4 UG Programs

About RV Institute of Technology and Manaement

Rashtreeya Vidyalaya Institute of Technology and Management (RVITM) established in 2019 under Rashtreeya Sikshana Samithi Trust (RSST). At RV Institute of Technology and Management (RVITM), we put great emphasis on incorporating Information and Communication Technology (ICT) in our education. All the programmes we offer are specially designed to help students gain an inch-depth understanding of the latest technologies advancement through a stimulating and engaging learning environment.

We believe that this approach gives our students an edge over their contemporaries, enabling them to conquer the real world with confidence.

Vision

To impart top-quality technical education with global competence and societal commitment, leading to breakthrough innovations.

MISSION

Our mission is to nurture passionate engineers through experiential learning by providing state-of-the-art infrastructure, and ICT-enabled education.

UG Programmes Offered

SL. No.	PROGRAM	Year of Starting	Intake
01	Computer Science & Engineering	2019	120
02	Electronics & Communication Engineering	2019	60
03	Information Science & Engineering	2019	90
04	Mechanical Engineering	2019	30

Unique Features

- All ICT enabled Class Rooms
- Digital Smart boards
- Lecture Capture facility
- Lecture Videos shared the next day
- On line quizzes
- Google sites website for each and every Course (Subject)
- Lesson Plan, About the faculty
- Soft copy of the course Notes/PPTs
- University question papers
- Laboratory manuals etc

RV Institute of Technology and Management

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

About The Department

Year of Establishment 2019
Sanctioned intake 120

Total Number of Faculty : 19	Number of Faculty with Ph.D. : 09
Number of Professors : 02	
Number of Associate Prof.: 04	Number of Faculty Pursuing Ph.D. :09
Number of Asst. Prof: 13	

Year	CET Rank			COMEDK Rank		
	GM		Overall	GM		Overall
	High	Low	Low	High	Low	Low
2021	2707	7757	70931	3333	3877	28679
2020	1637	63610	122234	1033	22435	35756
2019	3105	6011	128741	2363	8564	35756

Research Domains

- ✓ Artificial Intelligence
- ✓ Machine Learning
- ✓ Data Science
- ✓ Bio-Inspired algorithm
- ✓ Wireless Sensor Networks
- ✓ Block Chain Technology
- ✓ Big Data
- ✓ Robotic Process Automation
- ✓ Natural Language Processing
- ✓ Internet of Things
- ✓ Data Mining
- ✓ Knowledge Based Systems.

ACHIEVEMENTS

- ✓ Online Certifications Completed :38
- ✓ Internships : 37
- ✓ NPTEL Gold Badges: 02
- ✓ Conference Publications :18
- ✓ Coding Contests:02
- ✓ SIH 2022 Selected Teams: 02
- ✓ Shashank S 2nd Year student Developed a project titled, "A 3D Chemistry Lab for Engineering students"
- ✓ Achintya A 3rd Year Student won 3rd prize in VTU South Zone Tennis Tournament
- ✓ M V Sonali 2nd year Student won 3rd prize in VTU South Zone Hand Ball Tournament

Students Achievements

Publications

Journals	Conferences	Book Chapters	Patents
110	149	15	15

YEAR	Workshops Organized	International Conference Organized	Seminars / Webinars Organized	Technical Talks Delivered
2021-2022	06	01	14	10
2020-2021	04	01	12	08
2019-2020	02	-	01	02

Faculty Achievements

Initiatives

- ✓ Research & Development Center
- ✓ Center of Excellence for RPA
- ✓ RVITM CSI Student Branch
- ✓ NPTEL / Course Era Courses
- ✓ Coding Club/ Journal Club
- ✓ Industrial Visits
- ✓ Workshops / Training Programs

MOU's

Workshop/Hackathon

Smart India Hackhathon-2022

International Conference-2022

Full Stack Development Workshop

RV INSTITUTE OF TECHNOLOGY AND MANAGEMENT

IEEE RVITM STUDENT BRANCH STB60203427

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Year of Establishment: 2019

Sanctioned Intake: 60

Average Faculty Experience 14.7 Years

No. of Faculty Members: **15**

Faculty with Ph.D.: **12**

Professor: 01

Associate Professor: 02

Assistant Professor: 12

YEAR	CET Rank GM		COMEDK Rank GM	
	High	Low	High	Low
2021	5910	14506	11652	19309
2020	7000	30746	7130	36518
2019	4707	16831	9134	24961

👁 About the Department

Coursera / NPTEL courses completed — 12

Paper Published-02

Best Paper Award-01

Internships Completed-23

Training undergone -14

🎓 Student Achievements

- IEEE Student Branch
- Coursera and NPTEL Courses
- AICTE-edX Online skill-based courses
- Skill Enhancement Laboratory
- Industrial Visits
- Workshops / Training Programme
- ಕನ್ನಡ Skill Development Centre
- Research Centre

