

Syllabus - ECD 334 Mini Project(Draft)

3 messages


Dr. Anoop V <vanoop@gmail.com>
To: bosecktu@gmail.com, BOS_EC@googlegroups.com
Cc: shahulhameed@tkmce.ac.in

Fri, Mar 12, 2021 at 8:41 AM

Respected sir,

As per the discussions in the previous Bos meeting, I am attaching the syllabus of **ECD 334 Mini Project(Draft)** with this mail. Kindly request you to go through this and any modifications / corrections required please let me know. The split up for ESE is not included in the attached syllabus.

Regards

Dr. Anoop V | Associate Professor | Department of ECE a: Jyothi Engineering College | Jyothi Hills, Panjal Road, Vettikkattiri PO, Cheruthuruthy | Thrissur, Kerala -India 679531
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 **ECD 334 MINI PROJECT.docx**
18K

kala lalitha <kalalalitha97@gmail.com>
To: "Dr. Anoop V" <vanoop@gmail.com>

Fri, Mar 12, 2021 at 9:31 AM

I suggest the following points that may be taken into account/included.

1. CO_PO mapping table
2. Split up of ESE
3. A sample set of the Mini Projects, so as to get a basic idea about the contents and expected level.

Kala L
NSSCE, Pkd-8

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--
Kala L

V Vinod Kumar <vinod.gcek@gmail.com>
To: "Dr. Anoop V" <vanoop@gmail.com>, santhosh kumar <bosecktu@gmail.com>, Birenjith Sasidharan <birenjith@gmail.com>, shahulhameed@tkmce.ac.in

Fri, Mar 5, 2021 at 10:43 PM

Some suggestions for ECD 334 Mini Project

Objective


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At the end of the semester the working model has to be demonstrated

Team members can be maximum of 3 students

Evaluation committee- Senior faculty as the chairman and other two faculty members including project supervisor

The review can be three in a semester: at beginning one, at the middle of the semester after first series exam, at the end of the semester

The evaluation rubrics can be formed and can be the part of syllabus itself. Rubrics will be available in KTU website itself

Thanks Anoop

On Fri, Mar 12, 2021 at 9:41 AM Dr Anoop V kumar <anoopv@gmail.com> wrote

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Dr V VINOD KUMAR
Professor, ECE Dept
OCE KANNUR, KERALA
www.gocet.in
cell +919647002101


Dr. Anoop V. Kumar
Principal
Anand Engineering College
Changanassery - 690501

Syllabus ECT 436,456

2 messages

Fri, May 21, 2021 at 9:53 PM

Dr.Noop V <vanoop@gmail.com>
To: BOS_EC@googlegroups.com, bosecktu@gmail.com
Cc: shahulhameed@tkmce.ac.in

Respected sir.


Please find the attached syllabus of ECT 436 Adaptive Signal Processing and ECT 456 Speech and Audio Processing

Regards

Dr.Noop V

Associate Professor | Department of ECE
Jyothi Engineering College | Jyothi Hills, Panjal Road, Vettikkattiri [Po] Cheruthuruthy | Thrissur, Kerala -India 679531
e: vanoop@jecc.ac.in | w: www.jecc.ac.in | m: +91 9895837646

2 attachments


 **ECT 456 -Speech and Audio Processing.docx**
36K

 **ECT 436 -Adaptive Signal Processing.docx**
37K

Dr.Shahul Hameed T A <shahulhameed@tkmce.ac.in>
To: "Dr.Noop V" <vanoop@gmail.com>

Thank you very much sir
[Quoted text hidden]

Sun, May 23, 2021 at 11:58 AM


Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

**Minutes of Board of Studies (Electronics and Communication) held on
1-2-2022 through Google Meet (Time 11AM)**

Members present

- 1) Prof. Shahul Hameed (Chairman)
- 2) Prof. Sreelekha G
- 3) Prof. V. Vinodkumar
- 4) Prof. Kala L
- 5) Prof. Birenjith P S
- 6) Prof. Mini PR
- 7) Dr. Anoop V
- 8) Prof. Renu Jose
- 9) Prof. C V Anilkumar
- 10) Prof. Premson Y
- 11) Prof. Jayarenjini

The meeting discussed received draft syllabus of seventh and eighth semester courses in B.Tech (EC-2019 scheme). The following decisions are made.

