26	168B1A0586	SHAIK MEHATAJ	18
27	168B1A0587	SINGAREDDY SWAPNA JYOTHI REDDY	17
28	168B1A0588	TAPPETA SANDHYA	18
29	168B1A0589	TEETLA NAGA JYOTHI	17
30	168B1A0590	TUNUGUNTLA SAI DURGA	17
31	168B1A0591	V DIVYA	18
32	168B1A0592	VAKA SAI KEERTHI	18
33	168B1A0593	VOLETI VENKATA SRIMOUNIKA	19
34	168B1A0594	ALLA GANESH CHOWDARY	19
35	168B1A0595	BAKKAMANTHULA ABHILASH	18
36	168B1A0597	CHINTHALA VISHNU	18

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S.NO	ROLL NUMBERS	NAME OF THE STUDENT	MARKS
38	168B1A05A1	KAMMILI GANESH	16
39	168B1A05A2	KANAMARLAPUDI NARENDRA	19
40	168B1A05A3	KANJULA MANIVARDHAN REDDY	19
41	168B1A05A4	KARU PRADEEP KUMAR	18
42	168B1A05A6	KOPPOLA RAMANJANEYULU	18
43	168B1A05A7	MALADI SASIDHAR	19
44	168B1A05A8	MANCHIKANTI ASHOK KUMAR REDDY	18
45	168B1A05A9	MANDAVA HARISH	19
46	168B1A05B1	MUPPARAJU VENKATA RAJENDRA	19
47	168B1A05B2	NALLAPAREDDY VENKATA SRIKANTH REDDY	17
48	168B1A05B3	PUTTA NARESH	18
49	168B1A05B4	SAGILI THIRUPATHI REDDY	17
50	168B1A05B5	SHAIK AHAD	18
51	168B1A05B6	SOMISETTY SUDHAKAR BABU	18
52	168B1A05B7	TANNERU VASU	19
53	168B1A05B8	VEMURI VENKATA MANISH	17
54	168B1A05B9	VENNELAGANTI GOUTHAM	18
55	168B1A05B8	VEMURI VENKATA MANISH	19
56	168B1A05B9	VENNELAGANTI GOUTHAM	20

Faculty Coordinator

HOD
HEAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of
Institutions, VALLUR, A.P.-523 272

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RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS: ONGOLE
DEPARTMENT OF CSE

[Certificate program on Power BI

07-10-2019 to 11-10-2019]

The Certificate Program conducted by CSE department on 07th - 11th October 2019 in RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS

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Objectives of conducting Certificate program

Objectives:

Organizations exist to achieve business objectives and in today's data driven world, we know that progress is measured through data. However, this is often challenging as goal tracking systems are disconnected from your business data and often require manual updates. Not only that, but goals need to be optimized for teamwork, tightly integrated into core business processes, and easily extended.

We are very excited to announce the **public preview of Goals in Power BI Premium.** Goals is a data-driven, collaborative, and adaptable way to measure key business metrics and goals built directly on top of Power BI. Goals enables teams to easily curate business metrics that matter most and aggregate them in a unified view. From there, teams can measure progress against their goals, proactively share updates with their teammates, and dive deeper into their data when something needs further analysis. Users can easily monitor the health of their business, bringing in data across multiple Power BI workspaces and create gorgeous scorecards to drive impact.

Main topics involved in PowerBI

1. Automate KPIs
2. Visualize Sales vs Marketing Leads
3. Real-Time View of Financial Performance
4. What is Power BI?
5. Power BI Dashboard
6. Access to Volumes of Data from Multiple Sources
7. Interactive UI/UX Features

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8. Exceptional Excel Integration

9. Accelerate Big Data Preparation with Azure

10. Turn Insights into Action

11. *Title Slide*:
    a. Title: "Power BI in Data Analytics"
    b. Subtitle: "Transforming Data into Insights"
    c. Your Name and Date

12. *Introduction to Power BI*:
    a. Definition and Purpose of Power BI
    b. Key Features and Benefits
13. *Data Import*:
    a. Sources: Database, Excel, Web, etc.
    b. Live vs. Imported Data
14. *Data Transformation*:
    a. Cleaning and Shaping Data

