

Minutes of the Online Common Board of Studies Meeting held on 20th July, 2020 at 5:00PM and consequently on 23rd July, 2020 at 10:00 AM with the Chairpersons of BoS of all Departments and the Chairpersons of BoS of Engineering Departments respectively.

Members Present:

1. Dr. P. Ravinder Reddy, Principal
2. Dr. Suresh Pabboju, Director-IQAC
3. Dr. K. Krishnaveni, Director-Academics
4. Dr. R. Sreedhar Rao, Director-AEC & COE
5. Dr. N.L.N. Reddy, Director-CDC & Assoc. Prof., Chem. Engg.
6. Dr. M. Swamy Das, Joint Director-Academics (Informatics)
7. Dr. Y. Raja Sri, I/c-Head, Dept. of Biotechnology
8. Dr. K. Lakshmi, Prof. & Head, Dept. of Chemistry.
9. Dr. A. Vimala, Prof. & Head, Dept. of Civil Engg.
10. Dr. Y. Rama Devi, Prof. & Head, Dept. of CSE.
11. Dr. G. Suresh Babu, Prof. & Head, Dept. of EEE.
12. Dr. D. Krishna Reddy, Prof. & Head, Dept. of ECE.
13. Dr. K. Radhika, Prof. & Head, Dept. of IT.
14. Dr. P. Raji Reddy, Prof. & Head, Dept. of M&H.
15. Dr. P. V. R. Ravindra Reddy, Prof. & Head, Dept of Mech. Engg.
16. Dr. D. L. Srinivas Reddy, Head, Dept. of MCA.
17. Dr. B. Linga Reddy, Prof. & Head, Dept. of Physics.
18. Dr. S. Saraswathi, I/c-Head, Dept. of SMS.
19. Dr. A. Sandhya Reddy, Head, Dept. of English.
20. Dr. P. Venkata Prasad, Controller of Examinations

Dr. P. Ravinder Reddy, Principal, CBIT, occupied the Chair and conducted the proceedings. Principal asked the Director-Academics and Joint Director-Academics to present the proposed Curriculum Structure for R-20.

Item No.1 : **Finalizing the Curriculum(R-20) of B.E/B.Tech Programs for the Academic Year 2020-21**

Minutes : **The Director-Academics and Joint Director-Academics (Informatics) Presented the Proposed Curriculum Structure (R-20) to be implemented from the Academic Year 2020-21.**

After thorough discussions with all the Members present, the Common BoS Committee decided to incorporate the following modifications in the proposed Structure.

1. To increase maximum Number of Credits for the Professional Core Courses from '60' to '64'.

No. of Credits for the Professional Electives can range from '12' to '18'.
No. of Credits for the Professional Electives can range from '9' to '15'.
Total number of Credits for the Professional Elective and Open Elective Courses should be '27'.

2. To include 'Universal Human Values 2-Understanding Harmony' as a 3 Credit Mandatory Course based on the Guidelines received from the AICTE (Letter dated 19 Feb. 2020). This should be included under the Humanities and Social Sciences Category.

3. To allot '1.5' Credits each to the 'Community Engagement' and the 'Engineering Exploration' course instead of '2' and '1' Credits for these Courses.

It is decided to offer the 'Community Engagement' Course from the SMS Board and 'Engineering Exploration' Course from the Department of Mechanical Engineering.

Further the Chairpersons of these BoS are asked to coordinate with Joint Director-Academics (Informatics) in framing the Syllabus and Evaluation Criteria.

4. Based on the request from the BoS Chairpersons of all the Nine Sections of Informatics Courses, i.e., B.E-CSE (Artificial Intelligence and Machine Learning), B.E-CSE (Internet of Things and Cyber Security including Block Chain Technology, B.E - Artificial Intelligence and Data Science, CSE, IT, and Bio-Technology, it is decided to include a new Engineering Science Course (ESC) in place of 'Engineering Mechanics' to be offered in the II Sem. Decision on the title and Syllabus of the new ESC Course is left to the respective BoS.

5. Based on the request received from the Chairperson & HoD, Civil Engg., it is decided to give an option to the individual Departments to offer any of the Course from the following list in place of 'Basics of Data Structure' Course, they can offer any one Basics of Data Structure (BDS)/ Engineering Mechanics-II (EM-II) / Basic Electronics (BE) Sensors and Transducers/Instrumentation (S&T/I)

Item No.2 : **Award of "Honours" and "Additional Minor Engineering"**

Minutes : Principal informed the Members about the acceptance received from the Standing Committee of the Academic Senate, Osmania University for implementation of the "Honours" and "Additional Minor Engineering Degree" from the Academic Year 2018-19 onwards. The Award of Degrees are based on the AICTE Model Curriculum with reference to Letter received from the Office of the Dean, Faculty of Engineering, Osmania University dated 26.11.2019).

Principal explained that following is the eligibility criteria for earning the B.E/B.Tech. Honours and Additional Minor Engineering Degrees.