1. ECL411 Electromagnetics Lab:: Accepted the syllabus.
2. ECT433 Optoelectronic Devices: Accepted the syllabus
3. ECT453 Error Control Codes: Accepted the syllabus.
4. ECT425 Biomedical Instrumentation: CO-PO mapping to be added, and simulation assignments are to be added. Prof. Shahul Hameed will do that. Other than that, syllabus is accepted.
5. ECT445 IoT and Applications (S7/OE) and ECT 458 Internet of Things: Decided to have the same syllabus for both. The syllabus is accepted.
6. ECT 455 Entertainment Electronics: Accepted the syllabus.
7. ECT 495 RF MEMS: Prof. Premson will modify COS and CO assessment questions, and model question to include more analytical questions.
8. ECT497 Design and Analysis of Antennas: At present 1st module, and part of 2nd module look quite similar to the contents from the syllabus of the core paper Microwave and Antennas. Prof. Jayarenjini will work to resolve this problem.
9. ECT499 Mutlirate Signal Processing and Wavelets: Accepted


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Ivothi Engineering College
Kuthuvilavu - 679531

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10. ECT401 Wireless Communication: Accepted the syllabus.
11. ECT 414 Biomedical Engineering: A few changes are done during the meeting. Syllabus is accepted.
12. ECT434 Secure Communcation: Accepted the syllabus.
13. ECT444 Pattern Recognition: Accepted the syllabus.
14. ECT 454 RF Circuit Design: Accepted the syllabus.
15. ECT 464 Mixed Signal Circuit Design: Accepted the syllabus.
16. ECT416 Modern Communication Systems: Syllabus is accepted.
17. ECT426 Real Time Operating Systems: Syllabus is accepted
18. ECT 436 Adaptive Signal Processing: Syllabus is accepted.
19. ECT428 Optimization techniques: Accepted the syllabus.

The meeting closed at 12.30pm.


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Minutes of 1st Meeting

Platform: Google Meet <https://meet.google.com/dwu-dmbp-hrz?hs=224>

Time: 2.30 PM

Date: 20/04/2022

Members Present

- 1 Dr. Sathian K.K -Chairman
- 2 Dr. Ajitha T -Convenor
- 3 Prof. Riyas K S
- 4 Prof. Christy James Jose
- 5 Dr. Jiss Paul
- 6 Prof. Aneesh G Nath
- 7 Dr. Sajeesh P
- 8 Dr. Biju K
- 9 Dr. Mathew Varkey
- 10 Prof. Imphthiyas M P
- 11 Dr. Biju C V
- 12 Prof. Harshan K G

Absent

- 1 Dr. Birenjith P S
- 2 Dr. K A Abubakar

Agenda of Meeting

- 1 Discussion and finalization of curriculum for B.Tech Agricultural Engineering
- 2 Planning for preparation of syllabus for courses in S3 and S4

Minutes of the Meeting

Meeting started at 2.30 PM, through the online platform google meet.

The meeting was presided over by Dr. Sathian K K, Chairman, BoS (Agricultural Engineering)

Convenor Dr. Ajitha T welcomed the Board of Studies members to the meeting. She briefed the agenda of the meeting before the committee.

Chairman first gave an introduction and overview on various subject domains in Agricultural Engineering and then invited the suggestions and recommendations from all the members on the draft curriculum and syllabus circulated among all members previously. The convenor has presented the draft curriculum and all the members actively participated in the discussion. All courses included in the curriculum were critically evaluated and changes/modifications were suggested by the committee for finalizing the curriculum.

