

THE CODEX

Computer Science & Engineering
Spring 2018



Chowdavaram, GUNTUR - 522019
Andhra Pradesh, India
Tele : 09491073317,18.
www.rvrjcce.ac.in



RVR & JC
College of Engineering
(Autonomous)

Department of Computer Science and Engineering



Vision

To produce globally competent engineers to cater the challenge computing needs of the society

Mission

To prepare graduates with

- Sound knowledge of Computer Science and Engineering discipline to solve real world problems.*
- Adequate skills and behaviour to exhibit code of conduct in their professional.*

About the Department

The R.V.R. & J.C. College of Engineering introduced the undergraduate program in Computer Science & Engineering (CSE) in 1994. Since its inception, the department has grown exponentially in the areas of student intake, quality of academic work and student achievements. The initial student enrollment was 30. Since then, the B.Tech programme has seen a gradual increase in the student enrollment, and current annual intake stands at 180. Taking the needs of the academic institutions and the industry into cognizance, the department of CSE started M.Tech programme in the year 2003. The current annual intake for the M.Tech programme is 25. This programme helps to enhance the quality of the academic atmosphere in the department. The department has excellent infrastructure to support the teaching learning process. More than half of the class rooms of the department have the integrated computer-assisted teaching systems. The faculty of the department utilizes these systems to deliver lectures effectively. A new training facility named E-class room was developed in the year 2009. The E-class room is one of a kind training facility capable of hosting 75 participants at a time and has one dedicated computer terminal for each participant. The latest equipment required for video conferencing and remote lecture delivery are available in the E-class room. The department of CSE also maintains the MOODLE, the learning management system for electronic distribution of lecture material, online references and question papers. The learning management system, MOODLE is also being used by the faculty members to conduct online examinations.



Program Educational Objectives

The engineering graduates are prepared to

- * Effectively apply mathematics, science, and engineering methodologies for analysis, design and implementation of real world problems.
- * Utilize breadth and depth of computer science, to adopt emerging tools and technologies for rapidly changing computing needs, of the society or for pursuing higher studies.
- * Demonstrate knowledge and understanding of professional responsibilities, and function in multi disciplinary environments, to have successful professional career.

Program Outcomes

Program outcomes are narrower statements that describe what students are expected to know and be able to do upon the graduation.

- * Engineering knowledge
- * Problem analysis
- * Design/development of solutions
- * Conduct investigations of complex problems
- * Modern tool usage
- * The engineer and society
- * Environment and sustainability
- * Ethics
- * Individual and team work
- * Communication
- * Project management and finance
- * Life-long learning

Student Activities

Achievements



(Y16CS973) V.Teja received Merit Scholarship



(Y16CS971) D.Viharika received first prize in academics



Y.S.Gopichand received prize from SICO
(Y16CS977)

Techclub is a student initiated club. Right from its inception, Students' have been organizing various intra department and inter department technical activities to enhance the skills of the students



Tech club

Presentations

- T Naga Sai Nikhil : Cloud Computing
- Y.S.Gopi Chand : Big Data Mining
- CH.V.Eswar Akhil: DNA Digital Storage
- CH.R.S.Jahanavi : Artificial Intelligence

Quiz

- D.Raghava Babu : Coding Quiz
- D.Viharika & V.Jyothi
- P.Bhavishya & D.Prathima : Technical Quiz
- K.Keerthi Sree & N.B.Goutham : General Quiz



Workshops



Awareness of Cancer towards students

Dr.B.RavindraBabu & Dr.M.V.P.C.Sekhar Rao was felicitating with memento

Connect your Dots program given by N.Akhil

Dr.M.SreeLatha was awarding N.Akhil with memento



NSS



- Students are actively involved in social activities through the NSS unit of the college.
- Students have created awareness about various schemes especially "Swachh Bharat" among the people and explained the benefits of the scheme to the people.
- Students acted as volunteers for 10 day krishna Pushkaralu.
- An awareness program was organized on "Digital payments" by the students for the rural people. They take part in the blood donor camp organized by NSS every year.



As a motive to help others, students started doing good deeds through one platform 'A Heart to help'. They conducted around 6 events and still continuing, visiting orphanages and giving them basic needs and to stay with them whole day to motivate them.



