CIRCULAR

No.VCE/CBCS/2017   16th January, 2017

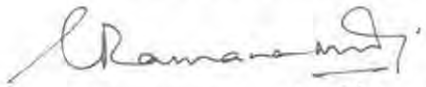**Sub : Implementation of Choice Based Credit System (CBCS) – Reg.**

Ref : 1) Minutes of 4th meeting of Board of Studies of all Departments.
      2) Minutes of 5th Academic Council meeting held on 17.09.2016.
      3) 18th Minutes of meeting of Board of Governors held on 22.12.2016.

The HoDs are requested to note that the decisions taken in the respective Boards of Studies have been ratified by the Academic Council and Board of Governors of the College in the meetings as cited above in respect of introduction of Choice Based Credit System from the academic year 2016-17. In this connection, it is informed that the content of the courses (subject) is designed/revised for B.E., M.E./M.Tech and MCA Programmes with effect from the academic year 2016-17, for the implementation of Choice Based Credit System (CBCS).

In line with the guidelines, CBCS allows for offering Open Elective Courses, Professional Elective Courses apart from the core courses. All the faculty and students are therefore requested to note the above.

The students shall have to register for these courses at the beginning of each semester.

Therefore, the HoDs are requested to give wide publicity amongst students and faculty.

Principal   16.1.2017

To

The HoDs for information and necessary action.

Copy to file

Agenda for third Academic Council to be held on 18.06.2016

1   Introduction of new members

2   To confirm the minutes of the meeting held on 13.07.2015.

3   Action Taken Report on the resolutions of MoM dated 13.07.2015

    (a)   Medical condonation
    (b)   Revision of class duration from 50 minutes to one hour
    (c)   Renaming service courses as interdisciplinary courses

4   Approval for the resolutions taken in HoDs meetings on routine academic matters

5   Approval for the scheme of instruction and curriculum of 3/4 B.E- 1st & 2nd semesters (AY 2016-17) under autonomy finalized by respective BOS.

6   Revision in the Scheme of instruction of 2/4 B.E program (AY 2016-17)

7   Revision in the syllabi of Finishing School course offered in 1st & 2nd semesters of 2/4 B.E program (AY 2016-17)

8   Revision in Human Values and Professional Ethics course/subject to 2/4 B.E (AY 2016-17)

9   Introduction of Human Values and Professional Ethics course/subject to 3/4 B.E (AY 2016-17)

10   PG program in Engineering – Pre-submission and award of Grades to M.E./M.Tech Project/Dissertation under Autonomy

11   Approval of new curriculum of 3/3 MCA under autonomy finalized by its BoS (AY 2016-17)

12   Revision in the Scheme of instruction of 1/3 MCA and 2/3 MCA

13   Accreditation status of UG programs

14   Accreditation status of PG programs

15   College Ranking by various survey agencies for the year 2016-17

16   Implementation of CBCS system with effect from the Academic Year 2016-17

17   Any other matter with permission of the chair.

Vasavi College of Engineering (Autonomous)
Ibrahimbagh, Hyderabad – 500 031

Notes on Agenda Items for 3rd Academic Council to be held at 11.00 a.m. on 18.06.2016

1. **Introduction of new members:**
   The Osmania University, vide its letter No. 396/H/2015-16/Acad.IV-1, dated 30th May, 2016, has nominated the following as members on the College Academic Council:

   - Prof. M. Kumar, Department of Civil Engineering, UCE
   - Prof. Prof. G. Yesu Ratnam, Dept. of Electrical & Electronics Engineering, UCE
   - Prof. P. Ushasree, Dept. of Mechanical Engineering, UCE

   The above nominees will be the members of the Academic Council of the College.

2. **Confirmation of the minutes of the 2nd Academic Council held on 13.07.2015:**
   The minutes of the first Academic Council meeting held on 13.07.2015 were read and confirmed.

3. **Action Taken Report on the resolutions of MOM dated 13.07.2015:**

Item No.	Council approval/ Recommendation	Action Taken
3.2	Medical condonation	As advised by the Academic Council and after approval accorded by the BoG during the meeting held on 28th July, 2015 (13th BoG), a Committee has been constituted to frame rules & regulations for any student with chronic ailments and disorders requiring medical condonation facility. The Committee has recommended as follows:
		• The *required attendance percentage of a student* to be eligible to appear for semester examination even on chronic medical grounds shall be 65% only.
		• There is no need to separately consider the cases of students, with chronic ailments and disorders on case to case basis. They shall be subject to the same rule as applicable to those who apply for regular medical condonation, as the principle behind 65% is that if a student has not attended even 65% of the classes, then he/she is hot adequately prepared to appear for the examination.
		The BoG, in its meeting held on 21.11.2015 (14th BoG), has approved the above recommendations.
4	Revision of class duration from 50 minutes to one hour	It is proposed to enhance the duration of the class from 50 minutes to one hour under CBCS system to be implemented w.e.f. the academic year 2016-17.
11	Renaming service courses as interdisciplinary courses	As suggested, the Service Courses are being renamed as "Interdisciplinary Courses".

4. **Approval for the resolutions taken in HoDs meetings on routine academic matters:**

HoDs meetings are conducted regularly every month on first Saturday to discuss routine academic activities.

Ratification of final attendance reports of B.E. 1st year to 4th year II-Semester courses:
During the HoDs meeting held on 29.04.2016, it was decided to give medical condonation/detain the students from 1st year to 4th year B.E. II-Semester due to shortage of attendance. The summary of the students availing medical condonation and detained students is given below:

S.No	Name of the Branch/ Section	No.of students							
		I year B.E		2nd year B.E		3rd year B.E		4th year B.E	
		MC	Detained	MC	Detained	MC	Detained	MC	Detained
1	CIVIL	01	-	01	01	03	-	05	-
2	EEE	05	-	02	-	06	-	33	-
3	ECE-A	-	-	01	01	03	-	10	-
4	ECE-B	-	-	05	01	06	-	10	-
5	I.T-A	-	-	02	01	01	-	14	-
6	I.T-B	-	-	05	-	05	-	13	-
7	MEH-A	02	-	04	--	04	-	10	-
8	MECH-B	03	-	05	01	07	-	26	-
9	CSE-A	-	01	01	-	-	-	-	-
10	CSE-B	-	-	01	01	01	-	02	-
	Total	11	01	27	06	36	NIL	123	NIL

The list of students is as follows:

LIST OF ELIGIBLE CANDIDATES FOR MEDICAL CONDONATION IN
B.E. 1/4 & 2/4 II-SEMESTER COURSE (All Branches) FOR THE YEAR 2015-2016

Sl. No.	H.T. No.	Name of the student	Branch	Aggregate percentage of attendance secured
	BE 1/4 –II Semester course:			
1.	1602-15-734-024	MOHD NAWAZUDDIN	EEE	68
2.	1602-15-734-027	NAGAJAPAL NAYAK NUNAVATH	EEE	70
3.	1602-15-734-048	SUDHARMA K.	EEE	68
4.	1602-14-734-016	JAVID BAPANNAPALLI	EEE	65
5.	1602-14-734-059	KASHI VISWANATH SINGH	EEE	68
6.	1602-15-736-006	DHEERAJ BOLAMALA	MECH-A	71
7.	1602-14-736-014	T.HARSHA	MECH-A	72
8.	1602-15-736-075	JYOTHI GADDALA	MECH-B	72
9.	1602-15-736-096	RAJESWARI DURISETTI	MECH-B	70
10.	1602-15-736-100	SAATHVIK KATHURI	MECH-B	71
11.	1602-15-732-040	SATVIK S.	CIVIL	67
	BE 2/4 –II Semester course:			
12.	1602-14-733-015	GOVIND GUGULOTH	CSE-A	70
13.	1602-14-733-321	MOHSIN KHAN	CSE-B	69
14.	1602-14-735-031	PRUDHVI PRASANTH. K	ECE-A	67
15.	1602-14-735-077	LAYEEQ KHAN BUSHRA	ECE-B	67
16.	1602-14-735-091	PRANEETH SANDELA	ECE-B	70
17.	1602-14-735-094	RAHUL KUMAR G	ECE-B	68

18.	1602-14-735-108	SMITHA GAJJELLI	ECE-B	69
19.	1602-14-735-116	VENNELA CHINTAKUNTA	ECE-B	72
20.	1602-14-734-060	YASHWANTH REDDY.N	EEE	69
21.	1602-14-734-306	RADARAPU RAVALIKA	EEE	69
22.	1602-14-736-008	ASHISH Y.V.	MECH-A	65
23.	1602-14-736-049	SOWMYA SADU	MECH-A	74
24.	1602-14-736-309	PARUCHURI BHAVANA SRI	MECH-A	71
25.	1602-14-736-310	SAPAVAT ARUN NAYAK	MECH-A	69
26.	1602-14-736-090	PUNITH REDDY B.V.R.	MECH-B	65
27.	1602-14-736-101	SATYA ANVESH B	MECH-B	65
28.	1602-14-736-114	VAMSHI KRISHNA M.	MECH-B	66
29.	1602-14-736-119	VISHNU SAIKETH CH.	MECH-B	68
30.	1602-13-736-321	KINDIDODDY AGASTIN	MECH-B	65
31.	1602-14-732-045	SANJEEVA BANOTH	CIVIL	66
32.	1602-14-737-008	GAJENDHAR MATTA	IT-A	72
33.	1602-14-737-045	SHIVA SATWIK KATTA	IT-A	71
34.	1602-14-737-066	AKHIL KRISHNA SHEELAM	IT-B	66
35.	1602-14-737-091	PARVINDER SINGH S	IT-B	66
36.	1602-14-737-112	SURESH NAYAK RAMAVATH	IT-B	66
37.	1602-14-737-315	M. J.C PRASAD	IT-B	70
38.	1602-14-737-319	SARAF NIHAR	IT-B	71

Submitted for approval.

5. **Approval for the scheme of instruction and curriculum of 3/4 B.E- 1st & 2nd Semesters (AY 2016-17) under autonomy finalized by respective BoS:**
The new Scheme of Instruction, Examination and Curriculum of 3/4 B.E. I & II-Semesters for the academic year 2016-17 under Autonomy, as finalized by the respective Boards of Studies, will be presented before the Academic Council by the respective HoDs for approval.

The HoDs of Civil; CSE; EEE; ECE; I.T and Mech. will make a brief presentation on the Scheme and Curricula.

