THE CODEX
Computer Science & Engineering
Spring 2014

Chowdavaram, GUNTUR - 522019, Andhra Pradesh, India
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RVR & JC
College of Engineering
(Autonomus)

Sports

Apart from the participations in technical events, our students have marked their presence in the sports with securing prizes at different Inter college competitions.

- P.V.S.Sathvik(Y10CS890), E.Sai Sumanth (Y10CS897) secured First place in Tennis Competition conducted at P.N.C & Vijay College of Engg., Repudi

- P.Deepika(y9cs822) secured First place in Badminton conducted at A.N.U

- T.Ravindra Reddy(Y12CS952) secured first place in volley ball at Malineni's Educational Institutions

- G.Noel Pradeep(Y11CS830), K.Teja Raj (Y12CS955) securd First place in Tennis Doubles at Acharya Nagarjuna Inter college Tournament.

“ Sports do not build character. ”
They reveal it.

Faculty Activities

- The faculty has been always striving to learn the current trends and new technologies to impart this knowledge to the students.

- The department have been providing necessary aide for the faculty to attend the work-shops.

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- A.Sri Nagesh has attended A National workshop on Instructional Design for E-Content during 21st -22nd Feb 2013 Organized by VNR VignanJyothi Institute of Engineering & Technology in collaboration with IIIT-Hyderabad,British Council.

- Dr.M.V.P.C. Sekhara Rao and Dr. M.SreeLatha have attended A National Workshop on Advanced Topics in Text and Web Mining during 24th- 26th April 2013 at Centre of Education Technology & Learning Sciences, Enhanced EDU,IIIT-Hyd.

