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RV College of Engineering<sup>®</sup>



## CENTRE FOR NANOMATERIALS AND DEVICES

### About COE

The Centre for Nanomaterials and Devices (CND) at RV College of Engineering, Bengaluru, INDIA, was started in June 2022 to support academic and research programs in nanoscience and nanotechnology. The centre has established a strong collaboration with overseas and national nanomaterials experts in academia and industry. It has the state-of-art facilities in developing nanomaterials and characterisation. The focussed area of research includes nanomaterials/nanocomposites synthesis for energy, environment, electronics, electrical, telecommunication, mechanical, biotechnology, IoTs, smart devices, chemical and civil engineering applications. CND is also supporting in execution of research and development projects related to nanomaterials and devices funded by various agencies and is providing consultancy services to research institutes and industries. In addition to research, the centre also conducts international/national conferences, seminars, workshops and internship programmes on various themes of nanomaterials.

### Areas of Expertise

Nanoscale materials  
synthesis

Nanomaterials  
for Energy, Environment  
applications



Nanomaterials  
Characterisation

Nanomaterials for  
Biomedical, sensor  
applications

### Facility & Infrastructure

The center is well equipped with infrastructure and necessary instruments for nanomaterials synthesis and characterization. Centre has two electrochemical workstation instruments for supercapacitor, corrosion, and electrochemical sensor applications.

Autoclave  
Reactors



Muffle  
Furnace



Electrochemical  
Workstation



# Milestones

80+ International peer reviewed Journal Publications  
45+ Scopus/SCI/Web of science indexed Journal articles  
Q-1 articles = 18; Q-2 articles = 15; Q-3 articles = 08;  
PhD : 5 (Persuing); PG projects = 30; UG Projects = 20

## FOCUSSED RESEARCH AREAS



## Q1 rank journal publications



## Activity & Research Collaboration

### Internship



### Facility Access



### Industry Connect



### Projects



### Ideation & Prototype



## CONTACT

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