



GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY(AUTONOMOUS)

NH-16, Chaitanya Knowledge City, Rajahmundry – 533296. E.G.Dt., - AP.

Approved by AICTE, Accredited by NBA & NAAC 'A' Grade, Recognized under 2(f) and 12(b) of UGC, Permanently Affiliated to JNTUK, Kakinada

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MINUTES OF THE 6TH BOS MEETING

HELD ON 09TH JANUARY 2021

Sixth meeting of the Board of studies in CSE (B.Tech-CSE, M.Tech-CSE) of GIET (Autonomous) Rajahmundry was held at 10.00 A.M on Saturday i.e., 9th January, 2021 through Webex platform. Dr. B. Sujatha, HOD-CSE, Chairman of the BoS presided the meeting with the participation of the following members:

S No.	Category of Member	Name of the Member	Designation	Institution/Organization
1	University Nominee	Dr. L. Sumalatha	Professor	Dept. Of CSE, JNTUK,
2	Subject Expert-1	Dr.USN Raju	Assistant Professor	NIT-Warangal, Warangal
3	Industry Expert-1	Mr. Raja M.S.	Architect – Technology, VIRTUSA, Chennai	
4	Industry Expert-2	Mr. B. Mahesh	Senior Application Engineer, Oracle India Pvt. Ltd., Hyderabad	
5	Alumni of GIET	Mr. D.V.V.S.N. Reddy	Employee of SAP consultant, Bangalore	
6	Internal Member	Dr. N. Leelavathy	Vice Principal	GIET (A), Rajahmundry
7	Internal Member	Dr. M. V. Sangameswar	Professor	GIET (A), Rajahmundry
8	Internal Member	Dr. JMSV Ravi Kumar	Professor	GIET (A), Rajahmundry
9	Internal Member	D Sattibabu	Associate Professor	GIET (A), Rajahmundry
10	Internal Member	RM. Pattanayak	Associate Professor	GIET (A), Rajahmundry
11	Internal Member	Dr. P. Sriramchandra	Associate Professor	GIET (A), Rajahmundry
12	Internal Member	Mr. M.V. Satish Varma	Assistant Professor	GIET (A), Rajahmundry
13	Internal Member	Mr.K.V.K. Sasikanth	Assistant Professor	GIET (A), Rajahmundry
14	Internal Member	Mr. V. Ajay Kumar	Assistant Professor	GIET (A), Rajahmundry

15	Internal Member	Mr. Shaik Yacoob	Senior Asst. Professor	GIET (A), Rajahmundry
16	Internal Member	Ms. A. Vandana Peter	Assistant Professor	GIET (A), Rajahmundry
17	Internal Member	Mrs. P. Nagamani	Assistant Professor	GIET (A), Rajahmundry
18	Internal Member	Mrs. Ch. Uma Devi	Assistant Professor	GIET (A), Rajahmundry
19	Internal Member	Mrs. B. Uma Sudha	Assistant Professor	GIET (A), Rajahmundry
20	Internal Member	Mr. D. Phani Kumar	Assistant Professor	GIET (A), Rajahmundry
21	Internal Member	Mrs. K. Suryakala	Assistant Professor	GIET (A), Rajahmundry
22	Internal Member	Ms. D. Suseela	Assistant Professor	GIET (A), Rajahmundry
23	Chairman-BOS	Dr. B. Sujatha	Prof.& HOD-CSE	GIET (A), Rajahmundry

Dr. B. Sujatha, Chairman of BoS opened the meeting by welcoming note and introduced the external members to the internal members and thanked them for accepting the invitation and the Chairman initiated the agenda of the meeting.

The following points were discussed and deliberated:

1. After a thorough discussion on the course structure and various syllabi of the courses, the syllabus for GRBT19: III & IV B.Tech (four semesters) for Computer Science and Engineering is resolved and approved. It is for the students admitted in Academic Year 2019-20.
2. Experts for Paper Setting and Examiner for Valuation (Theory/Practical) of B.Tech Computer Science and Engineering was discussed, finalized and approved.
3. The Course Structures and corresponding syllabus of Computer Science courses of 1st year B.Tech-GRBT20 regulation related to Computer Science and Engineering, Computer Science and Engineering (AI & ML), Computer Science and Engineering (Cyber Security) branches was discussed, modified and approved . The titles of the courses are-
 - a. Problem Solving and Programming in C
 - b. Problem Solving & Programming in C Lab
 - c. Data Structures using C
 - d. Fundamentals of Computer Programming
 - e. Fundamentals of Computer Programming Lab
 - f. Fundamentals of Digital Electronics
 - g. Computer Engineering Workshop
 - h. Python Programming
 - i. Data Structures
 - j. Data Structures Lab

4. Open Electives- Operating Systems, Information Security and Human Computer Interaction for all branches of B.Tech was discussed, finalized and approved. The other Open Electives will be approved by their concerned departments.

