THE CODEX

Computer Science & Engineering

Fall 2015

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

RVR & JC
College of Engineering
(Autonomous)

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 practice

Vision

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

About Computer Science 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 18. This programme helps to enhance the quality of the academic atmosphere in the department.A new training facility named E-class room was developed in the year 2009.The E-class room is one of the kind training facility capable of hosting 75 participants at a time and has one dedicated computer terminal for each participant.

The college and the department are well served by the central library. The central library has more than 5000 titles related to Computer Science and Engineering discipline. The central library has online subscription to various e-journals and INDEST (Indian National Digital Library in Engineering Science and Technology) consortium. The subscription provides online access to reputed engineering journals from professional societies like IEEE, ASME, ASCE, SPRINGER, ELSEVIER etc. There is also a dedicated department library to serve the needs of the department.

Program Educational Objectives

The graduates are prepared to

- Effectively apply mathematics, science, and engineering methodologies for analysis, design, and implementation of software solutions for real world problems.
- Explore breadth and depth of computer science to adapt emerging tools and technologies for rapidly changing computing needs of the society for employability 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

Freshers day

Freshers' day is all about interaction with seniors. It is to make juniors and seniors to mingle with each other and develop a friendly atmosphere. It is our official induction ceremony at college. Students leave no stones unturned to look their best. They showcase their talents to get a good impression from the seniors.

The president of Nagarjuna Educational Society "Dr. K. Basavapunniah" explained the mission and vision of the institute to the freshman.

The chief guests had given their valuable message to the students.

Engineers Day

The Engineering Community across India is celebrating Engineer's Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer Bharat Ratna "Sir Mokshagundam Visvesvaraya". "Engineering Challenges for Knowledge Era" is the theme of Engineers Day.

A 2 day event was organized, on which the students from department had shown their engineering models and presentations especially in networking technologies, Hardware, Security Issues, Gaming and
App development.

The new advancements in the IT industry were presented by the students.

The models on networking attracted a lot of interest from the attendees.

CM Visit

The entire college gave a warm welcome to the chief minister of Andhra Pradesh "Sri Nara Chandra Babu Naidu" for the Inauguration of the newly constructed "HighTech Block".

Later,The chief minister addressed the students and suggested them to showcase their entreprenur ship skills through the startup villages set up by the government.

He explained the incentives provided by the government for the young entreprenurs in the state.

He explained the importance of the skill development center in andhra pradesh.

The college has already started a skill development center in collaboration with the Goverment of Andhra Pradesh.

Sports

B.Pragna(Y12CS816) secured first place in Chess tournament conducted at Acharya Nagrjuna University.

G.Noel Pradeep(Y12CS830) secured first place in Tennis concucted at B.S.S.B Degree College, Tadikonda.

R.Appalu Naidu(Y12CS939) secured first place in Long Jump

T.Raveendra Reddy & Team secured third place in Volley Ball

A.Sri Harsha(Y12CS803),k.Krishna Teja(Y12CS871),K.Bhargav Teja(Y12CS883) and team secured third place in cricket at ANU Intercollege championship.

B.Pragna secured 3rd place in Chess at Chalapathi Institute of Pharmacetcal Sciences, Lam. ANUIC

Y.Vinay Kumar(Y12CS979) grabbed the first place in volley ball at VIVA VVIT Fest ñ2015-2016, VVIT, Namburu,

G.Noel Pradeep(Y12CS830) secured first place in tennis conducted at Bapatla Engg College,Bapatla.

“ A Trophy carries dust. Memories last for ever”

Workshops




Storage Area Networks

A guest lecture on Storage Area Networks by Sri D.Veera Prasad, Principal Consultant, Infosys, Plano City, Texas,USA on 19.12.2015 for III/IV B.Tech (C.S.E) to train them on the fundamentals of how data storage system has evolved from storage networks to big data technologies.

Internet of Things

A guest lecture on Internet of Things and how new technologies are replacing and evolving business models and opportunities by Sri Kareem syed, Regional Executive, Cognizant Technology Solutions, USA on 23.07.2015 for IV/IV B.Tech (C.S.E).







Big Job Hunting

A 2 day workshop was organized by Karumanchi Narsamiha for the students to create the awareness about the recruiting process. Mr.Narasimha had given tips and suggestions to crack the job easily in large MNC's
He explained the importance of the algorithms and data structures for cracking the job.

Information System Research

A guest lecture on Information System Research by Sri J.A.Chowdary, Co-chairman of FICCI Talen Sprint, Hyderabad on15.09.2015 for IV/IV B.Tech (C.S.E).




NCC

The National Cadet Corps plays a significant part in moulding a person's character. It fosters the spirit of teamwork and man-management and leads to the development of a more pleasing overall personality.

Activities in General:
Parades are regularly held to train the cadets in foot drill and command, Guard of Honour, weapon training, field craft, civil defense, map reading etc.

Activities in Camps:
An Annual Training Camp is held to further enhance and inculcate a feeling of independence in the cadets. Self defense training is also given. Military training with rifles is also provided.

Social Activities:
Various social activities are also organized to encourage the feeling of belonging to the society.