- E.Ramesh has attended A National Workshop on on DBMS during 21st - 31st May 2013 by Dept. of C.S.E, NIT Warangal in association with ISTE,National Mission on Education through ICT (MHRD) IIT Bombay

```python
#!/usr/local/bin/python
# change above line to point to local
# python executable
import urllib, urlparse, string, time
# create URL with desired search parameters
url = "http://archive.stsci.edu/pointings/search.php?"
url = url + "primary=ACS&outputformat=CSV"
url = url + "&pnt_ucountp=%3C5&pnt_icountp=%3E1&bao=and"
url = url + "&galactic=Above&galsearch=75"
url = url + "&action=Search+Exposures"
print url
filename = "out_py.txt"
urllib.urlretrieve(url,filename)
#!/usr/bin/env python
import getopt, sys, urllib, time
def main():
  status = 0
# input arguments
  try:
  opts, args = getopt.getopt(sys.argv[1:],"h:iq",
        ["help","invid=","quarter="])
  except getopt.GetoptError:
  usage()
  tree = False
  for o, a in opts:
  if o in ("-h", "--help"):
    usage()
  if o in ("-i", "--invid"):
    invid = str(a)
  if o in ("-q", "--quarter"):
    quarter = int(a)
  kepid, invid, kepmag, mode, start, stop, release = GetMetaData(invi
# convert Gregorian date to Julian date
def Greg2JD(year, month, day):
  if (month < 3):
    y = float(year) - 1.0
    m = float(month) + 12.0
  else:
    y = float(year)
    m = float(month)
  a = 0; b = 0
  if (y + m / 12 + float(day) / 365 > 1582.87166):
    a = int(y / 100)
    b = 2 - a + int(float(a / 4))
  c = 0
  if (y < 0.0):
    c = int(365.25 * y - 0.75)
  else:
    c = int(365.25 * y)
  d = int(30.6001 * (m + 1))
  jd = float(b + c + d + day + 1720994.5);

  return jd

# start and stop Julian dates for Kepler quarters

def QuarterDates(quarter):

  Qstart = [2454953.5,2454964.5,2454998.5]
  Qstop = [2454962.5,2454997.5,2455100.5]
  if (quarter < len(Qstart)):
    return Qstart[quarter] - 10, Qstop[quarter] + 10
  else:
    message  = 'No spacecraft                    str(qua
    message += 'Find                       asa.gov
    sys.exit(
```
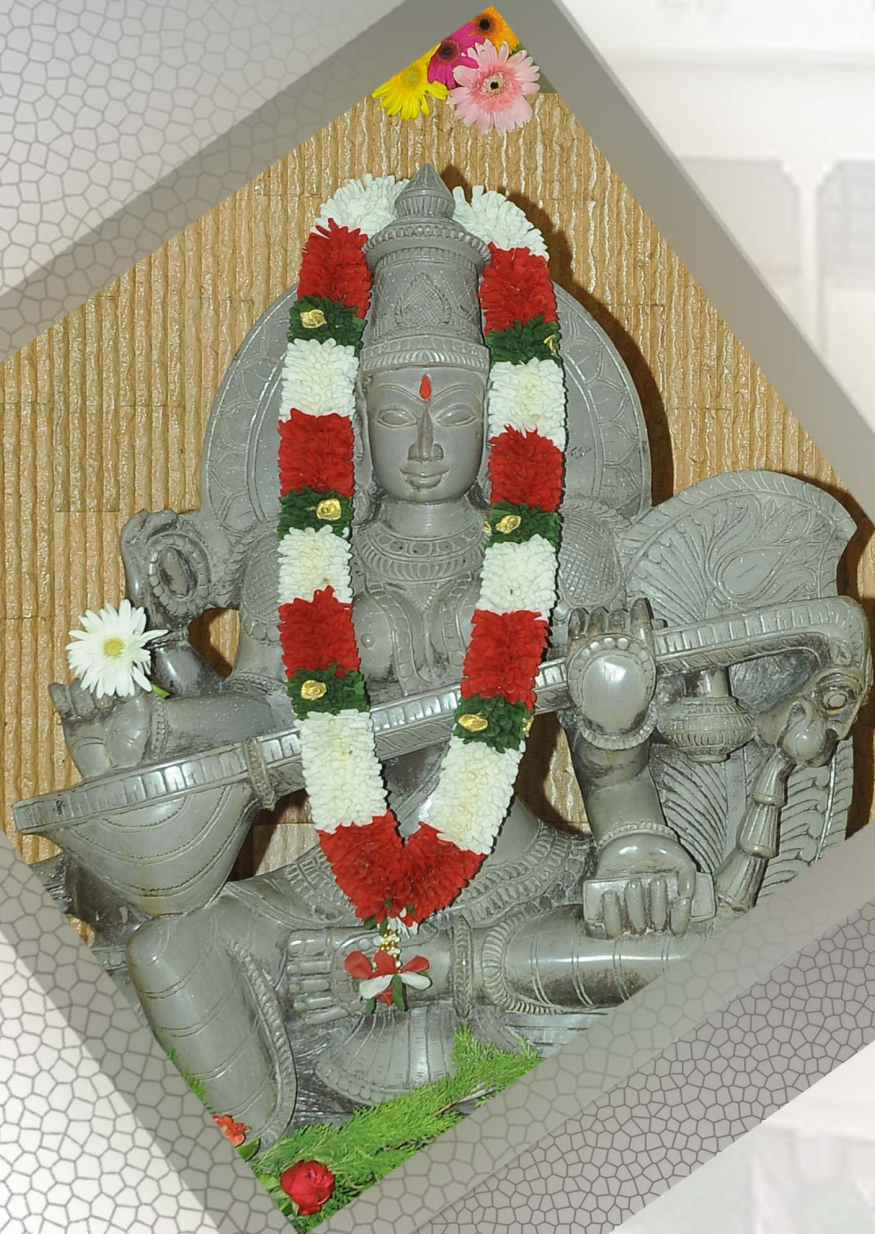
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RVR & JC
College of Engineering
(Autonomus)

Vision

To produce globally competent engineers to cater the challenging 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 practice

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 25. 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.

The department of CSE is justly proud of its high performing students. The students secured admissions in premier institutes across the country. A significant number of students also pursue their higher studies in renowned foreign universities. Students of this department are working in top MNC's like TCS, CTS, Infosys, Oracle, Accenture, IBM, Wipro, CISCO.

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

Student Achivements

- Ms. N.Sindhura lakshmi(Y13CS916) received the certificate of merit for the academic year 2014-15 for securing the highest CGPA in the department.

- Ms. P. Sravanthi received the certificate of merit for the academic year 2014-15 for securing the second highest CGPA in the department.

- Ms. J. Latha sree(Y12CS857) receiving the Certificate of Appreciation for being the efficient orga- nized of several clubs and college events.

