CVRCE at a glance ...
City of Temples

Bhubaneswar
CVRCE is

- Recognized as Autonomous Engineering College by UGC
- Recognized as ‘A’ Grade Engineering College by NAAC, UGC
- Accredited by NBA
- Recognition of Scientific and Industrial Research Organisations (SIROs) by DSIR
- Affiliated by All India Council for Technical Education, New Delhi
- Approved by N.S.D.C in consortium with SSEPL Skills Pvt. Ltd
- Active member of:
  - IUCCE, Bangalore
  - FICCI, New Delhi
  - CII, New Delhi
  - Indo-German Chamber of Commerce, Mumbai
09 Under Graduate & 11 Post Graduate Programs

**UG Courses**
- Applied Electronics & Instrumentation Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Telecommunication Engineering
- Information Technology
- Marine Engineering
- Mechanical Engineering

**PG Courses**
- MBA
- Applied Physics
- Applied Mathematics & Computing

**M.Tech Programs**:
- Chemical
- Computer Science
- Electrical (Power System)
- Electronics & Communication
- Food Technology
- Heat Power
- Information Technology
- Mechatronics
Name of the Organisations

- Bosch Rexroth, Germany
- IBM India Pvt. Ltd.
- Siemens, Germany
- FESTO Controls Pvt. Ltd.
- CoreEL Technologies India Pvt. Ltd.
- Institute of Himalayan Bio-resource Technology (IHBT)
- ED Co., Ltd, Korea
- KTeng, Korea
- NOVA South Eastern University
- National University of Laos
- The British Council, Kolkata
- Central Tool Room and Training Centre (CTTC)
- NVidia CUDA
C.V. Raman College of Engineering is approved by N.S.D.C in consortium with SSEPL Skills Pvt. Ltd., Bhubaneswar.

Currently running OSEMS (Orissa State Employment Mission of Society), “Hunar Se Rozgar Tak” and Multi Skill Programme under different sector skill councils.

Offering skill training programmes in 22 modules.

Already trained 1446 no. of students. Targeted to train 10000 no. of students in trades like Refrigeration & Air Conditioning, Automobile, Welding, Plumbing, Electrician & Hospitality etc.

Currently offering training in 04 centers and proposed to open 10 no. of training centers in different places within 01 year in Odisha and other States.
CVRCE in collaboration with various industries has set-up 14 nos. of Centre of Excellences in the different field of Engineering & IT to facilitate students for better employability among them.

BOSCH Rexroth Centre of Excellence

SIEMENS Centre of Excellence

FACT Gold Process Automation Centre

CoreEL VLSI Centre of Excellence

C. V. Raman Tool Room Training Centre

Centre of Business English Communication

IBM Software Centre of Excellence

Centre of Industrial Robotics

NVidia CUDA Teaching Centre

HVAC & Refrigeration Centre of Excellence

Centre for Remote Sensing & GIS

Centre of Schnider Electrical

Centre of Google

Centre of TATA Technologies
Centers of Excellence

- FACT Gold Process Automation
- BOSCH Rexroth Centre of Excellence
- SIEMENS Centre of Excellence
- CoreEL VLSI Centre of Excellence
- C.V.Raman Tool Room Training Centre
- Centre for Industrial Robotics
- HVAC & Refrigeration Centre of Excellence
- IBM Software Centre of Excellence
- Centre for Business English Communication
- NVidia CUDA Teaching Centre
- Centre for Remote Sensing & GIS
FACT Centre Gold for Process Automation at CVRCE

This is the one and only FACT Training Centre providing training on Process Automation in India.

