



RAMCO
INSTITUTE OF TECHNOLOGY



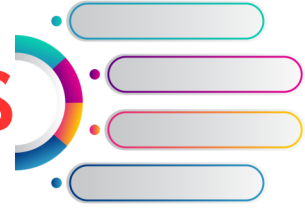
**MAGAZINE BY DEPARTMENT OF
CSBS**

VOLUME - 2 ISSUE 1





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Department of
**COMPUTER SCIENCE &
BUSINESS SYSTEMS**

VISION & MISSION



VISION

- To build competent industry ready professionals to largely contribute the society, by imparting the knowledge in the domain of Computer Science and Business Systems.

MISSION

- Furnish/Facilitate the department with world-class computing infrastructure and modern teaching methodologies to produce highly proficient and globally competent Computer Science and Business System professionals
- Motivate the students and faculties in research, innovation and foster them in critical thinking with the moral values in the recent technologies of Computer Science and Business Systems
- Equip the students with latest technologies to become an ethically sound Computer Science and Business Systems Professionals and entrepreneurs.

PROGRAMME SPECIFIC OUTCOME

- Apply the various cutting edge technologies including Artificial Intelligence, Machine Learning/ Deep Learning, Cloud Computing, Cyber Security and IOT to solve the contemporary problems with knowledge of management principles.

- Exhibit the proficiency in Computation Statistics, Software development model and business skills through the various professional societies, continuous learning to provide the solution to real–world business problems.
- Apply appreciable knowledge of management skills cultured through Industry Interactions and Real-time project to practice as an ethical software engineer/ researcher in the domain of Computer Science and Business Systems.

PROGRAMME EDUCATIONAL OUTCOME

- Graduate will have successful career in ITes, Business development, Business Analytics and Intelligence as Technical/Managerial responsibilities.
- Graduate will have the ability to pursue higher studies and research or become an entrepreneur in the contemporary areas of Computer Science and Business Systems.
- Graduate will exhibit socially committed productive leadership with high ethical and professionals making sound engineering and managerial decision.

DEPARTMENT

OF CSBS

RIT TECHNEBIZ



RIT-TECHNEBIZ

"TECHNE" is a Greek word meaning "**skill, craft, or art.**" It is often used to refer to the expertise involved in making something with technical or artistic skill. It is also used to refer to the science of technology and its applications. The Word "BIZ" means **business**

"Data leads the way,
The future is today.
Data-driven decisions,
A new way of vision.

Innovation on the rise,
Technology for all size.
Automation and analytics,
For the modern business.

Cloud computing and 5G,
The speed of progress will astound thee.
Developers, designers, and engineers,
Partners for success, our future peers."



Articles



BUSINESS ANALYTICS



WHAT IS BUSINESS ANALYTICS?

As Big Data continues to grow, so does the demand for business analytics professionals. A deluge of abstract information exists, spurred over two decades ago by the internet and accelerating at a significantly faster pace over the past few years. The long-used database management and analysis techniques no longer suffice, particularly where unstructured data like product reviews and social media posts is concerned. Data analysis careers—business analytics, in addition to business intelligence and data science roles—address the new methods for organizing, gaining insights from, and making predictions with this steadily increasing amount of information and frequently incorporate computer science and other technical knowledge.

Whether you've spent the past few decades in an analytical role or you're exploring the myriad of computer science applications, you might be wondering, "What is business analytics?" Here's a primer on this burgeoning field and the skills needed to start a career.

The Definition of Business Analytics

Business analytics is the process of transforming data into insights to improve business decisions. Data management, data visualization, predictive modeling, data mining, forecasting simulation, and optimization are some of the tools used to create insights from data. Yet, while business analytics leans heavily on statistical, quantitative, and operational analysis, developing data visualizations to present your findings and shape business decisions is the end result. For this reason, balancing your technical background with strong communication skills is imperative to do well in this field.



Thus, organization-wide optimization may encompass:

- *shaping and evaluating future company decisions based on the performance of past initiatives or market trends;*
- *examining individual departments' performance within an organization and influencing their growth efforts;*
- *monitoring employees' performance and productivity;*
- *determining current and future staffing needs and the market skills needed to perform these roles effectively;*
- *assessing and predicting how well potential investments will perform;*
- *identifying demand for a particular product or service based on market trends and consumer behavior;*
- *scheduling release dates for new products and media;*
- *evaluating product sales by location, and using that information to meet future customer demands;*
- *creating optimal logistics routes for shipping and delivering merchandise;*
- *making product recommendations based on customers' past search habits;*
- *gathering data from vehicles and equipment to improve future performance; and*
- *identifying potential growth opportunities for a business, and how these scenarios could play out.*

Beyond these more broad concepts, here are how some of these scenarios may unfold:

- *Amazon.com turns sales data into insights by analyzing millions of purchases to find customers like you and predict products you might buy.*
 - *General Electric can predict in advance from its sensor data when engine maintenance is needed.*
-

Demand for Business Analytics Professionals :



Information technology is now pervasive in society. For example, cell phones, sensors, retail scanners, and the internet generate massive amounts of data that are of potential value to businesses. We truly live in the age of data, and the amount collected will only continue to grow. The information available is only valuable if it can be converted into insights. However, there is a shortage of well-trained business analytics professionals.