- Ms. D. Pooja(Y12CS834) and Ms. B. Maneesha(Y12CS810) receiving the Certificate of Appreciation for the best performance in the MIME.

- Ms G.V.N.K. Himaja(Y10CS836) was awarded gold medal by Dr K. Basavapunniah for securing the First Rank of the academic batch(2010-2014)

Papers published by the students in IEEE during the academic year 2013-2014 are :

- K.Venkataiah(Y11MTCS812),M.Srikanth,E.Ramesh,"An Appraoch for Resilient Multipath Routing with Independent Directed Acyclic Graphs",International Journal Of Adavnces in Computer ,Electrical and Electronin Engineering(IJACEEE),pp.1-7,Vol 3,Issue 1, October2013-March2014 .

- P.Neelima(Y11MTCS815), Ch.Aparna, "Ontologies to improve the Integration of User Knowledge in the Post Mining of Association", International Journal of Advances in Soft Computing Technolo- gy,pp.21-26,Vol 3,Issue 2, July-December,2013.

- Hanumantha Rao M(Y11MTCS807), B.Vara Prasad Rao, " A Method for Domain Specific Search by Using Ranking based Adaptation Model", International Journal od advances in Soft Computing Technolo- gy",pp.1-13 Vol 3,Issue 2, July-December 2013.

Many other papers were also published on different computing techniques and technologies for the ac- ademic year 2013-14

Events & Activities

Tech Club

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.

Events Organized

Coding contests

Technical Quiz

Sports Quiz

Just A Minute Sessions

Presentations

Computer Vision 6th Sense Technology –B.Sri vyshnavi(Y12CS818)

Project Loon - B.Pragna(Y12CS816)

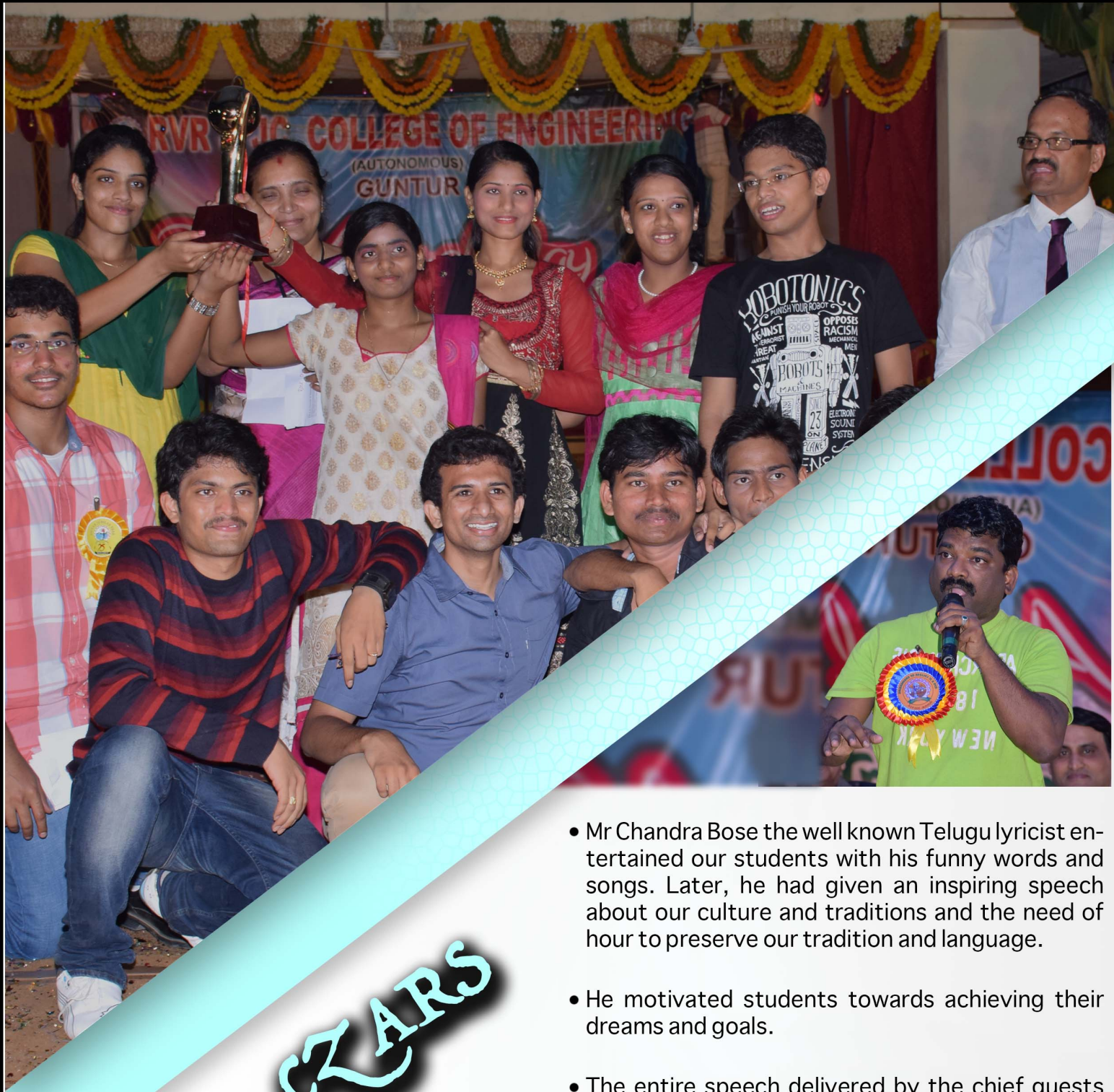Mind Reading Computers- Sk.Rizwana parween(Y12CS940)