S. No	Open Elective-1	Open Elective-2	Open Elective-3	Open Elective-4
a	CE- Environmental Pollution Control	CE- Solid Waste Management	CE- Global Environment: Problems & Policies	Financial Management for Engineers
b	EEE- Utilization of Electrical Energy	EEE- Energy Management	EEE- Renewable Energy Resources	Entrepreneurship qualities for Engineers
c	MECH- Robotics	ME- MEMS	ME- Nano Technology	Managerial Economics & Financial Analysis
d	ECE- Internet of Things	ECE- Digital Image Processing	ECE- Data Communication	Principles of Management
e	CSE- Operating Systems	CSE- Information Security	CSE- Human Computer Interaction	Organizational Behavior
f	MM- Elements of Mining Technology	MM- Disaster Management in Mining	MM- Remote Sensing & GIS in Mining	Digital Marketing
g	AME- Basic Automobile Engineering	AME- Hybrid and Electric Vehicles	AME- Modern Vehicle Technology	Operations Management
h	---	---	---	Total Quality Management
i	---	---	---	Human Resource Management

5. The Course Structure and syllabus for 1st and 2nd years of M.Tech-CSE-GRMT20 regulation was discussed, modified and approved.

6. All the mandatory courses of UG and PG will be ratified by the BoS, Dept. of Humanities and Basic Sciences.

7. The structure and model of internal & external examination question papers for UG & PG programmes has been approved.

8. The list of Experts for Paper setting in the subjects of UG and PG programmes has been approved.

The details of approved & ratified course structures and syllabus of GRBT19, GRMT 20 and GRBT 20 (1st year) is enclosed.

The Chairman, BoS, has requested the external members to give feedback about the meeting. The Chairman thanked all the members for their active participation and for giving valuable suggestions.



BOS-Chairman

(Dr. B. Sujatha, Professor & HOD

Dept. of CSE, GIET(A.).

Head of the Department
Computer Science & Engineering
Gadevalli Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM, A.P. India, 533 226.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AGENDA FOR THE 6TH BOS MEETING **ON 09TH JANUARY, 2021**

REGULATION: GRBT-19

REGULATION: GRBT-20

REGULATION: GRMT-20

1. GRBT-19 Course structure and 3rd & 4th Year syllabus finalization.
2. GRBT-20 Course structures (CSE, CSM, CSC) and syllabus (1st year) finalization.
3. GRMT-20 Course structure and syllabus finalization.

BOS will be conducted online through CISCO Webex using the below given meeting information.

Meeting Information

Meeting link: <https://giet.webex.com/giet/j.php?MTID=ma4d029d7eef560c002fd04009970af2>

Meeting number: 158 738 0985

Password: 1234

BOS-Chairman

(Dr. B. Sujatha, Professor & HOD

Dept. of CSE, GIET(A.)

Head of the Department,
Computer Science & Engineering,
Godavari Institute of Engineering & Technology,
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM, A.P. India, 533 205.



An Autonomous Institution
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MINUTES OF THE 7TH BOS MEETING **HELD ON 09TH OCTOBER 2021**

Seventh meeting of the Board of studies in CSE (B.Tech-CSE, M.Tech-CSE) of GIET (Autonomous) Rajahmundry was held at 10.00 A.M on Saturday i.e., 9th October, 2021 through Webex platform. Dr. B. Sujatha, HOD-CSE, Chairman of the BoS presided the meeting with the participation of the following members:

