



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous Institute under JNTU Hyderabad)
Bachupally, Kukatpally, Hyderabad-500090

Minutes of meeting of the BOS for I and II B. Tech (I and II semesters) Computer Science and Engineering of Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous), Hyderabad, held on 31-07-2015 in the chamber of Principal, GRIET at 02.00pm.

Members Present:

Dr. K. Anuradha,
Professor, HOD of CSE,
GRIET, Bachupally, Hyderabad.

Chairman *K. Anuradha*

Dr. N. Sandhya,
Professor of CSE,
VNRVJIET, Hyderabad.

Member (External Expert) *Sandhya*

Dr. Y. Rama Devi,
Head of CSE Dept, CBIT,
Hyderabad.

Member (External Expert) *Rama Devi*

Dr. V. Kamakshi Prasad,
Professor of CSE,
JNTU, Hyderabad.

Member (JNTU Nominee) *Kamakshi Prasad*

Mr. C. S. N. Prasad,
Team Manager, CMC Limited,
Gachibowli, Hyderabad.

Member (Industry Expert) *C. S. N. Prasad*

Ms. P. L. Shailaja,
Asst. Professor of CSE,
GRIET, Hyderabad.

Alumni Staff *P. L. Shailaja*

V. Srilakshmi,
IV year B.Tech.

Student Member

Ms. G. N. Beena Bethel,
Assoc. Professor of CSE,
GRIET, Hyderabad.


Member (M. Tech Coordinator)

Dr. A. Sai Hanuman,
Professor of CSE,
GRIET, Hyderabad.

Member 

Dr. P. Vijayapal Reddy,
Professor of CSE,
GRIET, Hyderabad.

Member 

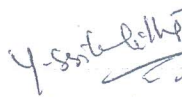
Prof. G. Mallikarjuna Rao,
Professor of CSE,
GRIET, Hyderabad.

Member 

Mr. Ch. Mallikarjuna Rao,
Assoc. Professor of CSE,
GRIET, Hyderabad.

Member 

Ms. Y. Sri Lalitha,
Associate Professor of MCA,
GRIET, Hyderabad.


Co-opted member

- Item1. Course structure, Syllabus subject to be approved by the Academic Council is confirmed for I and II B.Tech (I and II Semesters) Computer Science Engineering. Subjects of BS, HSS and EAS as confirmed by BOS of respective subjects are accepted.
- Item2. Evaluation Scheme suggested as per GR15 to be adopted.
- Item3. Panel of Examiners are suggested.
- Item4. Existing practices to be strengthened and confirmed.



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Minutes of meeting of the BOS for III and IV B. Tech (I and II semesters) Computer Science and Engineering of Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous), Hyderabad, held on 11-01-2016 in the chamber of Principal, GRIET at 12.30pm.

Members Present:

Dr. Ch. Mallikarjuna Rao,
Professor, HOD of CSE,
GRIET, Bachupally, Hyderabad.

Chairman 

Dr. V. Kamakshi Prasad,
Professor of CSE,
JNTU, Hyderabad.


Member (JNTU Nominee)

Mr. C. S. N. Prasad,
Team Manager, CMC Limited,
Gachibowli, Hyderabad.


Member (Industry Expert)

Dr. G Suresh Reddy,
Professor in IT and HOD,
VNR VJIET, Hyderabad.


Member (External Expert)

Dr. M. Seetha,
Professor in CSE,
GNITS, Hyderabad.


Member (External Expert)

Dr. A. Sai Hanuman,
Professor of CSE,
GRIET, Hyderabad.


Member

As per the feedback and recommendation of stakeholders, the following courses are added in **B.Tech., Computer science and engineering - Regulations 2015**

The following courses will help the Engineering graduates to expose in Economics, Management and Financial procedures in B.Tech., Computer science and engineering

Name of the Course	Course Code	Description
Managerial Economics and Financial Analysis	GR15A2104	Studying the concepts of management and financial aspects in Engineering perspective.

The following courses are introduced in to get exposure of trending data science and help developing online web technologies.

Name of the Course	Course Code	Description
Introduction to Data Sciences	GR15A3107	Study on recording, storing, and analyzing data
Big Data Analytics	GR15A3111	The study on complex process of examining large and varied data sets or big data to uncover information including hidden patterns
Data mining and Applications	GR15A3155	Data mining is the process of analyzing data, summarizing and reporting.
Essentials of Big Data Analytics	GR15A3165	Study on Fundamentals of Big data.
DMDW and BI Lab	GR15A4146	Practicing datawarehousing and mining techniques to get output analysis .
Cloud Computing	GR15A4079	Study on demand services and applications in the remote computing.
Principles of E-Commerce	GR15A3154	Developing online web portals and web applications
Mobile Computing and Applications	GR15A4164	Deploying mobile applications for pervasive computing.

In this multimedia rich content, computer graphics technology rides an important role, so the following courses will enrich the skill and knowledge in this horizon.

Name of the Course	Course Code	Description
Computer Graphics	GR15A3069	Deals with pictures and films created using computers.
Fundamentals of Image Processing	GR15A4088	A course on Fundamentals of image processing using software tools.

K. Anusudha

The study of internal computing, operations and real time programming needs to be enhanced through the following courses in UG level.

Name of the Course	Course Code	Description
Computer architecture and organization	GR15A3156	Study of internal working of computer architectures and organization.
Human Computer Interaction	GR15A3164	A study of how people interact with computers
Principles of operating Systems	GR15A3166	A Study on system software that manages computer hardware and software resources
Advanced Network Programming Lab	GR15A4083	Practicing the networking using internet protocols.
Real Time Operating Systems	GR15A4086	A study on RTOS that guarantees the response within a specified timing constraint.

The software design development technologies need to gear as per current industrial expectations. The following courses are considered,

Name of the Course	Course Code	Description
Design Patterns	GR15A4090	A course on design patterns that used to represent some of the best practices adapted by experienced object-oriented software developers.
Unified Modeling Language	GR15A4155	A standardized modeling language consisting of an integrated set of diagrams, developed to help system and software developers
Unified Modeling Language Lab	GR15A4156	Designing modeling language consisting of an integrated set of diagrams for real time problem.
Soft Computing Techniques	GR15A4162	Soft computing is the use of inexact solutions to computationally hard tasks using AI algorithms.

Under Choice Based Credit System (CBCS), Any engineering graduates may select any courses, irrespective of their core branch courses. The following courses may be selected by CSE students under this scheme.

Name of the Course	Course Code	Description
Applied Thermodynamics	GR15A3153	A study on relationship between heat, work, and systems that analyze energy processes.
Transportation Engineering	GR15A3161	Study on methods of building transportation.
Automobile Engineering	GR15A3163	Study on Concepts of Automobile for Engineers.
Principles Of Satellite Communications	GR15A4166	A study on satellite and function
Sensors & Transducers	GR15A3162	Study of sensors and transducers.
Operations Research	GR15A4163	A course on method of problem-solving and decision-making

K. Anuradha

The usage of energy from non-conventional resources need to encourage and to implement. This following courses fulfils the motivation.(Courses are under Choice Based Credit System (CBCS))

Name of the Course	Course Code	Description
Water Resources Engineering	GR15A3151	A study of civil engineering that involves the design of new systems and equipment that help manage human water resources.
Solar & Wind Energy Systems	GR15A3152	A study on combination of Wind and solar energy which makes the system to generate electricity.
Green Building Technology	GR15A4161	Practice of creating structures and using processes that are environmentally responsible and resource-efficient

K. Anusudhan