All About IP- P.Aditya Kiran(Y12CS927)

A presentation on IOS - T.Venkata Sai(Y11CS916)

Android OS - K.Bharath(Y12CS868)

Several others presentations on different topics were given by the department students.

CZARS

- Mr Chandra Bose the well known Telugu lyricist entertained our students with his funny words and songs. Later, he had given an inspiring speech about our culture and traditions and the need of hour to preserve our tradition and language.

- He motivated students towards achieving their dreams and goals.

- The entire speech delivered by the chief guests encouraged our students in improving their knowledge in various fields ,which helps them in choosing a better choices in the future.

The Department students have portrayed themselves as thespians with their artistic performances and mesmerised the audience.

The fifteen minutes drama played by our students depicting the Indian history and mythology was greatly applauded by the audience.

A great opportunity given to our students is allowing them to setup their own food and game stalls to exhibit their managment skills and business skills to eke out some money.

Culturals

- In 2013 the CSE department has given its best in the cultural competitions conducted on the eve of college day. College day is a day on which students exhibit their talent in various fields like Dance, Music, Arts, Dramatics, FacePainting.

- Our students has collaborated their best to keep up the department's pride.

- Here comes the Czars event . The Czars of RVR is the title given to the department which performs

- Ms Gouthami has given a wonderful performance in the folk round which mesmerized the whole group.

- The department girls have shown their nuances in their own way by a traditional ramp walk.

Placements

The Placement department does not believe in temporary arrangement to achieve placement targets; our goal is to awaken a need of change within the students and work with them to achieve their goals. Such self-inspired discipline and focus last for a lifetime. Placement process has started as early as from the second semester onwards.

- Apart from the curriculum, the faculty trained the students to replenish their knowledge on the basic programming languages and programming skills.

- The department has trained the students for an industry ready experience which enables them to grab the job easily.

- Students did their best in the placement drives by fullfilling the opportunity given to them.

- A total of 72 students got placed at different companies for the academic year 2013-14

Higher Studies

Apart from the placements a good number of students have shown interest in pursuing higher studies Among them the major share was taken by students pursuing masters in USA

M.Tech

A total of 12 students have been doing M.Tech at different institutes across the country

MBA

A total of 2 students have shown their interest in management and business skills currently pursuing MBA at Alliance University, Bangalore & ALC, and A.P.

Masters

A total of 26 students have been pursuing Masters at different universities in the U.S.A

Mr. Sai Sumanth Edara(y10cs897) pursuing masters at George Washington University, USA

Ms. Naidu Swetha(y10cs880) pursuing masters at university of minessotta, USA

Mr. N. Sumesh(y10cs879) pursuing masters in UNC Charlotte,USA

Mr. J. Sudheer(y10cs843) pursuing masters in Charles Strut University, Australia