BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

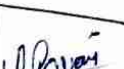
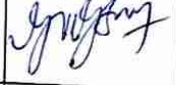
Date: 06/07/2024

The minutes of the meeting of the 2nd BOS meeting (Virtual mode) for the Department of **Civil Engineering** were held on 06-07-2024 in the department.

Members Present:

sno	Members	Name & Institution	Status of Attendance	signature
1	Chairman	Dr.MCS Madan Professor&HOD	PRESENT	
2	University Nominee	Dr. G. Yesuratnam B. Tech, M.S., Ph.D., M.I.S.T.E Director, IIIP & Training Professor of Civil Engineering, UCEK Jawaharlal Nehru Technological University Kakinada Kakinada-533003. East Godavari District, A.P. India. Email: geddadayesu@yahoo.co.in, geddadayesu1964@gmail.com Cell: 9848373238	PRESENT	
3	Subject expert from JNTUK from ME department	Dr. BhanavathuBalakrishna D.M.E., B. Tech., M.Tech., Ph.D., M.I.S.T.E., F.I.E. Professor in Mechanical Engineering & Director of Evaluation Jawaharlal Nehru Technological University Kakinada, Kakinada - 533 003 Email:balakrishnajntu06@gmail.com Cell: 8978618555	PRESENT	
4	Subject experts from outside the college	Dr. A. Murali Krishna Professor, Dept. of Civil & Environmental Engg. Dean, Planning & Infrastructure Indian Institute of Technology Tirupati Yerpedu - Venkatagiri Road, Yerpedu Post, Tirupati District - 517619, Andhra Pradesh. Phone: +91 877 250 3168 (O) Mobile: +91 83339 80223; +91 70860 46500 email: amk@iittp.ac.in, adapamk@gmail.com URL : http://facweb.iittp.ac.in/~mkrishna/ https://iittp.irins.org/profile/110472 Cell:94351 99213	PRESENT	
		Dr. B RaghuramKadali Assistant Professor Department of Civil Engineering NIT Warangal Warangal - 506004, India. Email: brkadali@nitw.ac.in Phone: +91-991-224-5124 Web page: https://sites.google.com/site/raghukadali/	PRESENT	
5	Representative from Industry	Er.P.Rajesh,Sr.Engineer(P)SDVVL Survey&Constructions,Kakinada Email; rajeshpathala8@gmail.com	PRESENT	

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

		Cell: 81216 52938		
6	Alumni Member	Mr.P.Chakradhar Prasad Asst. Professor,Department of CE DNR College of Engineering Technology, Bhimavaram Email:chakradharprasad499@gmail.com Cell: 8184861079	PRESENT	
7	Member	Ms.Y.Pavani ,Asst. Professor, Dept. of CE , BVCITS .AMP. Specialization : Soil Mechanics & Foundation Engineering	PRESENT	
8	Member	Ms.V.R.L.SaiSree,Asst.Prof,Dept of CE,BVCITS,AMP.Specialization : Soil Mechanics & Foundation Engineering	PRESENT	
9	Member	Mr.B.Sai Chaitanya,Asst.Prof,Dept of CE,BVCITS,AMP.Specialization : Structural Engineering	PRESENT	
10	Member	Mr.P.Sivanadh,Asst.Prof,Dept of CE,BVCITS,AMP.Specialization : Structural Engineering	PRESENT	
11	Member	Mr.Y.G.V.G. Seshubabu,Asst.Prof,Dept of CE,BVCITS,AMP.Specialization : Structural Engineering	PRESENT	
12	Member	Er. K. Satya Mahesh, Asst.Prof, Dept of CE,BVCITS,AMP.Specialization : Environmental Engineering	PRESENT	
13	Member	Mr. M. Eswara Sai Kumar, Asst. Prof, Dept of CE, BVCITS,AMP.Specialization : Structural Engineering	PRESENT	

