

“In today's world, everything works with Collaborations & partnerships.”



We live in an extremely competitive era today. The Potential for growth in numerous industries is unbelievable. Corporations across the globe are constantly on the look out for young professionals who have an edge over the rest. We are witnessing an era of hyper-competition and the only way to survive and grow is to discover new talent.

At RGET, we work with a passion and believe in delivering the very best. Over the last two decades we have earned an enviable reputation for quality and integrity, embracing the most contemporary technologies leading to world-class education programs, methodologies and international qualifications.

Our training methods are a combination of modern technologies and experienced faculty who are dedicated in educating students and unleashing their true potential. thus preparing them for the booming world of I.T.

We welcome you to be part of RGET. I am confident that together we will unleash your potential while exploring the I.T. Professional in you.

Thank you,

Radhika Mahalingam
**Chairman
RGET**

why choose RGET ?

Structured Learning Material

With easy-learning books, RGET uses credible Examples and CD Roms containing Demonstrations, tutorials and reference Material. Some other features are FAQs and Industry in-demand technological knowledge. Training methods.

Experiential Learning

RGET hosts seminars and interactive sessions With industry experts. Student projects are Showcased and reviewed, helping them gain Knowledge in a professional environment.

The Latest Technologies

RGET's students are trained with industry Required curriculum through constant research, Analysis, programs and latest technologies.

Globally Certified Faculty

The teaching staff at RGET is well experienced and highly trained with adequate skills and knowledge to bring out the best in their students.

Educational Alliances

RGET trains students with programs helping them achieve diplomas/degree from alliance universities on fulfilling required criterion and Successful completion of programs.

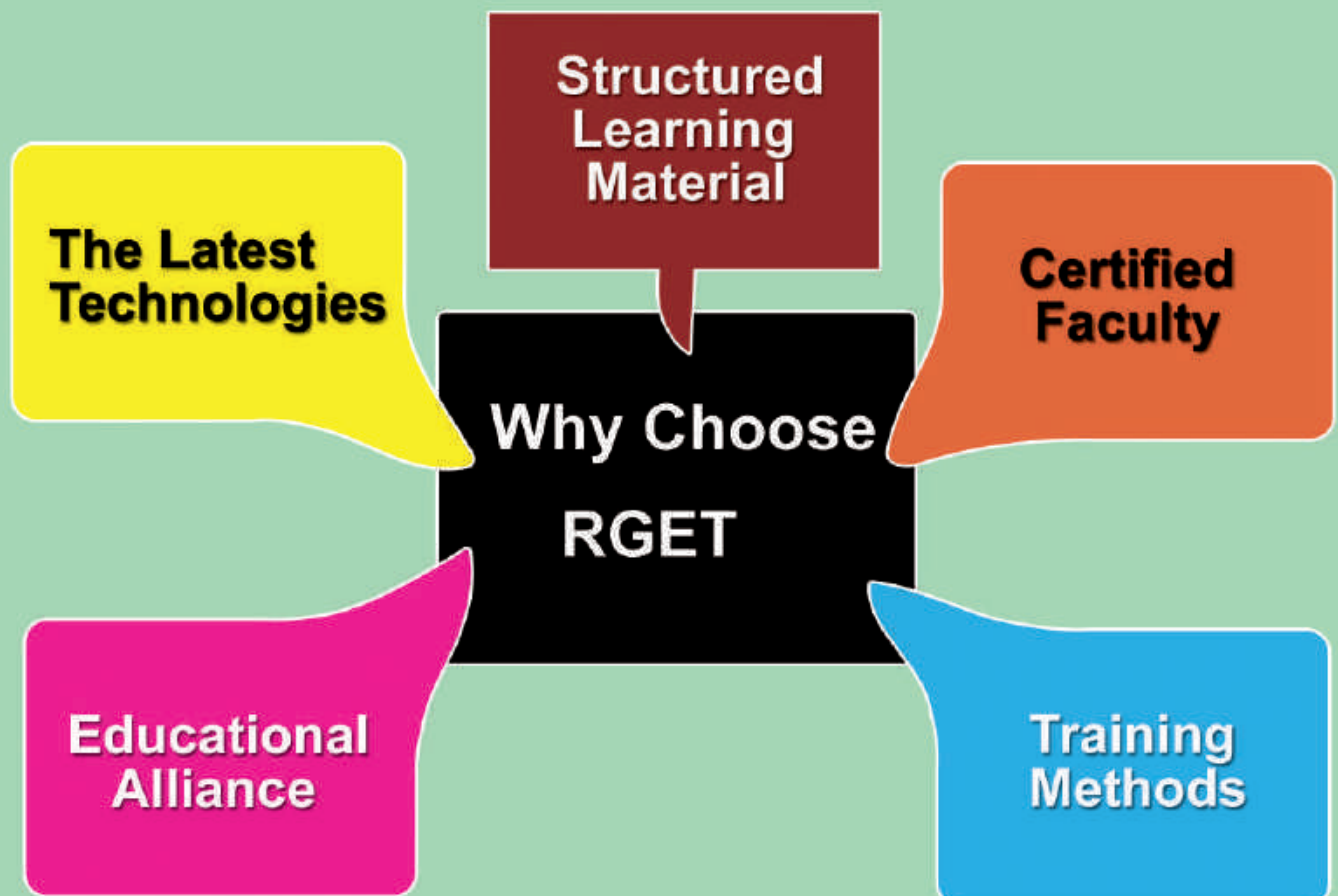
Training .ethods

RGET's training methods are an excellent combination of Classroom and lab practice Sessions adding value to the learning process of the students.



Other features :

- ❑ **Introduction** – Students are introduced to RGET and informed about the procedures followed.
- ❑ **Laddered learning** – The learning at RGET is a step by step process, moving on with the curriculum in a progressive manner.
- ❑ **Mock Tests and Interviews** – Students have adequate practice for examinations and interviews with mock sessions at the campus.
- ❑ **Technical Papers** – Latest technical papers are shared over and above the curriculum to keep students abreast of technologies and development.
- ❑ **Personalized Feedback** – Students are individually asked for feedback, regarding the course, faculty and everything necessary for the positive growth in their education.
- ❑ **Developer Bytes** – RGET hosts quizzes online to help the students complete and develop their learning process.
- ❑ **Credibility** – Students' e-projects are personally evaluated by seasoned professionals at the RGET Head office.
- ❑ **Witness delivery** – The faculty at RGET is constantly under observation by seasoned faculty trainers to maintain uniformity and ensure the right training methodology is adapted by the faculty.