6. **Revision in the Scheme of instruction of 2/4 B.E program (AY 2016-17):**
Few changes have been made in the Scheme of Instruction of 2/4 B.E. Programme by some Departments. It is proposed to follow the allotment of offering the following Courses from the academic year 2016-17, as mentioned against each Course/Subject:

Course/Subject	Subject to be offered in	
	Odd Semester	Even Semester
Environmental Studies **(ES)**	ECE	Civil
	Mech.	EEE
		CSE
		I.T.
Human Values & Professional Ethics **(HVPE)**	Civil	EEE
	CSE	ECE
	I.T.	Mech.
Managerial Economics & Accountancy **(MEA)**	Civil	EEE
	CSE	ECE
	Mech.	I.T

7. **Revision in the syllabi of Finishing School course offered in 1st & 2nd semesters of 2/4 B.E program (AY 2016-17):**
In the earlier Scheme, the Finishing School was offered as "Soft Skills" & "Technical Skills" with one credit each.

It is proposed to conduct Finishing School for 2/4 B.E students in the subject "Communication Skills-I & II" for Semesters-I & II respectively with two credits each.

8. **Revision in Human Values and Professional Ethics course/subject to 2/4 B.E (AY 2016-17):**

The Human Values & Professional Ethics course was introduced for 2/4 B.E. students under autonomy with effect from the academic year 2015-16.

The HoD, H & SS will make a brief presentation on the revision proposed.

9. **Introduction of Human Values and Professional Ethics course/subject to 3/4 B.E (AY 2016-17):**

The Human Values & Professional Ethics course was introduced for 2/4 B.E. students under autonomy with effect from the academic year 2015-16. It is now proposed to extend to offer this course at 3/4 B.E. level with effect from the academic 2016-17.

The HoD, H & SS will make a brief presentation on the contents of the course.

10. **PG program in Engineering — Pre-submission and award of Grades to M.E./M.Tech Project/Dissertation under Autonomy:**

The Board of Governors, in its meeting held on 30.03.2015 has approved academic rules & regulations of M.E./M.Tech courses under autonomy. To strengthen the evaluation process of M.E./M.Tech projects/dissertation, the following resolutions have been passed in the meeting of HoDs with regard to,

a) *Viva Voce Committees:*

M.E./M.Tech students of fourth semester will take-up a project and submit a report/dissertation. For assessment and evaluation of the project, (i) Presubmission Viva Voce Committee and (ii) Final Viva Voce Committees are to be constituted.

Composition of Presubmission/Final Viva Voce Committee:

HoD/BoS Chairperson	:	Chairman
External Expert	:	Member
Project Supervisor	:	Member

The Final Viva Voce Committee submits its recommendations to the Controller of Examinations. Approval of Academic Council for constituting above committees is sought.

It is proposed to pay remuneration to the subject experts @ Rs.500 per candidate, subject to a minimum of Rs.2,000 per day for conducting the Viva Voce Examination.

It is also proposed to charge a fee of Rs.500 from the students against the issue of consolidated Grade Report, Provisional Certificate and Migration Certificate.

b) *Grading to M.E./M.Tech Project/Dissertation:*

Extension of Grading System to M.E./M.Tech project dissertations in line with the Grading System being implemented for Theory and Practicals for the M.E./M.Tech programmes. The approved Grading System being implemented is furnished below:

Academic Performance (%)	Letter Grade		Grade Points
90 to 100	A+	Outstanding	10
80 to 89.99	A	Excellent	09
70 to 79.99	B+	Very Good	08
60 to 69.99	B	Good	07
50 to 59.99	C	Average	06
40 to 49.99	D	Pass	05
Below 40 (Theory)	F	Fail	0
Below 50 (Practical)	F	Fail	0
Below 50 (Theory and Practical) - for M.E/M.Tech.	F	Fail	0

c) It is proposed to consider the submission of dissertation in two phases viz., Phase-I & Phase-II with a gap of four months for the students joined the college with effect from the academic year 2014-15.

Submitted for approval of Academic Council.

11. **Approval of new curriculum of 3/3 MCA under autonomy finalized by its BoS (AY 2016-17):**
The new Scheme of Instruction, Examination and Curriculum of 3/3 MCA I & II-Semesters for the academic year 2016-17 under Autonomy, as finalized by the BoS, will be presented before the Academic Council by the HoD for approval.

12. **Revision in the Scheme of instruction of 1/3 MCA and 2/3 MCA:**
Some revisions in the Scheme of Instruction of 1/3 & 2/3 MCA Programme have been made. The changes will be presented by the HoD-CA before the Academic Council.

13. **Accreditation status of UG programs:**
The NBA Accreditation for all 6 UG Programmes came to an end in the month of September, 2015 and hence College has applied for renewal of accreditation for all 6 UG Programmes and SARs in the 2nd week of June, 2016.
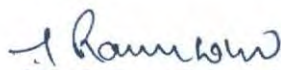
14. **Accreditation status of PG programs:**
The College has given five slots @ 3 days/slot (Friday, Saturday & Sunday) to the NBA by requesting them to send team of experts for inspection for 2 eligible PG Programmes for accreditation on any slot commencing from 1st week of September, 2016.

15. **College Ranking by various survey agencies for the year 2016-17:**
   - The College has been awarded the 77th rank among the top 100 engineering colleges in India, as per the survey conducted by the Magazine – Career 360^0.

   - The College has been awarded the 114th rank among the top 150 engineering colleges in India, as per the survey conducted by i3RC Times Engineering-2016".

   - The College has been awarded the 64th rank among the top 75 private engineering colleges in India, as per the survey conducted by i3RC Times Engineering-2016".

16. **Implementation of CBCS system with effect from the Academic Year 2016-17:**
It is proposed to implement CBCS System with effect from the Academic Year 2016-17. The HoDs are working towards implementation of CBCS System with respect to Scheme of Instruction, Electives (Core, Open & Global) and details will be placed before the Academic Council during its next meeting for discussion (proposed to be held during the month of July, 2016).

(Dr. G. Ramadevudu)
(Dr. G. Ramadevudu)
Member-Secretary   13/6/16
Academic Council, VCE

VASAVI COLLEGE OF ENGINEERING (Autonomous)
IBRAHIMBAGH, HYDERABAD – 500 031

Minutes of the meeting of the 4th Academic Council of the College held on **19.07.2016**
(Tuesday) at 2.30 p.m. in the Conference Hall, Visvesvaraya Block,
Vasavi College of Engineering

Members Present:

1	Dr. K. Jaya Sankar, Principal	:	Chairman
2	Prof. M. Kumar, Department of Civil Engg., Osmania University	:	Univ. Nominee & Member
3	Prof. G. Yesu Ratnam, Dept. of EEE, Osmania University	:	Univ. Nominee & Member
4	Prof. P. Ushasree, Dept. of Mech. Engg., Osmania University	:	Univ. Nominee & Member
5	Sri Ramesh Loganathan, Vice President, Products & Centre Head, Progressive Software, Hyderabad	:	Industry Representative & Member
6	Dr. C.N.V. Ramana, General Manager, TCGT, BHEL, Hyd	:	Industry Representative & Member
7	Dr. B. Sridhar, HoD, Civil Engg.	:	Member
8	Dr. Nagaratna Hegde, I/c. HoD, CSE	:	Member
9	Dr. K. Jaya Sankar, HoD, ECE	:	Member
10	Prof. K.V. Ramana Murthy, HoD, EEE	:	Member
11	Ms. S. Aruna, HoD (I/c.), I.T., VCE	:	Member
12	Dr. G.V. Ramana Murty, HoD, Mech. Engg.	:	Member
13	Dr. P. Hemagiri Rao, HoD, C.A.	:	Member
14	Dr. T. Sudhakara Rao, HoD, Mathematics	:	Member
15	Dr. A.S. Sai Prasad, HoD, Physics	:	Member
16	Dr. Ch. Gouri Shankar, HoD, Chemistry	:	Member
17	Dr. Jacqueline Amaral, HoD, H & SS	:	Member
18	Dr. K. Kishore, Professor, Mech. Engg.,	:	Member
19	Dr. E. Sreenivasa Rao, Professor, ECE	:	Member
20	Dr. M. Chakravarthy, Professor, EEE	:	Member
21	Dr. K. Ram Mohan Rao, Assoc. Prof., CSE	:	Member
22	Dr. G. Ramadevudu, Asst. Prof., Physics	:	Member-Secretary

The following members of the Academic Council could not attend the meeting:

➤	Dr. V. Sudhakar, Prof. & Head, Department of Education, EFLU, Hyderabad	:	Educationist & Member
➤	Dr. K.S. Ratnakar, Director, GMRF, Hyderabad	:	Educationist & Member

The Chairman of the Academic Council, Dr. K. Jaya Sankar presided over the meeting and extended warm welcome to the members. The following items on the agenda were taken-up for consideration:

1. Confirmation of the minutes of the 3rd Academic Council held on 18.06.2016:
   The minutes of the 3rd Academic Council meeting held on 18.06.2016 were read and confirmed.

2. Discussion on the overall curriculum structure of BE program proposed under CBCS:

The Member-Secretary informed the Academic Council that the College will be implementing the Choice Based Credit System (CBCS) w.e.f. the academic year: 2016-17. He further informed that the overall structure of the curriculum of B.E. program department-wise has been framed by the respective departments and have been approved by the respective BoS. He requested the concerned HoDs to give a presentation on the proposed structure of B.E. program for their respective departments.

The HoDs made a brief presentation of the proposed scheme of instructions and examination for all four years of BE program.

It was informed that the proposed structure is tentative for 2nd to 4th year B.E. and there may be modifications in the courses offered. However, care has been taken to incorporate courses as stipulated in the AICTE model curriculum namely Professional core subjects, Professional elective subjects, Open electives and Mandatory courses. As we progress the curriculum of each year will be finalized and placed before the Academic Council in the future meetings for its approval.

The following suggestions have been given by the members:

Prof. M. Kumar:

- The total number of credits may vary across the branches of Engineering and need be the same for all the departments.
- Initially finalize the scheme of instruction and examination and syllabi for the first year B.E. and subsequently the other years structure may be finalized.
- Conduct a meeting to discuss the structure and contents of the syllabi well before the commencement of second year B.E. so that there will be an ample time for making appropriate changes.
- In general, students from a branch shall not opt for open electives offered by their own branch. That is, open elective courses may be opted by the students of other branches of Engineering. Students shall consult their faculty advisors before opting for an open elective course. The open elective courses may be offered subject to availability of time slots, faculty members, class rooms and minimum and maximum class strength.

