

# CVRCE at a glance ...



**C. V. Raman College of Engineering**  
Bidyanagar, Mahura, Janla, Bhubaneswar - 752 054 (Odisha)

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## City of Temples



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## 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 :

- **IUCEE**, Bangalore
- **FICCI**, New Delhi
- **CII**, New Delhi
- **Indo-German Chamber of Commerce**, Mumbai



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## 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



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## 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



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# Skill Training

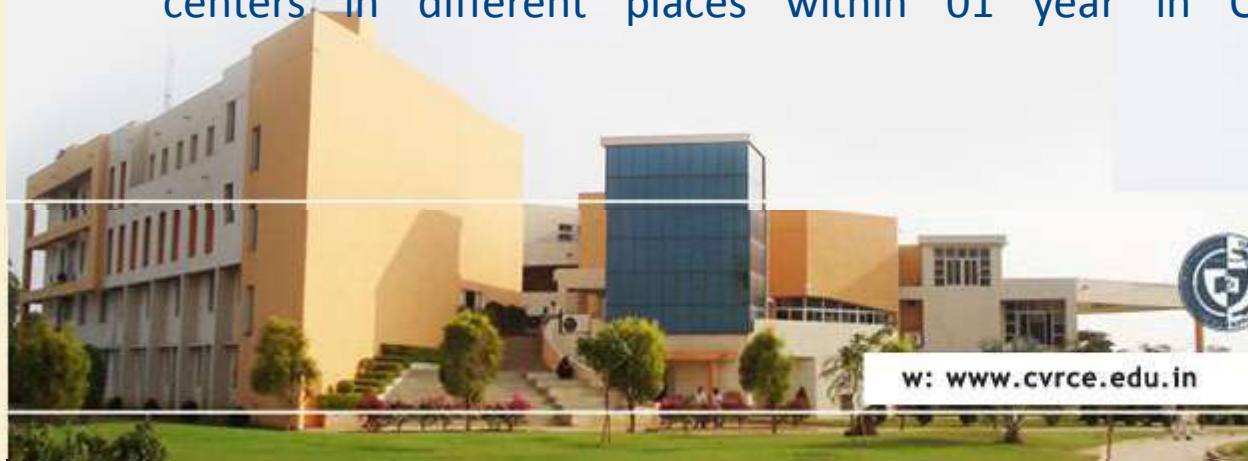
C.V. Raman College of Engineering is approved by N.S.D.C in consortium with SSEPL Skills Pvt. Ltd., Bhubaneswar.

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.



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# Centers of Excellence

CVRCE in collaboration with various industries has set-up 14nos. 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 Schneider Electrical**

**Centre of Google**

**Centre of TATA Technologies**



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# 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 10<sup>th</sup> March-2014



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# 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



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# FACT Team Member Training at Germany



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# C. V. Raman Bosch Rexroth Centre of Excellence



**(Training on Hydraulics)**



**(Training on Robotics)**

**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



(Training on DCS)



(Training on AC/DC Drive)

**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-Starters.



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# 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)



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



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



**(Flexible Manufacturing System)**



## 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.



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# 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)**



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# HVAC and Refrigeration Centre of Excellence



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 )



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# IBM Software Centre of Excellence



(Training on application development using IBM Software)

## 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.



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# Centre for Business English Communication



(English Language Skills)

Imparting Training Programmes on:

Developing English Language Skills through the BEC

Certifies students on four language skills:

Listening

Speaking

Reading

Writing



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# NVIDIA Cuda Training Centre



(Training on Parallel Programming using CUDA Programme)

Imparts Training Programmes on :

Parallel programming using CUDA Programming

Internship programs with certification



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# C. V. Raman Centre for Remote Sensing & GIS



(Training on Remote Sensing and GIS)

## 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.



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## 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



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# Training & Placement

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



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# Placement Achievements

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 .