Course name	Course code	Duration	Eligibility
CCCA	RGET101	6 MONTHS	10TH

Certificate Course in Computer Accounting

❖ Computer Concept & Fundamentals with Introduction to Internet & Email
❖ Operating System
❖ Computerized Accounting Through Tally
❖ Lab-I
❖ Project Work

Course name	Course code	Duration	Eligibility
CCSI	RGET102	6 MONTHS	8TH

Certificate Course in Software Installation, Up Gradation & Troubleshooting

❖ Introduction to Hardware & Personal Computer
❖ Computer Mother Board, Storage, USB Devices
❖ SMPS & Troubleshooting
❖ Software Installation & System Files
❖ PC Tools & Anti Virus Software

Course name	Course code	Duration	Eligibility
DIT	RGET111	1 YEAR	12TH

Diploma in Information Technology

❖ Computer Concept & Fundamentals
❖ Operating System
❖ MS-Office (MS-Word, MS-Excel, MS-Power Point, MS-Access)
❖ Computer Networking & Internet
❖ Programming in C++
❖ Lab-I
❖ Project Work

Course name	Course code	Duration	Eligibility
CCWT	RGET113	6MONTH	10TH

Certificate Course in Web Technology

❖ Computer Concept & Fundamentals
❖ Windows/Operating System
❖ MS-Office (MS-Word, MS-Excel, MS-Power Point, MS-Access)
❖ HTML & Front Page
❖ HTML5 & CSS
❖ Front Page
❖ VB Script
❖ Java Script
❖ Web Browser and FTP
❖ Project

Course name	Course code	Duration	Eligibility
DSPP	RGET122	1YEAR	10TH

Diploma in Secretarial Practice & Publishing

❖ SEMESTER - I
❖ Computer Concept & Fundamentals
❖ Operating System
❖ MS-Office (MS-Word, MS-Excel, MS-Power Point, MS-Access)
❖ Visual FoxPro (DBMS)
❖ Lab-I
❖ SEMESTER - II
❖ Tally
❖ Email & Internet Technology
❖ D.T.P. (Page Maker, Corel Draw, Photo Shop Scanning)
❖ Lab-II
❖ Project Work

Course name	Course code	Duration	Eligibility
DMM	RGET104	6 MONTHS	10TH

Diploma in Mobile Maintenance

❖ Basic Mobile Phone
❖ Various Mobile Circuit
❖ Mobile Phone Repairing
❖ Mobile Repairing Tools
❖ Mobile Phone Faults
❖ Downloading Techniques

Course name	Course code	Duration	Eligibility
CDTP	RGET105	6 MONTHS	8TH

Certificate in Desk Top Publication

❖ Computer Concept & Fundamentals
❖ Operating System (Dos, Windows 2000, Windows XP)
❖ Page Maker
❖ Corel Draw
❖ Photo Shop
❖ Scanning
❖ Lab-I
❖ Project Work

Course name	Course code	Duration	Eligibility
DCAA	RGET110	1 YEAR	10TH

Diploma in Computer Application & Accounting

❖ Computer Concept & Fundamentals with Introduction to Internet & Email
❖ MS-Office (MS-Word, MS-Excel, MS-Power Point, MS-Access)
❖ Computerized Accounting through Tally
❖ Lab-I
❖ Project Work

Course name	Course code	Duration	Eligibility
CCHN	RGET121	6MONTH	12TH

Certificate in Computer Hardware & Networking

❖ SEMESTER - I	
❖ Analog and Digital Electronics	
❖ Operating System (Dos, -Windows, Nt, 2000, XP, Unix, Linux)	
❖ Microprocessors	
❖ Installation and Assembling	
❖ Peripheral Devices Installation and Maintenance	
❖ Lab-II	
❖ SEMESTER - II	
❖ PC Architecture, Power Supply, Display System	
❖ Drives, Printer and Scanner Repairing	
❖ Virus Removing and Detection Techniques	
❖ Network Fundamental	
❖ Lbl-II	
❖ Project Work/Training	

Course name	Course code	Duration	Eligibility
E-S / D-S	RGET1000	3MONTH	3RD-8TH

Rget E-Siksha/ Digital-Siksha

❖ Ms-Word (Basic)	
❖ Ms-Excel (Basic)	
❖ Ms-Powerpoint	
❖ Ms Access (Basic)	
❖ Training on any type of Online Work.	
❖ Online Banking/Dth/Mobile Recharge.	
❖ Online Bill/Emi/Premium Payment.	
❖ Train ticket/Bus ticket /Flight ticket /Taxi Booking	
❖ Online Shopping/Hotel Booking.	
❖ Online Tv/ News/ Movie/ Food.	
❖ Digital Marketing(Basic)	

PROJECT ORIENTED

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Course name

DNTT

Course code

RGET998

Duration

1 YEAR

Eligibility

10TH

Diploma In Nursery Teacher Training

❖ Semester -1:
❖ Child Psychology
❖ Child Welfare & Health
❖ School Organisation & Management
❖ Sociology & Guidance
❖ Educational Psychology
❖ Principle of Education
❖ Methods of Teaching
❖ Lab 1
❖ Semester -2:
❖ Lesson Planning & Teaching
❖ Art & Craft
❖ Preparation of Teaching Aids
❖ Rhymes, Action, Songs , Speech, Story
❖ Viva
❖ Lab 2

Course name

CCAD

Course code

RGET100

Duration

6 MONTHS

Eligibility

8TH

Certificate In Computer Application & Designing

❖ Basic in Ms Office
❖ Correl Draw & Page Maker
❖ Basic Introduction to Autocad & Adobe Photoshop

Course name	Course code	Duration	Eligibility
DPCTT	RGET117	1YEAR	10TH

Diploma in Primary Computer Teacher Training

❖ SEMESTER - I
❖ Computer Concept & Fundamentals with Introduction to Internet & Email
❖ Operating System
❖ MS-Office (MS-Word, MS-Excel, MS-Power Point, MS-Access)
❖ School Organization & Administration
❖ Lab-I
❖ SEMESTER - II
❖ Programming in C++
❖ Children Psychology
❖ Methods of Teaching
❖ Personality Development
❖ Lab-II
❖ Project Work/Lesson Plan

Course name	Course code	Duration	Eligibility
DCAD	GET109	12MONTH	10TH

Diploma in Computer Application & Designing

❖ Semester 1:
❖ Basic Introduction to Ms Office
❖ Html & Email
❖ Visual Basics
❖ Correl Draw & Pagemaker
❖ Photo Shop
❖ Semester 2:
❖ 3D Max
❖ Autocad
❖ Adobe Indesign
❖ Adobe Illustrator



Course name	Course code	Duration	Eligibility
DCA	RGET114	1 YEAR	10TH

Diploma In Computer Application

❖ Ms Office (Advance Section)
❖ Email with Ms Out look & Linux (Theory + Practically)
❖ HTML
❖ C++ (Advance Section)
❖ Java (Basic &Advance Section)
❖ . Net
❖ Data Structure & Algorithm
❖ Basic Concept of Hardware(Practically) & Visual Basics (Advance Section)
❖ Ruby Language
❖ Semester 2 :
❖ Python
❖ Accounting with Tally Gst
❖ Java Script
❖ R Language
❖ Networking & Cloud Computing (Practically + Theoretically)
❖ Dbms with Sql
❖ Multimedia
❖ Digital Logic & Computer Design