"We know that we can't change whole society, but we can be a part of change in the society".

Cis'soiree



Instamaze

The quiz tests the students programming skills & ability to code.

Two students can participate as a team. The prelims round consists of objective questions. The top 15 teams which qualified the prelims are allowed to participate in the finals

The final round consists of programming challenges. The teams which come out with the optimized solutions will be as the winners

Colloquy

Apart from the technical events, Colloquy was organized to bring out the students ability to think and express their ideas on the current issues in the society.

This consists of two rounds.

The first round is an elimination process; the best performers in the prelims are qualified for the finals.

A 30 minute session was given to discuss about the given topic and come out with a conclusion. The final decision will belong to judges.



Technofiesta

The theme of the round is to bring out the presentation skills of the students.

The students were given a span of 8 minutes to present their topic.

A 2 minute viva session tests the knowledge of the student about the paper presented.

The top chosen for presentation will also be considered for the Judgement Criteria.

The best presented with a good knowledge over the topic is declared as winner.



Cis'soiree

Scintilla

Two students can participate as a team

The prelims consists of general aptitude questions from which top 6 teams were selected

The next 4 rounds test the student's ability at different levels

The final round is the rapid fire round.

The top scorer of all the rounds is declared as the winner.



GO Plan

The objective of this event is to test the candidate's awareness about the recent happenings, logical ability, rapidness, creativity and approach towards the given situation, communication skills, involvement & justification for a solution. Thus bringing out the person with stuff.



Cis'soiree

Cis'soiree is a national level technical student meet organized every year to share ideas among the students. It is devised to improve the personality development, communication skills and leadership development. The event main idea is to improve the relationship with other students from different colleges in the region.



Workshops attended by Faculty Members: 2 Events, 10 Faculty

S.No	Seminars/Workshops	Industry	Organised by	Duration	Faculty Names
1	Workshop on "IOT"	APSSDC	Dept. of CSE, RVR&JCCE	12th- 14th Mar 2018	Dr.M.Sreelatha, K.Venkata Ramana, E.Ramesh, SJRK Padmini Valli V, D.Praveen kumar, B.Manasa, K.Aravinda, A.Rami Reddy.
2	FDP on "ORACLE –Database Programming with PL/SQL"	ICT Academy	Dept. of CSE, RVR&JCCE	29thJan -02nd Feb 2018	B.Varaprasad Rao, SJRK Padmini Valli V, M.Naveen

Seminars/Short Term Courses/Workshops/Student Meets conducted

Date	Speaker(s)/Judges	Topic/Event	Students/Faculty
19th -21st Feb 2018	---	Python Workshop	II/IV B.tech Students
5th -7th March 2018	---	Advanced Python Workshop	II/IV B.tech Students
15th -16th Feb 2018	APSSDC	AWS Cloud	IV/IV B.Tech Students
29thJan-02nd Feb 2018	Ritesh Jain, Trainer Oracle Academy	Oracle Database Programming with PL/SQL	CSE,IT & MCA Faculty members
12th-14th March 2018	APSSDC	Workshop on "IOT (Phase-1)	CSE &IT Faculty
17th -19th April 2018	APSSDC	Workshop on "IOT (Phase-2)	II/IV M.Tech CSE &IT Faculty

-> 33 students are certified in the 'i2E certification course' conducted by SDC

-> 36 students are certified in the 'i2E diploma program' conducted by SDC



Pool Parking

Team :
Nalluri Sujith
Challagolla Hemanth Sai Ram

An App based parking finder and facilitator totake the parking away for individuals,and help parking garages malls manage their spaces better and provide enhanced customer expirience.

Ad On Cups

Team :
pilaka Gourav
Gurram Geethandra Nag
Beeram Venkata Sai Teja

Ad On Cups helps advertiser reach their target consumers by placing ads on disposable paper cupsusedat the roadside tea stalls.Cups are supplied free to the stall owner.



Shadow

Team :
Bhargavi Ghanta
Manam Mallika
Mandapapu Sri Kalyan
Gummadi Sai Sree
N.V.S.Srikar
Sai Kumar Akkena

Shadow helps reduce cases of abduction and missing-personby using embedded technology to track, trace and help relocate the victims.