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## Campus Placement

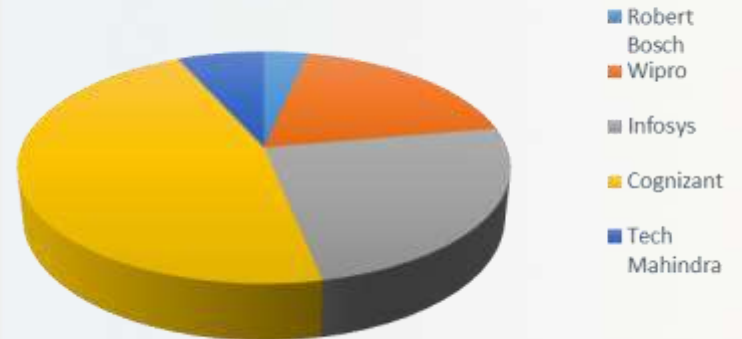
2017

No. of Companies visited	<b>31</b>
Total no. of eligible students	<b>692</b>
Total no. of students placed	<b>421</b>
Percentage of students placed	<b>60.98</b>
Average Salary	<b>3 LPA</b>
Maximum Salary	<b>5.6 LPA</b>

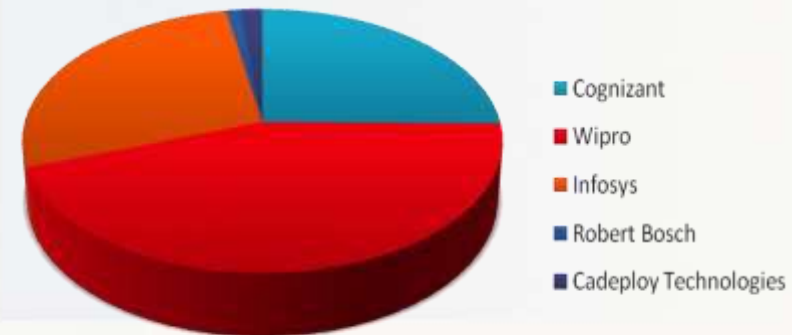
2016

No. of Companies visited	<b>39</b>
Total no. of eligible students	<b>791</b>
Total no. of students placed	<b>666</b>
Percentage of students placed	<b>84.19</b>
Average Salary	<b>3 LPA</b>
Maximum Salary	<b>8.5 LPA</b>

No. of Students Placed



No. of Placed Students



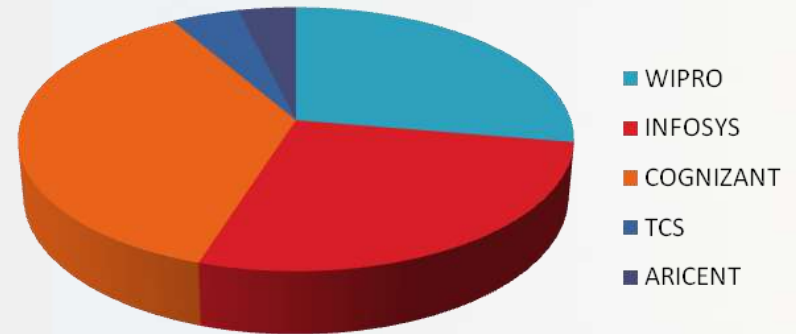
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## Campus Placement

2015

No. of Companies visited	<b>43</b>
Total no. of eligible students	<b>741</b>
Total no. of students placed	<b>710</b>
Percentage of students placed	<b>95.55</b>
Average Salary	<b>3 LPA</b>
Maximum Salary	<b>4.5 LPA</b>

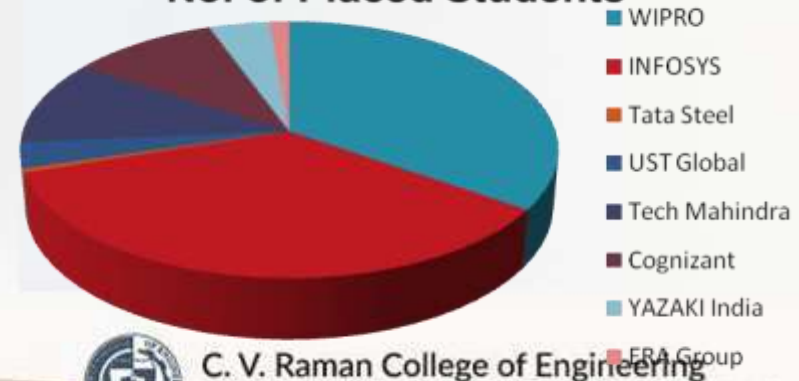
**No. of Placed Students**



2014

No. of Companies visited	<b>23</b>
Total no. of eligible students	<b>513</b>
Total no. of students placed	<b>427</b>
Percentage of students placed	<b>83.23%</b>
Average Salary	<b>3.0 LPA</b>
Maximum Salary	<b>8.5 LPA</b>

**No. of Placed Students**



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## Alumni Excels with

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

# Thank You



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