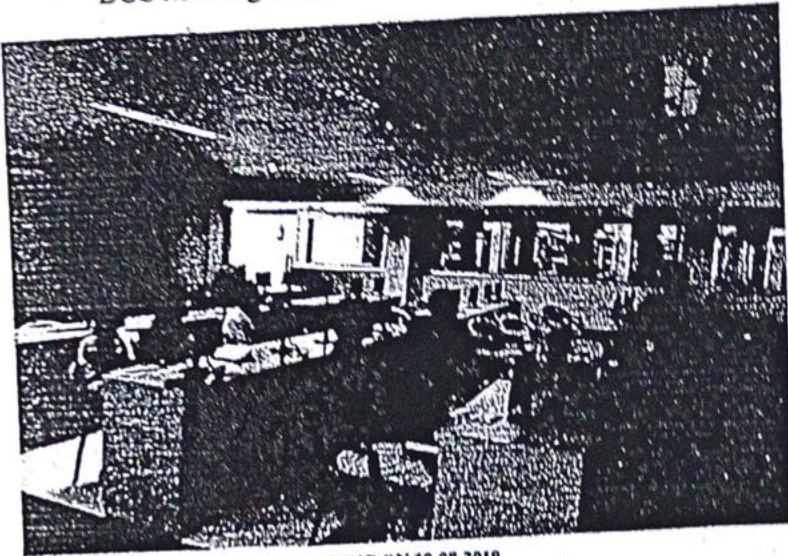


- The Panel proposed that the students should use AICTE, JNTUA referred books for references.

S.No.	Name of the Person	Designation	Position	Signature
01	Dr.N.Pushpalatha	Associate Professor &HOD	Chairman	<i>N. Pushpalatha</i>
02	Dr. N.C.Eswar Reddy	Professor	Member	<i>N. C. Eswar Reddy</i>
03	Dr. I. Suneetha	Professor	Member	<i>I. Suneetha</i>
04	Mr.P.Harish	Assistant Professor	Member	<i>P. Harish</i>
05	Ms.M.Dharani	Assistant Professor	Member	<i>M. Dharani</i>
06	Dr.K.P.Naveen	Assistant Professor IIT, Tirupati.	University nominated Subject Expert	<i>K. P. Naveen</i>
07	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University nominated Subject Expert	<i>B. Anuradha</i>
08	Dr. P.Satyanarayana	Professor	Academic Council nominee	- Absent -
09	Mr.P.Jeevaiah	Sub. Divisional Engineer (QA), BSNL, Tirupati.	Industry Representative	<i>P. Jeevaiah</i>
10	Mr. M.Jagannadha Rao	Module Lead, Mindtree Ltd. Bangalore.	P.G Alumni	- Absent -

BOS Meeting Photo



BOS-ECE MEETING ON 10-08-2019

N. Pushpalatha
Dr.N.Pushpalatha
CHAIRMAN BOS-ECE

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: TIRUPATI
(AUTONOMOUS)**

Minutes of the meeting of UG & PG BOS-ECE

Meeting of BOS(UG&PG) of Electronics and Communication Engineering
Through Online Platform Microsoft Teams dated 06-07-2022 at 3.00PM

AGENDA OF THE MEETING

- Welcome to the distinguished members of the Board of Studies for meeting by the Chairman, BOS – ECE.
- To Approve the B.Tech IV-I and IV-II Syllabi for AK19 Regulation.
- To Approve the B.Tech III-V and III-VI Syllabi for AK20 Regulation.
- To Approve the guidelines for two MOOCS courses to be undertaken mandatorily by 4-2 students of AK19 Regulations and Sixth semester B. Tech students of AK20 Regulations.
- To Review and approve existing AK19 Course structure and syllabus of M.Tech – Digital Electronics and Communication Systems for continuance.
- To approve the list of courses offered by the Department that is to be undertaken for earning Honors and Minor Degree.
- Any other suggestions / advice to the department.
- Vote of thanks.

Members of BOS-ECE

S.No	Name of the Person	Designation	Position
1	Dr.N.Pushpalatha	Professor &HOD	Chairman
2	Dr.I.Suneetha	Professor	Member
3	Dr.P.Harish	Associate Professor	Member
4	Dr.R.Kalyan	Associate Professor	Member
5	Ms.K.S.Deveswari	Assistant Professor	Member
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert
7	Dr.B.Anuradha	Professor,SVUCE, SV University, Tirupati	University Nominated Subject Expert
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee

Dr. N. Pushpalatha

HEAD

Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

Dr. N. Pushpalatha

HEAD

Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

9	Mr.P.Jeevaiah	Sub.Divisional Engineer(QA), BSNL, Tirupati	Industry Representative
10	Mr.M.Jagannadhu Rao	SIEMENS Healthineers Pvt.Ltd, Banglore	P.G.Alumni

Members attended:

Annamacharya Institute of Technology and Sciences :: Tirupati			
Department of Electronics and Communication Engineering			
Conducted through online platform Microsoft Teams on 25-09-2021 at 3:00PM			
Attendee List			
S.No	Name	Email Address	Join & Leave Times
1	Dr.N.Pushpalatha, HOD-ECE,AITS,TPT	pushpalatha825@gmail.com	3:00PM & 5:00 PM
2	Dr. Irala Suneetha, Professor of ECE	iralasuneetha.aits@gmail.com	3:00PM & 5:00 PM
3	Dr.P Harish Associate Professor, ECE	harishpasupulati@gmail.com	3:00PM & 5:00 PM
4	Dr. R. Kalyan, Associate Professor, ECE	r.kalyanreddy@gmail.com	3:00PM & 5:00 PM
5	Ms.K.S.Deveswari, Assistant Professor, ECE	karthekdevi@gmail.com	3:00PM & 5:00 PM
6	Prof B Anuradha	anubhuma@yahoo.com	3:00PM & 5:00 PM
7	Mr.P Jeevaiah Sub Divisional Engineer BSNL	jeevaiahp@gmail.com	ABSENT
8	Prof.P Satyanarayana	satyamp1@yahoo.com	3:00PM & 5:00 PM
9	Dr.Naveen K P	naveenkp@iittp.ac.in	3:00PM & 5:00 PM
10	Mr.Y Penchalaiah	penchu.yadla@gmail.com	3:00PM & 5:00 PM
11	Mr.Jagannadha Rao	Jagannadh990@gmail.com	3:00PM & 5:00 PM

MINUTES OF BOARD OF STUDIES MEETING

- The Meeting of BOS (UG&PG) was conducted Through Online Platform Microsoft Teams dated 06-07-2022 at 3.00PM. The chairman, BOS-ECE, extended a warm welcome to the External members and Internal members of BOS-ECE.
- Chairman, BOS-ECE Dr.N.Pushpalatha, briefed the committee about the agenda of the meeting.