Community StartUp

Team :
Sunkara Basava Sai

We assist startups to succeed in their journey by providing market research and secondary data reports in their problrm domain and by closely working with themto navigate their pre-seed stage.



Placements&Higher Studies

A total of 103 students got placed in different companies.

A total of 9 students got qualified in Gate.

Apart from the placements,students had shown keen interest in pursuing higher studies.

A good number of students had been pursuing masters at different foreign universities.



The best programs are written so that computing machines can perform them quickly and so that human beings can understand them clearly.

A programmer is ideally an essayist who works with traditional aesthetic and literary forms as well as mathematical concepts, to communicate the way that an algorithm works and to convince a reader that the results will be correct.”

“Code is not like other how-computers-work books. It doesn't have big color illustrations of disk drives with arrows showing how the data sweeps into the computer. Code has no drawings of trains carrying a cargo of zeros and ones. Metaphors and similes are wonderful literary devices but they do nothing but obscure the beauty of technology.”

PRESENTATION SKILLS

This is not a computer science skill, but this is one of the most important skills that computer science students are missing. You must treat presentation as equally important, or more important than your program, design, and algorithms. And you must spend as much time learning presentation as you spent on programming languages, and computer science subjects. I'm sure you haven't done that, hence this item in my list You should know how to write well. Not just papers and documents, but much more importantly, emails, and blog posts, and facebook wall postings, and tweets. You must think about what the user/reader/client wants to know . And of course, you must know how to speak well. How to tell a story instead of listing some arcane facts about your work. How to leave out stuff that you find extremely interesting, but the listener doesn't.

CULTURAL & TECHNICAL (Student Achievers)

Y14CS977	Lakshmi Teja	Y15CS870	M.Meghana
Y14CS853	J.Kranthi Kumar	Y16CS964	V.Jyothi
Y14CS932	M.Ravi Chandra	Y16CS904	N.Lohith Sai
L15CS1014	V.S.Sujith	Y16CS805	Sai Krishna
Y15CS866	K.Nikitha	Y16CS844	G.Mourya
Y15CS866	K.Nikitha	Y17CS143	Suraj
Y15CS818	B.Pravallika	Y17CS177	Y.Neetika
L16CS1009	S Naga Jyothi	Y17CS026	Ch.Hemanth Lakshmi
Y15CS839	D.Mallikharjuna Rao	Y17CS071	K.Hema Rusha

TECHNICAL

Y15CS949	Sk Ashika	Technical Quiz
Y15CS884	M Soumya	Technical Quiz
Y16CS823	D Raghava Babu	Coding Contest
Y16CS815	CH V E Akhil	PPT(DNA Digital)
Y16CS977	YS Gopi Chand	PPT(DNA Digital)
Y15CS911	P Krishna Veni	Debugging
Y15CS911	P Krishna Veni	Quiz

PPT Design Contest

Prizes

Y15CS976	Y.Pavan Kumar	I
Y16CS913	M.N.S.Dharani Kumari	II
Y16CS971	D.S.S.Viharika	II
Y15CS824	CH.V.S.D.L Kiranmai	III
Y15cs845	Ujwala Sree	III

Learning Corner

- Learn python @www.codecademy.com
- App Designing @ Google code platform
- MIT open course ware: <https://ocw.mit.edu>
- Online Certifications: <https://in.udacity.com/>
- MathFundamentals: www.khanacademy.org
- Video Lectures:www.nptel.ac.in
- Online Programming contests: www.codechef.com
- Technical Q&A Preparation: www.geeksforgeeks.org
- Learn English: www.bbc.com/learningenglish

codecademy



Google
Developers



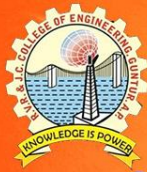
KHAN
ACADEMY



NPTEL



CODECHEF



THE CODEX
RVR & JC
College of Engineering
(Autonomous)

Computer Science & Engineering



Editor :

Dr.M.Sreelatha
Professor and Head of the Department
Ph: +91-8632359378
Email:hodcse@rvrjce.ac.in

Coordinator :

Ms. B.Prasanthi (Assistant professor)
Mr. SK.M.Basha (Assistant professor)

Chowdaram,Guntur-522019 Andhra Pradesh, India Tele : 09491073317,18. www.rvrjce.ac.in