Student Development Centre page-11 is now the **Student Success Center!**

Course name

DCHN

Course code

RGET999

Duration

1YEAR

Eligibility

10TH

Diploma In Computer Hardware & Networking

❖ Semester -1 :
❖ Analog & Digital Electronics
❖ Operating System, Bios, Cd Rom Drive
❖ Dma & Irq Ram(SDR , DDR, DDR2, DDR3)
❖ Demonstration of Various Parts of Laptop
❖ Micro Processor
❖ Mother Boards
❖ Installation & Assembling
❖ Peripheral Devices Installation
❖ Basic Networking , Protocols , IP Addressing, Device Transmission Techniques
❖ Lan Configuration , Wireless lan Configuration
❖ Proxy Server
❖ Wan Technology
❖ Lab 1
❖ Semester- 2 :
❖ Pc Architecture , Power Supply Display System
❖ Bus Architecture, Blue day risk concept, Cmos
❖ Chip Level Repairing & Fiber Optics Cabling
❖ Mouse , Keyboard, Drivers Printer & Scanner Repairing
❖ Virus Removing & Detection Techniques
❖ Utilities
❖ Router , Firewall, Vlan, Network Trouble Shooting
❖ Windows 2008 Server Installation & Administration
❖ Linux Installation
❖ Configuration of Servers: Samba , Telnet , Dhcp , Ftp Dns, Proxy, Apache & Nfs
❖ Lab 2



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Career Opportunities

Course name	Course code	Duration	Eligibility
PGDIT	RGET118	1 YEAR	10TH

Post Graduate Diploma in Information Technology

❖ SEMESTER - I
❖ Computer Concept & Fundamentals
❖ Operating System
❖ MS-Office (MS-Word, MS-Excel, MS-Power Point, MS-Access)
❖ Computer Network & Internet
❖ Programming in C++
❖ Lab-I
❖ SEMESTER - II
❖ Java
❖ Programming with VB.Net
❖ HTML & Front Page
❖ Lab-II
❖ Project Work

Course name	Course code	Duration	Eligibility
BASIC	RGET157	3 MONTHS	3RD-8TH

Basic In Computer

❖ Ms office & Visual Basics(Advance Section)
❖ Html & Email
❖ C++

Course name	Course code	Duration	Eligibility
FA & T	RGET133/910	6/12MONTH	8/10TH

Financial Accounting With Tally

❖ Accounting & Financial mangement
❖ Banking in Tally
❖ Statutory capability
❖ Gstr 1 , Gstr 2 , Gstr 3b, Ewaybill
❖ Tds, Tcs ,Input Tax Credit
❖ Job costing , Budget ,Roc, Audit & Compliances
❖ Power pack add on Features
❖ Mis reporting capability in Tally
❖ Customised Tally by tdl
❖ Stock management, Job work in order
❖ Credit note , Debit note, Delivery note, Purchase order
❖ Challan reconcillation
❖ Internet based capability in Tally
❖ Sales management
❖ Purchase management
❖ Manufacturing process
❖ Job work process
❖ Payroll capability
❖ Data exchange capability
❖ Data security capability
❖ Some amazing features of Tally
❖ Emailing with Ms Outlook & all Features of Gmail
❖ Advanced Ms Excel
❖ Advanced Ms Powerpont
❖ Fundamental of Computer & Advanced Ms Word



Course name	Course code	Duration	Eligibility
DCTT	RGET911	1 YEAR	10TH

Diploma In Computer Teacher Training

❖ Semester-I
❖ Ms Office(Advance Section)
❖ Email with Ms Out Look &Linux(Theory +Practicaly)
❖ Html
❖ C++ (Advance Section)
❖ Java (Basic &Advance Section)
❖ .NET
❖ Data Structure & Algorithm
❖ Basic Concept of Hardware(Practicaly) & Visual Basics (Advance Section)
❖ Ruby Language
❖ Lesson Planning & Teaching
❖ Andragogy & Priciple of Education
❖ Semester 2:
❖ Python
❖ Accounting with Tally GST
❖ Java script
❖ R Language
❖ Networking & Cloud Computing (Practicaly + Theoretically)
❖ Dbms with SQL
❖ Multimedia
❖ Child Psychology, Welfare & Health
❖ School Organisation & Management
❖ Pedagogy
❖ Priciple of Education

Course name	Course code	Duration	Eligibility
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G++ Smart Level / PGDCA

RGET001

2 YEARS

10TH

❖ Semester 1 :
❖ Ms Office(Advance Section)
❖ Email with Ms Out Look &Linux(Theory +Practicaly)
❖ Html, html 5
❖ C & Fortran Language
❖ C++ (Advance Section)
❖ Java (Basic &Advance Section)
❖ Data Structure & Algorithm
❖ Oracle
❖ Basic Concept of Hardware (Practicaly) & Visual Basic(Advance Section)
❖ Project Work
❖ Semester 2 :
❖ R (Statistical Computing & Data Science)
❖ Accounting with Tally Gst(Advance Section)
❖ Java Script, Bootstrap & CSS
❖ Introduction to Block Chain Technology
❖ Ruby
❖ Python
❖ Project Work
❖ Semester 3 :
❖ Networking & Cloud Computing (Practicaly + Theoretically)
❖ Dbms with SQL
❖ Multimedia (Advance Section)
❖ Digital Logic & Computer Design
❖ Kali Linux & Nmap
❖ Ruby
❖ C#
❖ Apps Development with Android Studio

❖	Project Work
❖	Final Semester & 4th Semester
❖	Artificial Intelligence & Robotics
❖	Microelectronics
❖	Human Resource & Executive Management
❖	Business & Market Management
❖	Cyber Security & Digital Marketting
❖	Circuit Theory & Operation Research
❖	Basic Concept Physics & Mathematics
❖	.NET Technology & Operation Research
❖	Corporate Training
❖	Project Work



Course name	Course code	Duration	Eligibility
DMA	RGET120	1 YEAR	10TH

Diploma in Multimedia and Animation

❖	SEMESTER - I
❖	Computer Concept & Fundamentals
❖	Operating System
❖	MS-Office (MS-Word, MS-Excel, MS-Power Point, MS-Access)
❖	D.T.P. (Corel Draw, Photoshop, Page Maker)
❖	Lab-I
❖	SEMESTER - II
❖	Adobe Premier
❖	Dream Weaver, Flash
❖	Adobe Illustrator and Freehand
❖	Lab-II
❖	Project Work

Course name**Course code****Duration****Eligibility****DCS****RGET1002****12 MONTHS****10TH****DIPLOMA IN COMPUTER SCIENCE**