S No.	Category of Member	Name of the Member	Designation	Institution/Organization
1	University Nominee	Dr. L. Sumalatha	Professor	Dept. Of CSE, JNTUK,
2	Subject Expert-1	Dr.USN Raju	Assistant Professor	NIT-Warangal, Warangal
3	Industry Expert-1	Mr. Raja M.S.	Architect – Technology, VIRTUSA, Chennai	
4	Industry Expert-2	Mr. B. Mahesh	Senior Application Engineer, Oracle India Pvt. Ltd., Hyderabad	
5	Alumni of GIET	Mr. D.V.V.S.N. Reddy	Employee of SAP consultant, Bangalore	
6	Internal Member	Dr. N. Leelavathy	Vice Principal	GIET (A), Rajahmundry
7	Internal Member	Dr. M. V. Sangameswar	Professor	GIET (A), Rajahmundry
8	Internal Member	Dr. JMSV Ravi Kumar	Professor	GIET (A), Rajahmundry
9	Internal Member	D Sattibabu	Associate Professor	GIET (A), Rajahmundry
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21	Internal Member	Mrs. K. Suryakala	Assistant Professor	GIET (A), Rajahmundry
22	Internal Member	Ms. D. Suseela	Assistant Professor	GIET (A), Rajahmundry
23	Chairman-BOS	Dr. B. Sujatha	Prof.& HOD-CSE	GIET (A), Rajahmundry

Dr. B. Sujatha, Chairman of BoS opened the meeting by a welcoming note and introduced the external members to the internal members and thanked them for accepting the invitation. The Chairman initiated the agenda of the meeting.

The following points were discussed and deliberated:

1. The Course Structures and corresponding syllabus of Computer Science courses of IInd year B.Tech-GRBT20 regulation related to Computer Science and Engineering- CSE, Computer Science and Engineering (AI & ML)-CSM, Computer Science and Engineering (Cyber Security)- CSC branches were discussed in detail and approved as in Annexure I.
2. The syllabi of other department Courses were also discussed and approved for the following courses as in vide Annexure II.
 - a) Programming with JAVA Lab for ECE: II B.Tech I Sem
 - b) Introduction to Python Programming Theory + Lab for EEE: II B.Tech II Sem
 - c) Skill Oriented Course: Programming with Python for ME, ECE, MINING, PETROLEUM ENGG. & AME
3. Managerial Economics and Financial Analysis courses of UG will be ratified by the BoS, Dept. of Management Science.
4. Honors degree courses are offered for only Department of CSE and not offered for the other allied branches, viz., CSM and CSC as in vide Annexure III
5. Minor degree courses are offered from the Department of CSE only as in vide Annexure IV

6. The specialized Minor degree course in Advanced Web Technologies by Computer Science and Engineering Department in line with AICTE-Leadership in Teaching Excellence (LITE) program as per MoU is approved and ratified as per MoU with AICTE as in vide Annexure V

The Chairman, BoS, has requested the external members to give feedback about the meeting. The Chairman thanked all the members for their active participation and for giving valuable suggestions.



BOS-Chairman

**(Dr. B. Sujatha, Professor & HOD
Dept. of CSE, GIET(A).)**

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (G.I.E.T.)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM, A.P. India. 533-236

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
MINUTES OF BOARD OF STUDIES MEETING

The department Board of Studies meeting was held in online mode through Webex platform from 10:30 A.M on Saturday, **09/10/2021**. Dr. B. Sujatha, HOD-CSE, Chairman of the BoS presided the meeting.

The following External Members were present:

1.	Dr. L. Sumalatha, Professor, Dept. of CSE, JNTUK-Kakinada	University Nominee	<i>Sudeeti</i>
2.	Dr. U.S.N. Raju, Assistant Professor, Dept. of CSE, NITW, Warangal	Subject Expert	<i>V.S.N.Raju</i>
3.	Mr. B. Mahesh, Senior Analyst, Bank of America, Hyderabad	Industry Expert	<i>Mahesh</i>
4	Mr. Raja M.S., Project Architect, VIRTUSA-Chennai	Industry Expert	