Sri. Ramesh Loganathan:

- Bring the CBCS spirit in the proposed structure.
- There must be a flexibility to offer open electives in various semesters.
- The same open elective can be offered in more than one semester so that student has a choice to opt that particular open elective. However, the number of open electives offered in a given semester can be limited to two or three.
- Open electives can be framed to guide the students in a particular stream and specialization by offering minor courses. For example under open elective economics, several optional courses like Advanced Economics, Business Economics etc. can be offered.
- From the third year onwards, a student can be given an opportunity to register for more courses and earn additional credits.

1

3.

The 1/4 BE scheme of instruction and examination to be implemented under CBCS w.e.f Academic Year 2016-17 has been presented in the Academic Council Meeting by the Member-Secretary. He further informed that under CBCS the duration of a class is made as one clock hour instead of 50 minutes.

Subject Code	B.E FIRST YEAR I SEMESTER							Credits
	Subject Name	Instruction Hours per week			Examination			
		L	T	P	Duration in Hrs	Max. Marks		
						SEM Exam	CIE	
	THEORY							
HS1100	English - I	2	1	-	3	50	25	2
MA1100	Engineering Mathematics - I	3	1	-	3	50	25	3
PH1110	Engineering Physics	2	1	-	3	50	25	2
CH1100	Engineering Chemistry	2	1	-	3	50	25	2
CS1100	Computer Programming and Problem Solving	3	1	-	3	50	25	3
EE1100	Basic Electrical Engineering (CSE, ECE, IT)	3	1	-	3	50	25	3
CE1000	Basic Engineering Mechanics (Civil, Mech, EEE)							
CE1110	Engineering Graphics - I	3	2	-	3	50	25	4
	LABS							
HS1101	English Lab - I	-	-	2	3	30	20	1
PH1101	Engineering Physics Lab	-	-	2	3	30	20	1
CH1101	Engineering Chemistry Lab	-	-	2	3	30	20	1
CS1101	Computer Programming and Problem Solving Lab	-	-	2	3	30	20	1
ME1101	Engineering Workshop Lab- I	-	-	2	3	30	20	1
	Total	18	8	10		500	275	24
						775		

	B.E FIRST YEAR II SEMESTER							
	THEORY						SEM Exam	CIE
HS1200	English - II	2	1	-	2	3	50	25
MA1200	Engineering Mathematics - II	3	1	-	3	3	50	25
PH1200	Applied Physics	2	1	-	2	3	50	25
CH1200	Applied Chemistry	2	1	-	2	3	50	25
CS1200	Object Oriented Programming using C++	3	1	-	3	3	50	25
CE1000	Basic Engineering Mechanics (CSE, ECE, IT)	3	1	-	3	3	50	25
CE1200	Engineering Mechanics (Civil, Mech, EEE)							
CE1210	Engineering Graphics - II	3	2	-	4	3	50	25
	LABS							
HS1201	English Lab - II	-	-	2	1	3	30	20
PH1201	Applied Physics Lab	-	-	2	1	3	30	20
CH1201	Applied Chemistry Lab	-	-	2	1	3	30	20
CS1201	Object Oriented Programming using C++ Lab	-	-	2	1	3	30	20
ME1201	Engineering Workshop-II (Civil, Mech, EEE)	-	-	2	1	3	30	20
CS1211	CSE workshop (CSE)							
EC1201	Electronic workshop (ECE)							
IT1201	IT Workshop (IT)							
	Total	18	8	10	24		500	275

• CIE- Continuous Internal Evaluation

2

The following suggestions were made by the Members:

- It is observed from the overall structure of B.E. programme that the marks allocated for semester end examination (SEE) and internal examination (Continuous Internal Evaluation – CIE) are in the ratio 70:30 for the years (II year to IV year). However, in the proposed I year B.E., the ratio was not maintained and the marks are 50 for SEE and 25 for CIE in theory.
- That the above ratio or 70 for SEE and 30 for CIE is mentioned uniformly across departments and throughout the program of study.
- The ratio 70:30 for SEE to CIE should be continued in the I year B.E. also. Hence, the proposed marks for theory courses in SEE & CIE are to be changed from 50 and 25 to 70 and 30 marks respectively.

- Similarly the proposed marks for laboratory courses in SEE & CIE are to be changed from 30 and 20 to 50 and 25 marks respectively.

- The proposed subject reference code system should be revised. Implement 7 digit subject codes as ES123CE representing Engineering Science (ES) course offered in first semester by the department of Civil Engineering (CE). There is no need of using a digit for specifying year in the code, instead use sequential numbering of semester as 1,2,3,4,5,6,7 & 8.

The HoD-ECE has informed that their BoS advised to shift Basic electrical lab from II yr. I semester to I year II semester, in lieu of Electronic workshop lab. Therefore, the electronic workshop lab will be offered in II year I semester.

Academic Council agreed to make the above changes proposed by Head, ECE, in the scheme of instruction of I/IV B.E.

The Academic council approved the first year B.E. scheme of instruction and examination with above suggestions with effect from the academic year 2016-17.

4. **Approval of the syllabi for I and II semesters of 1/4 BE to be implemented under CBCS w.e.f. Academic Year 2016-17**

The chairman requested the concerned Heads of departments to propose the BOS approved syllabi for I and II semesters of 1/4 BE to be implemented under CBCS w.e.f. Academic Year 2016-17

The Heads of departments of Mathematics, Physics, Chemistry, H&SS, Civil, CSE, ECE, IT and mechanical engineering presented the BOS approved syllabi of their departments. They also briefly explained the modifications brought in the curriculum compared to the Autonomous curriculum of 2015-16.

The members made the following suggestions:

a) The course outcomes and course objectives for all the courses of I/IV B.E. I & II semesters must be re-arranged with appropriate words.
b) In the reference list of books, the following order may be used uniformly in all courses.
   Author name(s), title of the book, publisher's name, edition number, year of publication.
c) Under the learning resources, use suggested readings and online resources.
d) The format of the syllabus of each and every course must be the same including font and font sizes.
e) Rocket propellant and explosives in Chemistry syllabus of B.E. II year framed for ECE, CSE and IT may be equally needed for Mechanical Engineering students. Therefore, it is suggested to make changes if necessary.
f) It is suggested to relook at the contents of CS workshop to be offered in B.E. II CSE semester students.

5.

The proposed academic rules and regulations under CBCS have been placed before the Academic Council.

It is informed that, the general frame work of academic rules and regulations prescribed under Autonomy such as promotion rules, award of credit and letter grades etc., remains the same even under CBCS system.

The members have gone through the academic rules and regulations and suggested that, the draft of the regulations may be circulated to the members and receive the comments. After obtaining the suggestions, the regulations can be placed before the next council meeting for approval.

6. **Result analysis of 1/4 BE-II semester and 2/4 BE-II semester under autonomy for the year 2015-16**

The result analysis of 1/4 BE-II semester and 2/4 BE-II semester under autonomy for the year 2015-16 are presented by Prof. A.S. Sai Prasad, Director-Examinations.

BE I Year II - Semester (Main) Result Analysis (Before Revaluation) - 2015 - 2016

S.No	Branch	No. of Candidates						
		Registered	Passed	%	Promoted	%	Detained	%
1	CSE-A	59	56	94.91	3	5.08	0	0
2	CSE-B	60	54	90	6	10	0	0
3	ECE-A	60	50	83.33	9	15	1	1.67
4	ECE-B	58	49	84.48	9	15.52	0	0
5	EEE	62	45	72.58	17	27.42	0	0
6	Mech-A	60	36	60	23	38.33	1	1.67
7	Mech-B	60	36	60	24	40	0	0
8	Civil	60	39	65	18	30	3	5
9	IT-A	59	47	79.66	12	20.34	0	0
10	IT-B	60	49	81.66	11	18.33	0	0
Total		598	461	77.09	132	22.07	5	0.84

BE II Year II - Semester (Main) Result Analysis (Before Revaluation) - 2015 - 2016

S.No	Branch	No. of Candidates						
		Registered	Passed	%	Promoted	%	Detained	%
1	CSE-A	72	61	84.72	8	11.11	3	4.17
2	CSE-B	71	59	83.09	12	16.9	0	0
3	ECE-A	71	59	83.09	12	16.9	0	0
4	ECE-B	71	55	77.46	16	22.54	0	0
5	EEE	70	59	84.28	5	7.14	6	8.57
6	Mech-A	70	56	80	13	18.57	1	1.43
7	Mechl-B	73	52	71.23	15	20.55	5	6.85
8	Civil	69	53	76.81	7	10.14	9	13.04
9	IT-A	70	60	85.71	5	7.14	4	5.71
10	IT-B	70	47	67.14	16	22.86	6	8.57
Total		707	561	79.34	109	15.42	34	4.81

The details of the detained students at II/IV B.E. due to I year B.E. backlog subjects are as follows:

No. of backlog subjects	No. of students detained
one backlog	17
two backlogs	06
three backlogs	03
Four backlogs	03
Six backlogs	01
Seven backlogs	01
Eight backlogs	01
Total	34

The Academic Council noted the above result analysis.

7   **To approve the ALMANAC for the Academic Year 2016-17**

The Member-Secretary presented the following proposed Almanac for I/IV B.E. and M.E/M.Tech II Year.

I year B.E I-Semester (for autonomy batch)

1	Commencement of Instruction	29-07-2016
2	1st Class Test	25.09.2016 to 29.09.2016
3	2nd Class Test	23.11.2016 to 26.11.2016
4	Last date of instruction	26.11.2016
5	Preparation holidays and practical examinations	28.11.2016 to 09.12.2016
6	Commencement of Theory Examinations	12.12.2016 TO 31.12.2016

I year B.E II-Semester

1	Commencement of Instruction	02.01.2017
2	1st Class Test	20.02.2017 to 23.02.2017
3	2nd Class Test	19.04.2017 to 22.04.2017
4	Last date of instruction	22.04.2017
5	Preparation holidays and practical examinations	24.04.2017 to 06.05.2017
6	Commencement of Theory Examinations	08.05.2017 to 31.05.2017
7	Summer vacation (*)	01.05.2017 to 30.06.2017
8	Commencement of B.E 2/4 I-Semester for the academic year 2017-2018	10.07.2017

M.E/M.Tech II Year (for autonomy batch) for the academic year 2016-2017.

S.No.	Particulars	III-Semester	IV-Semester
1	Registration	19.09.2016	16.01.2017
2	Project Seminar (Presentation & Evaluation)	02.01.2017 to 07.01.2017	--
3	Last date for submission of Draft dissertation	-----	06.05.2017
4	Internal Viva Voce Examination	-----	15.05.2017 to 20.05.2017
5	Submission of approved thesis of the students for External Evaluation	-----	03.06.2017
6	Conduct of External Viva-Voce	-----	19.06.2017 to 24.06.2017
7	Late submission & Internal Viva-Voce Examination	-----	11.09.2017 to 16.09.2017
8	Conduct of External Viva-Voce Examination(for late Submission)	-----	09.10.2017 to 14.10.2017

The Academic Council approved the above Almanac for I/IV B.E. and M.E/M.Tech II Year for the Acdemic Year 2016-17. The changes may be made in the above dates, if required as per the announcement made by the Convenor, TSEAMCET.