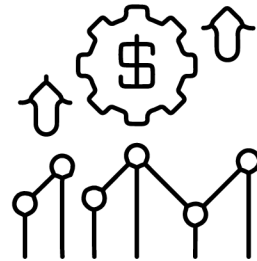
According to McKinsey Global Institute's "Big data: The next frontier for innovation, competition, and productivity" report, "[B]y 2018, the United States alone could face a shortage of 140,000 to 190,000 people with deep analytical skills, as well as 1.5 million managers and analysts with the know-how to use the analysis of Big Data to make effective decisions."

Across all industries, opportunities for business analysts have exploded, as major organizations have adopted data-driven and technology-focused approaches. Demand, based on estimates from the Bureau of Labor Statistics, will only increase between 2018 and 2028:

- *Management Analysts, who seek to make organizations more efficient, will see 14% growth.*
 - *Operations Research Analysts, called upon to solve challenging organizational issues with data, will see 26% more positions available.*
 - *Market Research Analysts, who examine market conditions to forecast demand for products and services, will see 20% more growth.*
 - *Financial Analysts, who provide guidance regarding investments and other financial decisions, are expected to see 6% more openings.*
-

Beyond these roles, other examples of business analytics careers at today's leading employers include:

- *Management Analyst/Consultant*
- *Data Analyst/Scientist*
- *Business Intelligence Analyst*
- *Program and Marketing Managers*
- *Big Data Analytics Specialist*
- *Research Analyst*
- *Manager of Services or Manufacturing Operations*
- *Business Intelligence and Performance Management Consultants*
- *Pricing and Revenue Optimization Analyst*



Because all types of organizations are now harnessing the power of Big Data, several industries need business analytics professionals, including healthcare, marketing, logistics, ecommerce, finance, food service and restaurants, entertainment, professional sports, and even casinos.

Currently, 85 percent of the positions in business analytics require an advanced degree, with 75 percent specifying an MS degree as an educational requirement. To prepare for these careers, Wake Forest Master of Science in Business Analytics (MSBA) graduates develop the deep quantitative capabilities and technical expertise needed to translate technical data into actionable insights, creating business value and delivering impact in a variety of career settings.

A handwritten signature 'BY' in black ink, positioned to the left of a simple line drawing of a pen.

Vignesh R
III year, CSBS



POSTER DESIGNS



FESTIVAL POSTER





RAMCO INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001: 2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

**Department of
Computer Science and Business Systems**

"On this Thaipusam, may new beginnings
unfold in your life!"

Counselling Code
4678

**HAPPY
THAIPUSAM**

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Department of
Computer Science and Business Systems

**HAPPY
REPUBLIC DAY**

Counselling Code
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"A nation's culture resides in the hearts and in the
soul of its people."

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Department of
**COMPUTER SCIENCE &
BUSINESS SYSTEMS**

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**ADMISSIONS
OPEN
2024-25**

www.ritrjpm.ac.in

**NATIONAL
SCIENCE
DAY**

rit_csbs rit_csbs rit_csbs

CONTACT US
9965672393 ,9843738684

Designed by :
Vignesh R
III year CSBS



Photography





Kishor -&- **SANJAY**
III year ,CSBS





Aravinthkumar k - & - SankaraPandian



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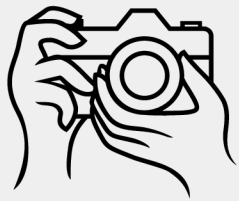




By

Rithanya

11 year
,CSBS



By

Kaviya

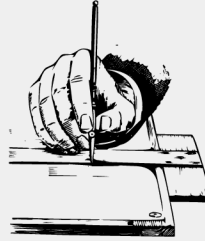
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Drawings & Paintings

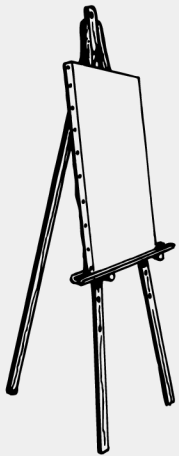




by...