EXAM ID	Register no	Name	Year	Grade
APSD/2013/229860	Y12CS867	K. KRANTHI KUMAR	IV	"A"
APSD/2013/229861	Y12CS922	P.NAGASAI	IV	"A"
APSD/2013/229862	Y12CS952	T.RAVINDRA REDDY	IV	"A"
APSD/2013/229863	Y12CS979	Y EMINEDIVINAY KUMAR	IV	"A"

Inspiring us

Pichai Sundararajan, also known as **Sundar Pichai**, is an Indian American business executive.
Pichai is the chief executive officer (CEO) of Google Inc. Formerly the Product Chief of Google, Pichai's current role was announced on 10 August 2015, as part of the restructuring process that made Alphabet Inc. into Google's parent company, and he assumed the position on 2 October 2015.

Early life and education

Pichai was born in Madurai, Tamil Nadu, India. Pichai earned his degree from Indian Institute of Technology Kharagpur in Metallurgical Engineering.He holds an M.S. from Stanford University in Material Sciences and Engineering and an MBA from the Wharton School of the University of Pennsylvania, where he was named a Siebel Scholar] and a Palmer Scholar, respectively.

Pichai worked in engineering and product management at Applied Materials and in management consulting at McKinsey & Company.

Career

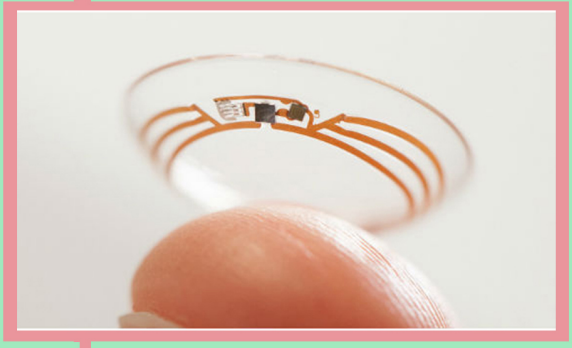
Pichai joined Google in 2004, where he led the product management and innovation efforts for a suite of Google's client software products, including Google Chrome and Chrome OS, as well as being largely responsible for Google Drive. He went on to oversee the development of different applications (apps) such as Gmail and Google Maps
Pichai was selected to become the next CEO of Google on 10 August 2015 after previously being appointed Product Chief by CEO, Larry Page. On 24 October 2015, he stepped into the new position at the completion of the formation of Alphabet Inc., the new holding company for the Google company family.]
Pichai had been suggested as a contender for Microsoft's CEO in 2014, a position that was eventually given to Satya Nadella.

Technical Advancments

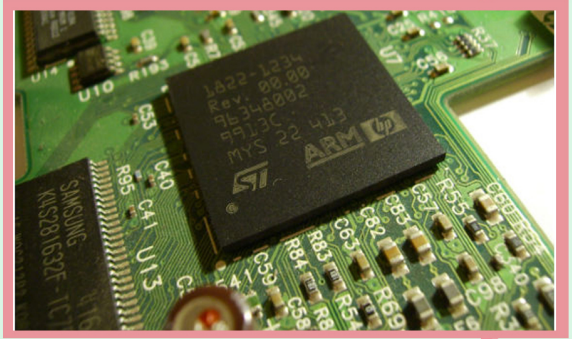
Each year, technology brings a wealth of advancement that could alter the future. Each one feels just as vital as the next, all in different ways and for different reasons.

Google's Contact Lenses Monitors Blood Sugar Levels

Google are taking their wearable technology ambitions even further with a smart contact lens—but it might not be quite what you think. It's not Google Glass plastered onto your eye. Instead of sending you Google+ notifications, its transmitters are used for an entirely different end goal: monitoring diabetics' tears for glucose. Google lens are being developed by Google X, the offshoot of the tech giant that handles their most ambitious and risky projects such as Glass and self-driving cars. These lenses see Google moving further into wearable technologies and crossing over into healthcare tech.—Jonathan Keane



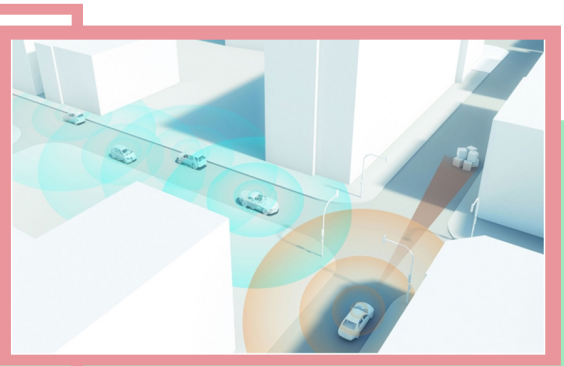
Computer Chips are Becoming More like Human Brains



The idea behind the development of neuromorphic chips is to make them a bit more like us—and in turn, make computers better at navigating and modeling human behavior. These neuromorphic chips, being developed by companies such as Qualcomm, are designed to perceive beyond just their programming, such as being able to process sensory data and react accordingly. It'll have a huge effect on robotics in the next few years and continue reshape the way we think of computers and our relationship with them.

Cars That Communicate with One Another

Much of the discussion about the intersection of cars and technology has, rightfully so, centered on self-driving cars. In 2015, though, we saw the emergence of car-to-car communication, technology that allows vehicles to broadcast speed, position, steering-wheel position, brake status and more to other cars. This lets the vehicles illustrate what's happening around them, meaning they could potentially alert drivers to an impending collision.



Self-Driving Cars Will Be Everywhere

When we talk about self-driving cars these days, we're not just talking about the one made by Google without a steering wheel. Everyone from Tesla to Audi are testing and

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