VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

An Autonomous Institution

Aziznagar Gate, C.B. Post, Hyderabad - 500 075, Telangana.

(Accredited by NAAC & NBA)

ACADEMIC COUNCIL MINUTES

12th Academic Council Meeting on 6th July,2020

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
An Autonomous Institution
(Accredited by NAAC & NBA, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH)
Aziz nagargate, C.B. Post, Hyderabad - 500 075

Members of the Academic Council present on 6th July 2020
12th Academic Council Meeting at 11:00 AM

S.No.	Name of the Member	Position	Signatures
1	Dr E. Sai Baba Reddy	Chairman	
2	Dr. A. Padmaja	Vice-Chairperson	
3	Dr P.Venugopal Reddy	Member	
4	Dr G. Tulasi Ram Das	(JNTU Nominee) Member	
5	Dr M. Anji Reddy	(JNTU Nominee) Member	
6	Dr N.V. Ramanna	(JNTU Nominee) Member	
7	Dr G. Sreeram Reddy	Member	
8	Dr. K. Srujana	Member	
9	Dr Siddharth Ghosh	Member	
10	Dr B. Vijaya Kumar	Member	
11	Dr K. Vasanth	Member	
12	Dr Pallavi Badry	Member	
13	Dr P. Chakradhar	Member	
14	Dr Ravi Mathey	Member	
15	Mr. B. Srinivasulu	Member	
16	Mr. M. Rajendra Prasad	Member	
17	Dr B.G. Reddy	Member	
18	Dr V.V. Satyanarayana	Member	
19	Dr P. Rajeshwar Reddy	Member	
20	Mrs. S. Neelima	Member	
21	Dr Balaji Utla	Member	
22	Dr M.V. Krishna Murthy	Member	
23	Sri S. Niranjan Reddy	Member	
24	Dr. M. Mutha Reddy	Member	
25	Dr. D. Aruna Kumari	Member	
26	Mr. R. Venkata Chalam	Member	
27	Mrs. G. Srilatha	Member Secretary	

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Minutes of 12th Academic Council Meeting held on 6th July 2020

Director, VJIT has invited all the members of Academic Council. The Academic Council has placed on record their thanks and appreciation to Dr. P. Venugopal Reddy the former Director, VJIT for his services rendered to VJIT.

Points Discussed in the Meeting

1.0 To approve Course Structure and Syllabi of B. Tech II, III and IV B. Tech courses of R-18 & R-19 Regulations

Director informed that, the BoS members of departments had meetings and finalised the Course Structures and Syllabi in the month of June 2020. The members of BoS have studied the Course Structure and Syllabi of B.Tech II,III and IV year of R-18 & R-19 regulations and approved. The same has been presented to Academic council Members.

During the meeting, a discussion on revision of course structure and syllabus of EEE was initiated by Dr. M.V. Krishna Murthy. He opined that, the Course Structure of EEE has a heavy dose of core Electrical Engineering with less proportion of Electronics. He felt that the current course structure was designed keeping in view the needs of state electricity boards and few heavy industries, but currently there are lot of opportunities in private sector for EEE students which need exposure to some basic Electronics courses. It was advised to include a few courses related to Electronics and Communication Engineering like Analog Electronics, VLSI design, Digital Signal Processing to make the course up-to-date to meet the current day challenges and to enhance the placement opportunities for the students.

Prof G. Tulasi Ram Das, University Nominee has suggested the following modifications in Professional Electives of EEE.

- PE-1: Remove the subject Electrical Estimation and Costing and add Digital Signal Processing (DSP)

- PE-2: Integrated Circuits Analysis

- PE-3: No change is required

- PE-4: Remove any one course of your choice and add Embedded System Design (ESD)

Dr. Krishna Murthy has also suggested a few modifications to the Course Structure and Syllabi of CSE, IT, AI and AI & DS.