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

- Syllabus of Fourth year for 2019-20 admitted B.Tech batch with applicable AK19 regulations has been approved.
- Syllabus of Third year for 2020-21 admitted B.Tech batch with applicable AK20 regulations has been approved.
- After thorough discussions, the following guidelines were laid down for undertaking two MOOCs courses at 4-2 semester, B. Tech, AK19 Regulations students and Sixth semester of AK20 regulations students.
 - Two MOOC courses are introduced in AK19 curriculum of IV B. Tech II Semester (4-2 Semester) and in respect of AK20 B. Tech curriculum, one MOOC course are introduced. Students should compulsorily submit a pass certificate generated by NPTEL for verification and for award of credits. As understood, Certificate by NPTEL will be issued only when a registered students submit assignments regularly as per schedule given and get a minimum of 10 out of 25 marks; and obtain a minimum of 30 marks out of 75 marks in the end examination. (Both criteria must be met to be declared pass by NPTEL).
 - Out of two MOOC courses introduced, one MOOC shall be of Professional Elective (PE) and another shall be Open Elective (OE) category. Head of the department will announce options available on the NPTEL platform.
 - Students must select courses that have 3 credit weightages only, so as to fit into the existing credit scheme. Courses with minimum 8 weeks learning duration only shall be chosen for MOOC courses.
 - Marks or percentage obtained will be converted to grade points and will be reflected in the grade sheet (Marks Memo) pertaining to the respective semester.
 - Swayam NPTEL Courses will be notified on the platform before 1st November for January semester; and will be notified before 1st June for July semester. Accordingly, HOD shall issue notification/circular to the teachers connected and to the concerned students.

N. Pushpalakshmi

HEAD

Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

N. Pushpalakshmi

HEAD

Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

- In case if the student falls/ absent for the MOOC courses in the regular examination he/she will be allowed to register for next supplementary examination in manual mode at the Institute as he may not be able to avail courses through MOOC platform within the stipulated time to clear the pending course during the next season.
- The pattern of examination for manual mode in supplementary will be same as that of NPTEL question paper.
- Examination fee paid for the 8th semester to the exam branch of the college is only for project work, internships and seminars. The exam fee payable for taking NPTEL online courses shall be borne by the students itself. Separate registration fee will be applicable for supplementary appearance of MOOC, in manual mode.
- Teachers connected to the student group for guidance of MOOC shall also register for the course, go through the e-content in it to provide proper guidance to the students and also to get his 'Mentor Certificate'.
- Registration facility - extension of dates if any shall be continuously monitored by the HOD & students.
- Syllabus of M.Tech DECS for 2019-20 admitted M.Tech batch with applicable AK19 regulations has been reviewed and approved for continuance.
- Advanced Courses for B.Tech Degree with Honors in Electronics and Communication Engineering were approved.

HONOURS IN ELECTRONICS AND COMMUNICATION ENGINEERING

S.NO	SUB.CODE	COURSE NAME	L	T	P	CREDITS
1	20AHN0401	Automotive Electronics	3	1	0	4
2	20AHN0402	Detection and Estimation of Signals	3	1	0	4
3	20AHN0403	Pattern Recognition	3	1	0	4
4	20AHN0404	Micro Electromechanical Systems	3	1	0	4
5	20AHN0405	VLSI Testing and Testability				20
		TOTAL				

N. Rishpalath
H.E.

N. Rishpalath

HEAD

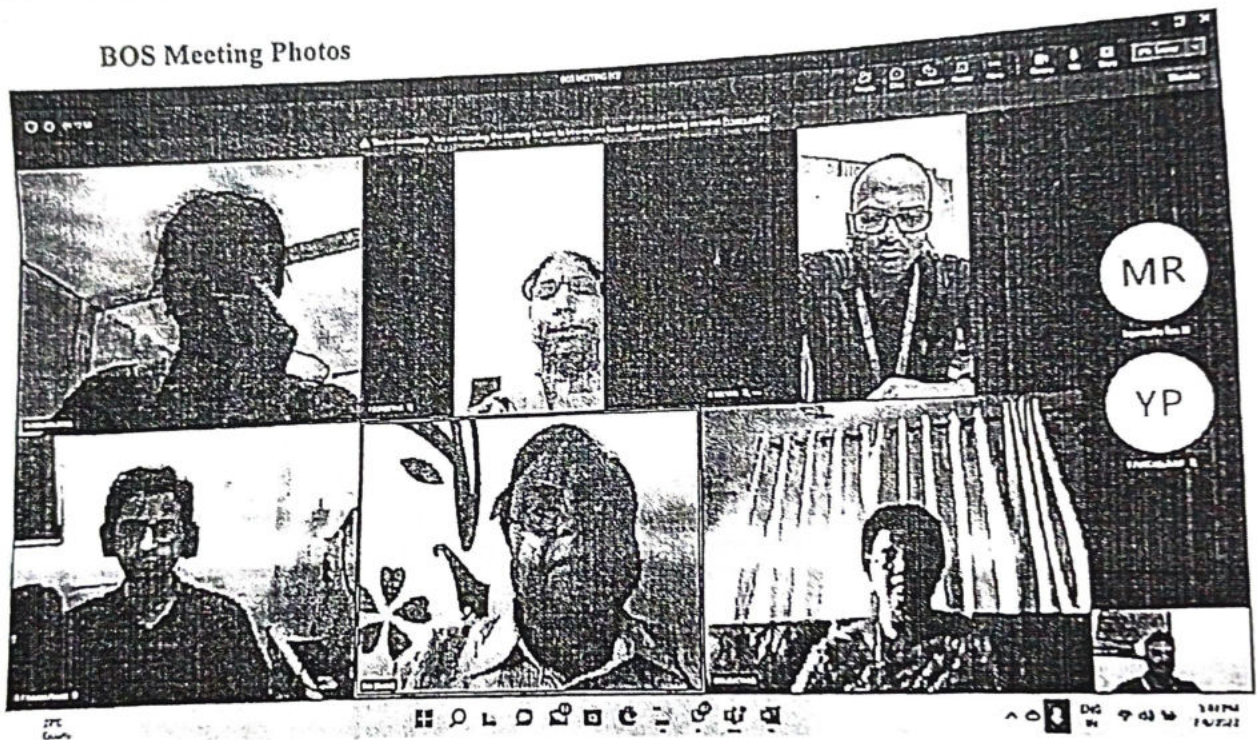
Dept. of Electronics & Communication Engg.
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520
Department of Electronics & Communication Engg.
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

✓ Courses for Minor degree in B.Tech Electronics and Communication Engineering were approved.

