# Gokaraju Rangaraju Institute of Engineering and Technology
## (Autonomous)

Minutes of meeting of the BOS for M Tech Software Engineering (I and II Years) of Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous) Hyderabad held on 31 July 2015 in the Chamber of Principal of GRIET at 10:00 AM.

## Members Present:

Dr. Y Vijayalata
Professor, HOD of IT
GRIET, Bachupally, Hyderabad — Chairman

Dr.Padmalaya Nayak
Professor, Dept of IT
GRIET, Bachupally, Hyderabad — Member

Ms Veena Trivedi
Associate Professor, Dept of IT
GRIET, Bachupally, Hyderabad — Member

Dr. Y Rama Devi
Professor & Head of CSE
Chaitanya Bharathi Institute of Technolgoy
Hyderabad — Member (External Expert)

Dr. M. Rama Bai
Professor & Head of IT,
Mahatma Gandhi Institute of Technology
Hyderabad — Member (External Expert)

Dr. V. Kamakshi Prasad
Professor of CSE, JNTUH
Hyderabad — Member (JNTU Nominee)

Mr. C S N Prasad
IT Manager
CMC Ltd
Hyderabad. — Member (Industry)

Mr. Y.Jeevan Nagendra Kumar
Associate Professor, Dept of IT
GRIET, Bachupally, Hyderabad — Member

Ms.V,Padma
Associate Professor, Dept of IT
GRIET, Bachupally, Hyderabad — Member

Dr. A. Sai Hanuman
Professor of CSE, Dean of Examinations
GRIET, Bachupally, Hyderabad — Co-opted Member

Item1.Course Structure and Syllabus subject to be approved by Academic Council is confirmed for M Tech Software Engineering (I and II Years)

Item 2: Subjects of BS,HS are confirmed by BOS of respective departments.

Item 3; Evaluation Scheme suggested as per GR15 to be adopted.

Item 4: Panel of Examiners are suggested.

Item 5: Existing practices to be strengthened and continued.

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

To process any kind of information online, the following courses will enable a platform to get exposure in this area.

| Name of the Course | Course Code | Description |
| --- | --- | --- |
| Image Processing & Pattern Recognition | GR15D5008 | A Course on Implementation of image processing with software tools with the process of recognizing patterns by using machine learning algorithm. |
| Information Storage and Retrieval | GR15D5017 | A study on systematic process of collecting, cataloguing data and retrieval process. |
| Multimedia & Rich Internet Development | GR15D5031 | A course for developing any Web application designed to deliver the features and functions normally associated with desktop applications. |
| Software Agents | GR15D5034 | A course on developing a software that functions as an agent for a user or another program, working autonomously and continuously in a particular environment. |

The software quality metrics and development in component based programming is addressed in this below courses.

| Name of the Course | Course Code | Description |
| --- | --- | --- |
| Software Requirements and Estimation | GR15D5023 | A study on how to work in requirement specification and estimation. |
| Component Oriented Programming Languages | GR15D5025 | A course on Building libraries for software. |
| Software Quality Assurance and Testing | GR15D5029 | A course for Ensuring the standard of procedure and testing. |
| Formal Methods in Software Engineering | GR15D5033 | A course for Design of mathematical based technique for the specification, development and verification of software and hardware systems. |