8.   *Consideration of representation from the students and their parents (placed as Table Agenda item)*

The chairman of the academic council informed that:

The students, who have been detained in B.E. II year examination held in May/June, 2016 because of one or more backlogs of B.E. first year due to the existing Academic Rules and Regulations, submitted a representation along with their parents to the Principal seeking promotion to the next higher class.

The promotion rules in this regard stipulates that to promote a student from regular course of study of II/IV B.E. II semester to III/IV B.E., I semester he/she must have secured at least 50% of total credits prescribed for II/IV B.E. and passed in all the

5

subjects of I/IV B.E. As per the rule position, **34** students have been detained in the II/IV B.E. whose details were presented earlier under the agenda item no. 6 result analysis.
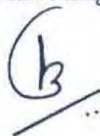
The Academic Council deliberated on the representation of the parents and students. The members felt that the academic rules and regulations should not be diluted by merely promoting the students to the next higher class along with backlog subjects. Such attempts degrade the academic standards and will be deterrent to placement activities.

After a detailed discussion on the results of B.E. (Autonomous) examinations and rules of promotion, the academic council has made the following resolution:
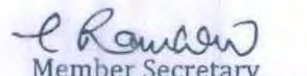
"Resolved to conduct B.E. I year (both semesters) examination for the candidates detained in B.E. II year II semester (examinations held in May/June, 2016) as onetime measure. The examination shall be conducted as a special case only for those candidates who studied B.E. I and II years in the academic years 2014-2015 and 2015-16 respectively and detained in view of one or more backlogs in B.E. I year. It is reiterated that this decision is applicable only for this year and it shall not become precedence in future".

The Academic Council has advised the Principal to take an undertaking from the students and parents in this regard stating that they will not again appeal for such considerations in future.

The meeting ended with vote of thanks by the Member Secretary.

Principal & Chairman
Academci Council

Member Secretary
Academci Council

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF THE BOARD OF STUDIES MEETING HELD ON 12.07.2016

Lr. No. VCE/CED/09/2016-17/   Date: 12.07.2016

AGENDA:
1. Introduction of members
2. Brief report on the profile of the department
3. Discussion on Course structure, scheme of examination
4. Discussion on first year B.E syllabus of Engineering Mechanics & Graphics
5. Any other item with the permission of the chair

MEMBERS PRESENT:

01 Dr. B.Sridhar	Professor and Head, Chairman, Board of studies
02 Prof. K.V.L. Subramaniam	Professor and Head, Department of Civil Engineering, IIT Hyderabad
03 Prof. K.Srinivasa Raju	Professor, Department of Civil Engineering, BITS-Pilani, Hyderabad Campus
04 Prof. M.Kumar	Professor and Head, Department of Civil Engineering, University College of Engineering (Autonomous), Osmania University, Hyderabad
05 Prof. R.Pradeep Kumar	Professor, Department of Earthquake Engineering, International Institute of Information Technology, Hyderabad
06 Prof. M.V.Rama Rao	Professor, Department of Civil Engineering, VCE
07 Sri M.Bhasker	Associate Professor, Department of Civil Engineering, VCE
08 Dr. T. Srinivas	Associate Professor, Department of Civil Engineering, VCE
09 Sri. C. Mohanlal	Associate Professor, Department of Civil Engineering, VCE
10 Sri. S. Vijaya Kumar	Associate Professor, Department of Civil Engineering, VCE
11 Sri. M.V.S.S. Sastri	Associate Professor, Department of Civil Engineering, VCE
12 Dr. B. Narender	Assistant Professor, Department of Civil Engineering, VCE

H.O.D.(Civil) welcomed all the members of the Board of Studies to the meeting. The following points were discussed:

1. Prof. B.Sridhar explained the course structure of the Engineering Mechanics and Engineering Graphics to the members.

2. BOS members suggested to change the title of the subject Engineering Mechanics as Engineering Mechanics – I in place of Basic Engineering Mechanics and Engineering Mechanics – II in place of Engineering Mechanics.

3. BOS members has approved to include impulse and momentum as Unit – V in Engineering Mechanics - II

4. Engineering Graphics syllabus presented is approved by the BOS members , Professor Kumar suggested add NPTEL labs in references

5. Increase the percentage of professional elective courses 1.7 to 10 - 15% by converting professional core course into professional elective courses.

6. The change in the title of the subject for B.E. 3/4 from Design of Reinforced Concrete to Reinforced Concrete Design – I and the Design and Detailing Reinforced Concrete Structures to Reinforced Concrete Design – II is recommended.

Prof. M.V.Rama Rao presented a vote of thanks.

K.S.Ra
(K. SRINIVASA RAO).

(R. Pradeep Kumar)

(prof. M.Kumar)

(B. Sridhar)

P. Surya Prakash.

VASAVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
SCHEME OF INSTRUCTION AND EXAMINATION
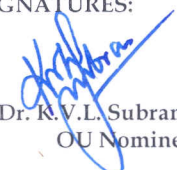### B.E. I/IV (REGULAR)
CIVIL ENGINEERING

SEMESTER-I

S No.	Code No.	Subject	L	T	P	C
1	HS1100	Basic English-I	2	1		2
2	MA1110	Engineering Mathematics-I	3	1		3
3	PH1100	Engineering Physics	2	1		2
4	CH1130	Engineering Chemistry	2	1		2
5	CS1140	Computer Programming & Problem solving	3	1		3
6	CE1150	Engineering Mechanics-I	3	1		3
7	CE1160	Engineering Graphics-I	3	2		4
8	HS1111	Basic English Lab-I			2	1
9	PH1101	Engg. Physics Lab			2	1
10	CH1131	Engg. Chemistry Lab			2	1
11	CS1141	Computer Programming & Problem Solving Lab			2	1
12	ME1161	Engg. Work Shop Lab-I	0	0	2	1
		Total	18	8	10	24
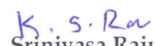
HS	BS	ES	PC	PE	OE	MC	P
3	9	12	-	-	-	-	-

SYLLABUS IS APPROVED BY MEMBERS OF BOS

SIGNATURES:

Dr. K.V.L. Subramaniam
OU Nominee

K. S. Raju
Dr. K. Srinivasa Raju
Subject Expert
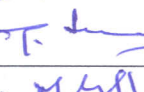
Dr. M. Kumar
Subject Expert

Dr. R. Pradeep Kumar
Subject Expert & Alumni

Er. P. Surya Prakash
Industry Representative

Dr. B.Sridhar
Chairman, BOS

VASAVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
SCHEME OF INSTRUCTION AND EXAMINATION
B.E. II/IV (REGULAR)
CIVIL ENGINEERING
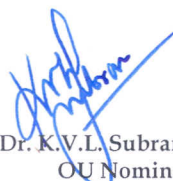
SEMESTER-II

S No.	Code No.	Subject	L	T	P	C
1	HS1200	Basic English-II	2	1	0	2
2	MA1210	Engineering Mathematics-II	3	1	0	3
3	PH1210	Applied Physics	2	1	0	2
4	CH1230	Applied Chemistry	2	1	0	2
5	CS1240	Object Oriented Programming using C++	3	1	0	3
6	CE1250	Engineering Mechanics-II .	3	1	0	3
7	CE1260	Engineering Graphics -II	3	2	0	4
8	HS1211	Basic English Lab-II	0	0	2	1
9	PH1201	Applied Physics Lab	0	0	2	1
10	CH1231	Applied Chemistry Lab	0	0	2	1
11	CS1241	Object Oriented Programming using C++ Lab	0	0	2	1
12	ME1251	Engg. Work Shop Lab-II	0	0	2	1
		Total	18	8	10	24

HS	BS	ES	PC	PE	OE	MC	P
3	9	12	-	-	-	-	-

SYLLABUS IS APPROVED BY MEMBERS OF BOS

SIGNATURES:

Dr. K.V.L. Subramaniam
OU Nominee

K. S. Ra
Dr. K. Srinivasa Raju
Subject Expert
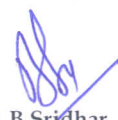
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Dr. R. Pradeep Kumar
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Industry Representative
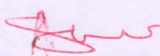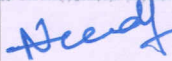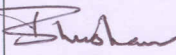
Dr. B.Sridhar
Chairman, BOS

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

Members present for BOS Meeting on 12.07.2016 at 2.00 PM

S No.	Name of the member	Designation	Category	Affiliation	Signature
1	Dr. B.Sridhar	Professor, Department of Civil Engineering, VCE	Head	Chairman	
2	Dr. K.V.L. Subramaniam	Professor, Department of Civil Engineering, IIT Hyderabad	OU Nominee	Member	
3	Dr. K. Srinivasa Raju	Professor, Department of Civil Engineering, Bits-Pilani Hyderabad Campus	Two Subject Experts nominated by Academic Council	Member	
4	Dr. M. Kumar	Professor, Department of Civil Engineering, OU College of Engineering	Two Subject Experts nominated by Academic Council	Member	
5	Er. P. Surya Prakash	Director, Satyavani Projects & Consultants Pvt. Ltd., Hyderabad	Industry Representative	Member	
6	Dr. R. Pradeep Kumar	Professor, International Institute of Information Technology	Alumni / Subject Expert	Member	
7	Dr. B.L.P.Swami	Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
8	Dr. M.V. Rama Rao	Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
9	Sri. M. Bhasker	Associate Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
10	Sri. G. Shravan Kumar	Associate Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
11	Dr. M. Srinivas	Associate Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
12	Dr. T. Srinivas	Associate Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
13	Dr. C. Mohanlal	Associate Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
14	Sri. S. Vijaya Kumar	Associate Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
15	Sri. M.V.S.S. Sastri	Associate Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
16	Sri. Siddharth Banerjee	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
17	Dr. K.Jayasree	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
18	Mrs. Kumari Koustuvee	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	

S No.	Name of the member	Designation	Category	Affiliation	Signature
19	Mrs. Aswari Sultana	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
20	Dr. Bodige Narender	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
21	Mrs. Laxmi Pradeep	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
22	Ms. K. Karishma	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	
23	Mr. J.V.Y. Shiva Bhushan	Assistant Professor, Department of Civil Engineering, VCE	Faculty Members	Member	

Minutes of the Meeting
VASAVI COLLEGE OF ENGINEERING
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(Sponsored by Vasavi Academy of Education)
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 14.07.2016

Minutes of the meeting of Board of Studies in Electronics and Communication Engineering held at 03.30 PM on 14.07.2016 (Thursday) at the Department of Electronics and Communication Engineering, Vasavi College of Engineering, Ibrahimbagh, Hyderabad.