**MINOR DEGREE IN ELECTRONICS AND COMMUNICATION
ENGINEERING**

S.NO	SUB.CODE	COURSE NAME	L	T	P	CREDITS
1	20AMN0401	Signals and Systems	2	1	0	3
2	20AMN0402	Electronics Devices and Circuits	2	1	0	3
3	20AMN0403	Digital Electronics and Logic Design	2	1	0	3
4	20AMN0404	Digital Communications	3	0	0	3
5	20AMN0405	Digital Signal Processing	2	1	0	3
6	20AMN0406	Minor discipline project	-	-	-	5
TOTAL						20

BOS Meeting Photos



Snapshots of UG & PG BOS-ECE Virtual meeting held on 06-07-2022 at 3PM.

N. Pushpalatha
HEAD
 Dept. of Electronics & Communication Engg
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
 Dept. of Electronics & Communication Engg
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

BOS Meeting Link

<https://teams.microsoft.com/l/join/19%3a5v0IA7-x8jysn2o8Om0SMRTS5004T0vROKQr3RxDXc41%40hread.lacv2/1657082214474?context=%7b%22Id%22%3a%22e2dfc295-b05c-42db-a3ca-d78101e4557d%22%2c%22Id%22%3a%229fe2483b-351f-4c95-9d2d-ale51142e34c%22%7d>

BOS Meeting Link and BOS Members Participated in BOS-ECE Meeting through Online Platform
Microsoft Teams on 06-07-2022 at 3:00PM

S.No	Name of the Person	Designation	Position	Signature
1	Dr.N.Pushpalatha	Professor &HOD	Chairman	N. Pushpalatha
2	Dr.I.Suneetha	Professor	Member	[Signature]
3	Dr.P.Harish	Associate Professor	Member	[Signature]
4	Dr.R.Kalyan	Associate Professor	Member	[Signature]
5	Ms.K.S.Deveswari	Assistant Professor	Member	[Signature]
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert	Connected Through online
7	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University Nominated Subject Expert	Connected Through online
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee	Connected Through online
9	Mr.P.Jeevaiah	Sub.Divisional Engineer (QA),BSNL,Tirupati	Industry Representative	ABSENT
10	Mr.M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd,Banglore	P.G.Alumni	Connected Through online

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: TIRUPATI
(AUTONOMOUS)

Meeting of BOS(UG&PG) of Electronics and Communication Engineering
Through Online Platform Microsoft Teams dated 25-09-2021 at 3.00PM

AGENDA OF THE MEETING

- To approve the third, Fourth Year Course Structures and Syllabus of third year for 2019-20 admitted B.Tech batch with applicable AK19 regulations.
- To approve the Second Year Course Structure and Syllabus for AK20 regulations, for 2020-21 admitted B.Tech batch.
- To review Institute Vision, Mission, Department Vision, Mission , PEOs and PSOs.
- Any other suggestions/advice to the department
- Vote of thanks

Members of BOS-ECE

S.No	Name of the Person	Designation	Position
1	Dr.N.Pushpalatha	Associate Professor &HOD	Chairman
2	Dr.I.Suneetha	Professor	Member
3	Mr.P.Harish	Assistant Professor	Member
4	Dr.M.Dharani	Assistant Professor	Member
5	Dr.R.Kalyan	Assistant Professor	Member
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert
7	Dr.B.Anuradha	Professor,SVUCE, SV University, Tirupati	University Nominated Subject Expert
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee
9	Mr.P.Jeevaiah	Sub.Divisional Engineer(QA), BSNL, Tirupati	Industry Representative
10	Mr.M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd, Banglore	P.G.Alumni

N. Pushpalatha

HEAD

Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

Members attended:

Annamacharya Institute of Technology and Sciences :: Tirupati			
Department of Electronics and Communication Engineering			
Conducted through online platform Microsoft Teams on 25-09-2021 at 3:00PM			
Attendee List			
S.No	Name	Email Address	Join & Leave Times
1	Dr.N.Pushpalatha, HOD-ECE,AITS,TPT	pushpalatha825@gmail.com	2:50 PM - 4:37 PM
2	Dr. Irala Suneetha, Professor of ECE	iralasuneetha.aits@gmail.com	2:52 PM - 4:38 PM
3	Mr.P Harish Assistant Professor, ECE	harishpasupulati@gmail.com	2:55 PM - 4:38 PM
4	Dr. R. Kalyan, Assistant Professor, ECE	aitsecelectures@gmail.com	2:55 PM - 4:36 PM
5	Dr.M Dharani, Assistant Professor, ECE	dharani405@gmail.com	2:58 PM - 4:33 PM
6	Prof B Anuradha	anubhuma@yahoo.com	3:00 PM - 4:35 PM
7	Mr.P Jeevaiah Sub Divisional Engineer BSNL	jeevaiahp@gmail.com	3:02 PM - 4:35 PM
8	Prof.P Satyanarayana	satyamp1@yahoo.com	3:02 PM - 4:35 PM
9	Dr.Naveen K P	naveenkp@iittp.ac.in	3:05 PM - 4:37 PM
10	Mr.B Purushotham		
11	Mr.Jagannadha Rao	jagsnnadh990@gmail.com	ABSENT

MINUTES OF BOARD OF STUDIES MEETING

- The Meeting of BOS(UG&PG) was conducted Through Online Platform Microsoft Teams dated 25-09-2021 at 3.00PM. The chairman, BOS-ECE, extended a warm welcome to Prof.P. Satyanarayana, Academic Council Nominee, Dr.K.P.Naveen, IIT Tirupati, Dr.B.Anuradha,SVUCE,SVUniversity, Tirupati, Mr.P.Jeevaiah, Industry Representative, and Internal members of BOS.
- Chairman, BOS-ECE Dr.N.Pushpalatha, briefed the committee about the agenda of the meeting.
- Based on second year course structure followed in 2020-21 with applicable AK19 regulations, certain modifications in Third, Fourth year of course structure of B.Tech (UG-ECE) are discussed and has been approved.