❖ Semester 1 :
❖ Logic gate
❖ C Programming
❖ C++ Programming
❖ Data Structure & Algorithm
❖ Html 5 & CSS
❖ Visual Basics
❖ Semester 2
❖ Java
❖ Python
❖ R Programming Language
❖ Java Script
❖ Xml
❖ Sql

Course name**Course code****Duration****Eligibility****CCS****RGET1001****6 MONTHS****10TH****CERTIFICATE IN COMPUTER SCIENCE**

❖ Logic gate
❖ C programming
❖ C++ programming
❖ Data structure & algorithm
❖ Html 5 & css
❖ Visual basics

**Course name****ADCA****Course code****RGET125****Duration****18 MONTHS****Eligibility****10TH****Advance Diploma In Computer Application**

❖ Semester 1:
❖ Ms Office (Advance Section)
❖ Email with Ms Out Look & Linux (Theory +Practicaly)
❖ Html, Html 5 ❖ C & Fortran Language
❖ C++ (Advance Section)
❖ Java (Basic & Advance Section)
❖ Data Structure & Algorithm
❖ Oracle
❖ Basic Concept of Hardware (Practicaly) & Visual Basic (Advance Section)
❖ Project Work
❖ Semester 2 :
❖ R (Statistical Computing & Data Science)
❖ Accounting With Tally GST (Advance Section)
❖ Java Script, Bootstrap & CSS
❖ Introduction to Block Chain Technology
❖ Ruby
❖ Python
❖ Project Work
❖ Semester 3 :
❖ Networking & Cloud Computing (Practicaly + Theoretically)
❖ Dbms With Sql
❖ Multimedia (Advance Section)
❖ Digital Logic & Computer Design
❖ Kali Linux & Nmap
❖ Ruby
❖ C#
❖ Apps Development With Android Studio
❖ Project Work

Job Opportunities



Course name	Course code	Duration	Eligibility
C++	RGET126	45 Days	NOT APPLICABLE

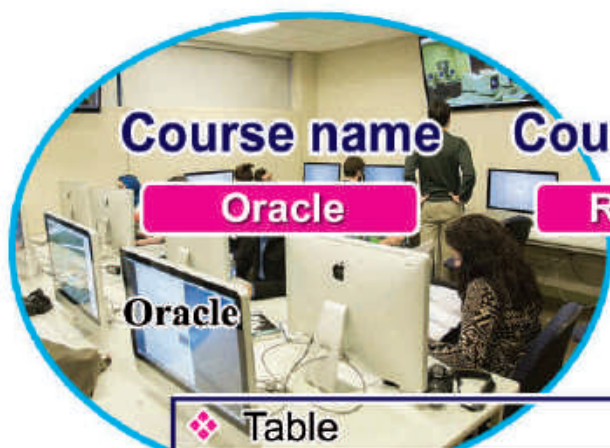
C++

❖ Overview of C++
❖ Classes & Object
❖ Arrays, Pointers, Reference and
❖ Dynamic Allocation Operators
❖ Constructor & Destructors
❖ Function Overloading
❖ Operator Overloading
❖ Virtual Function
❖ Pure Virtual Function
❖ Abstract Class
❖ Inheritance
❖ File Handling

Course name	Course code	Duration	Eligibility
V B	RGET127	45 Days	NOT APPLICABLE

VISUAL BASIC

❖ Visual Basic IDE
❖ Forms
❖ Variables
❖ Menus
❖ Controls
❖ Common Dialog Box
❖ ActiveX Controls
❖ File Handling
❖ Data Base Programming



Course name

Oracle

Course code

RGET130

Duration

90 Days

Eligibility

NOT APPLICABLE

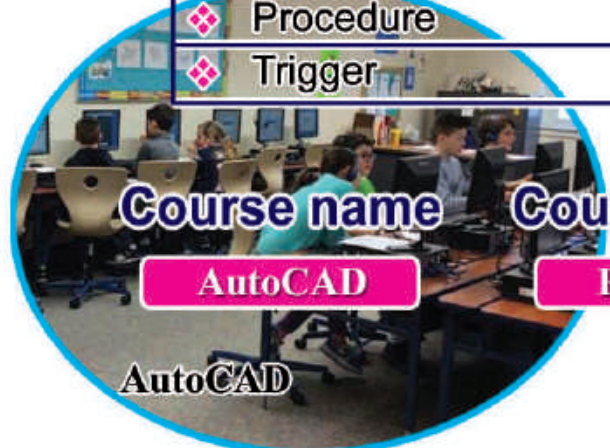
❖ Table

❖ Database

❖ Views

❖ Procedure

❖ Trigger



Course name

AutoCAD

Course code

RGET129

Duration

90 Days

Eligibility

NOT APPLICABLE

❖ Introduction

❖ Customizing AutoCAD

❖ Creating Drawing Using Wizards

❖ Using Tools

❖ 3D Max



Course name

JAVA

Course code

RGET128

Duration

45 Days

Eligibility

NOT APPLICABLE

JAVA



❖ Introduction to Java

❖ Classes & Objects

❖ Inheritance

❖ Packages & Interfaces

❖ Exception Handling

❖ Multithreaded Programming

❖ Applets

Course name	Course code	Duration	Eligibility
C-Language	RGET134	45 Days	NOT APPLICABLE

C-Language

❖ Overview of C
❖ Variable Constant & Operators
❖ Arrays
❖ Pointers
❖ Functions
❖ Structure & Union
❖ File
❖ The Pre Process

Course name	Course code	Duration	Eligibility
PHP	RGET132	90 Days	NOT APPLICABLE

PHP

❖ PHP Basics
❖ PHP Advanced
❖ MYSQL Database
❖ PHP XML
❖ PHP & AJAX

Course name	Course code	Duration	Eligibility
D.T.P.	RGET131	60 Days	8th

D.T.P.

❖ Page Maker
❖ Photo Shop
❖ Corel Draw
❖ Scanning

Course name	Course code	Duration	Eligibility
C-SE	RGET140	1 Year	NOT APPLICABLE

Communicative Spoken English

❖ Grammar
❖ Vocabulary & Writing Skill
❖ Pronunciation
❖ Group Discussion
❖ Debates
❖ Audio & Visual Support
❖ Mock Interview
❖ Analytical Mind Development
❖ Smartness Development & Body Language
❖ Personality Development
❖ Telephonic Interview
❖ Topic Discussion
❖ 1 Month Internship

Course name	Course code	Duration	Eligibility
R-SE	RGET139	6 Months	NOT APPLICABLE

Refreshers Spoken English

❖ Grammar
❖ Vocabulary & Writing Skill
❖ Pronunciation
❖ Group Discussion
❖ Debates
❖ Audio & Visual Support
❖ Mock Interview

Course name	Course code	Duration	Eligibility
Graphics Designing	RGET136	90 Days	10th