Members Present:

1.	Dr. K. Jaya Sankar	Prof. & Head
2.	Prof. D. Srinivasa Rao,	JNTU, Hyderabad.
3.	Mr. Vemuri Hanuma Sai	Director
4.	Dr. M. Satyam	Professor
5.	Dr. P.A. Govindacharyulu	Professor
6.	Dr. E. Sreenivasa Rao	Professor
7.	Prof. P. Venkata Ramana	Professor
8.	Dr. N.S. Murthy	Professor
9.	Dr. K. Deergha Rao	Professor
10.	Ms. G.R. Padmini	Assoc. Professor
11.	Dr. N. Siva Sankar Reddy	Assoc. Professor
12.	Mrs. A. Sri Lakshmi	Assoc. Professor
13.	Mrs. Vibha D.Kulkarni	Asst. Professor
14.	Mr. N. Abid Ali Khan	Asst. Professor
15.	Mrs. K. Deepthi	Asst. Professor
16.	Mr. R. Goutham	Asst. Professor
17.	B. Uma Mahesh Babu	Asst. Professor

The following members of Board of Studies could not attend the meeting

1. Prof. Sasi Bhushan Rao, Andhra University, Visakhapatnam.
2. Prof. S. Varada Rajan, S.V. University, Tirupathi.
3. Mr. Raghu Prasanth, NSILICA Logic Solutions, Kurnool.

Chairman welcomed the members to the meeting.

The following have been resolved in the meeting.

1. The scheme of instruction for B.E. 1st year ECE I & II semester classes under CBCS scheme has been approved with the following observations:
   (i) Computer based tutorial classes as part of theory course "Engineering Graphics - I" of 1st semester are to be considered.
   (ii) Theory course "Engineering Graphics - II" as part of 2nd semester is to be dropped.
   (iii) Tutorial classes as part of "Engineering Physics and Engineering Chemistry" theory

courses are to be dropped to facilitate students to have some free slots.

(iv) Experiments as part of "Chemistry Lab – II" are to be aligned with ECE stream.

(v)   Syllabus with respect to "Physics – I and Physics – II" theory courses is to be pruned.

(vi) Basic Electrical Engineering Lab is to be shifted to 2nd semester of 1st year in place of Electronics Workshop Lab.

2. The draft scheme of instruction for B.E. 2/4 to B.E 4/4 ECE I & II semester classes has been approved:

Meeting concluded with vote of thanks.

(Chairman) 14/7/16

E. Sriivasa Rao

A. Srilakshmi

N.S.S.Reddy

P.A Govindacharyulu

N. ABID ALI KHAN - N. Abid Ali Khan 14/07/16.

R Gowtham - Gowtham

PRamana   PV Ramana

K. Deepti

BUMAMALLESH BABU

M. Satyam   18.7.

R.Lalbar 18/7/16

G.R.PADMINI

K. DEERGHARAO

N. S. Murthy

PRamana

Dr. D. Sreenivas Rao

(Mr. Vemuri Hanuma Sai)

2 of 2

VASAVI COLLEGE OF ENGINEERING (Autonomous)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 19.05.2018

Minutes of the meeting of Board of Studies, Computer Science & Engineering Department, held at 11.00 AM on Saturday, 19 May 2018 at the Conference Hall, Vasavi College of Engineering, Ibrahimbagh, Hyderabad-31.

Members Presents

Dr. T Adilakshmi, Professor & Head Dept. of CSE		Chairman & Head
Dr. K. Syamala Professor, Dept. of CSE, UCE Osmania University		OU nominee
Dr. Ch. Sobhan Babu Assistant Professor IIT Hyderabad		Subject expert
Dr. Siba K. Udgata Professor, HCU		Subject expert
Mr. Uma Mahesh Mudigonda, Pr. Product Manager, Microsoft		Alumnus
1	Dr. Nagaratna P. Hegde, Professor	Faculty Members
2	Ms. M. Sunitha Reddy, Asst. Professor	
3	Mr. R. Sateesh Kumar, Asst. Professor	
4	Mr. S. Vinay Kumar, Asst. Professor	
5	Mr. M.S.V. Sashi Kumar, Asst. Professor	
6	Ms. V. Sireesha, Asst. Professor	
7	Mr. V. Punna Rao, Asst. Professor	
8	Mr. C. Gireesh, Asst. Professor	
9	Ms. B Syamala, Asst. Professor	
10	Mr. i. Navakanth, Asst. Professor	
11	Ms. T. Jalaja, Asst. Professor	
12	Ms. T. Nishitha, Asst. Professor	
13	Ms. Shanmuga Sundari, Asst. Professor	
14	Ms. M Sujana, Asst. Professor	

Chairman welcomed the members and gave a brief overview of the department Vision Mission PEO's PO's and PSO's. She also highlighted few achievements of the department in the previous academic year. She also emphasized on the AICTE model curriculum.

Schemes and Syllabus of M. Tech. 2018-19 Joining Batch

- Chairman said that the AICTE Model curriculum was adopted in preparation of the curriculum for this batch of students
- BOS Members suggested Advanced OS to be included in the curriculum.
- Udgata suggested offering Soft Computing can be as an Elective course.
- Distributed Computing can be moved to PE-V and Network Security to PE-I
- Continuous Internal Evaluation for the course Research Methodologies & Intellectual Property Rights can be done by asking students to read and present a technical paper along with a report submission.
- Members suggested that FS-I Soft Skills can be part of Audit course. The credits for FS-1 can instead be utilized in lab or any other course.
- Audit Course – I to be replaced with Advanced Databases.
- Requisite courses in PG courses should include subjects like Advanced Databases, Advanced Operating Systems, Advanced Algorithms and Advanced Data Structures.
- Information Security can be offered instead of Network Security. Include Blockchain topic, few topics from network security, database security in this course. Mathematical foundations must be a part of this course with atleast two units coverage.
- Data Science NPTEL course to be looked at in preparation of Mathematical Foundations of Computer Science course. Queuing Theory can be removed from the syllabus.
- AI and ML can be given as a single course. Statistical ML topic can be included in ML.
- Professional Elective III, IV can have Cloud Computing or Distributed Systems
- Include atleast a unit of content in Distributed Systems in Cloud Computing
- Teach Cloud computing course in III Semester and include Advanced DB in Sem II
- Give Software Engineering use cases as a project under Mini Project
- Offer an additional lab course in place of a seminar in one semester

BE Courses

I Semester:

- Courses were reviewed and no recommendations suggested.

II Semester:

- Udgata said Chemistry-II and Engineering Mechanics courses are not required for CS Students and can be removed.

- In place of these courses they said to include Data Structures in this semester along with a LAB.
- One course on Data Structures is enough since algorithms is offered in the subsequent semester

III Semester:

- No changes suggested

IV Semester:

- Differential calculus and Optimization topics should be included in M-IV as it helps in Data Science.
- Modify Mathematics-IV course to include contents of Discrete Mathematics and include any other Maths concepts that will help CS students.
- Bring Processors with Virtualization technology, ARM and Arduino along with 8085 processor in the syllabus and remove the existing topics.
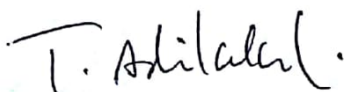
V Semester:

- Software Engineering is not in AICTE model curriculum but should be a Core subject. SE syllabus should be reframed by adding topics like Agile methodologies.

VI Semester:

- WPS, AI are not suggested in model curriculum but are offered as the members have accepted the inclusion of these courses in curriculum
- If possible, shift ALC to the previous semesters

VII Semester:

- DS, DM are not suggested in model curriculum but are offered
- All professional elective streams were reviewed.
- Cloud and Distributed Systems cannot be merged into a single course.
- Atleast 2 Streams must be completely offered.
- Two Professional Elective courses can be general and remaining can be specific verticals. Among these offer atleast TWO verticals to students if possible.
- Suggested the removal of Theoretical CS group
- Systems, AI & Data Engineering, Applications are Suggested as verticals

(Dr. T. Adilakshmi)
Chairman, BOS

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DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING

Date: 27.03.2018

Minutes of the meeting of Board of Studies, Computer Science & Engineering Department, held at 11.00 AM on Tuesday, 27th March 2018 at the Department, Vasavi College of Engineering, Ibrahimbagh, Hyderabad-31.

Members Present

Prof. Dr. T Adilakshmi, Dept. of CSE, VCE		Chairman & Head
Dr. K. Syamala Professor, Dept. of CSE, UCE Osmania University		OU Nominee
Dr. Siba K. Udgata Professor, HCU		Subject Expert
Dr. K. RadhaKrishna, Principal Research Scientist, Infosys		Industry Expert
Mr. UmaMahesh Mudigonda, Sr. Program Manager, Microsoft		Alumnus
1	Dr. Nagaratna P. Hegde, Professor	Faculty Members
2	Ms. M.Sunitha Reddy, Asst.Professor	
3	Mr. R. Sateesh Kumar, Asst.Professor	
4	Mr. S. Vinay Kumar, Asst.Professor	
5	Mr. M.S.V. Sashi Kumar, Asst.Professor	
6	Ms. V. Sireesha, Asst.Professor	
7	Ms. B. Syamala, Asst. Professor	
8	Mr. V. Punna Rao, Asst. Professor	
9	Mr. C. Gireesh, Asst. Professor	
10	Ms. T. Jalaja, Asst. Professor	
11	Ms. T Nishitha, Asst. Professor	
12	Ms. M Sundari, Asst. Professor	

Chairman welcomed the members and gave a brief overview of
- Department Vision
- Department Mission

- Program Educational Objectives
- Program Outcomes

She emphasized that Life-long learning is a very vital objective and the Department has been constantly encouraging students to work on MOOC Courses.

She had then thrown light on the significant achievements of the Department during the academic year 2016-17 and 2017-18 till date.

Schemes and Syllabus of B.E III and IV Semesters (CBCS) of 2017-18 joined batch and B.E V and VI Semesters of 2016-17 joined batches were ratified.

The duration of the Semester End Examination and marks distributions for theory & lab courses were discussed.

Marks distribution of CIE includes 20 marks for Internal exams, 10 marks for Assignment and 10 marks for Quiz.