N. Pushpalatha
NEED
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 600

- The Second Year Course Structure and Syllabus for AK20 regulations, for 2020-21 admitted B.Tech batch has been approved.
- Assumed tentative Course structures for the rest of 3rd and 4th year of B.Tech (UG-ECE) Syllabus for AK20 regulations, for 2020-21 admitted B.Tech batch has been approved.
- The Institute Vision, Mission, Department Vision, Mission, PEOs and PSOs has been reviewed in the meeting.

BOS Meeting Photos

BOS Meeting Link

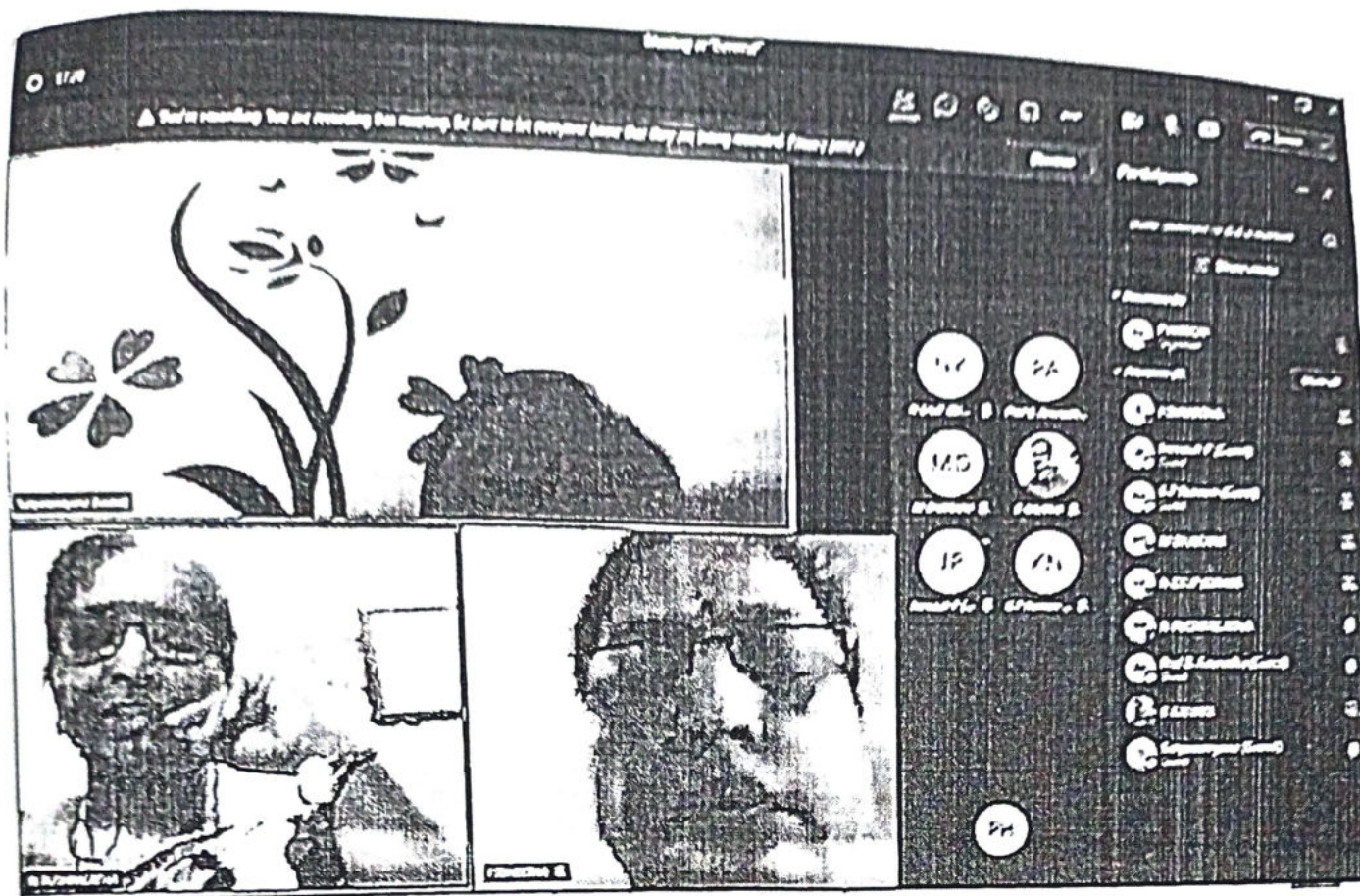
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N. Rishupalath

HEAD

Dept. of Electronics & Communication Engg
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520



Scanned with OKEN Scanner

Control and the Chirp-z transform algorithm (partitioning into is the computation of DFT)





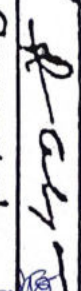
ENI-III
 General considerations - Causality and its implications. Characteristics of practical frequency selective filters. Design of finite impulse response (FIR) filters - Symmetric and antisymmetric FIR filters. Design of linear phase FIR filters using windows. Design of linear phase FIR filters by the frequency sampling method. Design of equiripple equiripple linear phase FIR filters. Comparison of design methods for linear phase FIR filters. Design of impulse invariant response (IIR) filters from analog filters - IIR filter design by approximation of derivatives by impulse invariance and by bilinear transformation methods. Characteristics of commonly used scaling filters. Design examples of both FIR and IIR filters. Frequency transformation in the analog and digital domains. Illustrative problems.

ENI-IV
 Introduction to the realization of discrete time systems. Structures for FIR systems - Direct form, Cascade form. Frequency sampling and lattice structures for FIR systems. Lattice form. Signal flow graphs & Transposed Cascade form. Parallel form and Lattice structures for IIR systems. Direct form, Lattice - Ladder structure.

ENI-V
 Introduction. Decimation and interpolation. Sampling rate conversion by a rational factor. Implementation of sampling rate conversion. Multistage implementation of sampling rate conversion. Sampling rate conversion of band pass signals. Sampling rate conversion by arbitrary factor. Applications of multirate signal processing.

