Tatyasaheb Kore Institute of Engineering and Technology, Warananagar
(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)

Department of Electronics and Telecommunication Engg.

Board of Studies Meeting No.01 : Minutes of the meeting

Day & Date: Thursday, 29th April 2021   **Time:** 10.00AM
Venue: Department of Electronics and Telecommunication Engg

AGENDA

1.1 Greeting and Welcoming the BoS members

1.2 Introduction of the BoS Members

1.3 Discuss the objectives of BoS and role of BoS members

1.4 Review of existing B.Tech (CBCS) Shivaji University syllabus structure

1.5 Presentation of proposed B.Tech & First Year M.Tech (Autonomous) syllabus

   Structure w.e.f. 2021-22

1.6 Inviting suggestions from BoS members for proposed syllabus structure

1.7 Recommendation of text books and reference books

1.8 Methodologies for teaching-learning and evaluation

1.9 Approval of S.Y.B.Tech and First Year M.Tech syllabus structure to be

    implemented w.e.f.2021-22

 1.10 Any other point with the permission of the Chair

Following members were present for the :
External Members:

Sr. No.	Name of the Member	Category	Designation	Mode of Attend
1	Dr. B. G. Patil	Expert nominated by Vice Chancellor, Shivaji University, Kolhapur	Head , Dept. Of Electronics, WCE, Sangli	Online
2	Mr. Sandesh B. Mane	Member from Industry expert	[SCI/ENGR-SE],National remote sensing centre, ISRO , Govt. Of India, Telangana , India	Online
3	Mr. Mahesh B. Patil	Member from Industry expert	Scientific Officer/G, CnID , BARC , Mumbai	Online
4	Dr. Sanjay H. Dhabhole	Member from Faculty from other college	Principal, Sant Gajanan Maharaj Polytechnic, Mahagaon, Gadhinglaj, Kolhapur	Online
5	Mr. Amol S. Kashid	Member from Alumnus	Director, Triangular Info solution Pvt. Ltd, Pune	Online
6	Dr. K.R.Desai	PG Meritorious Alumnus	Head , Dept. Of E&TC , BVK COE, Kolhapur	Online

Internal Members:

Sr. No.	Name of the Member	Category	Designation	Sign
1	Prof. Chandrashekhar P. Shinde	Head of Department (HOD)	Head of Department (HOD)	
2	Dr. Balaso T. Salokhe	Faculty Member from Department	Professor	
3	Dr. Santosh D. Bhopale	Faculty Member from Department	Assistant Professor	
4	Prof. Dilip G. Chougule	Faculty Member from Department	Professor	
5	Prof. Subhash S. Patil	Faculty Member from Department	Professor	
6	Prof. Abhijeet S. Mali	Faculty Member from Department	Assistant Professor	
7	Prof B.G.Warvante	Faculty Member from Department	Assistant Professor	
8	Prof(Mrs) A.A.thorat	Faculty Member from Department	Assistant Professor	
9	Prof S.H.More	Faculty Member from Department	Assistant Professor	
10	Prof.P.V.lokhande	Faculty Member from Department	Assistant Professor	

The member who could not attend the meeting is

Dr. Yuvaraj M. Patil   External subject experts from outside college
Controller Of Examination, Kolhapur Institute of
Technology, Kolhapur

Minutes of the BoS meeting

1. Prof S. S. Patil and Dr. B.T. Salokhe , welcomed all the honorable members of
 the meeting.

2. Dr. S.D. Bhopale, Member secretary of BoS , introduced all external BOS members

3.Dr. S.V. Anekar, Principal, Presented keynote address to all the BoS members & reviewed the
 difference between affiliated & autonomous status & also discussed about the credits for the
 academic course & honors course. The total credits were limited to 165 for four year
 Electronics and Telecommunication Engg course. After every three years curriculum should be
 updated .The students should be aware of lifelong learning to fill the gap according to the
 change in technology & industry like mobile communication, IT, health care equipment, self
 driving car, analog and radio frequency, application of nanotechnology etc.