Following are the recommendations suggested by BOS Committee members:

B.E III Semester (2017-18 joined batch)

Dr. RadhaKrishna suggested changing the course offered as Object Oriented Programming using Java to Object Oriented Programming (OOP).

Mr. UmaMahesh suggested a book for OOP course– An introduction to OOP by Thimothy A Budd.

HVPE-I Human Values and Professional Ethics, Introduction to Entrepreneurship are continued as one credit courses.

Mr. UmaMahesh suggested a book for Introduction to Entrepreneurship "The Lean Start-up" by Eric Ries.

B.E IV Semester (2017-18 joined batch)

Offering two Open Elective courses, one on Cyber Security and other on Introduction to Python Programming were discussed.

Dr. RadhaKrishna and Dr. SibaUdgata suggested to offer courses like Internet Ethics or Introduction to Mobile Application Development or Android Programming in place of Cyber Security.

Experts have suggested to offer open electives like Quantum computing, Sensor devices to CSE students instead of Physics and chemistry open electives.

B.E V Semester (2016-17 joined batch)

Offering open elective courses on Introduction to Java Programming and Introduction to Software Engineering (ISE) were discussed.

Prof. Shyamala said that Basics of OS is being offered in Osmania University.

UmaMahesh and RadhaKrishna suggested including Project Management instead of ISE.

B.E VI Semester (2016-17 joined batch)

HOD said "Introduction to Databases" will be offered as Open Elective – VI.

Experts suggested to replace Compiler Construction lab with AI Lab. They also suggested including Machine Learning course in the curriculum.

Mr. UmaMahesh suggested a textbook for Machine learning – "An Introduction to Statistical Learning: With Applications in R" by Daniela Witten and Gareth James

Experts suggested to include Machine Learning basics instead of NLP in Unit V in the proposed AI syllabus.

Experts suggested to include one unit on latest advances in Compilers in Compiler Construction course

RadhaKrishna suggested to focus on Microservices architecture in Web Programming and Services

UmaMahesh suggested to include Serverless Computing in the syllabus and ASP.Net can be removed from Unit-V.

Siba Udgata said that Unit III is overloaded and the concepts need to be reshuffled in the syllabus of Computer Networks. Experts suggested to remove the topics on EMAIL and WWW from UNIT IV and Security concepts from Unit V in Computer Networks. They have suggested to include Software Defined Networks in UNIT V.

Experts suggested to give assignments on few concepts to students to encourage self-learning instead of teaching all the concepts in classes.

(Dr. T. Adilakshmi)

Chairman, BOS

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 26.03.2016

Minutes of the meeting of Board of Studies, Information Technology department, held at 11.00 AM on 26.03.2016 (Saturday) at the Department of Information Technology, Vasavi College of Engineering, Ibrahimbagh, Hyderabad.

Members Presents

Dr. N. Vasantha	Chairman & Head
Dr. K. Sri Rama Murthy,	OU Nominee
Prof. P. Prem Chand	Subject expert – I
Dr. Asha Rani	Subject expert - II
Ms. K. Jagadamba	Industry representative –I
Mr. Raju Kanchibhotla	Industry representative –II
Mr. P. Vijay Kumar	PG alumnus
Mrs. S. Aruna, I/c. Head	Faculty members
Ms. S. Rajyalaxmi	
Ms. Ch. Pavani	
Ms. D. Kavitha	
Mr. K. Shyam Sunder Reddy	
Mr. G. Rajashekhar	
Mr. M. Vishnu Chaitanya	
Ms. R. Bhawana	
Mrs. S.K. Chaya Devi	

The following members of Board of Studies could not attend the meeting

1. Dr. N. Vasantha   2. Ch. Pavani   3. K. Shyam Sunder Reddy
4. G. Rajashekhar   5. R. Bhawana

In-charge HOD welcomed the members, gave an introduction to the IT department and the faculty.

The following points were discussed

1. Discussion on Course structure, scheme of examination for III year I & II Semesters.
2. Discussion on B.E theory and laboratory syllabus for III year I & II Semesters.

In this discussion the members suggested the following

1. Include Indian authored text books wherever applicable.
2. Elaborate the course objective into multiple points.
3. In Software Engineering course use a single case study / problem and make it comprehensive.

(Dr. K. Sri Rama Murthy)
OU Nominee

(Prof. P. Premchand)
Subject Expert-I

(Dr. Asha Rani)
Subject Expert-II

(MS. K. Jagadamba)
Industry Representative-I

(Mr. Raju Kanchibhotla)
Industry Representative-II

(Mr. P. Vijay Kumar)
PG Alumnus

(Dr. N. Vasantha)
Chairman, BOS

4. In operating Systems course include use cases of windows / Linux operating system for every unit.
5. For Technical Skills in I-Semester include the following text books.
   - Effective C++ and More Effective C++ by Scott Meyers.
6. Emphasize on applications of theory.

Resolutions: The following resolution have been made in the meeting

In summary, the members present have agreed for the proposed syllabus for Third Year I-Semester & II-Semester.

Meeting concluded with vote of thanks.

(Dr. N. Sri Rama Murthy)   (Prof. P. Premchand)   (Dr. Asha Rani)   (Ms. K. Jagadamba)
      OU Nominee   Subject Expert-I   Subject Expert-II   Industry Representative

(Mr. Ram Kanchibhotla)   (Mr. P. Vijay Kumar)   (Dr. N. Vasantha)
Industry Representative-II   PG Alumnus   Chairman, BOS

DEPARTMENT OF INFORMATION TECHNOLOGY
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
BOS Meeting on 26-03-2016 (Saturday) at 11:00 am

S.No	Name and Designation of the member	Category	Affiliation	Signature
1	Dr. N. Vasantha	Chairman, BOS	VCE	ABSENT
2	Dr. K. Sri Rama Murthy,	OU Nominee	IIT,Hyd	*signature*
3	Prof. P. Premchand	Subject Expert	OU	*signature*
4	Dr. Asha Rani	Subject Expert	JNTUH	*signature*
5	Ms. K. Jagadamba	Industry Representative	Infosys Labs	*signature*
6	Mr. Raju Kanchibhotla	Industry Representative	Logic Designers, Hyd.	*signature*
7	Mr. P. Vijay Kumar	PG Alumnus	Synopsys, Hyd.	*signature*
8	Mrs. S. Aruna	Associate Professor	VCE	*signature*
9	Ms. S. Rajyalaxmi	Assistant Professor	VCE	*signature*
10	Ms. Ch. Pavani	Assistant Professor	VCE	ABSENT
11	Mr. N. David Raju	Assistant Professor	VCE	*signature*
12	Ms. D. Kavitha	Assistant Professor	VCE	*signature*
13	Mr. K. Shyam Sunder Reddy	Assistant Professor	VCE	ABSENT
14	Mr. G. Rajashekhar	Assistant Professor	VCE	ABSENT
15	Mr. M. Vishnu Chaitanya	Assistant Professor	VCE	*signature*
16	Ms. R. Bhawana	Assistant Professor	VCE	ABSENT
17	Mrs. S.K. Chaya Devi	Assistant Professor	VCE	*signature*

B.E. I YEAR – I - SEMESTER

S.NO	Sub reference Code	Subject	Scheme of Instructions Periods per week L	T	D	P	Duration in Hrs	Scheme of Examination Maximum Marks Final Exam	Sessionals	Credits
THEORY										
1	HS 1100	Basic English-I	2	1	-	0	3	50	25	2
2	MA 1110	Engineering Mathematics – I	3	1	-	0	3	50	25	3
3	PH 1100	Engineering Physics	2	1	-	0	3	50	25	2
4	CH 1130	Engineering Chemistry	2	1	-	0	3	50	25	2
5	CS 1140	Computer Programming and problem solving	3	1	-	0	3	50	25	3
6	CE 1150	Basic Engineering Mechanics	3	1	-	0	3	50	25	3
7	CE 1160	Engineering Graphics-I	3	2	-	0	3	50	25	4
PRACTICALS										
8	HS 1111	English Lab - I	0	0	-	2	3	30	20	1
9	PH 1101	Engineering Physics Lab	0	0	-	2	3	30	20	1
10	CH 1131	Engineering Chemistry Lab	0	0	-	2	3	30	20	1
11	CS 1141	Computer Programming and problem solving Lab	0	0	-	2	3	30	20	1
12	ME 1161	Engineering Workshop - I	0	0	-	2	3	30	20	1
		TOTAL	**18**	**8**	**-**	**10**		**500**	**275**	**24**
		Grand Total	**36**					**775**		**24**

Dr.R.Balasubramanian
Member-BOS, Subject Expert

Dr.Alivelumanga Parimi
Member-BOS, OU Nominee

V.Srinivas
Member-BOS, Industry Expert

Prof. K.V. Ramana Murthy
BOS Chairman

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
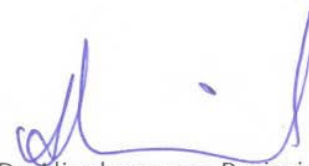## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
CBCS - SCHEME OF INSTRUCTION AND EXAMINATION W.E.F. 2016-2017

B.E. I YEAR – II - SEMESTER

S.NO	Sub reference Code	Subject	Scheme of Instructions					Scheme of Examination			
			Periods per week				Duration in Hrs	Maximum Marks			Credits
			L	T	D	P		Final Exam	Sessionals		
THEORY											
1	HS 1200	Basic English – II	2	1	-	0	3	50	25		2
2	MA 1210	Engineering Mathematics – II	3	1	-	0	3	50	25		3
3	PH 1210	Applied Physics	2	1	-	0	3	50	25		2
4	CH 1230	Applied Chemistry	2	1	-	0	3	50	25		2
5	CS 1240	Object oriented program using C++	3	1	-	0	3	50	25		3
6	CE 1250	Engineering Mechanics	3	1	-	0	3	50	25		3
7	CE 1260	Engineering Graphics - II	3	2	-	0	3	50	25		4
PRACTICALS											
8	HS 1211	English Lab - II	0	0	-	2	3	30	20		1
9	PH 1201	Applied Physics Lab	0	0	-	2	3	30	20		1
10	CH 1231	Applied Chemistry Lab	0	0	-	2	3	30	20		1
11	CS 1241	Object oriented program using C++ Lab	0	0	-	2	3	30	20		1
12	ME 1251	Engineering Workshop- II	0	0	-	2	3	30	20		1
		TOTAL	18	8	-	10		500	275		24
		Grand Total	36					775			24

Dr.R.Balasubramanian
Member-BOS, Subject Expert

Dr.Alivelumanga Parimi
Member-BOS, OU Nominee

V.Srinivas
Member-BOS, Industry Expert

Prof. K.V. Ramana Murthy
BOS Chairman

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DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of the fourth meeting of Board of Studies, Mechanical Engineering Department, held at 2.30 PM on 12.07.2016 (Tuesday) at the Department of Mechanical Engineering, Vasavi College of Engineering, Ibrahimbagh, Hyderabad.