🔧 Initiatives

iFACTO ROBOTICS AND AUTOMATION — Ab Minim — Infosys Springboard — LOGINWARE

🤝 MoUs

Research Areas

- **Wireless Sensor Networks**
- **Internet of Things**
- **VLSI Design**
- **Machine Learning**
- **Communication**
- **Data Science**
- **Artificial Intelligence**
- **Photonic Sensors**
- **Nanoelectronics**
- **Electrical Systems**

🔍 Research Areas

Publications

Journal	Conference	Book Chapters
111	155	37

No. of Courses Attended	No. of Talks Delivered	No. of Workshops/Training Programme/Talks/FDP Organized
94	35	127

Academic Year	No. of Technical Talks/Webinars Organized	No. of Workshops Conducted	No. of Industrial Visits
2019-2020	2	2	2
2020-2021	4	-	1
2021-2022	12	2	1

🏅 Faculty Achievements

Concept to Product Development
Introduction to PCB Design

💡 Workshop

For enquiry: Dr. Prashant P Patavardhan   hodece.rvitm@rvei.edu.in / 08035095171

RV INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

About the Department

Established in 2019
Student Intake : 90
Average Faculty members experience : 16 years
100% Admission in all years. Paid Internships in MNCs.
Total number of Faculty members: 11
Total number of faculty with Ph.D: 04
Total number of faculty pursuing Ph.D: 07
Prof & HoD :1 , Asso. Prof: 2 , Asst.Prof :8

YEAR	CET Rank GM		COMED-K RANK GM		% Admission
	HIGH	LOW	HIGH	LOW	
2021	5804	11412	9044	12643	100%
2020	7786	68680	5181	28150	100%
2019	3355	66680	7282	15423	100%
AVERAGE ENROLLMENT PERCENTAGE					100%

Initiatives

Free Certification from International Universities and Industries

✓ **NPTEL Courses**
✓ **Coursera**
✓ **ACITE-edX Online skill based courses**
✓ **Mini Projects/Seminars**

Student Achievements

- Coursera / NPTEL courses completed : 37
- National Conference :02
- International conference :4
- Akash Kiran- Certified by Hackerrank & Bronze medalist in Hackerfest 2020
- Ms.Ankitha Kumari - Google supported talent sprint mentorship program

Faculty Achievements

Publications

Journal	Conference	Patent	Book Chapter
71	81	20	3

No. of courses Attended	No. of talks delivered	No. of Workshops/ training /program/ talk/FDP Organised	No. of Technical talks/Webinars Organized	No. of Hackathons Organized
7	14	8	17	1

MoUs

DALHAM LEARNING
eTHNUS
INTERNSHALA
Infosys
UiPath

Research Areas

- Machine Learning
- Deep Learning
- Sentimental Analysis
- Robotics Process Automation
- Wireless Sensor Networks
- Data Mining
- Cyber Security
- Big Data

R&D Center in Data Science & Cyber Security

Events

For enquiry: Dr. Latha C A
hodise.rvitm@rvei.edu.in / 080-35095100

RV INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF MECHANICAL ENGINEERING

Year of Establishment	2019
Sanctioned Intake	30
Average Experience of the Faculty	13 Years
No. of Faculty	14
No. of Faculty with Ph.D	13
No. of Faculty Pursuing Ph.D	01
No. of Professor	01
No. of Associate Professor	02
No. of Assistant Professor	11
No. of Faculty with IITs Ph.D	02
No. of Faculty with NITs Ph.D	07

About The Department

Publications of Faculty		No. of Courses Attended	No. of Talk Delivered	No. of Workshops/FDP Attended	Total
Journals	125				
Conferences	85				
Books Chapter	12				
Patent	02				
Total	224				
03	Workshop Conducted				
16	Technical Talk Conducted				
04	Industrial Visits	64	10	62	136
23	Total				

Faculty Achievements

- NPTEL Courses
- Mini Projects / Seminars
- Internships
- Hands-on-workshop for students
- R&D Centre

Initiatives

- KARNATAKA CO-OPERATIVE MILK PRODUCERS FEDERATION LTD. FACTORY & NIRMALA INDUSTRY
- AMBA INDUSTRIES, PEENYA INDUSTRIAL AREA
- LINGANAMAKKI POWER HOUSE & SHANTHALA SPHEROCAST

Industrial Visits

Hands-on-workshop on 3D Printing

- Bio-diesel
- Computational Fluid Dynamics
- Solar Energy
- Thermal Spray Coating
- 3D Printing
- Simulation of Metal Casting
- SPD of Alloys
- Advanced Manufacturing
- Tribology
- Materials Processing Techniques
- Composites

Research Area

Publications of Students

Conferences	08
Poster Presentation	06
Total	14

NPTEL Courses Completed	04
Internship	10
Total	14

Student Achievements

Dr. S. Ramesh (PI) and Dr. C. Durga Prasad (Co-PI)	Rs. 8, 00, 000/- (Rupees Eight Lakhs only) funds sanctioned by VTU, Belagavi on 18.02 2022
Dr. C. Durga Prasad (Co-PI)	Rs. 9, 00, 000/- (Rupees Nine Lakhs only) funds sanctioned by VTU, Belagavi, 18.02.2022.
Dr. C. Durga Prasad (PI)	Rs. 2,00,000/- (Rupees Two Lakhs only) Funds Sanctioned by VTU, Belagavi Under TEQIP 3.0, 10.12.2019