The following Internal Members were present

1.	Dr.B. Sujatha, Hod&Prof., CSE	Chairman-BoS	<i>B. Sujatha</i>
2.	Dr. N. Leelavathy	Member of BoS	<i>N. Leelavathy</i>
3.	Dr. T.V. Prasad Prof., CSE	Member of BoS	<i>T.V. Prasad</i>
4.	Dr. J.M.S.V. Ravi Kumar, Prof., CSE	Member of BoS	<i>J.M.S.V. Ravi Kumar</i>
5.	Dr. P. Sri Ramchandra, Assoc. Prof, CSE	Member of BoS	<i>P. Sri Ramchandra</i>
6.	Mr. D. Sattibabu, Assoc. Prof, CSE	Member of BoS	<i>D. Sattibabu</i>
7.	Mr. Sk. Yacoob, Sr.Asst. Prof, CSE	Member of BoS	<i>Sk. Yacoob</i>
8.	Mr. M.V. Satish Varma, Asst.Prof, CSE	Member of BoS	<i>M.V. Satish Varma</i>
9.	Ms.A.Vandana Peter, Asst. Prof, CSE	Member of BoS	<i>A. Vandana</i>
10.	Mr.K.V.K. Sasikanth, Asst. Prof, CSE	Member of BoS	<i>K.V.K. Sasikanth</i>
11.	Mr.D. Phani Kumar, Asst. Prof, CSE	Member of BoS	<i>D. Phani Kumar</i>
12.	Mr.V. Ajay Kumar, Asst. Prof, CSE	Member of BoS	<i>V. Ajay Kumar</i>
13.	Mrs.K.Suryakala,Asst. Prof, CSE	Member of BoS	<i>K.Suryakala</i>
14.	Ms.D. Suseela, Asst. Prof, CSE	Member of BoS	<i>D. Suseela</i>
15	Mrs.P. Prasanna Lakshmi, Asst.Prof, CSE	Member of BoS	<i>P. Prasanna Lakshmi</i>

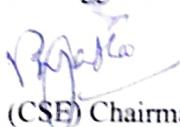
16	I. Lova Prasad, Asst. Prof,	Member of BoS	<i>J. Lova Prasad</i>
17	D. Srinivas, Asst. Prof,	Member of BoS	<i>D. Srinivas</i>

Dr. B. Sujatha, Chairman of BoS opened the meeting by a welcoming note and introduced the external members to the internal members and thanked them for accepting the invitation. The Chairman initiated the agenda of the meeting.

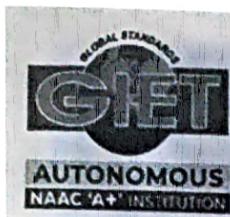
The following points were discussed and deliberated:

1. The Course Structures and corresponding syllabus of Computer Science courses of II B.Tech-GRBT20 regulation related to Computer Science and Engineering- CSE, Computer Science and Engineering (AI & ML)-CSM, Computer Science and Engineering (Cyber Security)- CSC branches were discussed in detail and approved as in Annexure I.
2. The syllabi of other department Courses were also discussed and approved for the following courses as in vide Annexure II.
 - a) Programming with JAVA Lab for ECE: II B.Tech I Sem
 - b) Introduction to Python Programming Theory + Lab for EEE: II B.Tech II Sem
 - c) Skill Oriented Course: Programming with Python for ME, ECE, MINING, PETROLEUM ENGG. & AME
3. Managerial Economics and Financial Analysis courses of UG will be ratified by the BoS, Dept. of Management Science.
4. Honors degree courses offered by the department is only for Department of CSE and not offered for the other allied branches, viz., CSM and CSC as in vide Annexure III. However, students of CSE and allied branches can opt for any industry related */NPTEL* programs offered by Industry for Honors degree program of same discipline.
5. Minor degree courses are offered from the department of CSE only as in vide Annexure IV
6. The specialized Minor degree course in Advanced Web Technologies by Computer Science and Engineering Department inline with AICTE-Leadership in Teaching Excellence (LITE) program as per MoU is approved and ratified as per MoU with AICTE as in vide Annexure V *Subjected to the approval from University*

The Chairman, BoS, has requested the external members to give feedback about the meeting. The Chairman thanked all the members for their active participation and for giving valuable suggestions.


BOS (CSE) Chairman

Head of the Department
Computer Science & Engineering
Gedavan Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRARAM, A.P. India, 533 296.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AGENDA FOR THE 7TH BOS MEETING **ON 09TH OCTOBER, 2021**

REGULATION: GRBT-20

1. Course Structures of IIInd year B.Tech-GRBT20 regulation related to Computer Science and Engineering- CSE, Computer Science and Engineering (AI & ML)-CSM, Computer Science and Engineering (Cyber Security)- CSC branches
2. Syllabus finalization of IIInd year B.Tech-GRBT20 regulation related to Computer Science and Engineering- CSE, Computer Science and Engineering (AI & ML)-CSM, Computer Science and Engineering (Cyber Security)- CSC branches
3. Syllabi of other department Courses
4. Finalization of Honors and Minor degree courses
5. Finalization of AICTE - Leadership in Teaching Excellence (LITE) program

BOS will be conducted online through CISCO Webex using the below given meeting information.