- A Combined lab for Python and Data structures in 3rd semester. As this would/may dilute rigor of Data Structures which would need a full-time lab. A strong foundation in Data Structures is needed not only for campus placement, but also for a day-to-day work of any software engineer.

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- In the case of AI & DS, 2nd Semester course has been exclusively dedicated to Data Structures, which is commonly followed in CS programmes of most universities. CS and IT can adopt the same pattern.

- It was suggested to make the language courses more lab oriented. Students should be provided variety of exercises to enhance their problem solving capability in the lab which would help them in their placements. The theory credits should be reduced and proportionally lab credits should be enhanced.

- It was further expressed that the Curriculum is loaded with Language Courses, so instead of too many languages, it should encourage students to pick these Language Courses online at Coursera or similar forums. In stead of different language courses, a specific course on illustrating the differences in various programming paradigms/languages (e.g. Procedural, object-oriented, functional and logical) would be more helpful.

- Dr M V Krishnamurthy & Dr Utla Balaji opined that the subject of Software Engineering may be removed or made elective for a variety of reasons. The course is very dry and a student can understand and appreciate it only if he had already undertaken some big projects. It can be taught in a meaningful way by a faculty with some industry experience who had already managed some big development projects. Most of the topics in the syllabus are not relevant to current industry practices. Because of these reasons, most of the premium institutions had already removed this course from undergrad curriculum.

- It was also discussed by Dr M.V. Krishna Murthy and Dr Balaji Utla that, there was a need to introduce Course on Design Thinking as it has been gaining prominence. Director also felt that the Design Thinking course need to be introduced for all the branches.

- AI, AI & DS: Dr Krishnamurthy mentioned that he reviewed the course structure and syllabi of these courses twice as a BOS member and his suggestions were already incorporated.

ECE: The Members felt that ECE Course has been well designed, up-to-date and well balanced with theory and labs. In the 3rd Semester, Object Oriented Programming is taught through Java without a lab. It was suggested to have a lab component by suitably adjusting the credit structure. It was suggested to offer Electives in Cryptography and Quantum Physics. Cryptography is essential for secure communications and Quantum Physics is an emerging field and is the basis for quantum computers and communications.

- As per the suggestions given by members, Director stated that they will be reviewed with respective members of BoS and the course structure and syllabi will be finalised. Director further informed the members that, the course structure and syllabi will be placed on the website of the Institute.

With all the above significant and valued suggestions given by the Academic Council Members, the Academic Council approved the Course Structure and Syllabus of R-18 & R-19 B. Tech II, III & IV year. Director informed the Academic Council Members that the suggestions given are highly appreciable and shall be engaged with true spirit. Director pointed out that the suggestions will be accomplished in a phased manner by referring to the respective BoS, following the University & and the Autonomous Norms.

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2.0 To approve the syllabus changes in R-19 B. Tech I year.

Director has presented the Course Structure and Syllabus of I year Courses. Discussion has been made on syllabus and approved the change in Syllabus.

3.0 To approve the implementation of Fast Track Curriculum Scheme to R-18 and R-19 regulations.

It has been discussed in 10th Academic Council meeting held on 7th December 2019 with the following points.

- With a view to encourage the merit students to take up Internships as per the guidelines of AICTE.
- A student at the end of B. Tech III year I semester and at the end of B. Tech III year II semester either having CGPA of $\geq$ 7.0 or having passed all the previous courses in one attempt with a minimum SGPA $\geq$ 5.0 is allowed to register for the additional theory courses.
- The student can take one extra subject in each semester and can complete the program in 3 ½ years but the original degree will be issued along with his/ her batch mates after completing 4 years of stay in the college.
- A subject/ course may be offered to the students, only if a minimum of 30 students opt for it. The maximum strength of a section is limited to 70.

This has been implemented for the Academic year 2019-20 (for the batch of 2017-21). The rules of the Fast Track Curriculum Scheme will be included in the Revised Academic Regulations of 2020-21

4.0 To discuss about the promotion of B. Tech I, II and III year students to B. Tech II, III and IV years respectively.

It has been discussed and decided to follow as per the University Norms.