The Credit requirement for the award of Regular B.E/B.Tech. Degree is 160. A student will be eligible to get Under Graduate Degree with "Honours" or "Additional Minor Engineering", if he/she completes an additional 20 Credits in each case of Honours Degree and Minor Engineering Degree. These could be acquired through MOOCs.

(i) Honours :

In addition to their primary Program(B.E/B.Tech.), an Engineering Student has the opportunity to award with 'Honours' Degree.

By opting for 'Honours', the student shall earn at least Twenty (20) additional Credits of Professional Courses. These additional Twenty (20) Credit Courses shall not be part of the regular Curriculum.

Eligibility:

"Honours" is open to all current Engineering/ Technology Undergraduates who have taken admission under AICTE Model Curriculum i.e., for the Students who have taken admission on or after 2018-19 Academic Year.

Award of an "Honours" Degree is subject to the following conditions:

- a) The Student has to earn atleast twenty (20) additional Credits.
- b) Earning of these additional credits shall be through MOOCs/NPTEL/any other on-line Courses, which are approved by the respective BoS.
- c) Twenty(20) Credits respective Engineering discipline Courses.
- d) The list of Courses is subject to the approval of respective BoS.
- e) A Student must ensure that the Student shall earn these additional Credits before the completion of the regular Course.
- f) It is the Student's responsibility for registering the Courses through ONLINE and the required Registration Fee shall be borne by the respective Student.

(ii) Additional Minor Engineering :

In addition to their primary Program (B.E/B.Tech.), an Engineering Student has the opportunity to study one 'Additional Minor Engineering', and the interesting areas are listed below. This list is prepared based on the information provided by AICTE Model Curriculum.

"Additional Minor Engineering" (Title)	Board of Studies	"Additional Minor Engineering" (Title)	Board of Studies
Data Sciences	IT	Computer Engineering (for non-CSE/IT students)	CSE
Cyber Security	IT	Artificial Intelligence Engineering	CSE
Information Security	IT	Computer Vision	CSE
Advanced Manufacturing	Mechanical	Cloud Computing	CSE
3D Printing	Mechanical	IoT	CSE
Robotics	Mechanical	Material Science	Chemical
Nano Engineering.	Mechanical	AR/VR	IT
Mechatronics	Mechanical	Embedded Systems	ECE

Bio-Engineering.	Bio-Tech.	Remote Sensing and GIS	ECE
Environmental Engineering	Civil	VLSI	ECE
Sustainable Energy	EEE	Biomedical Engineering.	ECE
Autonomous Vehicles	EEE	Business management	SMS
Power Electronics	EEE	Business Economics	SMS

'Additional Minor Engineering' allows a Student to gain interdisciplinary experience and exposure to concepts and perspectives which may not be a part of their regular Degree Program, thus widening their understanding of the Engineering Profession.

Upon completion of an "**Additional Minor Engineering**", a Student shall be better equipped to perform interdisciplinary research.

Eligibility :

"**Additional Minor Engineering**" is open to all current Engineering/Technology Undergraduates who have taken admission under AICTE Model Curriculum i.e., for the Students who have taken admission on or after 2018-19 Academic Year.

Award of an "Additional Minor Engineering" Degree is subject to the following conditions:

- a) The Student must earn atleast twenty(20) additional Credits.
- b) Earning of these additional credits shall be through MOOCs/NPTEL/any other on-line Courses, which are approved by the respective BoS.
- c) The list of Courses are subject to the approval of respective BoS.
- d) These additional twenty (20) Credit Courses shall not be part of the regular Curriculum.
- e) A student must ensure that he/she shall earn the required Credits for the award of respective "**Additional Minor Engineering" Degree**, before the completion of the regular Course.
- f) It is the Student's responsibility for registering the Courses through ONLINE and the required Registration Fee shall be borne by the respective Student.

Other information :

- i. Students shall obtain approval(s) from their parent Department and Principal before opting for "**Additional Minor Engineering**" or "**Honours**".
- ii. A Student is eligible to opt either for "Honours" or "Additional Minor Engineering".
- iii. A student is not eligible to opt for both the said Degrees.

Item No.3 : Rules and Regulations, Scheme of Evaluation for R-20

Minutes : Principal asked the following Members to frame the Rules and Regulations, Scheme of Evaluation for Regulation-20 and submit the same on or before 31st July. He further advised these Members to co-ordinate with the Heads

of the Departments/Chairpersons of BoS, Director-AEC&CoE, and Controller of Examinations wherever necessary.

1. Dr. Suresh Pabboju, Director - IQAC
2. Dr. K. Krishnaveni, Director - Academics
3. Dr. M. Swamidas, Joint Director - Academics (Informatics)

As there being no other items to discuss Principal thanked all the Members and concluded the Meeting.



PRINCIPAL

To

All the Chairpersons of BoS of all Departments, for information and N/a.

The Director-IQAC, Director-Academics, Director-AEC&COE & Joint Director-Academics(Informatics), and CoE, for information and N/a.

C.C. to the Advisor-RCG, CBIT, for kind information.