Meeting Information

Meeting link: <https://giet.webex.com/giet/j.php?MTID=ma4d029d7eef560c002fd04009970af2>

Meeting number: 158 738 0985

Password: 1234


9/10/21
BOS Chairman

(Dr. B. Sujatha, Professor & HOD

Dept. of CSE, GIET(A).)

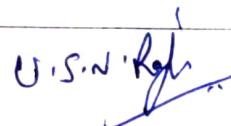
Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology, Andhra Pradesh,
Plot-16, Chaitanya Knowledge City,
Vijayawada, Nizamabad, A.P. India, 533 296.

GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
MINUTES OF BOARD OF STUDIES MEETING

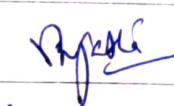
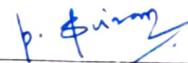
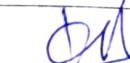
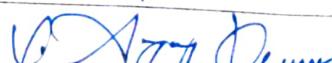
The 8th Board of Studies Meeting of the Computer Science and Engineering was held on 04/06/2022 from 10:00am in online mode through Google Meet with the below link:

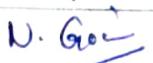
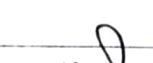
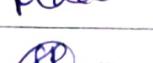
To join the video meeting, click this link: <https://meet.google.com/uyi-sffn-otw>
Otherwise, to join by phone, dial +1 609-726-6920 and enter this PIN: 880 730 286

The following External Members were present:

1.	Dr. M.H.M.Krishna Prasad, Professor & Principal, Dept. of CSE, JNTUK-Kakinada University Nominee	
2.	Dr. U.S.N. Raju, Assistant Professor- Dept. of CSE, NITW, Warangal Academic Experts	
3.	Mr. B. Mahesh, Senior Analyst, Bank of America, Hyderabad Industrial Experts	
4	Mr. M.S Raja, Software Architect, Virtusa, Chennai Industrial Experts	

The following Internal Members were present:

1.	Dr. B. Sujatha, Prof. & HoD of CSE Chairman-BoS	
2.	Dr. Tamilkodi, Prof. & HoD of CSE (AIML & CS)	
3.	Dr. N. Leelavathy, Prof. & Vice Principal (Academics)	
4.	Dr. P. Sri Ramchandra, Prof., CSE	
5.	Mr. D. Sattibabu, Assoc. Prof. of CSE	
6.	Mr. Sk. Yacoob, Sr.Asst. Prof. of CSE	
7.	Mrs.P.Nagamani, Asst. Prof, CSE	
8.	Mr. K.V.K. Sasikanth, Asst. Prof, CSE	
9.	Mr. D. Phani Kumar, Asst. Prof, CSE	
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11.	Mrs. K.Suryakala, Asst. Prof, CSE	

12.	Ms. D. Suseela, Asst. Prof, CSE	
13.	Mrs.N.Gowri Sreelakshmi, Asst. Prof, CSE	
14.	Dr.K.Ashok, Asst. Prof, CSE	
15	Dr.T.Prabhakar Rao, Asst. Prof, CSE	
16	Mr.P.K.Chakravarthy, Asst. Prof, CSE	
17	Mr.K.Nagababu, Asst. Prof, CSE	
18	Mr.J.Prasada Rao, Asst. Prof, CSE	
19	Mrs.N.Madhuri, Asst. Prof, CSE	
20	Mrs.S.Ratalu, Asst. Prof, CSE	

BoS/CSE 8.1 : WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING. The Chairman, BoS of the Computer Science and Engineering welcomed and introduced the members in the 8th Board of Studies meeting and thanked each one of them for sparing their valuable time to attend the meeting.

BoS/CSE 8.2 : TO CONFIRM THE MINUTES OF THE 7TH BOS MEETING HELD ON 09TH OCTOBER, 2021.
The minutes of the **Seventh Board of Studies meeting** held on 09th October, 2021 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by 13th Academic Council.