5.0 To approve the conduction of online class work to II, III and IV B. Tech years first semester for the Academic Year 2020-21.

Members approved for the online class work for the Academic Year 2020-21.

6.0 To approve the Academic Calendar for B. Tech II, III and IV year Courses.

The Members of the Council approved the Academic Calendar for the B. Tech II, III and IV years. **(Enclosure Annexure – I)**

7.0 To modify the Academic Regulations by deleting allotment of marks for attendance instead grant it for Quiz/Assignments.

The members approved to remove the marks for attendance and instead opined to give the marks for Assignments and Quizzes.

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8.0 To approve the minor corrections in the Earlier Academic Regulations.

Members approved the Corrected Academic Regulations.

9.0 To approve the Academic Regulations for the B. Tech First Year in a single book and along with the four year Course Structure.

Members approved to issue 1 B. Tech students the Academic regulations along with the all the 4 years Course Structure and Syllabus in a single book.

10.0 To approve conducting Examinations for the 4th B.Tech Final Semester 2016-20 batch (4th Year 2nd Semester) Students with a reduced time schedule.

Members approved to conduct Examinations for the 4th B.Tech 2nd Semester students as per the Guidelines of UGC.

11.0 To approve to the Challenge Valuation Facility to Students on the End Semester Results, after the Revaluation & Recounting has been released.

Members approved the Challenge Valuation Facility to Students on the End Semester Results, after release of Revaluation & Recounting results.
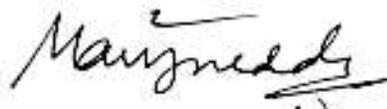
12.0 To approve the pattern for the Online Examination and Internal Valuation for Mid Term and End Term Examinations – (2016 – 20 batch)

Members approved the pattern for the Online Examination and also Internal Valuation for Mid Term and End Term Examinations (**Enclosure Annexure – II**)

13.0 To approve for the re-registration facility to B.Tech., students to reappear for the Mid Term Examinations those students who have failed due to shortage of internal marks. This chance is provided to them only after the completion of their four years of course work.
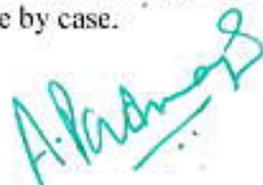
Members approved for, B.Tech Students are permitted to re-register for any course if a Student failed because of Poor Internal Marks. This re-registration of courses is permitted only after completing the B.Tech course work. Since the Students have satisfied the B.Tech Course work they need not attend the classes. Further this chance is permitted up to a maximum period of double the duration of the course.

If a Student wishes to re-register beyond this period he/she has to apply for special consideration to the College. Based on the conditions presented the College Administration may consider case by case.
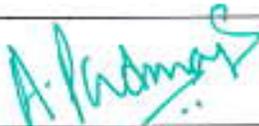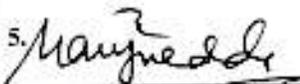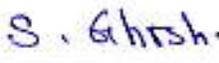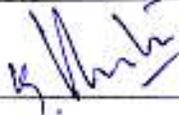
Signatures of the members

