Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

04 July 2020

Minutes of Meeting

For

I and II M.Tech Computer Science Engineering

(I and II Semesters)

(For students admitted from 2020-21 as per GR20 Regulations)

Board of Studies

Held on

04 July 2020

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 M. Tech (I and II semesters) Computer Science and Engineering of Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous), Hyderabad, held on 04-07-2020 in the online mode at 4:30pm through Ciscowebex.

Members Present:

Dr.K.Madhavi
Professor & Head, CSE
GRIET,Hyderabad

Chairman

Dr.Gollapudi Ramesh Chandra
Professor, CSE Dept
Head R&C Cell,
VNRVJIET, Hyderabad

External Expert

Dr.Aruna Rao S L
Professor & Head, IT,
BVRITH College of Engineering for Women,
Hyderabad

External Expert

Dr.D.Ramesh
Professor , CSE Dept.
JNTUH CEJ

University Nominee

Mr.P.Mohan
Sr. Data Scientist, Tech Mahindra,
Hyderabad

Industry Expert

M.Z.U.Zufesha
Software Engineer
TCS, Hyderabad

Alumni

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

Member

Dr.B.Sankara Babu
Professor , CSE,
GRIET Hyderabad

Member

Dr. G. Karuna
Professor , CSE,
GRIET,Hyderabad

Member

Dr. G.R. Sakthidharan
Professor , CSE,
GRIET Hyderabad

Member

Dr. P. Chandra Sekhar Reddy
Professor , CSE,
GRIET Hyderabad

Member

Dr. G. Ramesh
Associate Professor , CSE,
GRIET Hyderabad

Member

Item1. M. Tech CSE Course Curriculum for 2020-21 academic year to be approved by the Academic Council is confirmed and accepted by BOS for all the subjects in all semesters of two years program.

Item2. Syllabus for I and II year (I semester and II semester) are verified and suggestions are made.

Item3. Prior to the approval from the Academic Council, the review is made on the syllabus by the industry experts and modifications are made as per suggestions made.

Item4. Active learning and blended learning strategies are incorporated into the teaching methodologies from this regulation. Also, project based learning is planned to implement from this academic year.

Dr. K. MADHAVI
B.E, M.Tech, Ph.D
Professor and HOD
Computer Science and Engineering
Gokaraju Rangaraju Inst
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Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Minutes of the Meeting- BoS

GRIET/CSE/BOS/1E/G/20-21

4 JULY 2020

BoS Online Meeting on GR20 Regulations

BoS Chair welcomed all the expert BoS members and briefed the GR20 **M.Tech - Computer Science and Engineering** Course structure and Syllabus of M.Tech I & II years. The new course structure is designed based on the inputs from University, Industry and Subject Matter experts suggestions.

S.No	Agenda	Resolution	By Whom
1	M. Tech(CSE) Course Structure	GR20 M.Tech(CSE) Course structure is satisfactory	JNTUH Expert, Expert Members
2	M. Tech(CSE) Syllabus	• In **Advanced Data Structures**, suggested to remove Boyer-Moore Algorithm in Unit 4.	JNTUH Expert,
		• In **Advanced Data Structures Lab**, suggested to remove Sorting techniques and to introducePattern matching algorithms and Huffman coding.	JNTUH Expert
		• In **Advanced Algorithms**, suggested to add Shell Sort, Bucket Sort instead of Merge Sort andQuick Sorting Unit 1, and to add Boyer-Moore Algorithm in Unit 4.	JNTUH Expert
		• In **Data Analytics**, suggested to include R Shiny Application frame work for Business verticals in Unit 4.	Internal PAC Committee

• The new course **"Artificial Intelligence and Neural Networks"** is to be added M.Tech I-I semester.	Industry Expert
• Suggested to add **"Augmented Reality and Virtual Reality"** in M.Tech I-I semester.	Subject Experts
• New Course **"Industrial Internet of Things"** and **" Data Analytics and Internet of Things Lab"** are added in M.Tech I-II semester.	Internal Committee PAC
• Suggested to add new course **"Blockchain Technology"** as Professional Elective in M.Tech I-II semester.	Internal Committee PAC
• The new subject **"Natural Language Processing"** is to be introduced in M.Tech II-I semester.	Internal Committee PAC
• The courses **"Cyber Security "** and **" Internet of Things Architecture and Design Principles"** are to be introduced as Professional Elective in M.Tech II-I semester.	Internal Committee PAC
• Suggested to add new courses **"Social Media Analysis"** and **"Artificial Neural Networks and Fuzzy Systems"** as Professional Elective in M.Tech II-I semester.	Student Member

BoS chair concluded that GR20 M.Tech I & II year syllabus will incorporate all the suggestions by Expert members.

Coordinator BoS

BoS Chair