Department of Computer Science & Engineering

"PHOENIX FEBRUARY 2014"

Department Vision

To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards in Computer Science Engineering with capabilities of accepting new challenges

Department Mission

To develop competent professionals who are proficient in the design, analysis and implementation of computational/computer systems. To impart quality and value based education and contribute towards the advancement of computing, science and technology to raise satisfaction level of all stakeholders. Our endeavor is to apply new developments in computational hardware and software and to provide all possible support to promote research & development activities.

Program Educational Objectives

The program Educational Objectives of the Computer Science & Engineering programme are designed to produce competent engineers who are ready to contribute effectively to the advancement of Computer Science & Engineering causes and to accommodate the needs of the profession. The graduates shall:

1. Apply analysis, design, optimization and implementation skills in order to formulate and solve Computer Science and Engineering and multidisciplinary problems.
2. Take up higher studies, research & development and other creative efforts in Science & Technology.
3. Use their skills in ethical & professional manner to raise the satisfaction level of stake holders.

Program Outcomes (PO)

4. The programme is targeted at developing the following competencies, skills and abilities amongst students. They shall be able to:

1. Apply knowledge of mathematics, science, and computer science & engineering to define and applied engineering procedures, processes, systems or methodologies.
2. Identify, formulate, and analyze engineering problems in reaching substantiated conclusions using analytical tools appropriate to computer science and engineering.
3. Design hardware / software system to meet desired needs within realistic constraints related to economic, environmental, social, political, ethical, health and safety, verifiability, and sustainability concerns.
4. Conduct investigations of broadly defined problems; locate, search and select relevant data from codes, databases and literature, design and conduct experiments to provide valid conclusions.
5. Use the techniques, skills, and modern engineering IT tools, including applications, simulation and modeling, to broadly define engineering activities.
6. Understand societal, environmental, legal, safety, cultural professional and ethical issues and the consequent responsibilities relevant to engineering technology practice.
7. Function as member or leader of team and to understand engineering management principles & finance to manage projects in multidisciplinary environment.
8. Communicate effectively with engineering community and society at large by being able to comprehend and write effective reports, prepare documentation & make effective presentations.
9. Engage in lifelong learning and adapt to rapid changes in computer science & allied areas.

BOS MEETING AT COMPUTER SCIENCE & ENGINEERING DEPARTMENT

Board of studies for Computer Science & Engineering and Information Technology was conducted in Computer Science & Engineering Department W-11 , 9:30 A.M. on 8 Feb 2014. Dr. Virendra Singh , IIT Powai along with GHRCE BOS members attended meeting. All PG coordinators were invited members. This meeting was focused towards finalization of industry project for one semester for UG students. All PG schemes were discussed with more elective options.

Meeting was concluded by chairman BOS and thanks all BOS members.

GUEST LECTURE ON WIRELESS SENSOR NETWORKS BY DR. U. A. DESHPANDE

Name of Expert: Dr. U. A. Deshpande
Designation & Affiliation: VNIT, Nagpur
***Topic:* "Wireless Sensor Networks"**
***Venue:* S-03**
***Date & Time of conduction:* 01/02/2014 at 10:00 AM**

Description of the Event:

- Participants: PG M.E. 2nd Sem (WCC & MT)
- No. of Participants: 29 +18= 47Students

GUEST LECTURE ON CLOUD COMPUTING NETWORKS BY KRUNAL JAIN

Name of Expert: Mr. Krunal Jain
Designation & Affiliation: Persistent Systems Ltd., Nagpur
***Topic:* "Cloud Computing"**

Venue: **S-04**
Date & Time of conduction: **01/02/2014 at 10:00 AM**

Description of the Event:

- Participants: UG 8th Sem (Section: A)
- No. of Participants: 56 Students

PAPER PUBLICATION

Paper Title: Analysis of SAP HANA High achievability competence

Name of Journal: International Journal of Advanced Research in Computer Science and Software Engineering Volume 4, Issue 1, January 2014 ISSN: 2277 128X

Authors: Prof Lalit Dole, Prof Girish Talmale Asst .Prof Dept of CSE,GHRCE,Nagpur.

FACULTIES ATTENDED NBA WORKSHOP ON OUTCOME BASED EDUCATION & ACCREDITATION

Three faculties R.W. Jasutkar, S.P. Karemore, Sandeep Malik have attended NBA workshop on Outcome based education phase 1 and 2 on 3 February and 17-19 Feb 2014 to GHRCE campus. In this workshop, the features of new Outcome Based Accreditation have been discussed with the stakeholders. They informed about various dimensions, requirements, process and parameters of Outcome Based Accreditation of their programmes as per the new system were discussed. Dr. P.R. Bajaj and Dr. P.B. Nagarnaik were resource person .

PROF D.P. THENG ATTENDED STTP ON TRENDS AND APPLICATION OF DATA SCIENCE AT RGPV BHOPAL

Prof D.P. Theng attended STTP on Trends and Application of Data Science at RGPV Bhopal from 18 Feb 2014-22 Feb 2014. Resource persons were Prof. Praveen Bellure, IIT, Bombay, Prof. Maya Ramnath, IIT Delhi, Prof. Arun Pujari, University of Hyderabad. 4. Prof. N. S. Choudhary, VNIT, Nagpur, Prof A.K. Singh,MNIT Allahabad, Prof. Sanjay Garg, Nirma University,Ahmedabad,Prof. S.N. Sharma, SATI,Vidisha.Prof Mahesh Motwani, UIT, RGPV, Bhopal,Prof J.L. Rana, Rtd. Professor MANIT, Bhopal, Prof. Shashikala Tapaswi, ABIIITM, Gwalior. Prof. D. K Swami, VNS, Institute Bhopal, Prof. R.S. Jadon, MITS, Gwalior, Experts from various Industries, Prof. Protosh Bansal, IET, DAVV, Indore