1.	2.	3.	4.
(Dr E. Sai Baba Reddy)	(Dr A. Padmaja)	(Dr P. Venugopal Reddy)	(Prof G.Tulsai Ram Das)
5.	6.	7.	8.
(Prof M. Anji Reddy)	(Prof N.V. Ramana)	(Dr G. Sreeram Reddy)	(Dr A. Srujana)
9.	10.	11.	12.
(Dr Siddhartha Ghosh)	(Dr B. Vijaya Kumar)	(Dr K. Vasanth)	(Dr Pallavi Badry)
13.	14.	15.	16.
(Dr P. Chakradhar)	(Dr Ravi Mathey)	(Mr B. Srinivasulu)	(Mr M.Rajendra Prasad)
17.	18.	19.	20.
(Dr B.G. Reddy)	(Dr V.V. Satyanarayana)	(Dr P. Rajeshwar Reddy)	(Mrs S. Neelima)
21.	22.	23.	24.
(Dr. Balaji Utla)	(Dr M.V. Krishna Murthy)	(Sri S. Niranjan Reddy)	(Dr M. Mutha Reddy)
25.	26.	27.	
(Dr D. Aruna Kumari)	(Mr R. Venkata Chalam)	(Mrs G. Srilatha)	
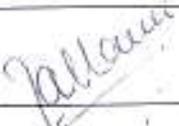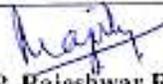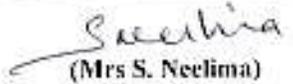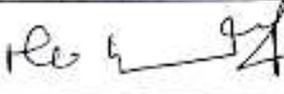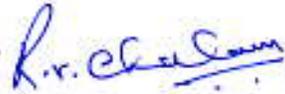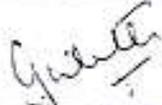
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(Aziz Nagar, C.B.Post, Hyderabad -500075)

ACADEMIC CALENDAR FOR II, III & IV B.Tech I SEMESTER FOR THE YEAR 2020-21

| FIRST SEMESTER	Commencement of Class work : 13.07.2020		
	FROM	TO	DURATION
I Spell of Instruction (Online)	13.07.2020	19.09.2020	10 Weeks
I Mid Examinations	21.09.2020	26.09.2020	1 Week
II Spell of Instructions (Online)	28.09.2020	16.10.2020	3 Weeks
Dussehra Holidays	17.10.2020	25.10.2020	9 Days
II Spell of Instructions Continuation (Online/Offline)	26.10.2020	14.11.2020	3 Weeks
II Mid Examinations	16.11.2020	21.11.2020	1 Week
Practical Examinations	23.11.2020	28.11.2020	1 Week
III Mid Examinations	01.12.2020	03.12.2020	3 Days
End Semester Examinations	04.12.2020	19.12.2020	2 Weeks
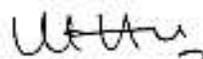
COE

DEAN,Exams.

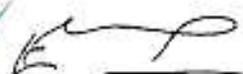DIRECTOR

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R15

B.Tech. IV Year II Semester Mid -II Examinations, JULY/AUG-2020

SUBJECT: **BRANCH :**

Time: 1 Hour   **Max. Marks:20**

Note: This question paper contains two *Parts A and B.*

Part A is compulsory answer all questions Each answer carries 1 Mark.

Part B consists of 8 questions . Answer any five questions. Each answer carries 2 Marks

Bloom's Level:

Remember	L1	Analyze	L4
Understand	L2	Evaluate	L5
Apply	L3	Create	L6

PART - A 10QX1M=10M		Bloom's Level	Marks
ANSWER ALL QUESTIONS (MCQ'S/FILL IN THE BLANKS)			
1	UNIT-III	L1-L6	1M
2	UNIT-III	L1-L6	1M
3	UNIT-IV	L1-L6	1M
4	UNIT-IV	L1-L6	1M
5	UNIT-IV	L1-L6	1M
6	UNIT-IV	L1-L6	1M
7	UNIT-V	L1-L6	1M
8	UNIT-V	L1-L6	1M
9	UNIT-V	L1-L6	1M
10	UNIT-V	L1-L6	1M
PART - B 5QX2M=10M			
ANSWER ANY FIVE QUESTIONS (DESCRIPTIVE - Your answer should be in 1 to 2 lines)		Bloom's Level	Marks
1	UNIT-III	L1-L6	2M
2	UNIT-III	L1-L6	2M
3	UNIT-IV	L1-L6	2M
4	UNIT-IV	L1-L6	2M
5	UNIT-IV	L1-L6	2M

6	UNIT-V	L1-L6	2M
7	UNIT-V	L1-L6	2M
8	UNIT-V	L1-L6	2M

VJIT(A)

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R15

B.Tech. IV Year II Semester Examinations, JULY/AUG-2020

SUBJECT: **BRANCH :**

Time: 2 Hours   **Max. Marks:75**

Note: This question paper contains two *Parts A and B*.

