RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

RVSCET
ESTD. 2004

JAMSHEDPUR, JHARKHAND

Approved by AICTE, New Delhi and Affiliated to Jharkhand University of Technology

B.TECH | M.TECH

INFORMATION BROCHURE

RVSCET JAMSHEDPUR

Shaping the Engineers of Tomorrow

At RVS Educational Trust, Jamshedpur, we are committed to excellence in engineering education. Our state-of-the-art RVSCET campus offers world-class infrastructure, fostering a dynamic learning environment that blends technical expertise with values, adaptability, and innovation.

Why Choose RVSCET?

Prime Location & Industry Exposure

- Situated in Jamshedpur, home to Asia's largest ancillary hub, Electronic Cluster, STP (Govt. of Jharkhand initiative), and Auto Cluster.
- Our strong industry connections offer hands-on training, internships, and career opportunities.

World-Class Campus

- A lush green modern campus over 35 acres with cutting-edge facilities.
- Architecturally striking academic blocks, smart classrooms, seminar halls, and well-equipped labs.

Safe & Comfortable Residential Facilities

- 5 secure hostels (2 for girls, 3 for boys) with a total capacity of 260 students each.
- Dedicated faculty housing and staff quarters for a thriving campus community.

THE ACADEMIC INSIGHTS

Awarded as
"The Best Private Engineering College of Jharkhand & Bihar"
for 2024-25 by The Academic Insights Magazine.

Academic Excellence and Career Readiness

Innovative Learning Environment

- Smart classrooms, advanced labs, and a VLSI Centre of Excellence for cutting-edge research and practical training.
- Special coaching for GATE and competitive exams, with expert-led sessions.

Personality & Skill Development

- Beyond academics, we focus on soft skills, leadership, and a growth mindset to prepare students for global success.

Vibrant Campus Life

- National-level blood donation drive, NSS activities, and social initiatives.
- Annual events: Freshers' Day (Prarambh), Techno-Cultural Fest (Provenance), Sports Month (Frolic), and Farewell.

PROGRAMS
B.Tech (4 Years)
B.Tech Lateral Entry (3 Years)

The Artificial Intelligence and Machine Learning Program is a cutting-edge program that equips students with expertise in AI algorithms, deep learning, data science, neural networks, and automation. The curriculum covers programming, big data analytics, natural language processing, robotics, and cloud computing. With a strong focus on innovation, problem-solving, and real-world applications, this program prepares students for careers in AI-driven industries, research, and emerging technologies, shaping the future of intelligent systems and automation.

Career Aspects of Artificial Intelligence & Machine Learning

+ Artificial Intelligence Engineer
+ Machine Learning Engineer
+ Data Scientist
+ Deep Learning Engineer
+ Computer Vision Engineer
+ NLP Engineer
+ AI Research Scientist
+ Autonomous Systems Engineer
+ AI Solutions Architect
+ Cybersecurity AI Analyst
+ AI Consultant
+ AI Product Manager

Artificial Intelligence and Machine Learning

Civil Engineering

Career Aspects of Civil Engineering

+ Structural Engineer
+ Construction Engineer
+ Geotechnical Engineer
+ Environmental Engineer
+ Transportation Engineer
+ Urban Planner
+ Hydraulic Engineer
+ Project Manager
+ Survey Engineer
+ Infrastructure Consultant

Civil Engineering, a vital art for society, demands scientific acumen, material expertise, structural innovation, and analytical prowess. Our department empowers aspiring Civil Engineers with cutting-edge tools, advanced technologies, sustainable design principles, and industry-driven methodologies. We foster creativity, problem-solving skills, and technical excellence by providing hands-on experience in modern construction techniques, smart infrastructure, and environmental sustainability. With a strong focus on research, digital modeling, and real-world applications, we prepare future engineers to lead and revolutionize the built environment.

Career Aspects of Computer Science and Engineering

+ Software Engineer
+ Full Stack Developer
+ Cloud Engineer
+ Data Scientist
+ Machine Learning Engineer
+ Cybersecurity Analyst
+ Blockchain Developer
+ DevOps Engineer
+ UI/UX Designer
+ Database Administrator

In the Information Technology age, Computer Science Engineering plays a pivotal role in driving societal and industrial growth. At RVSCET, the CSE department is committed to nurturing highly skilled software engineers by providing a robust curriculum, hands-on learning experiences, and exposure to emerging technologies. With a strong foundation in programming, artificial intelligence, cybersecurity, cloud computing, and data science, our students develop problem-solving abilities, analytical thinking, and a culture of innovation. Through industry collaborations, research opportunities, and real-world projects, we empower future technologists to excel in their careers and contribute to the advancement of the digital world.