For Example:
Marks obtained in first mid: 25
Marks obtained in second mid: 20
Final mid semester Marks: (25x0.8) + (20x0.2) = 24
If the student is absent for any one midterm examination, the final mid semester marks shall be arrived at by considering 80% weightage to the marks secured by the student in the appeared examination and zero to the other.
For Example:
Marks obtained in first mid: Absent
Marks obtained in second mid: 25
Final mid semester Marks: (25x0.8) + (0x0.2) =20
End Examination Evaluation:
The end examination of theory subjects shall have the following pattern:
There shall be 6 questions and all questions are compulsory.
Question I shall contain 10 compulsory short answer questions for a total of 20 marks such that each question carries 2 marks.
There shall be 2 short answer questions from each unit.
In each of the questions from 2 to 6, there shall be either/or type questions of 10 marks each. Students shall answer any one of them.
The questions from 2 to 6 shall be set by covering one unit of the syllabus for each question.
End examination of theory subjects consisting of two parts of different subjects, for example, Basic Electrical &Electronics Engineering shall have the following pattern:

- Question paper shall be in two parts viz., Part A and Part B with equal weightage of 35 marks each.
- In each part, question 1 shall contain 5 compulsory short answer questions for a total of 5 marks such that each question carries 1 mark.
- In each part, questions from 2 to 4, there shall be either/or type questions of 10 marks each. Students shall answer any one of them.
- The questions from 2 to 4 shall be set by covering one unit of the syllabus for each question.

PRACTICAL COURSES

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

- For practical courses, there shall be a continuous evaluation during the semester for 30 sessional marks and end examination shall be for 70 marks.
- Day-to-day work in the laboratory shall be evaluated for 15 marks by the concerned laboratory teacher based on the record/viva and 15 marks for the internal test.
- Students have to submit a field/industrial/internship report i.e. like a mini project report for internal evaluation.
- The end examination shall be evaluated for 70 marks, conducted by the concerned laboratory teacher and a senior expert in the subject from the same department.

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

THEORY COURSES

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

For theory subject, the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End-Examination.
For practical subject, the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End- Examination.
If any course contains two different branch subjects, the syllabus shall be written in two parts with 3 units each (Part-A and Part-B) and external examination question paper shall be set with two parts each for 35 marks.
If any subject is having both theory and practical components, they will be evaluated separately as theory subject and practical subject. However, they will be given the same subject code with an extension of 'T' for the theory subject and 'P' for the practical subject.

Continuous Internal Evaluation
For theory subjects, during the semester, there shall be two midterm examinations. Each midterm examination shall be evaluated for 30 marks of which 10 marks for objective paper (20 minutes duration), 15 marks for subjective paper (90 minutes duration), and 5 marks for assignment.
Objective paper shall contain for 05 short answer questions with 2 marks each or maximum of 20 bits for 10 marks. The subjective paper shall contain 3 either-or-type questions (a totally of six questions from 1 to 6) of which the student has to answer one from each either-or-type of question. Each question carries 10 marks. The marks obtained in the subjective paper are condensed to 15 marks.

Note:
The objective paper shall be prepared in line with the quality of competitive examination questions.
The subjective paper shall contain 3 either or type questions of equal weightage of 10 marks. Any fraction shall be rounded off to the next higher mark.
The objective paper shall be conducted by the respective institution on the day of subjective paper test.
Assignments shall be in the form of problems, mini projects, design problems, slip tests, quizzes etc., depending on the course content. It should be continuous assessment throughout the semester and the average marks shall be considered.
If the student is absent for the mid-semester examination, no re-exam shall be conducted and mid-semester marks for that examination shall be considered as zero.
First midterm examination shall be conducted for I, II units of syllabus with one either or type question from each unit and third either or type question from both the with one either or type question from each unit.
Final mid-semester marks shall be arrived at by considering the marks secured by the student in both the mid-examinations with 80% weightage given to the better mid-exam and 20% to the other.

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

The Course Structure of 1"B.Tech(IT) I-Sem is presented before the BOS Members and asked for any changes in the courses the Department of CE offers. All the BOS members accepted this course structure and ratified the same.

Discussion on Proposed Syllabus of Courses Offered by Department (BCME, Engineering Graphics Engineering Workshop LAB) in IB.Tech(IT) I Sem and Ratification of the same.

Item No: 3

Discussion on Proposed Course Structure of II B.Tech I-Sem and ratification of the same.