Graphics Designing

❖ Page Maker
❖ Photo Shop
❖ Corel Draw
❖ Scanning

Course name	Course code	Duration	Eligibility
B-SE	RGET138	90 Days	NOT APPLICABLE

Basic Spoken English

❖ Grammar
❖ Vocabulary & Writing Skill
❖ Pronunciation
❖ Group Discussion

Course name	Course code	Duration	Eligibility
SM & L	RGET995	3/6/12MONTH	10TH

Stock Management & Logistics

❖ Salas
❖ Purchase
❖ Consumption
❖ Branch Management .
❖ Barcode
❖ GST
❖ Cloud Based
❖ Automatic Pricing



Course name Course code Duration Eligibility

Diploma in Corporate Training

RGET900

1 YEAR

10TH

- ❖ An Initiative for Job Seekers
- ❖ New root of Cracking the Interview & Know your Job Definitely
- ❖ Mock Interview (By Experience Team).
- ❖ Marketing Analysis or Marketing Strategy.
- ❖ Job Interview Preparation
- ❖ Legal Knowledge (Company Oriented)
- ❖ Mock Interview. (by Experience Team)
- ❖ Economical Knowledge(Company Oriented)
- ❖ Legal Knowledge (Company Oriented)
- ❖ Pronunciation.
- ❖ Voice & Non Voice Calling (for Experience in BPO Sector)
- ❖ Business Administration.
- ❖ Introduction to Digital Marketing
- ❖ How to Lead a Team / Team Management.
- ❖ ANDRAGOGY-the Art & Science of Helping Adults Learn
- ❖ HR Training & Development Theory.
- ❖ Executive Management
- ❖ Clear & Concise Writing . x

Course name Course code Duration Eligibility

ECDS

RGET996

6 MONTHS

10TH

Executive Curriculum in Data Science

- ❖ R/Python/SAS
- ❖ Basics in Statistics
- ❖ Data Management & Analytics
- ❖ Machine Learning & Big Data
- ❖ Neural Networks

Course name	Course code	Duration	Eligibility
.Net Tech.	RGET135	90 Days	10th

.Net Tech

❖ .Net Framework
❖ Visual Basic.Net
❖ SQL Server

Course name	Course code	Duration	Eligibility
T&S	RGET137	3M/6M/1Year	Not Applicable

Typing & Stenography

❖ Bengali & English Type
❖ Short Hand

Course name	Course code	Duration	Eligibility
DM	RGET997	6 MONTHS	10TH

Digital Marketing

❖ Search Engine Optimization(SEO)
❖ Build out a Social Media Strategy.
❖ Online Advertising.
❖ Web Analytics & Visitors Tracking.
❖ Data Visualization.
❖ Market Analytics.
❖ Search Engine Marketing.
❖ Content & Email Marketing.
❖ You Tube & Video Marketing.

Course name	Course code	Duration	Eligibility
CITA	RGET106	6 months	8th

Certificate in Information Technology Application

- ❖ Ms Office (Advance Section)
- ❖ Email with Ms Out Look & Linux (Theory + Practically)
- ❖ HTML
- ❖ C++ (Advance Section)
- ❖ JAVA (Basic & Advance Section)
- ❖ Data Structure & Algorithm
- ❖ Basic Concept of Hardware (Practically) & Visual Basics (Advance Section)

Course name	Course code	Duration	Eligibility
DIPWD	RGET108	1 year	10th

Diploma in Programming & Web Designing

- ❖ Semester -1 :
- ❖ Concept Internet
- ❖ Concept on Ms Office
- ❖ Html
- ❖ Html5
- ❖ Css
- ❖ Website development using blogspot
- ❖ Asp.net
- ❖ C & C++
- ❖ Semester -2 :
- ❖ Java
- ❖ Java Script
- ❖ Bootstrap
- ❖ Node Js
- ❖ Angular Js
- ❖ React Js
- ❖ Python
- ❖ Website development using wordpress

Course name

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G++ SMART IN ETHICAL HACKING

Course code

RGET 002

Duration

12 MONTH

Eligibility

12TH

❖ INTRODUCTION TO THE ETHICAL HACKING.
❖ SCANNING NETWORKS.
❖ SYSTEM HACKING.
❖ MALWARE THREATS.
❖ ENUMERATION.
❖ SESSION HIJACKING.
❖ SNIFFING & SOCIAL ENGINEERING.
❖ SQL INJECTION.
❖ CLOUD COMPUTING & CRYPTOGRAPHY.
❖ HACKING WEB SERVERS, WEB APPLICATION, WIRELESS NETWORK & MOBILE PLATFORMS.
❖ STARTUP BUSINESS MODEL ON CYBER SECURITY & ETHICAL HACKING.

Course name

G++ SMART USER INTERFACE & EXPERINENCE DESIGN

Course code

RGET 003

Duration

12 MONTH

Eligibility

12TH

❖ UX DESIGN OVERVIEW.	❖ BASICS OF USABILITY.
❖ UXD PROCESS & WORKFLOW.	
❖ UX RESEARCH PHASE.	❖ UX DESIGN PHASE.
❖ VALIDATION & IMPLEMENTATION PHASE.	
❖ BASICS OF INTERACTION DESIGN.	
❖ INTERACTION DESIGN & USABILITY.	
❖ USER FLOW.	
❖ INFORMATION ARCHITECHTURE.	
❖ WIRENAMES & PROTOTYPE.	
❖ DESIGN PATTERN & DATA DRIVEN VALIDATION.	

Course name

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G++SMART IN DATA VISUALISATION

Course code

RGET 004

Duration

6 MONTHS

Eligibility

12TH

- | |
|---|
| ❖ FUNDAMENTALS OF DATA VISUALISATION USING TABLEAU. |
| ❖ VISUAL ANALYTICS WITH TABLEAU. |
| ❖ MongoDB FOR ANALYTICS. |
| ❖ BIG DATA & HADOOP – BASICS & ADVANCED. |

Course name

G++ SMART IN E-COMMERCE TECHNOLOGY

Course code

RGET 005

Duration

12 MONTHS

Eligibility

12TH

- | |
|---|
| ❖ BUILDING NEXT GENERATION WEBSITES. |
| ❖ OOP CONCEPTS. |
| ❖ QUERYING WITH MySQL. |
| ❖ WEB APPLICATION DEVELOPMENT USING PHP. |
| ❖ WORKING WITH Drupal. |
| ❖ BUILDING E-COMMERCE SITES WITH MAGNETO. |
| ❖ PROJECT E-COMMERCE. |

Course name

G++ SMART IN BIG DATA ESSENTIALS

Course code

RGET 006

Duration

12 MONTHS

Eligibility

12TH

- | | |
|---------------------------------------|------------|
| ❖ INTRODUCTION TO BIG DATA. | |
| ❖ PROGRAMMING WITH PYTHON. | |
| ❖ INTRODUCTION TO R FOR DATA SCIENCE. | |
| ❖ PROGRAMMING WITH HADOOP. | |
| ❖ PROGRAMMING WITH TENSOR FLOW. | ❖ MARIA DB |

Course name

G++ SMART IN ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Course code

RGET 007

Duration

12 MONTH

Eligibility

12TH

❖ FINANCIAL DATA ANALYSIS WITH MS EXCEL.
❖ PYTHON PROGRAMMING.
❖ PROGRAMMING WITH TENSOR FLOW PROGRAMMING.
❖ EMERGING JOB AREAS SMAC.
❖ LARGE DATA MANAGEMENT.
❖ R PROGRAMMING.
❖ PROJECT(R ORIENTED).
❖ AI PRIMER[ML , DL, NEURAL N/Ws]
❖ NATURAL LANGUAGE PROCESSING TOOLKIT.
❖ DEEP LEARNING & MACHINE LEARNING APIs.
❖ PROJECT CHATBOT & RECOMMENDATION ENGINE.