Computer Science and Engineering

Electronics and Communication Engineering

Career Aspects of Electronics and Communication Engineering

+ Electronics Engineer
+ Embedded Systems Engineer
+ Telecommunication Engineer
+ VLSI Design Engineer
+ IoT Engineer
+ Signal Processing Engineer
+ Network Engineer
+ Robotics Engineer
+ RF Engineer
+ Automation Engineer

In today's rapidly evolving industries, the demand for experts in Data Communication, Mobile Communication, and Microwave Engineering is more crucial than ever for seamless and efficient information exchange. Our Electronics Engineering program is designed to build a strong foundation in the fundamental principles and advanced practices of the field. We equip students with in-depth knowledge of circuit design, signal processing, embedded systems, and wireless technologies, fostering innovation and problem-solving skills. Through hands-on training in cutting-edge laboratories, exposure to industry trends, and research-driven learning, we prepare future engineers to advance technology and tackle the evolving challenges of modern communication systems.

Electricity and Electronics are two interdependent components that serve as the lifeblood of modern technology, powering everything from everyday appliances to advanced industrial systems. In today's fast-paced world, they are essential for innovation, automation, and sustainable development. Our department is dedicated to providing a comprehensive education that blends theoretical knowledge with hands-on practical experience. We achieve this through state-of-the-art laboratories, industry-aligned curriculum, and expert faculty guidance. By fostering analytical thinking, problem-solving skills, and technical expertise, we prepare students to excel in fields such as power systems, embedded technology, semiconductor design, and renewable energy solutions.

Career Aspects of Electrical and Electronics Engineering

+ Electrical Engineer
+ Power Systems Engineer
+ Renewable Energy Engineer
+ Automation Engineer
+ Embedded Systems Engineer
+ Control Systems Engineer
+ Electric Vehicle (EV) Engineer
+ Smart Grid Engineer
+ Instrumentation Engineer
+ Electronics Design Engineer

Electrical and Electronics Engineering

Mechanical Engineering

Career Aspects of Mechanical Engineering

+ Mechanical Design Engineer
+ Automobile Engineer
+ Aerospace Engineer
+ Robotics Engineer
+ Manufacturing Engineer
+ Thermal Engineer
+ Mechatronics Engineer
+ Production Manager
+ HVAC Engineer
+ Renewable Energy Engineer

Mechanical Engineering, a fundamental branch of engineering, serves as the backbone of technological advancements and industrial innovation. It plays a crucial role in designing, analyzing, and manufacturing mechanical systems that power various industries, from automotive and aerospace to robotics and energy. Our department is committed to excellence, offering a top-notch setup that includes advanced laboratories, cutting-edge research facilities, and a curriculum aligned with industry standards. With a strong emphasis on practical learning, computational simulations, and real-world applications, we nurture the development of highly skilled Mechanical Engineers who are equipped to solve complex engineering challenges and drive global innovation.

M.Tech (2 Years)

M.Tech in Computer Science and Engineering is a postgraduate program that provides advanced knowledge in computing, AI, cybersecurity, and emerging IT trends. It strengthens theoretical foundations while offering hands-on experience in software development, data analysis, and system design. Ideal for those specializing in machine learning, blockchain, big data, and cloud computing, the program equips graduates to solve real-world problems and excel in the global tech industry.

Career Aspects of M.Tech Computer Science and Engineering

+ AI/ML Engineer
+ Cybersecurity Architect
+ Data Scientist
+ Cloud Solutions Architect
+ Software Development Manager
+ Blockchain Developer
+ Big Data Engineer
+ IT Consultant
+ DevOps Engineer
+ Academician/Researcher

Computer Science and Engineering

Electronics and Communication Engineering

Our state-of-the-art RVSCET campus offers **world-class infrastructure** designed to foster **academic excellence and holistic development**. With **modern facilities, advanced laboratories, and smart classrooms**, we create a **dynamic learning environment** where students gain **technical expertise, problem-solving abilities, and hands-on experience**. Our curriculum seamlessly integrates **innovation, adaptability, and core values**, ensuring that students are prepared to excel in the ever-evolving world of technology and engineering.

