



IDM TECHPARK
GUIDE'S FOR PERFECT CAREER PATHWAY



Business Analyst Course Syllabus



N.S.D.C
National
Skill Development
Corporation



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About Us

IDMTECHPARK global retail & corporate training solutions provider in Coimbatore, Erode, Trichy & Salem that offers a comprehensive range of training and placement services for both fresher's and professionals seeking new opportunities. The company commenced its IT training business in 2016. A pioneer in IT education, over the years, we have trained over 50k students. Idmtechpark has a wide range of courses, maintains education standards & provides placement assistance.

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About IDMTECHpark Education Quality

IDMTECHPARK is managed and developed by industry specialists with more than 8 years of expertise in the field. IDMTECHPARK offers a staff of highly skilled professional trainers who deliver effective IT training in a friendly setting, concentrating on the needs of each individual to help them succeed in a demanding work world. In the book of career and success, our staff never leaves a page unturned.

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IDMTECHPARK's versatile instructor-led training class rooms and lower-class sizes enable people to engage more easily and absorb knowledge, resulting in remarkable results for both themselves and the organizations for which they work. Our training programmes are adaptable and customizable to ensure that each participant gets the most out of their time with us. IDMTECHPARK focuses in providing hands-on IT training in over 30 different courses.

- We teach in-demand courses
- We provide impactful learning material
- Our teachers are well-selected & trained
- We follow world-class teaching methods
- Our courses include E-Projects
- We conduct technical workshops
- Exams are held and based on Exams providing Certification
- Certificates are recognized the world over
- Our course timings are flexible



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Our Recent Placement

Idmtechpark assists students in getting job placements on successful completion of their courses. Idmtechpark also provides recruitment assistance to organizations. Idmtechpark students are shortlisted based on the organization's requirement. To make students job-ready, Idmtechpark conducts workshops e.g. How to do Group Discussions, how to behave in a Personal Interview. From time to time, job fairs & campus recruitments are conducted. Workplace skills such as time management, making effective presentations and communication skills are also provided. All this helps students find appropriate jobs in the IT industry while also helping save companies recruitment costs.

Krishnaveni M

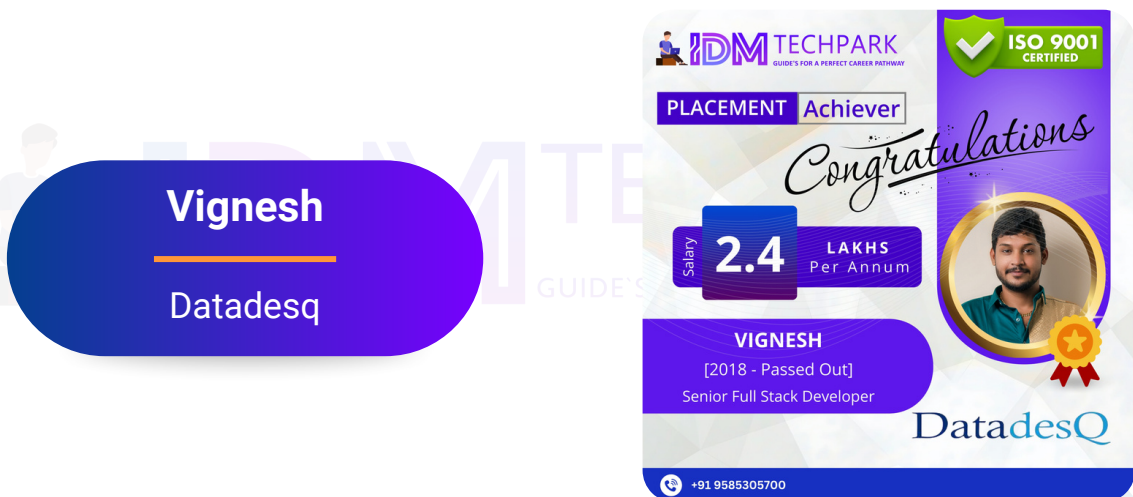
Frutterlabs





Joshwa

Xccessor



Vignesh

Datadesq



Madhumitha

Accenture

Keerthana

AJS



Brindha Boopathi

AJS



Kavın Kumar

AJS

Ajithkumar

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Gowthami

Genpact



Surya

ZUCI

Pavithra

Vel Info Tech



Poovitha

Gray Matter



Ramesh

TDT

Siva Sankar
 ST Cloudspark tech



Nabeel Hisham
 VTail



Kalayarasan
 Violet Infotech

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Our Alumni Working At



MODULE 1

Business Requirement Document (BRD) Creation

- Real case study: Banking or e-commerce
- BRD template & walkthrough
- Stakeholder requirements documentation

