Job Ready Certification Program Cloud DevOps

(Duration - 6 Months)

About
RV College of Engineering®

RV College of Engineering (RVCE) established in 1963 is one of the earliest self-financing engineering colleges in the country. The institution is run by Rashtreeya Sikshana Samithi Trust (RSST), a not for profit Trust. RVCE is an autonomous college offering 15 Bachelors, 14 Master Programs and departments have Research Centre affiliated to Visvesvaraya Technological University (VTU), Belagavi. The institution has set itself the Vision - Leadership in Quality Technical Education, Interdisciplinary Research and Innovation, with the focus on Sustainable and Inclusive Technology.

Recent awards and achievements include - Ranked 89th in the country by National Institutional Ranking Framework (NIRF: 2022), QS-IGUAGE-Diamond/University Rating (2021-2024).

EduFuture Excellence Award - Best Private Engineering University (South) by Zee Digital, "Engineering College of the Year-2022" by the Higher Education Review Magazine, ranked 13th in the country & 2nd in Karnataka - IIRF Ranking (2021-22), Ranked 6th among the top 10 - 100 private engineering colleges in the country by Education World Magazine.

Eleven UG programs and eligible M.Tech & MCA programs have been accredited by NBA multiple times. The institution has to its credit over 1500 National and International Journal publications, filed 52 patents, 45 published patents, 15 granted patents, completed sponsored research and consultancy projects worth Rs. 25.0 crores in the last three years. The institution has established Centers of Competence / Excellence in the campus.

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

Established in year 1984, offers three undergraduate programs, B.E (CSE), B.E (CSE-Data Science), B.E (CSE- Cyber Security) and two postgraduate programs M.Tech (CSE) & M.Tech (CNE). The department has research center affiliated to Visvesvaraya Technological University (VTU), Belagavi. The two new B.E programs namely B.E (CSE- Data Science) and B.E (CSE- Cyber Security) are offered from academic year 2022-23.

Department of Computer Science and Engineering has MoUs for Research, Consultancy and Training with various government agencies and multinational companies. Students are encouraged to take up interdisciplinary research in various domains of computer science such as Computer Vision, Data Mining, Artificial Intelligence, Machine Learning, Networking, High Performance Computing etc. and are placed in reputed companies.

The Department has undertaken many research/consultancy projects funded both by multinationals and government agencies worth Rs. One Crore. During last five years the department has, to its credit nearly 450 publications. The Department has an excellent placement track record where in various companies offer salary packages with an average salary of INR 15 Lakhs per annum. Internship opportunities are provided for final year and pre-final year students to carry out projects.

About
upGrad Campus

upGrad Campus, a vertical of upGrad, has a mission to bridge the industry academia gap in Higher Education Institutions across the country. We aim to improve students' employabilty by aligning the institutional curriculum with industry requirements with our learning solutions.

The education system of today is undergoing major changes and keeping up with the emerging revolution of Education 4.0 is our Job Ready Certification Programs that empower institutions to provide their students with new-age and industry relevant certifications to let them face the job market and get placement ready.

Duration- 6 Months

10+ Job Ready Skills

290+ hrs of learning with 80+ hrs of live sessions

28 LPA Highest Package

Our vision is to empower students with value added Skill Enhancement Programs for Employment and Career Progression. And our mission is to evolve continually as a centre of excellence in quality education and collaborate with industries to enhance research in emerging areas.

Program
Introduction

The world and its industries have transformed due to apps and the internet. From shopping to entertainment and finance, technology no longer merely enhances a business operation; instead, this becomes an integrated component of any part of a business through Cloud DevOps.

DevOps is a blend of cultural principles, practices, and tools to automate and integrate the processes between software development and IT teams so that they can create, test, and deploy software more quickly and reliably.

It aims to shorten the systems development life cycle and provide continuous delivery with high software quality.

DevOps was listed as the most in-demand profession for the year 2021, and the demand for professionals in this field is growing exponentially. The Job Ready Certification Program in Cloud DevOps aims to develop the next generation of DevOps Engineers and give them a competitive advantage over their peers.

In our program, students learn directly from industry experts via live sessions and solve real-world problems via capstone projects and case studies, interact with mentors, and clear their doubts. They also receive extensive career support and placement assistance to start and accelerate their career.