Career Aspects of M.Tech Electronics and Communication Engineering

+ VLSI Design Engineer
+ Embedded Systems Engineer
+ Wireless Communication Engineer
+ IoT Solutions Architect
+ RF Engineer
+ Signal Processing Engineer
+ Automation Engineer
+ Chip Design Engineer
+ Networking & Telecom Specialist
+ Academician/Researcher

Recent Achievements

Second in Megalith-2024

Second position bagged by the students of department of Civil Engineering. Deptartment at one of India's biggest Civil Engineering Tech-fest MEGALITH-2024 organised by IIT Kharagpur.

First in Megalith-2023

First position bagged by the students of department of Civil Engineering at one of India's biggest Civil Engineering Tech-fest MEGALITH-2023 organised by IIT Kharagpur.

Idea-Pitching Competition by Jharkhand University of Technology, Ranchi

Jharkhand University of Technology, Ranchi, hosted an Idea Pitching Competition under the Viksit Jharkhand and Viksit Bharat Mission.

Four teams from RVSCET, Jamshedpur, emerged as winners and received seed funding to develop their ideas into prototype models and eventually into final products.

(Digimazdoor)
Fahad Mahmood
Department of MCA

(Febriblock)
Md. Ashab Siddiqui / Abhishek /
Taniya Zafar / Amisha Kumari
Department of BCA

(Rootcart)
Gursharan Singh / Sumit Ghosh /
Nikki Kumari Singh / Sumit Kr. Singh /
Irfan Khan
Department of BCA

**(Integrated active dynamic
suspension and safety control
system for preventing train
derailments)**
Himanshu Kumar / Saurya Veer
Department of ECE

Industry Collaborations and MoU's

At **RVSCET (RVS College of Engineering and Technology)**, we are committed to maximizing industry integration throughout the entire span of a student's education. Our objective is to ensure that every student is equipped with the skills and knowledge necessary to be **industry-ready from day one**. Understanding that our graduates go on to contribute to both industry and society, RVSCET emphasizes an **industry-driven curriculum** and **continuous industry interaction** during their academic journey.

Our strong **industry-academia** collaboration plays a pivotal role in the development of our students. By involving industry experts in curriculum design, practical training, and skill development, we align student competencies with evolving industry requirements. This close partnership ensures that **placement opportunities are seamlessly facilitated**, often before the completion of their academic programs.

In pursuit of this vision, RVSCET has established multiple models of **industry collaboration**, including **Memoranda of Understanding (MoUs)**, **academic alliances, and centres of excellence**. These partnerships not only enhance the learning experience but also deepen and enrich the practical exposure and industry relevance of our education programs.

Our Industry Collaborations & Placement Partners include:

ARF Design Pvt. Ltd.
ARF Established a CSR funded VLSI lab and provides professional training to students along with placement assistance.

Jamna Auto Industries Limited
Offers internships and apprenticeship opportunities to enhance industry exposure.

NathCorp Pvt. Ltd.
Conducts student development programs and recruitment drives to support career growth.

Bhive Design Pvt. Ltd.
Actively supports the college in placement activities, helping students secure job opportunities.

Quality Austria Central Asia Pvt. Ltd.
Engages in training and hiring candidates for industry roles.

Suresh Chip Semiconductor Pvt. Ltd.
Conducts online and offline seminars, providing skill training and facilitating recruitment drives.

Ekin Techprudent Pvt. Ltd.
Established a CSR-funded lab, delivers expert training, and supports candidate hiring initiatives.

Switching AVO Electro Power Ltd.
Set up a CSR-funded lab and offers specialized technical training to make students industry-ready.

Arna Tech Consultant Pvt. Ltd.
Supports various training and placement activities to empower students for future careers.

Centre of Excellence (CoE)

RVSCET has set up Centres of Excellence to bridge the gap between academics and industry. These CoEs offer hands-on training, exposure to advanced technologies, and industry-relevant skills. Through specialized labs and expert guidance, students gain technical expertise and professional readiness, fostering innovation and industry collaboration.

VLSI Lab – IC Analog Design Centre Provides specialized training in chip designing, equipping students with cutting-edge VLSI skills.