PH

N. Pushpalatha
 HEAD
 Dept. of Electronics & Communication Engg
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

S.No	Name of the Person	Designation	Position	Signature
1	Dr.N.Pushpalatha	Associate Professor & HOD	Chairman	
2	Dr.L.Suneetha	Professor	Member	
3	Mr.P.Harish	Assistant Professor	Member	
4	Ms.M.Dharmi	Assistant Professor	Member	
5	Mr.R.Kalyan	Assistant Professor	Member	
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert	Connected Through online
7	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University Nominated Subject Expert	Connected Through online
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee	Connected Through online
9	Mr.P.Jeevaiah	Sub.Divisional Engineer (QA), BSNL, Tirupati	Industry Representative	Connected Through online
	..M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd, Bangalore	P.G.Alumni	ABSENT

NEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 529

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI
(AUTONOMOUS)

Course structure for Four Year Regular B.Tech. Degree Program
ELECTRONICS and COMMUNICATION ENGINEERING (ECE)
(Effective for the batches admitted in 2020-21)

Meeting of BOS(UG&PG) of Electronics and Communication Engineering
Through Online Platform GoToMeeting dated 12-11-2020 at 3.30PM

AGENDA OF THE MEETING

- To Welcome the Distinguished members of the Board of Studies for the BOS meeting by the chairman, BOS-ECE
- To Approve the Course Structure and syllabus for I Year courses of B.Tech (UG-ECE) and Tentative Course structure of II, III and IV year Courses of B.Tech (UG-ECE) for 2020-21.
- To review Institute Vision, Mission, Department Vision, Mission, PEOs and PSOs.
- Any other suggestions/advice to the department
- Vote of thanks

RESOLUTION OF THE MEETING

- The Meeting of BOS (UG-ECE) was conducted Through Online Platform GoToMeeting dated 12-11-2020 at 3.30PM. The chairman, BOS-ECE, extended a warm welcome to Prof.P. Satyanarayana, Academic Council Nominee, University Nominated Subject Experts Dr.K.P.Naveen, IIT Tirupati and Dr.B.Anuradha, SVUCE, SVUniversity, Tirupati, Mr.P.Jeevaiah, Industrial Representative, Mr.M.Jagannadha Rao, P.G.Alumni and members of BOS.
- Chairman, BOS-ECE Dr.N.Pushpalatha, briefed the committee about the agenda of the meeting.
- I year course structure of B.Tech (UG-ECE) followed in 2020-21, are discussed and has been approved.
- Tentative Course structures for the rest of II, III and IV year of B.Tech (UG-ECE) have been approved.
- The Institute Vision, Mission, Department Vision, Mission, PEOs and PSOs has been reviewed in the meeting.

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

Members of BOS-ECE

S.No	Name of the Person	Designation	Position
1	Dr.N.Pushpalatha	Associate Professor & HOD	Chairman
2	Dr.I.Suneetha	Professor	Member
3	Mr.P.Harish	Assistant Professor	Member
4	Ms.M.Dharani	Assistant Professor	Member
5	Mr.R.Kalyan	Assistant Professor	University Nominated Subject Expert
6	Dr.K.P.Naveen	IIT Tirupati	University Nominated Subject Expert
7	Dr.B.Anuradha	Professor,SVUCE, SV University, Tirupati	Academic Council Nominee
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVY, Tirupati	Industry Representative
9	Mr.P.Jeevaiah	Sub.Divisional Engineer(QA), BSNL,Tirupati	P.G.Alumni
10	Mr.M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd, Bangalore	

Members attended:

S.No	Role in BOS	Name	Signature
1	Chairman	Dr.N.Pushpalatha	<i>N.Pushpalatha</i>
2	Senior Faculty Members	Dr.I.Suneetha	<i>I.Suneetha</i>
3		Mr.P.Harish	<i>P.Harish</i>
4		Ms.M.Dharani	<i>M.Dharani</i>
5		Mr.R.Kalyan	<i>R.Kalyan</i>
6		External Subject Experts	Dr.K.P.Naveen
7	Dr.B.Anuradha		Connected Through Or
8	External Academic Expert	Dr.P.Satyanarayana	Connected Through O
9	Industry Representative	Mr.P.Jeevaiah	Connected Through C
10	P.G.Alumni	Mr.M.Jagannadha Rao	Connected Through C

N.Pushpalatha
HEAD
Department of Electronics & Communication Engg
Annaiah Institute of
Technology & Sciences, TIRUPATI 517 580

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: TIRUPATI
(AUTONOMOUS)

FIRST: Minutes of the meeting of BOS

DATE: 10-08-2019

AGENDA OF THE MEETING

- Welcoming the distinguished members of the Board of Studies for the BOS meeting by the Chairman, BOS – ECE.
- Review / Suggestions of the academic regulations for the B. Tech Programme.
- Review / Suggestions of the course structure of B.Tech Programme.
- Review / Suggestions of the academic regulations for the M. Tech-DECS Programme.
- Review / Suggestions of the course structure of M.Tech-DECS Programme.
- Review / Approval of the detailed B.Tech Syllabi for two years:
- Review / Approval of the detailed M.Tech-DECS Syllabi for two years:
- Any other suggestions / advice to the department.
- Vote of thanks.

Members of BOS – ECE

S.No.	Name of the Person	Designation	Position
01	Dr.N.Pushpalatha	Associate Professor &HOD	Chairman
02	Dr. N.C.Eswar Reddy	Professor	Member
03	Dr. I. Suneetha	Professor	Member
04	Mr.P.Harish	Assistant Professor	Member
05	Ms.M.Dharani	Assistant Professor	Member
06	Dr.K.P.Naveen	Assistant Professor IIT, Tirupati.	University nominated Subject Expert
07	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University nominated Subject Expert
08	Dr. P.Satyanarayana	Professor	Academic Council nominee
09	Mr.P.Jeevaiah	Sub. Divisional Engineer (QA), BSNL, Tirupati.	Industry Representative
10	Mr. M.Jagannadha Rao	Module Lead, Mindtree Ltd. Bangalore.	P.G Alumni

