



**RV  
UNIVERSITY**

*Go, change the world*

*an initiative of RV EDUCATIONAL INSTITUTIONS*

**Mysuru  
Campus**

## **School of Pure and Applied Sciences**

**Science. Innovation. Opportunity.**

**SOPAS**



RV University (RVU) is a new-age university for liberal education. It was established by the Rashtreeya Sikshana Samithi Trust (RSST), which carries a legacy of over eight decades of excellence in higher education. RVU is a State Private University under the RV University Act, 2019. It has received all necessary regulatory approvals from the Government of Karnataka and the University Grants Commission (UGC).

RVU began its journey with a flagship campus in Bengaluru and is now opening a 42-acre campus in Mysuru, comprising five foundational schools: the School of Engineering, the School of Management, the School of Pure & Applied Sciences, the School of Psychology & Behavioural Sciences and the School of Pharmacy.

## About the School of Pure and Applied Sciences (SoPAS)

At the School of Pure and Applied Sciences, we are dedicated to advancing fundamental science and promoting innovative research that addresses societal development goals. Our mission is to nurture “scientist-innovators” capable of leveraging novel technologies based on foundational research. Students at SoPAS will engage in an advanced, research-driven curriculum designed to foster international collaborations, and hands-on experience through internships. Our approach is aimed at developing not just technical expertise but also critical thinking and entrepreneurial skills, preparing graduates for impactful careers across academia, industry, and government.

### Message from the Pro Vice Chancellor & Director – Mysuru Campus, RVU



**Prof. (Dr.) Dwarika  
Prasad Uniyal**

**Dear Students,**

It is my pleasure to welcome you to the School of Pure and Applied Sciences (SoPAS) at RV University Mysuru. SoPAS is a research-driven academic ecosystem that blends strong foundations in the sciences with emerging technologies and interdisciplinary inquiry. Our programmes emphasize rigorous teaching, experiential learning, and early immersion in research through hands-on laboratory work, computational modelling, and project-based learning. We aim to nurture Scientist Innovators who combine deep disciplinary knowledge with the ability to translate scientific ideas into real-world impact.

“At SoPAS, we nurture Scientist Innovators who transform strong scientific foundations into impactful solutions.”

This vision is strengthened through sustained research exposure, close mentorship by active researchers, and alignment with NEP 2020. State-of-the-art laboratories, advanced computational infrastructure, and strong industry and global partnerships enable internships, collaborative projects, and clear pathways to advanced studies and innovation-driven careers. Alongside academic excellence, SoPAS emphasizes ethical reasoning, communication skills, and entrepreneurial thinking to prepare graduates for leadership roles in research, academia, start-ups, and knowledge-intensive industries.

## WHY SoPAS at RVU?

1. Experience a multidisciplinary, NEP 2020-aligned teaching-learning ecosystem that integrates experiential learning, research, and outcome-based education.
2. Learn under the mentorship of active researchers and gain early exposure to hands-on research through projects and lab immersion.
3. Train in state-of-the-art laboratories focused on quantum technologies, advanced materials, nanoscience, biotechnology and computational modelling.
4. Engage with a strong industry and research network, securing curated internships, industry projects, and collaborative research opportunities.
5. Build pathways to diverse high-growth careers in academia and innovation driven industries of tomorrow.

## Programmes Offered

### UG Programmes

**B.Sc. (Hons.)** Chemistry – Polymer Chemistry | Pharmaceutical Chemistry  
**B.Sc. (Hons.)** Physics – Astrophysics | Quantum Technology  
**B.Sc. (Hons.)** Life Sciences – Bioinformatics | Molecular Biotechnology  
**B.Sc. (Hons.)** Food Technology – Dietetics & Nutrition  
**B.Sc. (Hons.)** Computational Mathematics

### 5 Years Integrated Programmes

**M.Sc.** Chemistry – Polymer Chemistry | Pharmaceutical Chemistry  
**M.Sc.** Physics – Astrophysics | Quantum Technology  
**M.Sc.** Life Sciences – Bioinformatics | Molecular Biotechnology  
**M.Sc.** Computational Mathematics

## Career Pathways

| Specialization            | Job Roles / Titles   | Major Industry Sectors                                |
|---------------------------|--|---|
| Astrophysics              | Research Scientist, Quantum Engineer, Space Scientist, R&D Specialist      | Aerospace, Quantum Tech, Semiconductors, Semi-fab R&D |
| Quantum Technology        |  |   |
| Polymer Chemistry         | Chemical Analyst, Polymer Scientist, Pharmaceutical Scientist, Lab Manager | Polymers, Pharma, Materials                           |
| Pharmaceutical Chemistry  |  |   |
| Bioinformatics            | Biotech Scientist, Data Scientist, Bioinformatician, Research Manager      | Biotech, Healthcare, Genomics                         |
| Molecular Biotechnology   |  |   |
| Computational Mathematics | Data Scientist, Modeler, Analytics Specialist, Quantitative Analyst        | IT, Finance, applied Math                             |
| Dietetics and Nutrition   | Food Technologist, Quality Analyst, Nutritionist, Dietician                | Food Processing, Health, FMCG                         |

### *Scientist Innovators*

#### Research & Internships

Enhance practical understanding and workforce readiness



#### Specialization Courses

Deeper dive into specialized areas



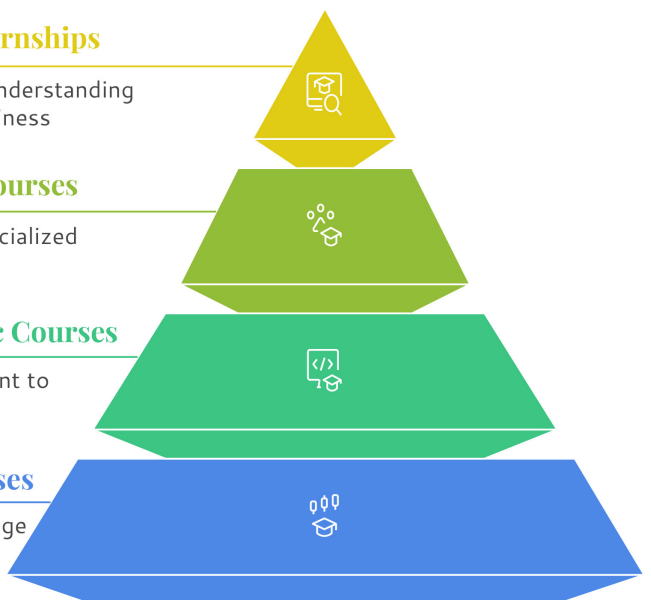
#### Program Specific Courses

Targeted skills relevant to chosen fields



#### Foundation Courses

Solid base of knowledge for all students





## Collaborations and Partnerships



Discover your future at SoPAS RVU Mysuru:  
Science. Innovation. Opportunity. Apply Now!

### ADMISSION PROCESS

Merit Scholarships Available



**STEP - 01**  
**Complete Online Application**  
Select the course and fill out the application form. Apply online  
<https://admissions.rvu.edu.in/>



**STEP - 02**  
**RVU Selection Process**  
Complete the course-based selection process



**STEP - 03**  
**Selection Letter Issued**  
Subject to fulfillment of eligibility and admission process



**STEP - 04**  
**Programme Registration**  
On receipt of registration fee as specified in the selection letter



**STEP - 05**  
**Provisional Admissions Letter**  
Issued upon completion of the selection process



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Scan to apply

**City office:** RV University Mysuru, Admissions Office, Brigade Point, 3rd Floor, Gokulam Road, VV Mohalla, Mysuru. Karnataka 570002

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