UltraTech Cement Limited – Centre of Excellence for Sustainable Construction Materials Supports and facilitates civil engineering students in learning about the latest trends in sustainable construction materials.

Switching AVO Electro Power Lab – UPS / Solar Power / Energy Saving Solutions Centre Nurtures the technical potential of electrical and electronics engineering students, preparing them for careers in power and energy sectors.

AI Skills Lab – In collaboration with Dell and Intel. This advanced technology lab enables students to develop AI skills and meet the current demands of the AI industry.

Academic Collaborations & MoU's

RVSCET partners with leading national and international universities to promote academic exchange, joint research, and curriculum development. These collaborations offer students global exposure, encourage innovation, and support holistic academic growth.

Infrastructure University
Malaysia
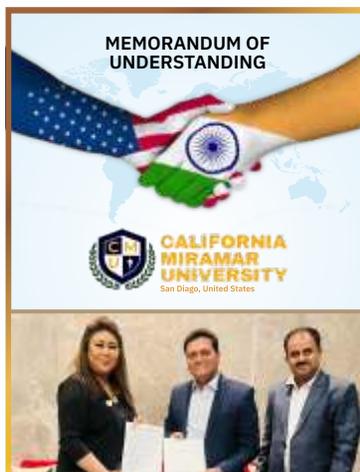
California Miramar University
United States of America
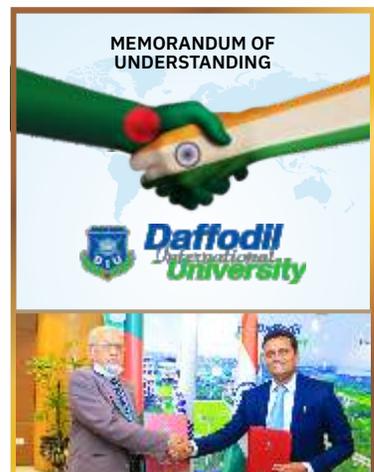
Daffodil International University
Bangladesh

Shinawatra University
Thailand

NIT
Jamshedpur

Jamshedpur Women's University
Jamshedpur

Sandip University
Maharastra

UCET
Hazaribag

Industrial Visit

One Week One Lab @ CSIR-NML (Academia Meet)

CSIR-NML Jamshedpur organized the **"One Week One Lab (OWOL)"** program**,** under the Ministry of Science & Technology. As part of CSIR's nationwide campaign to showcase technological innovations, the event included an **Academia Meet** for knowledge collaboration and a poster presentation on the theme **"Metals and Alloys for the Growth of the Nation."** Civil Engineering students from RVSCET Jamshedpur participated in the event.

Industrial Visit to Chandil Dam: Practical Learning

The Department of **Civil Engineering** had organized two industrial visits for the students **to Chandil Dam, Jharkhand** . The students learned about the various elements of dam and its operation and uses.

Industrial Visit to Ganjia Barrage: Practical Learning

The Department of Civil Engineering had organized an industrial visit Ganjia Barrage, Gamharia, Jharkhand. The students learned about the construction and operation of the Barrage.

ReConnect @ RVSCET

BENGALURU

CHAPTER

Held on 21st April 2024, the RVSCET Alumni Meet in Bengaluru brought together alumni from the city and nearby areas. It was a nostalgic reunion, fostering renewed connections and cherished memories.

Alumni Meet 2024

On 20th December 2024, RVSCET hosted its Alumni Meet at the Jamshedpur campus. The event celebrated lasting bonds, shared pride, and the enduring RVSCET spirit. Alumni relived old times and explored opportunities to contribute to their alma mater's growth

Recent Placements

MRF — Arshdeep Singh	ETPL — Aman Kumar	SARLAL — Saket Kurmar Jha	INOX AIR PRODUCTS — Pankaj Behra	eco space — Siddhi Bhumika
Aman Kumar	iB Arts Pvt. Ltd. — Fahad Akhtar Khan	ARF DESIGN PVT. LTD. — Puja Kumari	SURYA INTERNATIONAL ENTERPRISE — Himanshu Kumar	

Scan and see full placement details at website ▶

Recent Conferences, Seminars & Workshops

2nd Springer International Conference on "Emerging Technologies in Artificial Intelligence, Iot and Blockchain" (ICAII-2024) was held on **25th-26th October, 2024** at RVSCET, Jamshedpur.