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

MINUTES OF BOARD OF STUDIES MEETING

- The meeting was conducted in the Board room AITS on 10th August 2019 at 11.30 A.M. The Principal and the Chairman, BOS-ECE, extended a warm welcome to Dr.K.P.Naveen, IIT, Tirupati, Dr.B.Anuradha, SVUCE, and SV Univeristy, Tirupati, Mr.P.Jeevaiah, Industrial Representative, and members of BOS.
- Chairman, BOS- ECE, Dr. N.Pushpalatha, briefed the committee about the agenda of the meeting.
- The BOS officially approved the UG (B.Tech) academic regulations and course structures of AK19, related to the following subjects for the academic year 2019-20.
 - Electronics and Communication Engineering Workshop
 - Electronic Devices and Circuits
 - Electromagnetic Theory and Transmission lines
 - Signals and Systems
 - Analog Electronic Circuits
 - Digital Electronic Circuits
 - Basics of Electrical and Electronics Engineering-I
 - Basics of Electrical and Electronics Engineering-II
 - Electronic Devices and Circuits Lab
 - Signals and Systems Lab
 - Analog Electronic Circuits Lab
 - Analog and Digital Electronic Circuits Lab
 - Basics of Electrical and Electronics Engineering-I Lab
 - Basics of Electrical and Electronics Engineering-II Lab
- The BOS officially approved the PG (M.Tech-DECS) academic regulations and course structures of AK19, related to the following subjects for the academic year 2019-20.
 - Digital Communication Techniques
 - Advanced Digital Signal Processing
 - Advanced Computer Architecture
 - Low Power VLSI Design
 - Audio Video Coding and Compression
 - Transform Techniques
 - Data Networks
 - Error Control Coding
 - Pattern Recognition
 - Detection and Estimation of signals
 - Wireless Communication and Networks
 - Microcontrollers and Programmable Digital Signal Processors
 - Sensors and Actuators
 - Speech Processing
 - Network Security and Cryptography
 - Optical Communication Technology
 - Remote Sensing
 - High Performance Networks
 - MIMO Systems
 - Digital Communication Techniques Lab
 - Advanced Digital Signal Processing Lab
 - Pattern Recognition Lab
 - Detection and Estimation of signals Lab
- The committee suggested that the students should be acquainted with MOOCs/

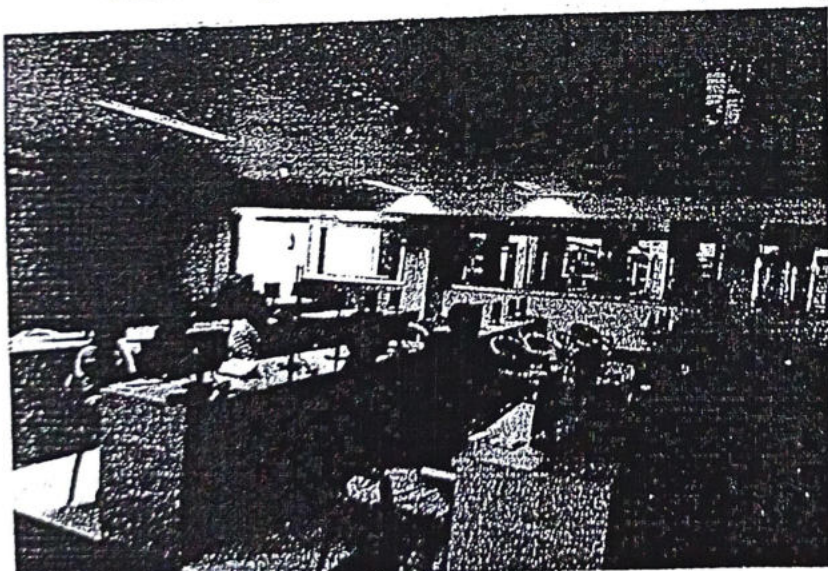
N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

- The Panel proposed that the students should use AICTE, JNTUA referred books for references.

S.No.	Name of the Person	Designation	Position	Signature
01	Dr.N.Pushpalatha	Associate Professor &HOD	Chairman	<i>N. Pushpalatha</i>
02	Dr. N.C.Eswar Reddy	Professor	Member	<i>N. C. Eswar</i>
03	Dr. I. Suneetha	Professor	Member	<i>I. Suneetha</i>
04	Mr.P.Harish	Assistant Professor	Member	<i>P. Harish</i>
05	Ms.M.Dharani	Assistant Professor	Member	<i>M. Dharani</i>
06	Dr.K.P.Naveen	Assistant Professor IIT, Tirupati.	University nominated Subject Expert	<i>K. P. Naveen</i>
07	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University nominated Subject Expert	<i>B. Anuradha</i>
08	Dr. P.Satyanarayana	Professor	Academic Council nominee	- Absent -
09	Mr.P.Jeevaiah	Sub. Divisional Engineer (QA), BSNL, Tirupati.	Industry Representative	<i>P. Jeevaiah</i>
10	Mr. M.Jagannadha Rao	Module Lead, Mindtree Ltd. Bangalore.	P.G Alumni	- Absent -

BOS Meeting Photo



BOS-ECE MEETING ON 10-08-2019

N. Pushpalatha
Dr.N.Pushpalatha
CHAIRMAN BOS-ECE

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

ANAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: TIRUPATI
(AUTONOMOUS)

Minutes of the meeting of PG & PG BOS-ECE

Meeting of PG(BA)UG&PG of Electronics and Communication Engineering
Through Online Platform Microsoft Teams dated 06-07-2022 at 3.00PM

AGENDA OF THE MEETING

- Welcome to the distinguished members of the Board of Studies for meeting by the Chairman, BOS - ECE.
- To Approve the B.Tech IV-I and IV-II Syllabi for AK19 Regulation.
- To Approve the B.Tech III-V and III-VI Syllabi for AK20 Regulation.
- To Approve the guidelines for two MOOCs courses to be undertaken mandatorily by 4-2 students of AK19 Regulations and Sixth semester B. Tech students of AK20 Regulations.
- To Review and approve existing AK19 Course structure and syllabus of M.Tech - Digital Electronics and Communication Systems for continuance.
- To approve the list of courses offered by the Department that is to be undertaken for earning Honors and Minor Degree.
- Any other suggestions / advice to the department.
- Vote of thanks.

