

## 2. Discussion on First Year Autonomous Syllabus

Dr R S Geetha, VTU Nominee initiated the discussion regarding the scheme and syllabus required for the First Year Autonomous batch. Points covered were as follows:

### i. Introduction of First Year Autonomous scheme

1. Dr.Shivakumaraswamy R, introduced the first year Autonomous scheme to all the members as 10% of the VTU syllabus can be added or modified.

### ii. Introduction of first year subjects:

#### 1. Elements of Electrical Engineering BEEE103R/203R:

- i) Dr.R S Geetha suggested to remove the term electronics devices in CLO2 and it should be replace with electrical systems.
- ii) Mr. Pramesh K.V. suggested the practical implementation of KVL and KCL.
- iii) Dr.R S Geetha suggested to include the electricity bill instead of the synchronous generator /3-phase induction motor, as students learn with enthusiasm.
- iv) Mr.Pramesh K V suggested the selection of type of wire as experiment in the laboratory and including the BLDC motor concept.

#### 2. Introduction to Electrical Engineering (Common to other branches) (BESCK104RB):

- i) Dr.R S Geetha suggested to discuss the integrated part with request of other faculty.
- ii) Dr.Venkatesh Murthy suggested to

- introduce the simulation experiments in the Lab.
- To introduce the concept of EV and HEV

#### 3. Renewable Energy Sources(BETCK105RE):

- i) Dr.R S Geetha and Mr.Pramesh K V suggested to introduce the Biomass concept as per VTU.

#### 4. Fundamentals of sensor Technology (RRTCK105P)

All the experts suggested is good content, no changes in the course.



PKM EDUCATIONAL TRUST

# R R Institute of Technology

RAJA REDDY LAYOUT, NEAR CHIKKABANAVARA RAILWAY STATION, CHIKKABANAVARA, BENGALURU - 560090

**An Autonomous Institution under VTU**

Approved by AICTE, New Delhi & Government of Karnataka



DEAN ACADEMICS

### 3. Credit System and Evaluation Methodology

Dr. ShivaKumara Swamy R presented the proposed credit system under the autonomous syllabus. The following points were discussed and approved:

1. Credit system and Evaluation Methodology is same as per VTU regulations and agreed by all the members.

### 4. Recommendations for Teaching Pedagogy

1. Cut section visualization of machines.
2. Industrial visit to be made compulsory.
3. Simulation Experiment to be added for basic circuits

### 5. Any Other Matters

Nil.


### 6. Conclusion

Dr. Shivakumar Swamy R concluded the meeting by thanking all members for their valuable input. It was agreed that the approved syllabus would be implemented in this academic session.

The meeting was adjourned at 1.00 PM.

### Action Items:

1. Finalize and circulate the updated syllabus to all departments.
2. Prepare and distribute feedback surveys to students regarding the current syllabus.
3. Organize faculty development programs and workshops on new subjects.
4. Enhance laboratory facilities in line with the new syllabus.

  
HEAD OF ELECTRICAL & ELECTRONICS ENGINEERING  
R R Institute of Technology  
Hesaraghatta Main Road,  
Chikkabanavara, Bengaluru - 560090