5th IEEE-International Conference on "Recent Trends in Computer Science and Technology" (ICRTCST-2024) held on **15th-16th April, 2024** at RVSCET, Jamshedpur.

1st Springer International Conference on "Artificial Intelligence and Internet of Things" (ICAII-2022) was held on **4th-5th April, 2023** at RVSCET, Jamshedpur.

4th IEEE-International Conference on "Recent Trends in Computer Science and Technology" (ICRTCST-2021) held on **11th-12th February, 2022** at RVSCET, Jamshedpur.

Design Thinking, Critical Thinking and Innovation Design Based on Advanced IoT and its Applications was held on **2nd-6th October, 2024** at RVSCET, Jamshedpur.

5 Days hands-on session and Value Added Program on Advanced IoT and its Application organized at RVSCET, Jamshedpur.

NSS Wing of RVSCET

"Not Me, But You"

The NSS wing at RVSCET instills social responsibility and community service in students. Through outreach programs, it promotes nation-building, environmental awareness, and personal growth. NSS fosters leadership, teamwork, and a spirit of selfless service, shaping responsible and compassionate future leaders.

Environmental Awareness Programme

The NSS Wing of RVSCET conducted a tree plantation drive, sapling distribution, and awareness sessions on water conservation and disease prevention at **Simuldanga High School, Jamshedpur**, inspiring students to embrace eco-friendly practices.

Plantation Drive

On 17th September, the NSS Wing of RVSCET organized a **One-Day Special Plantation Drive** as per AICTE guidelines. With active participation from students, faculty, and dignitaries, **300+ native saplings** were planted across the campus, promoting sustainability and ecological awareness.

Puja Ghat Swachhata Programme

On 18th October, the NSS Wing of RVSCET led a **clean-up drive at Puja Ghat, Subarnarekha River, Mango, Jamshedpur.** Volunteers, faculty, and locals worked together to remove waste and promote hygiene. Awareness sessions emphasized keeping water bodies pollution-free, fostering community responsibility for a cleaner environment.

Blood Donation Camp

On 6th December, the NSS Wing of RVSCET, in collaboration with **MGM Blood Bank, HDFC Bank, and Lions Club, Jamshedpur**, organized a **Blood Donation Camp**. With **115 units donated from 300 registrations**, the event raised awareness about voluntary blood donation. Donors received certificates and gifts, promoting social responsibility and compassion on campus.

Filaria Awareness & Medicine Distribution

On 22nd February 2025, the NSS Wing of RVSCET, in collaboration with **Shobha Sahay Trust**, organized a **Filaria Awareness & Medicine Distribution Program** at the Institute Auditorium. Over **240 participants** attended sessions by health experts on filariasis prevention, followed by the efficient distribution of medication under the guidance of **Dr. Dilip Kumar Haldar** and NSS Programme Officers.

Alumni Testimonials

Every challenge I faced during my journey at RVSCET brought me one step closer to success. The learning experience wasn't easy, but it made the achievements worthwhile.

Bittu Kumar Prasad
Senior Application Developer
Oracle India Pvt. Ltd.
ORACLE

The curriculum at RVS College offers a balanced mix of theory and practical learning, covering key industry domains. With expert faculty and modern labs, it provides a solid foundation for a successful career.

Prashant Kumar
Technical Consultant
Microsoft

The education at RVSCET combines theory and practice, developing strong professional skills. With expert faculty and modern facilities, it fosters creativity, problem-solving, and hands-on experience for career success.

Shahbaz Alam
Tech Lead
TATA TECHNOLOGIES

My journey at RVSCET was transformative, guided by exceptional mentors. The program provided technical expertise, hands-on experience, and valuable insights that shaped my career.

Jagmohan
Business Analyst
duroflex

+ Many more on website...

Transform Your Ambitions into Reality with B.Tech & M.Tech

✓ **Highly qualified faculty** with industry experience
✓ **Project-based learning :** using advanced tools & real-world applications
✓ **Excellent placement track record :** in top companies
✓ **Skill-oriented & interdisciplinary training :** for holistic growth
✓ **Industry tie-ups (MoUs) & internships :** for practical exposure
✓ **High-speed Wi-Fi :** across the campus
✓ **24x7 medical facility** for students
✓ **Safe hostel accommodations** for boys & girls
✓ **Women's Safety Cell & Anti-Ragging Squad**

Infrastructure and Facilities

Hostels & Residential Facilities :
- **5 Secure Hostels** (2 for girls, 3 for boys) with **260+ capacity each.**
- **Faculty Quarters & Director's Bungalow** for academic staff.