Course name

G++ SMART IN MVC APPLICATION DEVELOPMENT

Course code

RGET 008

Duration

6 MONTH

Eligibility

12TH

❖ Introduction to MVC Architecture.
❖ DEVELOPING ASP.NET MVC WEB APPLICATION.
❖ USING .NET FRAMEWORK TOOLS & TECHNOLOGIES.
❖ HTML HELPER METHODS.
❖ EXPLORING CONTROLLER'S. EXPLORING CONTROLLERS AND CONTROLLER BASE CLASS.
❖ MODEL BINDERS, DEFAULT MODEL BINDER.
❖ DESIGNING AND IMPLEMENTING DATABASES WITH SQL SERVER.
❖ USING AJAX AND JQUERY WITH ASP.NET MVC.
❖ MVC STATE MANAGEMENT

Course name

G++ SMART IN ANDROID APPLICATION DEVELOPMENT

Course code

RGET 009

Duration

12 MONTHS

Eligibility

12TH

❖	FUNDAMENTALS & OOP PROGRAMMING WITH JAVA.
❖	APPLICATION ARCHITECTURE & LIFECYCLE.
❖	NAVIGATIONS , NESTED NAVIGATIONS, DATA BINDING, META DATA.
❖	ANGULAR BOOTSTRAP.
❖	ERROR HANDLING.
❖	USING PLUGINS.
❖	ACCESSING NATIVE API THROUGH JAVA SCRIPT.
❖	COMMON JAVA SCRIPT MODULE.
❖	COMMON JS MODULES IN NATIVE SCRIPT APPS.
❖	CODE SHARING.
❖	TOOLING.
❖	ANDROID & IOS RUNTIME.
❖	UTILS.
❖	MULTI THREADING MODEL.
❖	UI/UX FOR MOBILE DEVELOPMENT.
❖	WEB COMPONENT DEVELOPMENT USING SERVLETS & JSP.
❖	OBTAINING & USING SIGNING CERTIFICATE KEYS.
❖	HYBRID ANDROID APPS DEVELOPMENT.
❖	INTRODUCTION TO SWIFT.
❖	ANDROID APP TESTING.
❖	PROJECT – ANDROID APP DEVELOPMENT.

Course name

G++ SMART IN SENSOR TECHNOLOGY

Course code

RGET 011

Duration

12 MONTH

Eligibility

12TH

❖ Introduction: Electronics	❖ Introduction: Electronics (cont.)
❖ Pressure, Force	
❖ Pressure, Strain, & Piezoelectrics	
❖ Electric Field and Capacitive Sensing	
❖ Capacitive Applications & Magnetic Sensing	
❖ Inertial Sensing	❖ Optical Sensing
❖ Acoustic and Thermal Sensing	
❖ Digital Sensor Processing and Modules	
❖ RF and Acoustic Coherent Sensing, Bioelectric Sensing &	
Related Topics	❖ Final Project Presentations

Course name

G++ SMART IN AUGMENTED, VIRTUAL & MIXED REALITY

Course code

RGET 012

Duration

12 MONTH

Eligibility

12TH

❖ INTRODUCTION TO VR, MR, AR, XR.
❖ MOTION TRACKING, NAVIGATION & CONTROLLERS.
❖ THE HUMAN BEHIND THE LENSES.
❖ USE & APPLICATION OF VR, MR, AR, XR.
❖ CAMERA TRACKING & 3D RENDERING FOR IMMERSIVE ENVIRONMENTS.
❖ MODELLING THE PHYSICAL WORLD.
❖ PRESENCE , AGENCY & INTERACTIVITY.
❖ SOUND IN IMMERSIVE ENVIRONMENTS.
❖ VR APPLICATION IN MEDICAL & PRODUCTION SECTOR.

G++ SMART IN CYBER SECURITY**Course code****RGET 013****Duration****24 MONTHS****Eligibility****12TH****Unit 1: Introduction to Cyber Security**

Overview of Cyber Security, Internet Governance – Challenges and Constraints, Cyber Threats:- Cyber Warfare-Cyber Crime-Cyber terrorism-Cyber Espionage, Need for a Comprehensive Cyber Security Policy, Need for a Nodal Authority, Need for an International convention on Cyberspace.

Unit 2: Cyber Security Vulnerabilities and Cyber Security Safeguards

Cyber Security Vulnerabilities-Overview, vulnerabilities in software, System administration, Complex Network Architectures, Open Access to Organizational Data, Weak Authentication, Unprotected Broadband communications, Poor Cyber Security Awareness. Cyber Security Safeguards- Overview, Access control, Audit, Authentication, Biometrics, Cryptography, Deception, Denial of Service Filters, Ethical Hacking, Firewalls, Intrusion Detection Systems, Response, Scanning, Security policy, Threat Management.

Unit 3: Securing Web Application, Services and Servers

Introduction, Basic security for HTTP Applications and Services, Basic Security for SOAP Services, Identity Management and Web Services, Authorization Patterns, Security Considerations, Challenges.

Unit 4: Intrusion Detection and Prevention

Intrusion, Physical Theft, Abuse of Privileges, Unauthorized Access by Outsider, Malware infection, Intrusion detection and Prevention Techniques, Anti-Malware software, Network based Intrusion detection Systems, Network based Intrusion Prevention Systems, Host based Intrusion prevention Systems, Security Information Management, Network Session Analysis, System Integrity Validation.

Unit 5: Cryptography and Network Security

Introduction to Cryptography, Symmetric key Cryptography, Asymmetric key Cryptography, Message Authentication, Digital Signatures, Applications of Cryptography. Overview of Firewalls- Types of Firewalls, User Management, VPN Security Security Protocols: - security at the Application Layer- PGP and S/MIME, Security at Transport Layer- SSL and TLS, Security at Network Layer-IPSec.