Course Curriculum

Introduction to Python

Basics of Python

Data Structures in Python

Control Structures and Functions in Python

OOP in Python

Scripting in Python

Web Applications at Scale

Containerisation

Containerisation At Scale

Continuous Monitoring and Logging

Introduction to CI/CD with Jenkins

DevOps Essentials

Linux and Scripting

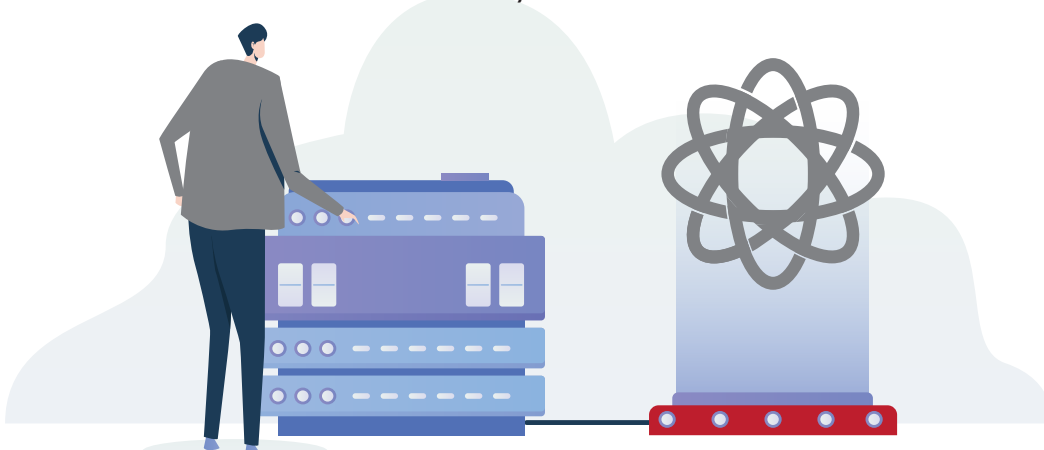Introduction to DevOps

Web Application On Cloud

AWS Services

CI/CD pipeline, system provisioning and DevOps advanced conce

Continuous Integration

Continuous Deployment

System Provisioning and Configuration Management

Testing

Orchestration using Kubernetes

Tools and Skills

python™ | aws | Linux™

Prometheus | Selenium | sonarqube

& many more…

Program
Highlights

Live Classes by Top Industry Experts

Students get an opportunity to learn exclusive insights into the industry from Experts

360° Training & Placement Module

Designed by industry experts preparing students for interviews, group discussions, aptitude training and helping them build their resumes

Curriculum aligned with Industry Requirements

Exclusively designed curriculum by industry experts that integrate with industry requirements

Exclusive Capstone Projects

Implementation of practical skills through projects that are guided by Industry Experts

Complete Placement Assistance

With our placement training module, students gain skills and experience to increase their chances of getting placed at top companies

Access to Exclusive Job Portal by upGrad

Students get access to an exclusive job portal of upGrad that comes with more than 350+ hiring partners

Future of
Cloud DevOps

The market value of DevOps will skyrocket

As per a recent study, the DevOps tools market worldwide achieved $5.2 billion in 2018 and is expected to reach around $15 billion in 2025.

Source: StarAgile.

Cloud DevOps offers steady career growth

Leading job search portals like indeed.com have witnessed a 75% rise in listings of DevOps jobs, and social media sites like LinkedIn have recorded a 50% increase in the mention of DevOps as a skill.

Source: LinkedIn, Indeed Job Reports.

Cloud DevOps will be crucial in the digital age

By 2028, Gartner estimates that over 95% of new digital workloads will be deployed on cloud platforms, up from 30% in 2021, and Cloud DevOps Engineers' demand will increase exponentially.

Source: Gartner IT Symposium/Xpo.

Previous
Recruiters

Microsoft

genpact

EY Building a better working world

Flipkart

cognizant

asianpaints

ORACLE

HDFC ASSET MANAGEMENT COMPANY LIMITED

Paytm

tcs TATA CONSULTANCY SERVICES

planetspark

TATA CAPITAL

make my trip

media.net

coditas

DWAO

Capgemini

MAGNIK INDIA

Walmart

REBEL FOODS

wipro

& many more...

Learner
Testimonials

I would like to thank upGrad Campus for offering great opportunities to upscale my skill sets, ace my placements and land my dream job. I strongly recommend upGrad Campus programs to anyone looking to grow and excel in their career!

Deepanshu Paliwal,
Lovely Professional University

- -

100% appreciation goes to team upGrad Campus. They helped me during the entire interview process. I am very happy to be part of upGrad Campus and the mentors at upGrad Campus are very supportive.

Lokeshwar Kumar,
Lovely Professional University
Placed in Nobrokerhood

- -

upGrad Campus has been a major factor behind providing me with such a great opportunity and assisting me at every moment. I learned a lot from the mentors and teachers, and improved my skills and knowledge through their guidance.

Yuvraj Chaudhary,
Chitkara University
Placed in Planet Spark

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Certificate

Upon successful completion of this program, you will receive a Certificate of Completion from **upGrad Campus** and RV College of Engineering®

This is to certify that

has successfully completed the course on

Sample Certificate

Cloud DevOps

Issued on

Amit Mahensaria

Principal
RV College of Engineering®

CEO
upGrad Campus

884, 6th and 7th Main, 22nd Cross, Sector- 7, HSR Layout, Bengaluru, Karnataka 560102

Be Future-ready with
upGrad Campus

Contact us-

RV College of Engineering®
Mysore Rd, RV Vidyaniketan, Post, Bengaluru, Karnataka 560059

rvceupgrad@rvce.edu.in

9986011689, 8296357947, 080 68188199