MODULE 2

Functional Requirement Specification (FRS)

- FRS structure and purpose
- Mapping BRD to FRS
- System behavior documentation

MODULE 3

Use Case Documentation

- Actors, Preconditions, Postconditions
- Basic vs Alternate Flows
- Use case diagramming (UML)

MODULE 4

User Stories & Acceptance Criteria

- Writing INVEST-compliant stories
- Creating clear, testable acceptance criteria
- Agile project examples (JIRA)

MODULE 5

Mock Interviews & Resume Building

- Resume writing (BA format)
- Common interview questions & case-based answers
- STAR method for behavioral interviews

MODULE 6

Gap Analysis Document

- AS-IS vs TO-BE process modeling
- Creating a gap analysis matrix
- Sample industry transformation example

MODULE 7

SWOT Analysis Report

- Real-world SWOT example (e.g., startup vs enterprise)
- Business strategy connection
- Template + practice

MODULE 8

Stakeholder Analysis Matrix

- RACI & stakeholder communication plans
- Stakeholder power-interest grids
- Case study simulation

MODULE 9

Process Modeling (BPMN)

- Creating business process flows using BPMN
- AS-IS and TO-BE workflows
- Tools: Lucidchart / Visio / Draw.io

MODULE 10

Wireframe & Prototype Design

- Low-fi mockups using Balsamiq or Figma
- UI/UX documentation
- Project: Hotel Booking App or E-commerce checkout

MODULE 11

Data Flow Diagram (DFD)

- Levels 0, 1, 2 DFDs
- Case study: Order management system
- Tool: Draw.io or Lucidchart

MODULE 12

Entity Relationship Diagram (ERD)

- Data modeling for relational databases
- Example: Student management or HRMS system
- Normalization basics

MODULE 13

JIRA User Story Mapping

- Creating epics, user stories, subtasks
- Sprint planning simulation
- Sample agile backlog

MODULE 14

Root Cause Analysis (RCA) Report

- Fishbone (Ishikawa) Diagram
- 5 Whys technique
- Use case: Defect in loan processing system

MODULE 15

Competitor Analysis Document

- Industry research techniques
- SWOT vs competitor mapping
- Case: Ride-sharing apps or FinTech

MODULE 16

Business Case Document

- Cost-benefit analysis
- ROI calculation
- Executive summary writing

MODULE 17

Agile Backlog Grooming

- Prioritization techniques (MoSCoW, Kano)
- Hands-on product owner collaboration
- JIRA or Trello example

MODULE 18

Requirements Traceability Matrix (RTM)

- RTM template & explanation
- Forward and backward tracing
- Case: Healthcare or Insurance claim system

MODULE 19

Data Analysis Using Excel

- Pivot Tables, Charts, Filters
- Business decisions from Excel insights
- Sample: Sales analysis or Survey dashboard

MODULE 20

SQL for Business Analysts

- SELECT, JOIN, GROUP BY, WHERE
- Writing queries for report generation
- Project: HR or Inventory dataset

MODULE 21

BI Tools - Power BI / Tableau Basics

- Dashboard design
- Connecting to data sources
- Case: Marketing campaign or Customer retention analysis

MODULE 22

Agile Project Simulation

- Full BA cycle within Agile
- Product backlog, sprint, demo, and retrospective
- Use JIRA or Agile Boards

MODULE 23

UAT (User Acceptance Testing) Plan

- Test case writing
- Entry/Exit criteria
- Traceability from requirements

MODULE 24

Change Request Management

- Change Control Board (CCB) example
- Documenting a CR
- Impact analysis

MODULE 25

Final Capstone Project

- Choose a domain (banking, e-comm, healthcare)
- Perform full BA cycle
- Submit: BRD, FRS, Use Cases, Stories, Wireframes, RTM, etc.

Thank You

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