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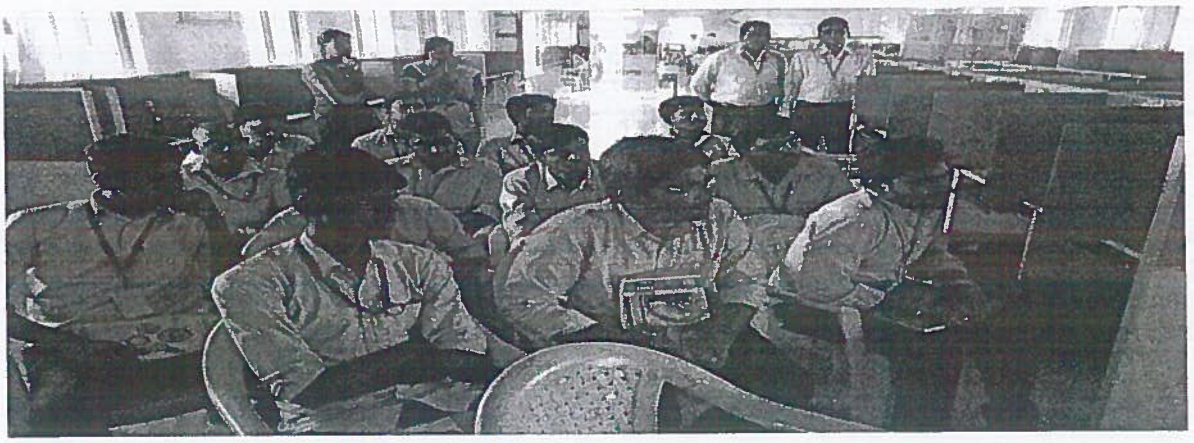
b. Removing Duplicates, Handling Errors

15. *Data Modeling*:
    a. Relationships in Power BI
    b. Creating Data Models
16. *Data Visualization*:
    a. Types of Visualizations (Bar, Pie, Scatter, etc.)
    b. Customization Options
17. *Dashboard Creation*:
    a. Components of a Dashboard
    b. Design Tips for Effective Dashboards
18. *Report Generation*:
    a. Building Reports in Power BI
    b. Report Publishing and Distribution



19. *Data Analysis with Power BI*:
    a. Using Filters, Slicers, and Drill-downs
    b. Advanced Analytics Features
20. *Power Query*:
    a. Power Query Interface
    b. Data Cleaning and Transformation Examples
21. *DAX (Data Analysis Expressions)*:
    a. Introduction to DAX Functions
    b. Measures and Calculated Columns

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22. *Data Refresh and Update*:
    a. Schedule Refresh Options
    b. Maintaining Data Accuracy
23. *Sharing and Collaboration*:
    a. Sharing Reports and Dashboards
    b. Collaborating with Teams
24. *Mobile Integration*:
    a. Power BI Mobile App Features
    b. Responsive Design for Mobile Devices
25. *Security in Power BI*:
    a. Role-based Security
    b. Data Encryption and Compliance
26. *Case Studies*:
    a. Real-world Examples of Power BI Usage
    b. Success Stories and Impact
27. *Best Practices*:
    a. Tips for Efficient Power BI Usage
    b. Optimization Techniques
28. *Challenges and Solutions*:
    a. Common Challenges in Power BI
    b. Strategies to Overcome Them
29. *Future Trends*:
    a. Upcoming Features in Power BI
    b. Predictions for Data Analytics Trends
30. *Conclusion*:
    a. Recap of Power BI's Importance
    b. Call to Action or Next Steps

Coordinator

PRINCIPAL
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NH-16, Valluru-523272, Ongole, Prakasam (Dist), Andhra Pradesh, India

Department of Computer Science and Engineering

Date: 11-10-2019.

CLOSING REPORT

To

The Principal,

Rise Krishna Sai Gandhi Group of instutions,

Valluru/

As per the approved schedule Rise Krishna Sai Gandhi group of Institutions conducted a **Certificate Program on" DATA ANALYTICS ON POWER BI"** at CSE Seminar Hall From 7-10-2019 to 11-10-2019 from 09.00 am to 5.00 pm per day. The students of IV CSE total 113 are participated in this programme. This Certificate Program head attended R.Anil kumar ., Pan India freelance trainer for technical skills trainer ,Hyderabad.

Main issues addressed:

1. Automate KPIs
2. Visualize Sales vs Marketing Leads
3. Real-Time View of Financial Performance
4. What is Power BI?
5. Power BI Dashboard
6. Access to Volumes of Data from Multiple Sources
7. Interactive UI/UX Features
8. Exceptional Excel Integration
9. Accelerate Big Data Preparation with Azure
10. Turn Insights into Action
11. "Power BI in Data Analytics"

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12. Introduction to Power BI
13. Data Import
14. Data Modeling:
15. Data Modeling Data Visualization
16. Dashboard CreationReport Generation
17. Data Analysis with Power BI
18. . Power Query
19. DAX (Data Analysis Expressions
20. Data Refresh and Update
21. Sharing and Collaboration
22. Mobile Integration Security in Power BI
23. Case Studies
24. Best Practices Challenges and Solutions
25. Conclusion

We are expecting your support in future also, for that we will be thankful to you.

Thanking you sir,

Yours faithfully,

Faculty Coordniator

HOD
HEAD OF THE DEPARTMENT
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RISE Krishna Sai Gandhi Group of
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