Research Grants

TRINITY NDT

NDT SERVICES | CENTRE OF EXCELLENCE IN WELDING | TRAINING

DiFACTO
ROBOTICS AND AUTOMATION

MoUs

Mini Project Expo-2022

RV INSTITUTE OF TECHNOLOGY & MANAGEMENT®

DEPARTMENT OF BASIC SCIENCES

Physics

Faculty

Name	Designation	Qualification	Experience Teaching	Experience Research
Dr. Suresh Kumar MR	Associate Professor & HoD	M.Sc., Ph.D.	35	18
Dr. Srinatha N	Assistant Professor	M.Sc., Ph.D.	10	12
Dr. Sathya Sheela S	Assistant Professor	M.Sc., Ph.D.	04	16

Research Areas
- ❑ Single crystals
- ❑ Material science
- ❑ Theoretical Physics
- ❑ Thin films
- ❑ Nanomaterials
- ❑ Green synthesis
- ❑ Glass Science

Publications

Peer Reviewed Journals	60
Conferences	72

Faculty Achievements

No. of Certificate Courses	53
No. of FDPs	80
No. of Workshop / Conferences	50

Chemistry

Faculty

Name	Designation	Qualification	Experience Teaching	Experience Research
Dr. Rudresh Kumar KJ	Associate Professor & HoD	M.Sc., Ph.D.	17	12
Dr. Samrat D	Assistant Professor	M.Sc., Ph.D.	05	12
Dr. Prasad B E	Assistant Professor	M.Sc., Ph.D.	02	13

Research Areas
- ❑ Neurochemistry
- ❑ Biosensors
- ❑ Electrochemistry
- ❑ New Material Synthesis
- ❑ Environmental Chemistry

Funded Projects: 03 Completed 1.5L Ongoing 23 L.

Publications

Peer Reviewed Journals	60
Conferences	20

Faculty Achievements

No. of Certificate Courses	12
No. of FDPs	15
No. of Workshop / Conferences	30

Mathematics

Faculty

Name	Designation	Qualification	Experience Teaching	Experience Research
Dr. Gangadharaiah YH	Professor & HoD	M.Sc., Ph.D.	21	14
Dr. Sivasankar S	Assistant Professor	M.Sc., Ph.D.	17	09
Dr. Smitha TV	Assistant Professor	M.Sc., Ph.D.	14	07
Dr. Nagahabhusan P	Assistant Professor	M.Sc., Ph.D.	14	07

Research Areas
- ❑ Fluid Mechanics
- ❑ Graph Theory
- ❑ Finite Element Method
- ❑ Computational Mathematics
- ❑ Numerical Methods

Funded Projects: 01 Ongoing 3 Lakh

Publications

Peer Reviewed Journals	70
Conferences	25

Faculty Achievements

No. of Certificate Courses	26
No. of FDPs	50
No. of Workshop / Conferences	36

Human Resources*

Total No. of Faculty	70
Faculty with Ph.D. qualification	49
Faculty pursuing Ph.D.	21
Faculty with Industrial Experience	18
Visiting / Adjunct Faculty	04
Technical & Administrative Staff	34

Recent Achievements & Recognitions (Faculty)

Publications

Journals   - 77
Conferences   - 42

Online Activities Attended

FDPs   - 191
Workshops   - 57
Trainings   - 48
Courses   - 45
Technical talks   - 36
Conferences   - 08

Online Activities Organised

International Conferences - 02
Technical Talks   - 31
Workshops   - 24
Trainings   - 02
Hackathons   - 02

Books Published   - 20

Book Chapters   - 17

Funded Project Proposals Submitted   - 34

Patents Published/Awarded   - 42

Invited talks delivered   - 37

Facilities and Infrastructure

Seminar Hall

Auditorium

Seating capacity of 400

Data Center

Faculty Room

Board Room

Computer Networks Lab

Computer Graphics Lab

Heat Transfer Lab

Embedded System Lab

Machine Shop Lab

Forging & Welding lab

250 lts/hr RO Water Plant

Physics Lab

Chemistry Lab

IT Infrastructure - Software & Hardware

Department	Application Software
ECE	MATLAB
ME	Solid Works Ansys WorkBench MSE Nastran, Patran, Apex and Adams.

IT Infrastructure-Hardware	
Servers	4
Desktops	536
Access Points	60
Network Switches	50
Laptops	03

Physical Education & Sports - Facilities

Turf Court

FED-light Facility

Synthetic court

Cardio Sessions

Indoor Games

Gym Facilities

Library & Information Centre

Reading room with lights for convenient reading

Titles	Volumes	E-Books	E-Journals	National Journals (Print)
1127	6866	3469	6136	28

Students Achievements

International Conferences - 18
Journal Publications   - 10
Certification Courses   - 71
Internships   - 63

Skills Laboratory