Unit 6: Cyberspace and the Law

Introduction, Cyber Security Regulations, Roles of International Law, the state and Private Sector in Cyberspace, Cyber Security Standards. The INDIAN Cyberspace, National Cyber Security Policy .

Unit 7: Cyber Forensics

Introduction to Cyber Forensics, Handling Preliminary Investigations, Controlling an Investigation, Conducting disk-based analysis, Investigating Information-hiding, Scrutinizing E-mail, Validating E-mail header information, Tracing Internet access, Tracing memory in real-time.

G++ SMART IN ROBOTICS**Course code****Duration****Eligibility****RGET 014****12 MONTH****12TH**

Actuators and Drives

Control Components

De-mining Robot: Embedded Robot Controller, I/O Interface, and PWM Amplifiers

Control Software - 1

De-mining Robot: Controller Software and Sensor Inputs

Control Software - 2

Sensors - 1

De-mining Robot: Implement Basic Sensor-based Controls; Plan Strategy for De-mining Task

Kinematics - 1

Kinematics - 2

De-mining Robot: Refine De-mining Operations

Differential Motion - 1

Rescue Robot: Stage A - Concept Design

Differential Motion - 2

Statics, Energy Method

Rescue Robot: Stage B - Prototype Implementation

Hybrid Position-force Control

Compliance, End-effector Design

Rescue Robot: Stage B - Prototype Implementation (cont.)

Non-holonomic Systems

Mid-term Exam

Rescue Robot: Stage C - System Integration

Legged Robots, Multi-fingered Hands

Dynamics - 1

Dynamics - 2

Computed Torque Control

Rescue Robot: Stage C - System Integration

Sensors - 2

Computer Vision

Navigation - 1

Navigation - 2

Rescue Robot: Stage D - Testing

Course name

G++ SMART IN 3D & 4D PRINTING TECHNOLOGY

Course code

RGET 015

Duration

12 MONTHS

Eligibility

12TH

❖ PERFORM CAD APPLICATION IN 2D INTERFACE.
❖ INTRODUCTION TO 3D GEOMETRY.
❖ ISOMETRIC PROJECTION FROM ORTHOGRAPHIC VIEWS.
❖ INTRODUCTION TO ADDITIVE MANUFACTURING.
❖ APPLY PROCESS ALGORITHM(SLICING SOFTWARE).
❖ DLP & SLA METHOD.
❖ FUSED FILAMENT FABRICATION (FFF) & FILAMENT DEPOSITION (FDM) PROCESS.
❖ FABRICATION PROCESS.
❖ STL FILE FORMAT.
❖ 3D MODELLING WITH 3D CAD SOFTWARE.
❖ INTRODUCTION A360FUSION SOFTWARE.
❖ 3D SCAN, 3D PRINTING & WORK FLOW.
❖ CREATE AESTHETIC MODELS, PROSTHETIC MODELS.
❖ DEBUGGING PRINTS.
❖ ERROR & DEFECT HANDLING OF 3D PRINTING .
❖ 3D PRINTING AT LOW COST 3D PRINTER.
❖ INTRODUCTION TO 4D PRINTING TECHNOLOGY.
❖ STARTUP BUSINESS MODEL ON 3D & 4D TECHNOLOGY.

G++ SMART IN CLOUD COMPUTING**Course code****Duration****Eligibility****RGET 016****12 MONTHS****12TH**

- # Introduction to Cloud Computing. # Defining cloud computing.
- # Components of a computing cloud.
- # Differentiating types of clouds: public, private, hybrid.
- # Delivering services from the cloud. # Categorizing service types.
- # Comparing vendor cloud products: Amazon, Google, Microsoft and others.
- # Adopting the Cloud.

Key drivers of cloud computing solutions

- # Instantaneous provisioning of computing resources.
- # Tapping into an infinite storage capacity. # Cost-effective pay-as-you-use billing models.

Evaluating barriers to cloud computing

- # Handling sensitive data. # Aspects of cloud security. # Assessing governance solutions.

Exploiting Software as a Service (SaaS)

- # Characterizing SaaS. # Streamlining administration with centralized installation.
- # Optimizing cost and performance with scale on demand.

Comparing service scenarios

- # Improving collaboration with business productivity tools.
- # Simplifying business process creation by integrating existing components.

Inspecting SaaS technologies

- # Deploying web applications. # Implementing web services: SOAP, REST.
- # Choosing a development platform.

Delivering Platform as a Service (PaaS)

- # Exploring the technical foundation for PaaS. # Specifying the components of PaaS.
- # Analyzing vendor PaaS provisions. # Selecting an appropriate implementation

Building services with solution stacks

- # Evaluating the architecture of vendor-specific platforms.
- # Becoming familiar with service platform tools.

Managing cloud storage

- # Controlling unstructured data in the cloud.
- # Deploying relational databases in the cloud. # Improving data availability.

Employing support services

- # Testing in the cloud. # Monitoring cloud-based services.
- # Analyzing portability across platforms.

Deploying Infrastructure as a Service (IaaS)

- # Characterizing IaaS. # Scalable server clusters.
- # Achieving transparency with platform virtualization. # Elastic storage devices.

Accessing IaaS

- # Provisioning servers on demand. # Handling dynamic and static IP addresses.
- # Tools and support for management and monitoring. # Building a Business Case.
- # Calculating the financial implications. # Comparing in-house facilities to the cloud.
- # Estimating economic factors downstream. # Preserving business continuity
- # Selecting appropriate service-level agreements.
- # Safeguarding access to assets in the cloud.
- # Security, availability and disaster recovery strategies.

Migrating to the Cloud

- # Rearchitecting applications for the cloud. # Integrating the cloud with existing applications.
- # Avoiding vendor lock-in. # Planning the migration and selecting a vendor.
- # Python Scripting & networking.
- # Cloud Computing (Cloud Storage, Computation, Databases, Security, etc).
- # Architecting Cloud Solutions. # Machine Learning on Cloud.
- # Managing and Monitoring Cloud Solutions. # DevOps tools and practices on Cloud.
- # IOT on Cloud. # Containers in Cloud & Cloud Migration.
- # Cloud Platforms (AWS, Azure and GCP).

G++ SMART IN DATA ANALYTICS**Course code****Duration****Eligibility****RGET 017****12 MONTHS****12TH**

❖ INTRODUCTION TO BUSINESS ANALYTICS.	
❖ LEADING ANALYTICS.	❖ RECOMMENDATION ANALYTICS.
❖ HEALTHCARE ANALYTICS.	❖ FINANCIAL ANALYTICS.
❖ SPORTS ANALYTICS.	❖ RETAIL ANALYTICS.
❖ PENSION ANALYTICS.	❖ PORTFOLIO ANALYTICS.
❖ LEADING ANALYTICS.	❖ SALESFORCE ANALYTICS.
❖ SUPPLY CHAIN ANALYTICS.	❖ DATA MINING WITH XLMiner.
❖ DATA VISUALIZATION.	❖ DECISION MODELLING.
❖ DECISION ANALYTICS.	❖ ADVANCE MS EXCEL.
❖ R PROGRAMMING LANGUAGE.	❖ PREDICTIONS & FORECASTING.