➤ **Action Taken Report:** Enclosed in **Annexure I**

BoS/CSE 8.3.1 : **TO CONFIRM AND APPROVE THE COURSE STRUCTURE AND CORRESPONDING SYLLABUS FOR THE III AND IV YEAR UG DEGREE PROGRAMME TO BE OFFERED UNDER GRBT-20 REGULATION RELATED TO CSE**
RESOLVED TO approve the course structure and corresponding syllabus for III and IV B.Tech- UG degree programme to be offered under GRBT-20 regulation related to CSE as in vide **Annexure II**

BoS/CSE 8.3.2 :

TO CONFIRM AND APPROVE THE COURSE STRUCTURE AND CORRESPONDING SYLLABUS FOR THE III YEAR UG DEGREE PROGRAMME TO BE OFFERED UNDER GRBT-20 REGULATION RELATED TO CSE (AI & ML).

RESOLVED TO approve the course structure and corresponding syllabus for III B.Tech- UG degree programme to be offered under GRBT-20 regulation related to CSE (AI & ML) as in vide **Annexure III**

BoS/CSE 8.3.3 :

TO CONFIRM AND APPROVE THE COURSE STRUCTURE AND CORRESPONDING SYLLABUS FOR THE III YEAR UG DEGREE PROGRAMME TO BE OFFERED UNDER GRBT-20 REGULATION RELATED TO CSE (CYBER SECURITY).

RESOLVED TO approve the course structure and corresponding syllabus for III B.Tech -UG degree programme to be offered under GRBT-20 regulation related to CSE (Cyber Security) as in vide **Annexure IV**

BoS/CSE 8.3.4 :

TO CONFIRM AND APPROVE THE SYLLABUS OF OPEN ELECTIVE COURSES OFFERED TO OTHER DEPARTMENTS.

RESOLVED TO approve the corresponding syllabus for Open Elective courses offered to other departments.

Open Elective-1: III B.Tech I Sem	Foundations of Operating Systems
Open Elective-2: III B.Tech II Sem	Fundamentals of Databases
Open Elective-3: IV B.Tech I Sem	Information Security
Open Elective-4: IV B.Tech I Sem	Human Computer Interaction

BoS/CSE 8.3.5 :

TO CONFIRM AND APPROVE THE SYLLABUS OF SKILL ORIENTED COURSES OFFERED TO CSE AND ALLIED PROGRAMS

RESOLVED TO approve the corresponding syllabus for skill oriented courses offered for other departments.

Skill Oriented Course	WebApplication Development using Full Stack Module-3
Skill Oriented Course	English for Career
Skill Oriented Course	Deep Learning using Python

BoS/CSE 8.3.6:

TO CONFIRM AND APPROVE THE COURSES RATIFIED AS OPEN ELECTIVES DESIGNED BY OTHER DEPARTMENTS TO CSE AND ALLIED PROGRAMS

RESOLVED TO: The following Open electives approved by corresponding Department BOS are accepted and approved for CSE and Allied programs.

BoS	Open Elective 1 (III B.Tech I Sem)	Open Elective 2 (III B.Tech II Sem)	Open Elective 3 (IV B.Tech I Sem)	Open Elective 4 (IV B.Tech I Sem)
EEE	Fundamentals of Utilization of Electrical Energy	Concepts of Power System Engineering	Fundamentals of smart grid technologies	Basics of Electrical Measurements and Instrumentation
MECH	Robotics	Introduction to MEMS	Nano Technology and its Applications	Introduction to Operations Research
ECE	Microprocessors and its interfacing	IoT and its Applications	Introduction to Embedded Systems	Fundamentals of Digital Image Processing
Petroleum	Fundamentals Of Petroleum Engineering	Basic Concepts In Petroleum Drilling Engineering	Introduction To Petroleum Production Engineering	Basic Concepts In Petroleum Reservoir Engineering
MINING Engg	Elements of Mining Technology	Open Pit Slope Analysis and Design	Mining and Its Importance	Remote Sensing & GIS in Mining
Automobile Engg	Basic Automobile Engineering	Hybrid and Electric Vehicles	Modern Vehicle Technology	Alternative Energy Resources for Automotives
CIVIL Engg	Environmental Pollution & Control	Solid Waste Management	Building Technology	Safety Engineering

BoS/CSE 8.4 : TO CONFIRM AND APPROVE THE QUANTITATIVE APTITUDE AND REASONING SYLLABUS & MODEL QUESTION PAPERS FOR ALL ENGINEERING BRANCHES
RESOLVED TO approve the quantitative aptitude and reasoning course for all engineering branches and its model question papers. **(Annexure V)**

BoS/CSE 8.5 : **ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOS.**
On the whole, this new initiative was very much appreciated by all the members. The challenges faced can be periodically discussed with them. They also congratulated the faculty members for their team efforts towards continuing Education.