The decisions/recommendations of the meeting are:



1. Finalization of curriculum

- a) Decided to retain all the common courses viz. MAT201 Partial Differential Equation and Complex Analysis, MAT202 Probability, Statistics and Numerical Methods, EST200 Design and Engineering, HUT200 Professional Ethics, MCN201 Sustainable Engineering and MCN202 Constitution of India as proposed in the draft curriculum.
- b) Decided to place the basic course **Fluid Mechanics and Hydraulic Machines** in 3rd semester (Slot B) against the course **Thermodynamics and Automotive Engines** as proposed in the draft curriculum. It was also decided to change the title and accordingly the content of the course **Thermodynamics and Automotive Engines**, originally proposed in 3rd semester as **Thermodynamics and Heat Engines** and to place it in 4th semester (Slot D).
- c) Since the topics theory of machines and machine design are essential to Agricultural Engineering to deal with mechanization, it is decided to include the course **Theory of Machines and Machine Design** as a core course in 6th semester (slot C) and to include the course Industrial Economics and Machines as an elective course in the same semester (Slot D) instead of the elective course Machine design.
- d) Decided to correct the title of the courses in slot A and S in 6th semester as **Post Harvest Engineering and Post Harvest Engineering Lab** respectively.
- e) Critically evaluated the courses included in all the 3 baskets of proposed minor courses in the draft curriculum and the committee recommended to include one basket of minor courses for now as shown in basket 3 of draft curriculum.
- f) Decision is also taken to include one group of honor courses. The committee entrusted the member Prof. Impthiyas M P to select a group of advanced courses useful to Agricultural Engineering professional which are not already included as elective courses and to report in next meeting.
- g) The committee suggested to incorporate all these changes/modifications in the curriculum and to present the modified one in the next meeting for discussion and approval.

2. Planning for preparation of syllabus for courses in S3 and S4

- a) Decided to retain the same syllabus for the common courses MAT201 Partial Differential Equation and Complex Analysis, MAT202 Probability, Statistics and Numerical Methods,



EST200 Design and Engineering, HUT200 Professional Ethics, MCN201 Sustainable Engineering and MCN202 Constitution of India as proposed in the draft syllabus.

b) To prepare syllabus for other courses in S3 and S4, the committee formulated the following subcommittees from among the BOS members to coordinate and prepare the syllabus for the courses with the support of other faculty members specialized in respective subject domains.


Sl.No.	Subcommittee members	Courses allotted
1	Dr. Sathian K K	AG203 Principles and Practices of Crop Production AGL201 Crop Husbandry Lab AGT202 Soil Science and Engineering
2	Dr. Ajitha T	AGT205 Surveying and Levelling AGL203 Surveying and Levelling Lab
3	Dr. Sajeesh P Dr. Biju C V Prof. Impthiyas M P Prof. Harshan K G	AGT201 Fluid Mechanics and Hydraulic Machines AG206 Thermodynamics and Heat Engines AGL202 Hydraulic Machines and Heat Engines Lab
4	Dr. Jiss Paul Prof. Christy James Jose Prof. Riyas K S Prof. Aneesh G Nath	AGT204 Introduction to Internet of Things (IoT) AGL204 Internet of Things (IoT) Lab

c) The respective subcommittees are entrusted to complete the preparation of syllabus for the courses allotted to them in the prescribed template by KTU and to present in next meeting for discussion and approval.

d) Decided to conduct the next BOS meeting on 3rd May 2022.

The meeting ended at 4.30 pm.

Chairman/Convener
BoS - Agricultural Engineering


Dr. JOSE P THERATTIL
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Cheruthuruthy - 679531



EST200 Design and Engineering, HUT200 Professional Ethics, MCN201 Sustainable Engineering and MCN202 Constitution of India as proposed in the draft syllabus.

b) To prepare syllabus for other courses in S3 and S4, the committee formulated the following subcommittees from among the BOS members to coordinate and prepare the syllabus for the courses with the support of other faculty members specialized in respective subject domains.