Course name**G++ SMART IN MATHEMATICAL COMPUTATION & PROGRAMMING****Course code****Duration****Eligibility****RGET 018****12 MONTHS****12TH**

❖ CONCEPT OF DIFFERENT TYPE OF BASIC & HIGHER LEVEL MATHEMATICAL FUNCTION.
❖ MATHEMATICAL COMPUTATION USING ADVANCE MS EXCEL.
❖ MATHEMATICAL COMPUTATION USING FORTRAN AND C.
❖ MATHEMATICAL COMPUTATION USING C++ & JAVA.
❖ PROGRAMMING WITH JAVA SCRIPT.
❖ PROGRAMMING WITH ADVANCE PYTHON.
❖ USING OF DIFFERENT PYTHON LIBRARIES AND PACKAGES LIKE SCIPY, NUMPY, SYMPY, MATPLOTLIB, OPENCV PYTHON, PANDAS ETC.
❖ PROGRAMMING WITH MATLAB
❖ TENSOR FLOW.
❖ DIGITAL IMAGE PROCESSING
❖ ADVANCE R PROGRAMMING.
❖ COMPILER DESIGN
❖ DATA VISUALISATION USING TABLEAU.
❖ VISUAL ANALYTICS WITH TABLEAU.
❖ ADVANCE BIG DATA & HANDOOP.

Course name

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GST ACCOUNTING USING TALLY ERP 9 BEGINNER

Course code

RGET 019

Duration

03 MONTH

Eligibility

10TH

❖	BASIC ACCOUNTING
❖	ACCOUNTING ON COMPUTER
❖	TALLY FUNDAMENTAL
❖	PROCESSING TRANSACTION IN TALLY ERP 9
❖	RECORDING ADVANCED ENTRIES
❖	GST ADJUSTMENT
❖	GETTING STARTED WITH GST(SERVICES)
❖	RECORDING ADVANCED ENTRIES
❖	MIGRATION TO TALLY ERP 9

Course name

CERTIFICATE IN GST TAXATION & E FILING

Course code

RGET 020

Duration

06 MONTH

Eligibility

10TH

❖	INTRODUCTION TO GST: LAWS , RULES ,RATES
❖	NEW ARTICLE 246A , 269A ,279A
❖	STRUCTURE OF GST
❖	REGISTRATION FORMS & PROCESS
❖	NEW REGISTRATION
❖	CONSEQUENCES OF NON COMPLIANCES
❖	FILLING OF RETURN: SET OFF INPUT
❖	TAX CREDIT: AGAINST GST LIABILITY , GST INPUT

Course name

CERTIFICATE IN INDUSTRIAL ACCOUNTING USING GST IN TALLY ERP9

Course code
RGET 021
Duration
06 MONTH
Eligibility
10TH

❖ BASIC ACCOUNTING	ACCOUNTING ON COMPUTER
❖ TALLY FUNDAMENTAL	PROCESSING TRANSACTION IN TALLY ERP 9
❖ RECORDING ADVANCED ENTRIES	GST ADJUSTMENT
❖ GETTING STARTED WITH GST(SERVICES)	
❖ RECORDING ADVANCED ENTRIES	MIGRATION TO TALLY ERP 9
❖ INTRODUCTION TO TRADING ORGANISATION	
❖ PURCHASE & SALES	TALLY FEATURES (F11 & F12)
❖ PURCHASE MANUFACTURING & SALES	
❖ OVERVIEW OF TALLY FEATURES	
❖ BUDGETING SYSTEM	SCENARIO MANAGEMENT
❖ COSTING SYSTEM	MANAGEMENT CONTROL SYSTEM
❖ RATIO ANALYSIS CASH & FUND FLOW	
❖ ANALYSIS& MANAGEMENT INVENTORY	
❖ MULTILINGUAL SYSTEM ADMINISTRATION & OTHER UTILITIES	
❖ ENABLING GST IN TALLY ERP 9	
❖ ADJUSTMENT WITH IGST, CGST, SGST, UTGST,	
OTHER GST TRANSACTION FORMS	
❖ CREATING B2B & B2C TRANSACTION USING COMBINED GST	
❖ INTER STATE TRANSACTION OF GOODS & SERVICES	
❖ INPUT ON SERVICE DISTRIBUTION	MULTIPLE TAX RATE
❖ WAYBILL	ADVANCE PAYMENT & RECEIPT
❖ COMPOSITION OF SCHEME	ADJUSTMENT TDS WITH GST
❖ MULTIPLE TAX RATE	ADVANCE PAYMENT & RECEIPT
❖ CREATE COMPOUND & SIMPLE RATE	
❖ MARKED VOUCHER	
❖ GST EXPORT & IMPORT GST INVOICE, GST REPORT & GST ANALYSIS	
❖ JSON FILE CREATION IN TALLY OFFLINE GST TOOLS & LIVE PROJECTS	

CERTIFICATE IN DIRECT TAXATION & E FILLING

Course code

RGET 022

Duration

6 MONTHS

Eligibility

10TH

❖ INCOME TAX (ITR-1, ITR-2 , ITR-3, ITR-4)	
❖ TAX FORM DOWNLOAD	❖ FORM FILL UP & UPLOAD
❖ E-TDS (FORM 16A, 26Q, & 24Q)	
❖ ESI & PF: PROFESSIONAL TAX WITH LIVE PROJECTS	

JOIN THE MOST LUCRATIVE INDUSTRY Become a BSFI Professional

Indian Banking Financial Services and Insurance (BFSI) sector is to generate about 1.8 million new jobs by 2022. India desperately needs a pool of highly skilled and trained banking professionals.

G++BANKING & FINANCE PRO in Banking prepares undergraduates across various roles in the BFSI: Branch Banking, Customer Acquisitions (Sales), Front-Office operations, Back-Office operations, Wealth Management, Customer Service and Relationship Management.

Course name

G++ BANKING & FINANCE PRO

Course code

RGET 023

Duration

24 MONTHS

Eligibility

GRADUTE

❖ Work smart with Office & the Internet	❖ Professional Skills I
❖ Indian Banking Industry & Different type of regulatory Environment.	
❖ Advanced Excel Tools & Techniques for Analysing Data.	
❖ Customer Service for Banking and Finance Industry.	
❖ Computerized Financial Accounting using Tally ERP 9.	
❖ Global Finance & Accounting.	❖ Professional Skills II
❖ Selling & Relationship Management for Banking & Finance	
❖ Retail Banking Products & Process	❖ Financial Products & Services
❖ Financial Planning & Wealth Management	
❖ Advanced Retail Banking Operations using Finance	
❖ Industry Orientation & Career Planning.	