BoS/CSE 8.6 : **SUGGESTIONS GIVEN BY THE BOS MEMBERS**
8.6.1 : As per the EOA, if the new program CSE (Data Science) is approved for the A.Y. 2022-2023 by AICTE, the tentative course structure and syllabus for the following courses in I B.Tech (I & II Sem) related to CSE (Data Science) in GRBT-20 regulation are suggested and approved. **(Annexure-VI)**

- A. Problem Solving & Programming in C
- B. Computer Engineering Workshop
- C. Problem Solving & Programming in C Lab
- D. Fundamentals of Digital Electronics
- E. Data Structures
- F. Python Programming
- G. Data Structures Lab

8.6.2 : GATE related subjects should not be eliminated from the curriculum for all the three programs.

8.6.3 : UHV 2- Understanding Harmony course suggested by AICTE shall be made as a mandatory course.

8.6.4 : IV-II Project name suggested as "Project: Project work, Seminar & Internship" for CSE & allied programs.

8.6.5 : Suggested to include Python programming related experiments along with Weka Tool in "Data Mining Laboratory"

The members had a brainstorming discussion on all the course syllabi presented and the following suggestions were incorporated in the Syllabi.

Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

- a) The Course Structure and corresponding Syllabus for III and IV B.Tech UG degree programme to be offered under GRBT-20 regulation related to CSE.
- b) The course structure and corresponding syllabus for III Year UG degree programme to be offered under GRBT-20 regulation related to CSE (AI & ML) and CSE (Cyber Security).
- c) The Open Electives offered to other departments.
- d) Offering 'Quantitative aptitude and reasoning' course for all engineering branches.
- e) MOOCs: NPTEL/SWAYAM courses are offered in the Professional electives. Maximum of two MOOCs courses can be taken for 6 credits (each course 3 credits) in the complete B.Tech program. These courses shall be registered maximum of one year in advance but evaluated as per the course structure in corresponding following semesters.
- f) Job oriented courses shall be of domain specific with a L-T-P preferable (2-0-2) to include laboratory component. The syllabus must be approved by BoS members in advance.
- g) For every course, CO-PO mapping is mandatory along with PSOs.

Dr.Tamil Kodi, Prof. & HOD of CSE (AIML & CS) thanked all the members for their valuable suggestions and cooperation and meeting came to an end.


Head of the Department

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AGENDA FOR THE 8TH BOS MEETING
ON 04TH JUNE, 2022

REGULATION: GRBT-20

Date: 31/05/2022

Board Members / attendees Requested:

1. Dr. M.H.M. Krishna Prasad, Professor & Principal, JNTUK, Kakinada
2. Dr. USN Raju, Asst. Prof, NIT-Warangal
3. Mr. B. Mahesh, Senior Analyst, Bank of America, Hyderabad
4. Mr. Raja. M. S, Software Architect, Virtusa, Chennai
5. M. Sundari Jahnavi, R & D Member of Technical Staff -1, Product Development, AVEVA, Alumni of GIET (A), 2019.

1. Finalization of Regulation: GRBT-20
 - a) B. Tech Course Structures of CSE for 3rd & 4th Year
 - b) B. Tech Course Structures of CSE (AI & ML), CSE (Cyber Security) for 3rd Year only
 - c) B. Tech Syllabus of CSE for 3rd & 4th Year
 - d) B. Tech Syllabus of CSE (AI & ML), CSE (Cyber Security) for 3rd Year only.
 - e) Open Electives
 - f) AICTE LITE Programme
 - g) Quantitative Aptitude and Reasoning as Mandatory course.
 - h) Proposal of Data science Course
2. Any other related points.



BOS-Chairman

**(Dr. B. Sujatha, Professor & HOD
Dept. of CSE, GIET(A).)**

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