Part A is compulsory answer all questions which carries 1 Mark.

Part B consists of 5 Units . Answer any ten questions.

Bloom's Level:

Remember	L1	Analyze	L4
Understand	L2	Evaluate	L5
Apply	L3	Create	L6

	PART - A 25 MARKS	Bloom's Level	Marks
	ANSWER ALL QUESTIONS (MCQ'S/FILL IN THE BLANKS)		
1	UNIT-I (5 QUESTIONS) - MCQ's/ FILL IN THE BLANKS	L1-L6	5M
2	UNIT-II (5 QUESTIONS) - MCQ's/ FILL IN THE BLANKS	L1-L6	5M
3	UNIT-III (5 QUESTIONS) - MCQ's/ FILL IN THE BLANKS	L1-L6	5M
4	UNIT-IV (5 QUESTIONS) - MCQ's/ FILL IN THE BLANKS	L1-L6	5M
5	UNIT-V (5 QUESTIONS) - MCQ's/ FILL IN THE BLANKS	L1-L6	5M
	PART - B 10QX5M=50M		
	ANSWER ANY TEN QUESTIONS (DESCRIPTIVE- Your answer should be in 3 to 4 lines)	Bloom's Level	Marks
1	UNIT-I	L1-L6	5M
2	UNIT-I	L1-L6	5M
3	UNIT-I	L1-L6	5M
4	UNIT-II	L1-L6	5M
5	UNIT-II	L1-L6	5M
6	UNIT-II	L1-L6	5M
7	UNIT-III	L1-L6	5M
8	UNIT-III	L1-L6	5M
9	UNIT-III	L1-L6	5M
10	UNIT-IV	L1-L6	5M
11	UNIT-IV	L1-L6	5M

12	UNIT-IV	L1-L6	5M
13	UNIT-V	L1-L6	5M
14	UNIT-V	L1-L6	5M
15	UNIT-V	L1-L6	5M

VJIT(A)

Proposed Online Examination Pattern

As per the guidelines (Due to COVID-19) of UGC, it is proposed by the college to conduct 4/2 semester (2nd mid exam as well as the End Semester Examinations) in an ONLINE MODE.

The new patterns for online exams are as follows.

1. The midterm examination will be conducted for 20 marks and consists of Part-A (MCQ's /Fill in the Blanks) for 10 marks and Part-B (Very Short Answer Questions) for 10 marks. Any 5(Open Choice) very short answer questions out of 8 are to be answered. Time duration for the exam is 60 minutes. Midterm examination shall be conducted for 2.5 units (from Half of III unit, IV& V units).

2. The Semester End Examination will be conducted for 75 marks and consist of two parts viz. Part-A and Part-B.

   i). Part-A for 25 marks and consists of 25 compulsory questions. 5 MCQ's/ Fill in the Blanks from each of the 5 Units.

   ii). Part -B for 50 marks and consists of 15 short answer questions, 3 questions from each of the 5 Units. Any 10 (Open Choice) questions are to be answered.

   Time duration for the exam is 120 minutes. End Semester examination is conducted for all the 5 units.

3. In normal circumstances, the Question Papers for End Semester Examinations are used to set by an expert from outside the college from among the teachers list given by the HOD of department. Now for want of time, it has been decided to set the question papers within the college by the teachers who taught the subject.

4. Normally the valuation of the answer scripts of semester examination are used to value by the outsiders. In contrast, for want of time, the evaluation of the present examinations will be carried out by the teachers of the college (Internal) itself.

Signatures (University Nominees of the Academic Council)

1. Prof. G Tulasiram Das

2. Prof. M Anji Reddy

3. Prof. N V Ramana