II B.Tech I Semester (CE)

S No	Category	Course Code	Title	L	T	P	Credits
1	BSC	23BS3T01	Numerical Techniques And Statistical Methods	3	0	0	3
2	HSMC	23HM3T01	Universal human values - understanding harmony and Ethical human conduct	2	1	0	3
3	ESC	23ES3T01	Surveying	3	0	0	3
4	PCC	23CE3T02	Strength of Materials	3	0	0	3
5	PCC	23CE3T03	Fluid Mechanics	3	0	0	3
6	PCC	23CE3L04	Surveying Lab	0	0	3	1.5
7	PCC	23CE3L05	Strength of Materials Lab	0	0	3	1.5
8	SEC	23SC3L01	Building Planning and Drawing	0	1	2	2
9	AC	23NC3T01	Environmental Science	2	0	0	0
Total				16	2	8	20

The Course Structure of 1Ind B.Tech I-Sem is presented before the BOS Members and asked for any changes in the courses offered by Department of CE. All the BOS members accepted this course structure and ratified the same.

Proposed Syllabus of the Courses Offered by the Department of CE is presented before the BOS Members and asked for the modifications if any. Dr. B.Raghuram Kadali, NIT.W, suggested for Strength of materials (II-I) to add few more online web resource links and to remove some text books and reference books as the list of text books suggested are more in number. As per the suggestions given by BOS members syllabus is modified without deviating the norms and ratified the same.

Item No: 4

Discussion on Proposed Course Structure of II B.Tech II-Sem and Ratification of the same.

IIB.Tech II Semester (CE)

S No	Category	Course Code	Title	L	T	P	Credits
1	HSMC	23HM4T02	Managerial Economics and	2	0	0	2

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

Date: 06/07/2024

Meeting Agenda:
Item No:1
Discussion on Academic Regulations BR-23
Item No: 2
Discussion on Proposed Course Structure of I-I B.Tech(IT)& Ratification of the same
Discussion on Proposed Syllabus of Courses Offered by Department in I-IB.Tech
Item No:3
Discussion on Proposed Course Structure of II-I B.Tech(CE)& Ratification of the same
Discussion on Proposed Syllabus of Courses Offered by Department in II-IB.Tech(CE)
Item No:4
Discussion on Proposed Course Structure of II-II B.Tech(CE) & Ratification of the same
Discussion on Proposed Syllabus of Courses Offered by Department in II-IIB.Tech(CE)
Item No:5
Discussion on Proposed Model Question Papers of Theory and Lab Courses
Item No:6
Any Other Points raised by BOS Members

Item No:1
Discussion on Academic Regulations BR-23
All the BOS members discussed the proposed R-23 regulations and accepted the same without any modification. Hence the BR-23 regulations were ratified.

Item No:2
Discussion on Proposed Course Structure of IB.Tech(IT) I-Sem and Ratification of the same.

I-B.Tech - I Semester (IT Branch)

s.no	CODES	Title	L/D	T	P	Credits
1	23BS1T03	Chemistry	3	0	0	3
2	23BS1T02	Linear Algebra and Calculus	3	0	0	3
3	23ES1T03	Basic Civil & Mechanical Engineering	3	0	0	3
4	23ES1T04	Engineering Graphics	1	0	4	3
5	23ES1T02	Introduction To Programming	3	0	0	3
6	23ES1L03	I T WorkShop	0	0	2	1
7	23BS1L02	Chemistry Lab	0	0	2	1
8	23ES1L02	Computer Programming Lab	0	0	3	1.5
9	23ES1L04	Engineering Workshop Lab	0	0	3	1.5
10	23HM1L03	NSS/NCC/Scouts & Guides/ Community Service	-	-	1	0.5
		Total	13		15	20.5

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

2	ESC	23ES4T07	Financial Analysis	3	0	0	3
3	PCC	23CE4T01	Engineering Geology	3	0	0	3
4	PCC	23CE4T02	Concrete Technology	3	0	0	3
5	PCC	23CE4T03	Structural Analysis	3	0	0	3
6	PCC	23CE4L04	Hydraulics &Hydraulic Machinery	3	0	0	3
7	PCC	23CE4L06	Concrete Technology Lab	0	0	3	1.5
8	SEC	23SC4L05	Engineering Geology Lab	0	0	3	1.5
9	ESC	23ES4L08	Remote Sensing &Geographical Information Systems	0	1	2	2
10	MC	23NC4T02	Design Thinking & Innovation	1	0	2	2
		23CSPL01	Building materials and Construction	3	0	0	0
			Mandatory Community Service Project Internship of 08 weeks duration during summer vacation				
Total				18	1	10	21

The Course Structure of 1Ind B.Tech II-Sem is presented before the BOS Members and asked for any changes in the courses offered by Department of CE. All the BOS members accepted this course structure and ratified the same.