Amritha manikandan

11 year ,CSBS

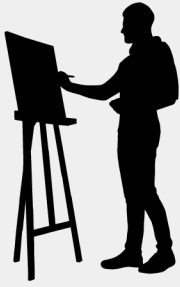


by...

suryalakshmi

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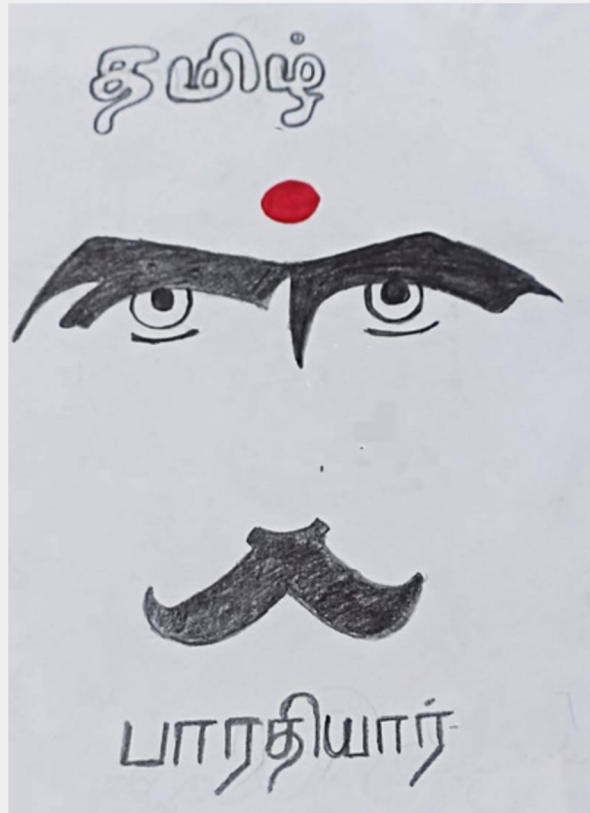




By...

Rithanya

11 year, CSBS



Students Achievements



Sanjay.S, III CSBS, has been promoted to the RANK OF SENIOR UNDER OFFICER in NCC.



Aravinth Kumar.K , III Year CSBS (Bronze medal) in senior category District level taekwondo competition



MANOJKUMAR M, II CSBS has participated and won cash prize of Rs.5000 in the event of Robothon2k24 at Jyothy institute of technology, Bangalore held on 5th and 6th July ,2024



B.Arumugam and T.Kishore III CSBS, has participated and Won Second Prize of Rs.5000/- in the event of Solution Challenge organized by Kalasalingam Academy of Research and Education, as part of Euphoria24 on 26-27 March 2024.



R.Sakthivel II CSBS (Score : 840) successfully completed AWS Certified Cloud Practitioner by AWS on 04.06.2024



**AWS Certified Cloud Practitioner
Notice of Exam Results**

Candidate: SAKTHI VEL R	Exam Date: 5/10/2024
Candidate ID: AWS04290000	Registration Number: 477953722
Candidate Score: 840	Pass/Fail: PASS

Congratulations! You have successfully completed the AWS Certified Cloud Practitioner and you are now AWS Certified.

The AWS Certified Cloud Practitioner (CLF-C02) has a scaled score between 100 and 1,000. The scaled score needed to pass the exam is 700.

As a reminder, you are bound by the [Candidate Code of Conduct](#) you accepted when taking your exam, and you are expected to keep the contents of the examination secure. If you have any questions or require assistance, please [contact us](#).

Congratulations again on your achievement and the ability to claim the associated benefits, such as digital badges and discount vouchers for future exams. To take advantage of the benefits associated with your AWS Certified Cloud Practitioner certification, explore the "Benefits" section of your [AWS Certification Account](#).

Thank you,

AWS Training and Certification

Mr.Manojkumar, Mr,Ashin sree and Mr.Jeshan Dev who were won first prize of Cash prize Rs.7000 in Gamister Event in Kalasalingam University on 27.03.2024.





Stories & Poem corner



தோல்விகளால்
அடிபட்டால்
உடனே எழுந்து
விடு
இல்லையேன்றால்
இந்த உலகம்
உன்னை
புதைத்துவிடும்

By...
Kamatchi V
III CSBS



By...
Kousalyalakshmi M
III CSBS



முயற்சியை
விதைத்துக்
கொண்டே
இருங்கள்
முளைத்தால்
விருட்சமாகட்டும்
இல்லையேல்
உரமாகட்டும்

By...

Jana Jophin J

III CSBS

யாருக்கும் எட்டாத
உயரத்தில்
சிம்மாசனத்தில்
அமர்ந்து நம்
வாழ்க்கையைப்
பார்த்து ரசிக்கிறது
நிலா!



Our Sincere Thanks to....

Dr.M.Gomathy Nayagam (HOD/CSBS)

Ms.M.Preethi Ram(AP/CSBS)

AGENTS

AGENT: VIGNESH R

ROLE: EDITOR & DESIGNER

BATCH: III YEAR CSBS

AGENT: KOUSALYALAKSHMI M

ROLE: EDITOR

BATCH: III YEAR CSBS

AGENT: KAVIYA N

ROLE: EDITOR

BATCH: II YEAR CSBS