Members of BOS-ECE

S.No	Name of the Person	Designation	Position
1	Dr.N.Pushpalatha	Professor & HOD	Chairman
2	Dr.J.Sameetha	Professor	Member
3	Dr.P.Harish	Associate Professor	Member
4	Dr.R.Kalyan	Associate Professor	Member
5	Mrs.K.S.Deveswari	Assistant Professor	Member
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert
7	Dr.B.Anuradha	Professor,SVUCE, SV University, Tirupati	University Nominated Subject Expert
8	Dr.P.Satyamarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee

N. Pushpalatha

HEAD

Dept. of Electronics & Communication Engg
Anamacharya Institute of
Technology & Sciences, TIRUPATI-517 536

N. Pushpalatha

HEAD

Dept. of Electronics & Communication
Anamacharya Institute of
Technology & Sciences, TIRUPATI-517 536

9	Mr. P. Jeevaiah	Sub-Divisional Engineer (Elect.) BSNL, Tirupur	Industry Representative P. C. Anand
10	Mr. M. Jagannadha Rao	SRI ANANDS Healthiness Pvt. Ltd, Bangalore	

Members attended:

Annamacharya Institute of Technology and Sciences - Tirupur			
Department of Electronics and Communication Engineering			
Conducted through online platform Microsoft Teams on 06-07-2022 at 3:00PM			
Attendees List			
S.No	Name	Email Address	Join & Leave Times
1	Dr.N.Pushpalatha, HOD-ECE,AITS,TPT	pushpalathak25@gmail.com	3:00PM & 5:00 PM
2	Dr. Irala Suneetha, Professor of ECE	iralasuneetha.aits@gmail.com	3:00PM & 5:00 PM
3	Dr.P Harish Associate Professor, ECE	harishgopulati@gmail.com	3:00PM & 5:00 PM
4	Dr. R. Kalyan, Associate Professor, ECE	r.kalyanrshy@gmail.com	3:00PM & 5:00 PM
5	Ms.K.S.Deveswari, Assistant Professor, ECE	karthekdevi@gmail.com	3:00PM & 5:00 PM
6	Prof B Anuradha	anubhuma@yahoo.com	ABSENT
7	Mr.P Jeevaiah Sub Divisional Engineer BSNL	jeevaiahp@gmail.com	3:00PM & 5:00 PM
8	Prof.P Satyanarayana	satyamp1@yahoo.com	3:00PM & 5:00 PM
9	Dr.Naveen K P	naveenkp@nitp.ac.in	3:00PM & 5:00 PM
10	Mr.Y Penchalaiah	penchu.yadla@gmail.com	3:00PM & 5:00 PM
11	Mr.Jagannadha Rao	Jagannadh990@gmail.com	3:00PM & 5:00 PM

MINUTES OF BOARD OF STUDIES MEETING

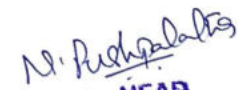
- The Meeting of BOS (UG&PG) was conducted Through Online Platform Microsoft Teams dated 06-07-2022 at 3.00PM. The chairman, BOS-ECE, extended a warm welcome to the External members and Internal members of BOS-ECE.
- Chairman, BOS-ECE Dr.N.Pushpalatha, briefed the committee about the agenda of the meeting.

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, Tirupur-617 570

N. Pushpalatha
HEAD
Dept. of Electronics & Communication
Annamacharya Institute of
Technology & Sciences, Tirupur-617 570

- Syllabus of Fourth year for 2019-20 admitted B.Tech batch with applicable AK19 regulations has been approved.
- Syllabus of Third year for 2020-21 admitted B.Tech batch with applicable AK20 regulations has been approved.
- After thorough discussions, the following guidelines were laid down for undertaking two MOOCs courses at 4-2 semester, B. Tech, AK19 Regulations students and Sixth semester of AK20 regulations students.
 - Two MOOC courses are introduced in AK19 curriculum of IV B. Tech II Semester (4-2 Semester) and in respect of AK20 B. Tech curriculum, one MOOC in Sixth semester of Third year & another MOOC in Seventh semester of B. Tech course are introduced. Students should compulsorily submit a pass certificate generated by NPTEL for verification and for award of credits. As understood, Certificate by NPTEL will be issued only when a registered students submit assignments regularly as per schedule given and get a minimum of 10 out of 25 marks; and obtain a minimum of 30 marks out of 75 marks in the end examination. (Both criteria must be met to be declared pass by NPTEL).
 - Out of two MOOC courses introduced, one MOOC shall be of Professional Elective (PE) and another shall be Open Elective (OE) category. Head of the department will announce options available on the NPTEL platform.
 - Students must select courses that have 3 credit weightages only, so as to fit into the existing credit scheme. Courses with minimum 8 weeks learning duration only shall be chosen for MOOC courses.
 - Marks or percentage obtained will be converted to grade points and will be reflected in the grade sheet (Marks Memo) pertaining to the respective semester.
 - Swayam NPTEL Courses will be notified on the platform before 1st November for January semester; and will be notified before 1st June for July semester. Accordingly, HOD shall issue notification/circular to the teachers connected and to the concerned students.


HEAD
 Dept. of Electronics & Communication Engg
 Annamacharya Institute of Technology & Sciences
 Puta of
 517 799


HEAD
 Dept. of Electronics & Communication Engg
 Annamacharya Institute of Technology & Sciences, Puta of
 517 799

- In case if the student fails/ absent for the MOOC courses in the regular examination he/she will be allowed to register for next supplementary examination in manual mode at the Institute as he may not be able to avail courses through MOOC platform within the stipulated time to clear the pending course during the next season.
- The pattern of examination for manual mode in supplementary will be same as that of NPTEL question paper.
- Examination fee paid for the 8th semester to the exam branch of the college is only for project work, internships and seminars. The exam fee payable for taking NPTEL online courses shall be borne by the students itself. Separate registration fee will be applicable for supplementary appearance of MOOC, in manual mode.
- Teachers connected to the student group for guidance of MOOC shall also register for the course, go through the e-content in it to provide proper guidance to the students and also to get his 'Mentor Certificate'.
- Registration facility - extension of dates if any shall be continuously monitored by the HOD & students.
- Syllabus of M.Tech DECS for 2019-20 admitted M.Tech batch with applicable AK19 regulations has been reviewed and approved for continuance.
- Advanced Courses for B.Tech Degree with Honors in Electronics and Communication Engineering were approved.

HONOURS IN ELECTRONICS AND COMMUNICATION ENGINEERING

S.NO	SUB.CODE	COURSE NAME	L	T	P	CREDITS
1	20AHN0401	Automotive Electronics	3	1	0	4
2	20AHN0402	Detection and Estimation of Signals	3	1	0	4
3	20AHN0403	Pattern Recognition	3	1	0	4
4	20AHN0404	Micro Electromechanical Systems	3	1	0	4
5	20AHN0405	VLSI Testing and Testability				20
		TOTAL				

N. Rishpalak
 HOD
 Dept. of Electronics & Communication Engg.
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

N. Rishpalak
 HEAD
 Dept. of Electronics & Communication
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

➤ Courses for Minor degree in B.Tech Electronics and Communication Engineering were approved.