Inaugurated on 10th March-2014
FACT Centre Gold for Process Automation at CVRCE

Imparts training programmes on:

- Automation
- Vacuum Generators
- Electrical & Modular Valve Terminals
- Gantry Loader
- Optoelectronic Checkbox Systems
- Electric Drive Automation
- Pneumatic Drives
- Servo-Pneumatic Positioning Systems
- Electrical Positioning Systems
- Vacuum Technology
- Control Technology

- Sensors
- Image Processing Systems
- Compressed Air Preparation
- Tubing and Tubing Connectors
- Vacuum Generator
- Handling and Positioning Systems,
- Valves Valve Terminals, etc
FACT Team Member Training at Germany
C. V. Raman Bosch Rexroth Centre of Excellence

Imparts Training programmes on:

- Hydraulics
- Pneumatics
- Electro-Pneumatics
- PLC, Mechatronics
- Robotics
- Sensorics
- Electrical and Electronics Hardware
- Control
- VFD (Variable Frequency Drive)

The program covers both class room and laboratory components recommended by Bosch-Rexroth, Germany
C. V. Raman Siemens Centre of Excellence

Imparts Training programmes on:
- Basic PLC (Simatic S-7 based)
- Basic AC/DC Drive
- Basic Switchgear/Motor
- Basic DCS (Simatic PCS-7 based).

Offers Training and Research facility in:
- Automation & related HMIs
- PLC, SCADA, DCS and related Hardware & Software.
- Variable Speed, Electronic Controlled AC/DC/Servo Drives.
- LV switch gear including Air Circuit Breakers Soft-Starter.
C. V. Raman CoreEL Centre of Excellence

Imparts training Programmes on:

- Digital VLSI design & FPGA implementation,
- Analog VLSI schematic design
- Layout and Parasitic extraction
- Advanced VLSI
- Embedded system design.

(Training on VLSI)
C. V. Raman Tool Room & Training Centre (TRTC)
C. V. Raman Tool Room & Training Centre (TRTC)

Imparts Training Programmes on:

- CNC Machines
- Flexible Manufacturing System with FANUC Robot Handling Cell
- Advanced Conventional Machines
- EDM, Wire EDM
- CATIA, PRO-E etc.
- Advanced CAD/CAM
- CAE & FMS Set-Up
- Coordinate Measuring Machine (CMM)
- Profile-projector, Tool Makers & Microscope etc.

(Flexible Manufacturing System)
C. V. Raman Centre for Industrial Robotics

Imparts Training Programmes on:

- Sensors
- Servo Motor
- Stepper Motor
- AC Motor
- Different Motor Drivers
- Industrial Robot
- Intelligent Robot
- PLC and building a robot

(Training on Industrial Robots)
Imparts training programmes on:

Commercial Refrigeration and Air Conditioning

Industrial Air Conditioning

PLC and Wiring Simulation of Refrigeration and Air Conditioning

Use of software for Psychometric analysis and cooling load computation

Industrial application of HVAC/R

( Training on Refrigeration and Air Conditioning )
IBM Software Centre of Excellence

Imparts Training Programmes on:

- Application Development using JAVA
- Information/Database Management
- Software Quality Management
- IT Service Management
- Embedded Systems Development
- Business Intelligence / Analytics
- Predictive Analytics
- Business Transformation using Service Oriented Architecture.

(Training on application development using IBM Software)
Imparting Training Programmes on:

Developing English Language Skills through the BEC

Certifies students on four language skills:

Listening
Speaking
Reading
Writing
NVDIA Cuda Training Centre

Imparts Training Programmes on:

Parallel programming using CUDA Programming

Internship programs with certification

(Training on Parallel Programming using CUDA Programme)
Imparts Training Programme:
In the state-of-the-art of technology of Geographic Information System (GIS) and Remote Sensing tailored towards natural resources management to the students.

(Training on Remote Sensing and GIS)
Major Research Area

Nanotechnology
Nano Materials synthesis and application
Bio-diesel synthesis, Characterization and Application
Renewable Energy
VLSI Design
Remote sensing and GIS Application
Image Processing
Refrigeration and cryogenics
Image Analysis and Computer Vision
C. V. Raman College Student Placement Cell helps students find employment and connects employers to qualified candidates. Students Employment Services staff also assists students and graduates with resume writing, interview preparation, researching company information and employment search questions.