Members Presents

Prof. G.V. Ramana Murthy	Chairman & Head
Dr. Jeevan Jaidi	OU nominee (BITS Hyderabad)
Prof. Sriram Venkatesh	Subject expert (OU Hyderabad)
Dr. B. Venkatesham	Subject expert (IIT Hyderabad)
Dr. N.K. Singh	Industry representative (BHEL R&D)
Dr. K. Kishore	Faculty member
Dr. T. Ramamohan Rao	Faculty member
Mr. K. Srinivasa Rao	Faculty member
Mr. P.V.Gopal Krishna	Faculty member
Mr. K.Veladri	Faculty member
Mr. V.B.S. Rajendra Prasad	Faculty member
Mr. B.Radha Krishna	Faculty member
Mr. J. Anjaneyulu	Faculty Member
Mr. S. Sreekrishna	Faculty member
Mrs. P.V.S. Subhashini	Faculty member
Mr. K.I. Spurgeon	Faculty member
Mr. D. Govinda Rao	Faculty member
Mr. B. Naga Manohar	Faculty member
Dr. A. Srinivas	Faculty member
Mr. S.Venkataiah	Faculty member
Mr. P. Venkateswara Rao	Faculty member
Mr. M. Sudhakar	Faculty member
Mr. B. Sandeep	Faculty Member
Mr. N.B. Samba Murthy	Faculty member
Mr. S. Venkateswarulu	Faculty member

The following members of Board of Studies could not attend the meeting

1. Mr. K. Pratap Singh Naik, PG Alumnus

Chairman welcomed the members and readout the agenda points for discussion.

1. **Finalisation of scheme of instruction for BE I Year 1st and 2nd Semesters under Choice Based Credit System (CBCS)**
Chairman readout the scheme of instruction proposed for B.E. 1st year to be implimented w.e.f. A.Y. 2016-17. The highlights of the scheme are given under.

    1.1. The duration of the class has been changed from 50 minutes to 60 minutes.

    1.2. The scheme of instruciton is prepared in such a way that the contact hours for teaching is 36 in both first and second semesters

    1.3. The total number of credits shall be 24 for I & II semester respectively under CBCS.

    1.4. The scheme of instruction and examination as proposed by the department has been approved for implementation at BOS level.

2. **Syllabus finalisation for Workshop Practice-I & II from Department of Mechanical Engineering to the students of B.E. I year A.Y. 2016-17 under CBCS.**
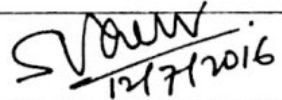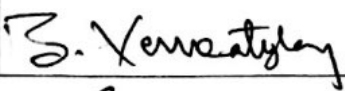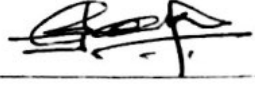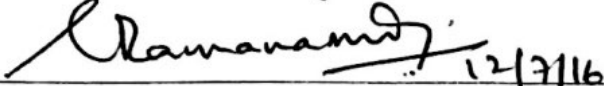
    2.1. The syllabus proposed to be covered for all the branches of engineering in the first semester has been reviewed, edited and recommended for approval.

    2.2. The syllabus proposed to be covered for Mechanical Engineering, EEE and Civil Engineering in the second semester has been reviewed, edited and recommended for approval.

    4. **Changes in scheme of instruction for B.E. III year A.Y. 2016-17 under Autonomy.**

    As a result of the discussions in the Academic Council held on 18.06.2016, changes have been made in the scheme of instruciton for 3rd year to be implimented in the Academic Year 2016-17 under autonomy which was discussed in the 3rd BOS meeting held on 19th March, 2016. The changed scheme of instruction has now been ratified in this meeting.

4. **Any other points**
    - The members suggested that the number of quiz tests and assignments to be given for first year students may be left to the descretion of the faculty. The assignments and quiz tests may preferably be conducted in the weekend classes.
    - The scheme of instruction for the second, third and fourth years was also discussed. The members opined that the control engineering course may be shifted to fifth or sixth semester. The percentage of PC and PE courses put together may be increased with the corresponding reduction in ES. The Environmental Studies course may also be considered as part of Basic Sciences.

Prof. Sriram Venkatesh Subject Expert-1		Dr. N.K. Singh Industry Expert	
Dr. B. Venkatesham Subject Expert-2		Dr. Jeevan Jaidi OU Nominee	
Dr. G.V. Ramana Murty Chairman, BOS			

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of the fifth meeting of Board of Studies, Mechanical Engineering Department, held at 3.00 PM on 14.09.2016 (Wednesday) at the Department of Mechanical Engineering, Vasavi College of Engineering, Ibrahimbagh, Hyderabad.

Members Presents

Prof. G.V. Ramana Murthy	Chairman & Head
Dr. Jeevan Jaidi	OU nominee (BITS Hyderabad)
Prof. Sriram Venkatesh	Subject expert (OU Hyderabad)
Dr. B. Venkatesham	Subject expert (IIT Hyderabad)
Dr. N.K. Singh	Industry representative (BHEL R&D)
Dr. K. Kishore	Faculty member
Dr. T. Ramamohan Rao	Faculty member
Mr. K. Srinivasa Rao	Faculty member
Mr. P.V.Gopal Krishna	Faculty member
Mr. K.Veladri	Faculty member
Mr. V.B.S. Rajendra Prasad	Faculty member
Mr. B.Radha Krishna	Faculty member
Mr. J. Anjaneyulu	Faculty Member
Mr. S. Sreekrishna	Faculty member
Mrs. P.V.S. Subhashini	Faculty member
Mr. K.I. Spurgeon	Faculty member
Mr. D. Govinda Rao	Faculty member
Mr. B. Naga Manohar	Faculty member
Dr. A. Srinivas	Faculty member
Mr. S.Venkataiah	Faculty member
Mr. P. Venkateswara Rao	Faculty member
Mr. M. Sudhakar	Faculty member
Mr. B. Sandeep	Faculty Member
Mr. N.B. Samba Murthy	Faculty member
Mr. S. Venkateswarulu	Faculty member

The following members of Board of Studies could not attend the meeting

1. Mr. K. Pratap Singh Naik, PG Alumnus

Chairman welcomed the members and readout the agenda points for discussion.

1. **Finalisation of scheme of instruction for ME 1st & 2nd Years under Choice Based Credit System (CBCS)**

   Chairman readout the scheme of instruction proposed for M.E. 1st year to be implimented w.e.f. A.Y. 2016-17 under choice based credit system.

   1.1 The scheme consists of three core and three elective courses in the first semester and second semester respectively. The students will be required to register for elective courses after choosing from a list of courses. The list of courses for electives have been grouped under three categories namely Design, Manufacturing and Analysis. Each student need to complete two elective courses from each category. The scheme also includes course on Finishing School: Soft Skills in first and second semester respectively in order to improve the communication skills of the students.

   1.2 It is suggested that the course on Mechanical Behaviour of Materials under Analysis Group to be shifted to Manufacturing Group and accordingly same has been accepted. It has been suggested that an additional course on numerical analysis and modelling be included in the analysis group which has been agreed to.
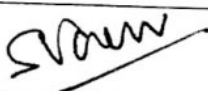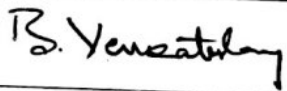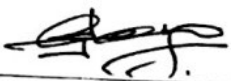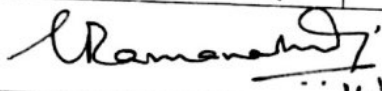
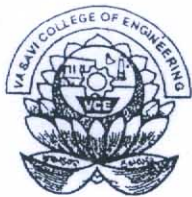   The scheme of instruction and examination with the above modifications has been approved.

2. Approval of syllabus for ME 1st & 2nd Years under Choice Based Credit System (CBCS)

   The members went through the syllabus framed for core courses and elective courses. The following suggestions have been suggested.

   2.1 Title (Design for Assembly) has been assigned to unit-5 of course "Design for Manufacture and Assembly".
   2.2 No prerequisite is needed for unit-5 of Computer Aided Mechanical Design and Analysis.
   2.3 A topic on introduction to compliant mechanisms has been added in unit-5 of Advanced Kinematics.
   2.4 The course content for unit-3 of Mechanical Vibrations has been revised based on the discussions.
   2.5 The contents of unit-1 in Design of Pressure Vessels and Piping have been enlarged.

   The course contents and syllabus with the above modifications has been approved.

Prof. Sriram Venkatesh Subject Expert-1		Dr. N.K. Singh Industry Expert	
Dr. B. Venkatesham Subject Expert-2		Dr. Jeevan Jaidi OU Nominee	
Dr. G.V. Ramana Murty Chairman, BOS			

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VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
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PA to Principal

20.09.2016

Minutes of the meeting of the 5th Academic Council of the College held on 17.09.2016 (Saturday) at 11.00 a.m. in the Conference Hall, Visvesvaraya Block, Vasavi College of Engineering

Members Present:

1	Dr. K. Jaya Sankar, Principal & HoD-ECE	:	Chairman
2	Prof. M. Kumar, Department of Civil Engg., Osmania University	:	Univ. Nominee & Member
3	Prof. G. Yesu Ratnam, Dept. of EEE, Osmania University	:	Univ. Nominee & Member
4	Prof. P. Ushasree, Dept. of Mech. Engg., Osmania University	:	Univ. Nominee & Member
5	Dr. V. Sudhakar, Prof. & Head, Department of Education, EFLU, Hyderabad	:	Educationist & Member
6	Dr. C.N.V. Ramana, General Manager, TCGT, BHEL, Hyd	:	Industry Representative & Member
7	Dr. B. Sridhar, HoD, Civil Engg.	:	Member
8	Dr. T. Adilaxmi, HoD, CSE	:	Member
9	Prof. K.V. Ramana Murthy, HoD, EEE	:	Member
10	Dr.T. Ram Mohan Rao, HoD-IT	:	Member
11	Dr. G.V. Ramana Murty, HoD, Mech. Engg.	:	Member
12	Dr. P. Hemagiri Rao, HoD, C.A.	:	Member
13	Dr. T. Sudhakara Rao, HoD, Mathematics	:	Member

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14	Dr. A.S. Sai Prasad, HoD, Physics	:	Member
15	Dr. Ch. Gouri Shankar, HoD, Chemistry	:	Member
16	Dr. Jacqueline Amaral, HoD, H & SS	:	Member
17	Dr. K. Kishore, Professor, Mech. Engg.,	:	Member
18	Dr. E. Sreenivasa Rao, Professor, ECE	:	Member
19	Dr. M. Chakravarthy, Professor, EEE	:	Member
20	Sri M. Bhasker, Associate Professor, Civil Engg.,	:	Member
21	Dr. G. Ramadevudu, Asst. Prof., Physics	:	Member-Secretary

The following members of the Academic Council could not attend the meeting:

➢ Dr. K.S. Ratnakar, Director, GMRF, Hyderabad   :   Educationist & Member

➢ Sri Ramesh Loganathan, Vice President, Products &   Industry Representative
   Centre Head, Progressive Software, Hyderabad   & Member

The Chairman of the Academic Council, Dr. K. Jaya Sankar presided over the meeting and extended warm welcome to the members. The Chairman introduced Sri M. Bhasker, Associate Professor, Civil Engineering Department, who has been inducted as a member on the Academic Council. The following items on the agenda were taken-up for consideration:

1. **Confirmation of minutes of the 4th and Special meeting of the Academic Council held on 19.07.2016 & 12.08.2016 respectively.**

    The minutes of the 4th and the Special meeting of the Academic Council held on 19.07.2016 & 12.08.2016 respectively were read and confirmed.