Sl.No.	Subcommittee members	Courses allotted
1	Dr. Sathian K K	AG203 Principles and Practices of Crop Production AGL201 Crop Husbandry Lab AGT202 Soil Science and Engineering
2	Dr. Ajitha T	AGT205 Surveying and Levelling AGL203 Surveying and Levelling Lab
3	Dr. Sajeesh P Dr. Biju C V Prof. Imphiyas M P Prof. Harshan K G	AGT201 Fluid Mechanics and Hydraulic Machines AG206 Thermodynamics and Heat Engines AGL202 Hydraulic Machines and Heat Engines Lab
4	Dr. Jiss Paul Prof. Christy James Jose Prof. Riyas K S Prof. Aneesh G Nath	AGT204 Introduction to Internet of Things (IoT) AGL204 Internet of Things (IoT) Lab

c) The respective subcommittees are entrusted to complete the preparation of syllabus for the courses allotted to them in the prescribed template by KTU and to present in next meeting for discussion and approval.

d) Decided to conduct the next BOS meeting on 3rd May 2022.

The meeting ended at 4.30 pm.

Chairman/Convenor
BoS - Agricultural Engineering


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Jyothi Engineering College
Cheruthuruthy - 679531



Minutes ofnd BoS (Agri Engg) Meeting

Platform: Google Meet <https://meet.google.com/xjw-ydju-vtv?hs=224>

Time: 2.00 PM

Date: 17/05/2022

Members Present

- 1 Dr. Sathian K.K -Chairman
- 2 Dr. Ajitha T -Convenor
- 3 Dr. Jiss Paul
- 4 Dr. K A Abubackar
- 5 Prof. Aneesh G Nath
- 6 Dr. Sajeesh P
- 7 Prof. Imphthiyas M P
- 8 Prof. Harshan K G

Absent

- 1 Prof. Christy James Jose
- 2 Dr. Birenjith P S
- 3 Dr. Biju K
- 4 Dr. Mathew Varkey
- 5 Dr. Biju C V
- 6 Prof. Riyas K S

Agenda of Meeting

- 1 Finalization of curriculum from semester 1 to 8 for B.Tech Agriculture Engineering
- 2 Finalization of syllabus prepared for courses in S3 and S4

Minutes of the Meeting

Meeting started at 2.00 PM, through the online platform google meet.

The meeting was presided over by Dr. Sathian K K, Chairman, BoS (Agricultural Engineering)

Convenor Dr. Ajitha T welcomed the Board of Studies members to the meeting. She briefed the minutes of the previous meeting and the agenda of the present meeting before the committee.

Chairman addressed the meeting, explained the progress in preparing the syllabus for various courses and the need for finalization of this before the deadline specified by KTU. The convenor first presented the final curriculum modified as per the decisions taken in previous meeting. This has been reviewed by the committee and recommended for approval. Then, the syllabus modified for all the courses in semester 3 and 4 including the syllabus prepared for



minor and honour courses were presented by the convenor. All these courses were critically evaluated by the committee. Few modifications were suggested by the committee in the syllabus of the minor and honour courses in semester 4. These modifications were incorporated in the respective courses and are recommended for approval by the committee.

The decisions/recommendations of the meeting are:

1. Finalization of the curriculum

a) Decided to approve the modified curriculum from semester I to VIII for B.Tech Agricultural Engineering.

2. Finalization of syllabus prepared for the courses in S3 and S4

a) The committee approved the modified syllabus of the courses AGT201 Fluid Mechanics and Hydraulic Machines, AGT 205 Surveying and Levelling and AGL203 Surveying and Levelling Lab and approved the syllabus for these courses.

b) Approved the syllabus prepared for course AGL202 Hydraulic Machines and Heat Engines Lab.

c) Necessary modifications suggested by the committee were incorporated in the syllabus for the minor courses AGT281 Post Harvest Engineering of Cereals, Pulses and Oil seeds and AGT282 Agricultural By-Product Utilization and honour course AGT292 CAD for Agricultural Engineering and approved the same.

d) Decided to send the finalized curriculum from semester I to VIII and syllabus for all the courses in semester 3 and 4 to KTU by 21st May 2022.

The meeting ended at 4.00 pm.

Chairman/Convenor
BoS - Agriculture Engineering


Dr. JOSE THERATTIL
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