A dedicated Placement Cell
BEC by British Council
Personality Development Programs for students
On and Off campus Recruitment facilities
Industry-Institution Interaction Programs
Top three IT giants Cognizant, Infosys and Wipro rolled out 500 offers out of 697 eligible students for 2015 and 552 out of 651 eligible students for 2016 batch in Day-1 slot.
Campus Placement

<table>
<thead>
<tr>
<th>Year</th>
<th>No. of Companies visited</th>
<th>Total no. of eligible students</th>
<th>Total no. of students placed</th>
<th>Percentage of students placed</th>
<th>Average Salary</th>
<th>Maximum Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>39</td>
<td>791</td>
<td>666</td>
<td>84.19</td>
<td>3 LPA</td>
<td>8.5 LPA</td>
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<tr>
<td>2017</td>
<td>31</td>
<td>692</td>
<td>421</td>
<td>60.98</td>
<td>3 LPA</td>
<td>5.6 LPA</td>
</tr>
</tbody>
</table>

Placement Statistics

- Robert Bosch
- Wipro
- Infosys
- Cognizant
- Tech Mahindra
- Caderploy Technologies
Campus Placement

**2014**
- No. of Companies visited: 43
- Total no. of eligible students: 741
- Total no. of students placed: 710
- Percentage of students placed: 95.55%
- Average Salary: 3 LPA
- Maximum Salary: 4.5 LPA

**2015**
- No. of Companies visited: 23
- Total no. of eligible students: 513
- Total no. of students placed: 427
- Percentage of students placed: 83.23%
- Average Salary: 3.0 LPA
- Maximum Salary: 8.5 LPA
## Alumni Excels with

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Alumni</th>
<th>Batch</th>
<th>Current Position/Achievements</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>AMIT SENAPATI</td>
<td>2007</td>
<td>MGR, Tata Consulting Engineers</td>
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<tr>
<td>2</td>
<td>ADITYA SIROHI</td>
<td>2006</td>
<td>Product Design and Architecture, Philips, Massachusetts</td>
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<tr>
<td>3</td>
<td>MANOJ DAS</td>
<td>2006</td>
<td>MGR., TATA MOTORS</td>
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<tr>
<td>4</td>
<td>SUBHRANSHU OJHA</td>
<td>2006</td>
<td>ASST. MGR., HINDALCO, ADITYA BIRLA</td>
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<td>5</td>
<td>NISHANT THAKUR</td>
<td>2006</td>
<td>PROJECT LEADER MICROSOFT</td>
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<td>6</td>
<td>KALINGA MOHANTY</td>
<td>2008</td>
<td>MANAGER, TATA STEEL</td>
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<td>7</td>
<td>M SHILPA</td>
<td>2005</td>
<td>Founder, Cash Gyan, Fort Lee, New Jersey</td>
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<td>8</td>
<td>ASHIQ MIRZA</td>
<td>2005</td>
<td>PROJECT MGR., Cognizant Technology Solutions</td>
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<td>9</td>
<td>ANSHUMAN DAS MOHAPATRA</td>
<td>2004</td>
<td>PROJECT MGR., MINDTREE, AUSTRALIA</td>
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<td>10</td>
<td>JYOTI PRAKASH DAKHINRAY</td>
<td>2004</td>
<td>People soft Functional HRMS, Price Water Cooper</td>
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<td>11</td>
<td>TAPAN JENA</td>
<td>2001</td>
<td>PROJECT MANAGER, SUN GUARD</td>
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<td>12</td>
<td>MAROOF EQUBAL</td>
<td>2005</td>
<td>RECRITMENT SPECIALIST STERIA GROUP, SAUDI</td>
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<td>13</td>
<td>BISWA BHUSAN DASH</td>
<td>2003</td>
<td>MANAGER, HCL-CISCO, SAN JOSE, CALIFORNIA</td>
</tr>
<tr>
<td>14</td>
<td>CHANDAN PRAHARAJ</td>
<td>2001</td>
<td>SR MANAGER, L&amp;T</td>
</tr>
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Thank You