2. Action taken report on the Minutes of the Meetings of 4th and Special Academic Council held on 19.07.2016 & 12.08.2016 respectively.

Item No.	Council approval/ Recommendation	Action Taken
Special Academic Council held on 12.08.2016		
Item No. 1	Promotion of the eligible students into ¾ BE I-Semester consequent to declaration of results pertaining to B.E ¼ I and II semesters examinations conducted as a special case (one-time measure) in July/August 2016.	The eligible students were given promotion into ¾ BE I-Semester consequent to declaration of results pertaining to B.E ¼ I and II semesters examinations conducted as a special case (one-time measure) in July/August 2016. The students are attending the ¾ BE I-Semester class work.
4th Academic Council Meeting held on 19.07.2016		
Item No.3	Change of Class duration from 50 minutes to one hour (60 minutes)	Under CBCS the duration of a class is made as one clock hour instead of 50 minutes
	The ratio 70:30 for SEE to CIE shall be continued in the I year B.E. The proposed marks for theory courses in SEE & CIE are to be changed from 50 and 25 to 70 and 30 marks respectively.	In the CBCS structure as per the suggestion, SEE: CIE was made as 70:30 for the I year B.E. also. The marks for theory and laboratory for semester end examination was fixed as 70 and 50 respectively for each course. The marks for theory and laboratory for internal assessment (CIE) was fixed as 30 and 25 respectively for each course.
	Revision of subject reference codes for I/IV B.E under CBCS.	Revised the subject reference code as suggested for I/IV B.E under CBCS. Ex: **ES110CS** Computer Programming & Problem Solving using C **BS110MA**- Engineering Mathematics – I
Item No.4	Course outcomes and course objectives for all the courses of I/IV B.E. I & II semesters must be re-arranged with appropriate words	The HoDs of Departments concerned made the required changes and revised the course objectives and outcomes.
	In the list of reference of books, the following order may be used uniformly in all courses. Author name(s), title of the book, publisher's name, edition number, year of publication.	In the reference list of books, the suggested order was followed uniformly across all the Departments.
	The format of the syllabus of each and every course must be the same including font and font sizes.	The format of the syllabus was made uniform and the same font and font sizes were used.
Item No.5	The members have suggested that the draft rules and regulations proposed under CBCS may be circulated to the members and receive the comments.	The draft rules and regulations proposed under CBCS are circulated to the members for the comments.
Item No.8	Recommended to conduct B.E. I year (both semesters) examination for the candidates detained in B.E. II year examinations held in May/June, 2016 as onetime measure	After giving enough time for preparation, examinations were conducted to B.E. I year (both semesters) examination for the candidates detained in B.E. II year examinations held in May/June, 2016 as onetime measure and results were declared.

The Member-Secretary informed the Academic Council that the above actions were taken in accordance with the resolutions of the Academic Council Meetings held on 19.07.2016 and 12.08.2016 respectively. In reply to a query of the members, the Chairman informed that, out of 32 detained students only 29 students registered for one time examinations conducted as a special measure in July/Aug, 2016. Out of 29 students, 21 students have cleared their backlogs. Among these 21 students, 17 of them were having single subject as backlog. ·

3. **Approval of Scheme of Instruction and Examination of ME / M.Tech programs proposed under CBCS.**

    The Chairman & Principal Prof.K. Jaya Sankar informed the members that the College is implementing Choice Based Credit System (CBCS) for M.E./M.Tech programs from the Academic year 2016-17 onwards. Hence, new scheme of instruction & Examination and Syllabi have been approved by the respective Boards of Studies for M.E./M.Tech programs. He requested the HoDs of concerned departments offering M.E./M.Tech programs to make a brief presentation of the scheme and syllabi before the members for its approval.

    a) M.Tech (Computer Science and Engineering)

    Prof. T. Adi laxmi, HoD-CSE presented the scheme and syllabi to the members. The members of the Academic Council have given the following suggestions:

    *   Seminar shall be shown as program core (PC) but not as Employability Enhancement Course (EEC).
    *   Similarly Seminar dissertation shall also be shown under PC instead of EEC.
    *   Open electives can also be offered.

    The scheme and syllabi of M.Tech (CSE) were approved by the Academic Council.

    b) M.E. ECE (Embedded Systems & VLSI Design) and M.E. ECE (Communications & Signal Processing)

    Prof. K. Jaya Sankar, HoD-ECE, made a brief presentation on the scheme and syllabi of the 2 PG courses to the members.

    The members of the Academic Council have suggested that, all the PG programs should use uniform notation for the courses offered by the department as PE, PC and EEC appropriately.

    The scheme and syllabi of M.E. (ECE-Embedded Systems & VLSI Design) and M.E. (ECE Communications & Signal Processing) have been approved by the Academic Council.

    c) M.E. (EEE-Power Systems and Power Electronics)

    Prof. K.V. Ramana Murthy, HoD-EEE made a brief presentation on the scheme and syllabi of M.E. (EEE) *Power Systems and Power Electronics* to the members.

    The members of the Academic Council advised to offer one lab each separately for Power Systems and Power Engineering instead of proposed single lab for the program.

The scheme and syllabi of M.E. (EEE-Power Systems and Power Electronics) have been approved by the Academic Council.

d) Mechanical (Advanced Design & Manufacturing)

Prof. G.V. Ramana Murty, HoD-Mech., presented the scheme and syllabi of M.E. (Mechanical) Advanced Design & Manufacturing to the members.

The HoD informed that they have introduced Mathematics as one of the subjects for M.E. students also.

The members of the Academic Council advised to offer Mathematics as open elective if possible.

The scheme and syllabi of (Mechanical) Advanced Design & Manufacturing to the members have been approved by the Academic Council.

The following suggestions have been made by the Members.

- Under Continuous Internal Evaluation (CIE) there is no need of conducting external examination for laboratory courses for PG students.
- All CIE examinations are to be conducted for 50 marks instead of 25 marks.
- For all programs, the lab duration must be two hours and one credit shall be awarded.
- The finishing school CIE examination shall be conducted for 15 marks and Semester End Examination (SEE) for 35 marks of 2 hrs duration.
- Across all the departments, two laboratories may be included in the scheme of examination.
- Projects offered to the students may be from the industry or by the faculty members.

4. **Approval of Scheme of Instruction & Examination and Syllabi of MCA program proposed under CBCS:**

The College is implementing the Choice Based Credit System w.e.f. the academic year 2016-17 also for the 3 yr. Master of Computer Application program. The Board of Studies of Computer Applications have revised the syllabus and approved the Scheme of Instruction Examination for first year.

The Head, Department of Computer Applications Prof.P. Hemagiri Rao, presented the course structure and contents of syllabi of first year MCA.

The Academic Council approved the Scheme of Instruction and Syllabi of the MCA program

5. **Approval of Academic Rules and Regulations for B.E., M.E./M.Tech & MCA under CBCS to be implemented from the Academic year 2016-17**

The proposed academic rules and regulations under CBCS for B.E., M.E./M.Tech & MCA have been presented by the Member-Secretary Dr.G.Ramadevudu before the Academic Council.

It is informed that, the general frame work of academic rules and regulations prescribed under Autonomy such as promotion rules, award of credit and letter grades etc., remains the same under CBCS system.

The members have gone through the academic rules and regulations proposed by the College and approved the same. The rules and regulations are given as Annexure-I

6. **Approval for award of Grade to B.E., M.E./M.Tech & MCA under Autonomous status**

To obtain degree, the student shall have passed in all the courses and secured the number of credits as prescribed in the scheme of instruction of program offered by department concerned and shall not have any disciplinary actions pending against him/her. The following criteria have been proposed for award of degree

Award of Grade to B.E., & MCA

Academic Performance (%)	Letter Grade		Grade Points
90 to 100	A+	Out Standing	10
80 to 89.99	A	Excellent	09
70 to 79.99	B+	Very Good	08
60 to 69.99	B	Good	07
50 to 59.99	C	Average	06
40 to 49.99	D	Pass	05
0.00	Ab	Absent	0
Below 40 (Theory).	F	Fail	0
Below 50(Laboratory)	F	Fail	0

CGPA SCORE	DIVISON AWARDED
7.50 and above (10.00-7.50)	First Division with distinction
6.50 and above and below 7.50	First Division
5.50 and above below 6.50	Second Division
4.50 and above below 5.50	Pass division
Otherwise	Fail

Award of Grade to M.E./M.Tech

Academic Performance (%)	Letter Grade		Grade Points
90 to 100	A+	Out Standing	10
80 to 89.99	A	Excellent	09
70 to 79.99	B+	Very Good	08
60 to 69.99	B	Good	07
50 to 59.99	C	Pass	06
Absent	Ab	FAIL	0
Below 50 (Theory and Laboratory)	F	Fail	0

Division is awarded on a 10-point scale as mentioned below:

CGPA Score	Type of Grade Awarded
A CGPA 8.00-10	First Division with distinction*
A CGPA of 6.50 and above but below 8.00	First Division
A CGPA of below 6.50 and above 6.00	Second Division
A CGPA score below 6	Fail

* distinction with first division is awarded only if passed in the first examination appeared

Principal & Chairman
Academic Council

Member Secretary
Academic Council