Proposed Syllabus of the Courses Offered by the Department of CE is presented before the BOS Members and asked for the modifications if any. Dr.A.Muralikrishna, IITT suggested to add Soil Minerology topic in unit I of Engineering Geology course, similarly for lab course, he suggested removing some examples of minerals from mineralogy part and suggested to add a problem in bore hole data experiment on strike and dip for a given data.

For Structural Analysis (SA) course, Dr.A.MuraliKrishna, (IITT), has suggested a new topic lateral load analysis using appropriate methods in Unit I and also suggested to add Kani's Methods& Matrix Method in Unit V. All the suggestions were considered, and the syllabus was modified as discussed and then ratified.

Item No: 5

Discussion on Proposed Model Question Papers of Theory and Lab Courses of BR-23

The model question papers for mid and end examinations as per BR23 regulations were prepared and presented before the BOS Committee for ratification of the question paper. All the members were accepted the same and ratified.

Evaluation Process

The performance of a student in each semester shall be evaluated subject wise with a maximum of 100 marks for theory and 100 marks for practical subject. Summer Internships shall be evaluated for 50 marks, Full Internship &Project work in final semester shall be evaluated for 200 marks, and mandatory courses with no credits shall be evaluated for 30 mid-semester marks.

BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

A student has to secure not less than 35% of marks in the end examination and a minimum of 40% of marks in the sum total of the mid semester and end examination marks taken together for the theory, practical, design, drawing subject or project etc. In case of a mandatory course, he/she should secure 40% of the total marks.

- Procedure: 20 marks
- Experimental work & Results: 30 marks
- Viva voce: 20 marks.
- In a practical subject consisting of two parts (Eg: Basic Electrical &Electronics Engineering Lab), the end examination shall be conducted for 70 marks as a single laboratory in 3 hours. Mid semester examination shall be evaluated as above for 30 marks in each part and final mid semester marks shall be arrived by considering the average of marks obtained in two parts.

For the subject having design and/or drawing, such as Engineering Drawing, the distribution of marks shall be 30 for mid semester evaluation and 70 for end examination.

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

Day-to-day work shall be evaluated for 15 marks by the concerned subject teacher based on the reports/submissions prepared in the class. And there shall be two midterm examinations in a semester for duration of 2 hours each for 15 marks with weightage of 80% to better mid marks and 20% for the other. The subjective paper shall contain 3 either or type questions of equal weightage of 5 marks. There shall be no objective paper in the mid-semester examination. The sum of day-to-day evaluation and the mid-semester marks will be the final sessional marks for the subject.

The end examination pattern for Engineering Graphics shall consist of 5 questions, either/or type, of 14 marks each. There shall be no objective-type questions in the end examination. However, the end examination pattern for other subjects related to design/drawing, multiple branches, etc is mentioned along with the syllabus.

f)There shall be no external examination for mandatory courses with zero credits. However, attendance shall be considered while calculating aggregate attendance and the student shall be declared to have passed the mandatory course only when he/she secures 40% or more in the internal examinations. In case, the student fails, re-conditions are mentioned in items 1 & 2 of the regulations.

g)The laboratory records and mid-semester test papers shall be preserved for a minimum of 3 years in the respective institutions as per the University norms and shall be produced to the Committees of the University as and when the same is asked for.

Item No: 5

Any Other Points raised by BOS Members

As per the suggestions given by the subject experts Dr.A.Murali Krishna (IITT) and Dr.Raghuram K(NIT, Warangal), their suggestions are included in the syllabus. The syllabus for the IIBTech I semester and II BTech II semester of CE has been approved by the member present.

Finally, the Chairman of BOS thanked all the members for their valuable input and active participation in the meeting.