Academic Blocks :
Lecture Theatres, Smart Classrooms, Labs, Seminar Halls, and a **Well-Equipped Auditorium.**

Library (25000+ Books and Journals) :
- **Digital Library** & **NAS Storage**
- **Latest Books, E-Journals,** & **Research Publications**

Campus Pulse:
- **NSS Social Initiatives :** Blood donation drives & community service.
- **Cultural Club (Tarangini) :** Annual cultural events & talent showcases.
- **Media Club (Xpectra) :** Student-led journalism & photography.
- **Tech & AI Club (HELIX) :** Workshops, hackathons & innovation challenges.
- **IoT & Robotics Club (Circuition) :** Hands-on projects in IoT, drones & robotics.

Key Features

**Artificial Intelligence Lab (AI) | VLSI Lab
Digital Library Room | NPTEL Server
Group Discussion Room | Alumni Lounge
Open Gym | Training & Placement Room
Badminton Courts | Volleyball Courts
Cricket Grounds | Football Grounds
The Food Café - Hungout**

Annual Events:
1. Fresher's Day (Prarambh)
2. Sports Meet (Frolic)
3. Tech-Fest (Provenance)
4. Industry Conclave
5. International Conference & Seminars
6. Job Fair (BOPT)
7. Coffee with Parents
8. Graduation & Farewell Ceremony

CAMPUS PULSE

Annual Events

Our Training & Placement Partners

tcs TATA CONSULTANCY SERVICES · Cognizant · UltraTech CEMENT The Engineer's Choice · TATA TECHNOLOGIES · wipro · RSB

SIEMENS · LARSEN & TOUBRO · MRF · DAIKIN · maventic · Automotive Axles Ltd.

Zenus Group · Mphasis The Next Applied · AMALGAM STEEL · SARLAL ENGINEERING LIMITED · THRIVENI EARTH MOVERS · Ramkrishna Forgings Limited

ARF · RASHMI GROUP · NATHCORP · ETPL · SURYA INTERNATIONAL · qualityaustria Succeed with Quality

ZF Commercial Vehicle Solutions · MapmyIndia · SHRIRAM Capital · JAI Jamna Auto Industries Ltd. · coditas · Collabera

CSM technologies · SUTHERLAND · AVO UPS | SOLAR POWER | ENERGY SAVING SOLUTIONS · ROSA · Matrix Media · Teqfocus

indus TOWERS · Tulip · Kreeti Technologies · iB Arts Pvt. Ltd. TURNING YOUR IMAGINATION TO REALITY · ITOBUZ TECHNOLOGIES · TowaSo

· DRIVE DRIVEN · INOX AIR PRODUCTS · SILVERTON METALS CORP · Zenith Forge · DeltaX

Many More++

College at a Glance

45+	3900+	86%+	50+
TOP RECRUITERS VISITING EVERY YEAR	STUDENTS PLACED SUCCESSFULLY AND COUNTING...	PLACEMENTS THIS YEAR	MoUs WITH RECRUITERS & ACADEMIC PARTNER

MORE THAN **1 CRORE** SCHOLARSHIP IN SELECTED COURSES EVERY YEAR

Other Courses @ RVSCET:

Diploma in Engineering

Civil Engineering
Electrical Engineering
Mechanical Engineering
Mechatronics Engineering

BBA - Specializations -
Digital Marketing | HR Management | International Business

BCA - Specializations -
Artificial Intelligence | Cyber Security | Data Science

MCA - Specializations -
AI/ML | Cyber Security | Data Science | IoT

Campus Address:
Edalbera, PO-Bhilai Pahari, NH-33, Jamshedpur-831012, Jharkhand.
Ph: 7033000777 | 9334649779

City Office Address:
Binda Apartment, Mills Area, Sakchi, Jamshedpur-831001. Jharkhand.
Ph: 0657 2435439 | 9334649779

Scan QR Code For Download The Brochure

If you have any query, mail us at: ✉ info@rvscollege.ac.in