4. Dr. K. I. Patil , Dean Academic & Member of BoS ,Delivered the objectives of BoS meeting
 and highlighted the today's Engineering education and professional in the globalised &
 digitalized world. He also focused on development of syllabus structure consisting of solid
 foundation all engineering subjects to develop skilled man power in education system

5. Prof. C.P.Shinde ,Chairman of the meeting, Addressed about importance and role of BoS
members. Also Presented the department and invited suggestions from members

6 Prof. A.S.Mali, Presented the syllabus structure from Sem-III to Sem-VIII and invited
 suggestions from members.

7.Dr .Dabhole S. H. brought to the notice of member that as per credit assigned for practical and theory marking strategies, internal and external assessment should be done. He focused on micro Projects based on languages and hardware which should include depending on internal strategies, so that project based learning can be achieved. He also suggested to prepare list of core subjects, elective subjects (Discipline electives),as well as open electives He suggested to club ECD-I and ECD II together. Also LIC, ECD-I and ECD II subjects can club together.

8. Dr. B. G. Patil advised about in semester evaluation. He suggested to start mini projects from second year itself. He focused to include audit courses in third year.

9. Dr. K. R. Desai suggested to include industry oriented digital concepts in subject Digital Electronics semester III. He focused to keep separate open elective list in specific field. He also suggested to include cyber security as a P.G. elective

10. **Mr Sandesh Mane suggested the following points**

1) In second year whatever subjects are taught can be taken as programming exercise in programming labs. Also mathematical modeling of theory subjects like control system. (In industries, Control system maximum work is done in matlab modeling first and then on embedded hardware.)
2) Plan for mini projects from second year onwards.
3) Microprocessor & microcontrollers in 3rd year as planned, should very well verged with advanced microcontrollers (real time) even.

4) In final year in Microwave Engineering subject can be included some introduction to Microwave Monolithic Integrated Circuit (MMIC) and Hybrid Microwave Integrated circuit (HMIC) design related topics.
5) Plan to have somewhere microwave circuit design lab (Simulations of some very basic microwave components)
6) Every student should present recent advanced topics as seminar. So that it would be

helpful to everyone to at least listen the topics and be in touch with ongoing changes. Along with that students can present some sort of simulation or their idea of implementation in that topic to be included in seminar. (Would it be helpful for students to gain confidence of speaking if it's made credit course with some points

7) Students should get exposure to simulation softwares Like HFSS, CST, Feko, Advanced Design System (ADS) any of it.

8) In second year any semester students should be made aware for properly formatted document/ how the document or report or project thesis has to be made. If possible one common format for college ENTC department.

9) For PG students documentation can be asked to do in LaTeX (LaTeX is a software system for document preparation. Its Open source software freely available. Its very professional and widely used for writing Thesis). If not in Latex, in word document some standard format of institute can also be maintained for THESIS.

11. **Mr. Mahesh Patil suggested the following points**,

1. Renewable energy is and will play an important part in our life, from electronics perspective Solar PV technologies, hybrid systems, on/off grid inverters, batteries to store energy etc can be think of get covered

2. EVs drives used to run motors, Lion based battery technologies, BMS, communication system can be think of

3. Exposure to open source hardware platforms such as Arduino etc

4. Exposure to National and international standards used in communications, power electronics, medical equipments and other electronics related

5. Exposure to electronic circuit modeling and simulation using psice based tools, in matlab can think of adding simulink as well

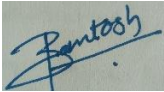12. **Mr. Amol Kashid suggested the following points**

1. Course for Mobile App Development majorly Android Based Programming can be included which will make aware to launch mobile or Web App, entering payment Gateway in Web or

Mobile App.

2. Exposure to make an entry in a startup making aware in - a Shop act license, get registered for GST and launch your own business.

3. Exposure to E-Commerce, How to Launch business on E Commerce platforms of self developed or hosting on Amazon, Flip kart, Shop clues other famous E-Commerce App.

4. Awareness on Digital Media.

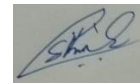5. Awareness of Cyber Security basics.

Prof. D. G. Chougule expressed a vote of thanks and the meeting was over.

A separate copy of Resolution is prepared.

Dr. S .D. Bhopale   **Dr. K. I. Patil**   **Prof. C.P. Shinde**
Member Secretary   **Academic Dean**   **Head & BoS Chairman**