**MINOR DEGREE IN ELECTRONICS AND COMMUNICATION
ENGINEERING**

S.NO	SUB.CODE	COURSE NAME	L	T	P	CREDITS
1	20AMN0401	Signals and Systems	2	1	0	3
2	20AMN0402	Electronics Devices and Circuits	2	1	0	3
3	20AMN0403	Digital Electronics and Logic Design	2	1	0	3
4	20AMN0404	Digital Communications	3	0	0	3
5	20AMN0405	Digital Signal Processing	2	1	0	3
6	20AMN0406	Minor discipline project	-	-	-	5
		TOTAL				20

BOS Meeting Photos



Snapshots of UG & PG BOS-ECE Virtual meeting held on 06-07-2022 at 3PM.

N. Pushpalatha
HEAD
 Dept. of Electronics & Communication Engg.
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

N. Pushpalatha
HEAD
 Dept. of Electronics & Communication Engg.
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

BOS Meeting Link

<https://teams.microsoft.com/l/meetup-join/19%3a5v0IA7-xeJysa2o8Om0SMRTS5884T6vROKQR3Rx0Xc41%40thread.tacv2/1657082214474?context=%7b%22id%22%3a%22e2dfc295-b05c-42db-a3ca-d78101e4557d%22%2c%22oid%22%3a%229fe2483b-351f-4c95-9d2d-a1e5f142e34c%22%7d>

BOS Meeting Link and BOS Members Participated in BOS-ECE Meeting through Online Platform
Microsoft Teams on 06-07-2022 at 3:00PM

S.No	Name of the Person	Designation	Position	Signature
1	Dr.N.Pushpalatha	Professor &HOD	Chairman	N. Pushpalatha
2	Dr.I.Suneetha	Professor	Member	[Signature]
3	Dr.P.Harish	Associate Professor	Member	[Signature]
4	Dr.R.Kalyan	Associatet Professor	Member	[Signature]
5	Ms.K.S.Deveswari	Assistant Professor	Member	[Signature]
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert	Connected Through online
7	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University Nominated Subject Expert	Connected Through online
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee	Connected Through online
9	Mr.P.Jeevaiah	Sub.Divisional Engineer (QA),BSNL,Tirupati	Industry Representative	ABSENT
10	Mr.M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd,Banglore	P.G.Alumni	Connected Through online

N. Pushpalatha
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Dept. of Electronics & Communication Engg
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Technology & Sciences, TIRUPATI-517 528

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Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 528

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 528

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: TIRUPATI
(AUTONOMOUS)

Meeting of BOS(UG&PG) of Electronics and Communication Engineering
Through Online Platform Microsoft Teams dated 25-09-2021 at 3.00PM

AGENDA OF THE MEETING

- To approve the third, Fourth Year Course Structures and Syllabus of third year for 2019-20 admitted B.Tech batch with applicable AK19 regulations.
- To approve the Second Year Course Structure and Syllabus for AK20 regulations, for 2020-21 admitted B.Tech batch.
- To review Institute Vision, Mission, Department Vision, Mission , PEOs and PSOs.
- Any other suggestions/advice to the department
- Vote of thanks

Members of BOS-ECE

S.No	Name of the Person	Designation	Position
1	Dr.N.Pushpalatha	Associate Professor &HOD	Chairman
2	Dr.I.Suneetha	Professor	Member
3	Mr.P.Harish	Assistant Professor	Member
4	Dr.M.Dharani	Assistant Professor	Member
5	Dr.R.Kalyan	Assistant Professor	Member
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert
7	Dr.B.Anuradha	Professor,SVUCE, SV University, Tirupati	University Nominated Subject Expert
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee
9	Mr.P.Jeevaiah	Sub.Divisional Engineer(QA), BSNL,Tirupati	Industry Representative
10	Mr.M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd, Banglore	P.G.Alumni

N. Pushpalatha

Members attended:

Annamalai University Institute of Technology and Sciences - Tirupati
 Department of Electronics and Communication Engineering
 Conducted through online platform Microsoft Teams on 25-09-2021 at 3:00PM

Attendee List			
No	Name	Email Address	Join & Leave Times
1	Dr. N. Pushpalatha, HOD, ECE, AITS, IPT	pushpalatha823@gmail.com	2:50 PM - 4:37 PM
2	Dr. Irala Suneetha, Professor of ECE	iralasuneetha.aita@gmail.com	2:52 PM - 4:38 PM
3	Mr. P. Harihar Assistant Professor, ECE	hariharapasupulati@gmail.com	2:55 PM - 4:38 PM
4	Dr. R. Kalyan, Assistant Professor, ECE	aitseelectures@gmail.com	2:55 PM - 4:36 PM
5	Dr. M. Dharani, Assistant Professor, ECE	dharani405@gmail.com	2:58 PM - 4:33 PM
6	Prof. B. Anuradha	anubhuma@yahoo.com	3:00 PM - 4:35 PM
7	Mr. P. Jeevaiah Sub. Divisional Engineer BSNL	jeevaiahp@gmail.com	3:02 PM - 4:35 PM
8	Prof. P. Satyanarayana	satyamp1@yahoo.com	3:02 PM - 4:35 PM
9	Dr. Naveen K. P.	naveenkp@iittp.ac.in	3:05 PM - 4:37 PM
10	Mr. B. Purushotham	jagannadh990@gmail.com	ABSENT
11	Mr. Jagannadha Rao		

MINUTES OF BOARD OF STUDIES MEETING

- The Meeting of BOS(UG&PG) was conducted Through Online Platform Microsoft Teams dated 25-09-2021 at 3.00PM. The chairman, BOS-ECE, extended a warm welcome to Prof. P. Satyanarayana, Academic Council Nominee, Dr. K. P. Naveen, IIT Tirupati, Dr. B. Anuradha, BVUCE, SV University, Tirupati, Mr. P. Jeevaiah, Industry Representative, and Internal members of BOS.
- Chairman, BOS-ECE Dr. N. Pushpalatha, briefed the committee about the agenda of the meeting.
- Based on second year course structure followed in 2020-21 with applicable AK19 regulations, certain modifications in Third, Fourth year of course structure of B.Tech (UG-ECE) are discussed and has been approved.

N. Pushpalatha

HEAD

Dept. of Electronics & Communication Engg
 Annamalai University Institute of
 Technology & Sciences, UIR, PVT, 517 529

- The Second Year Course Structure and Syllabus for AK20 regulations, for 2020-21 admitted B.Tech batch has been approved.
- Assumed tentative Course structures for the rest of 3rd and 4th year of B.Tech (U.C.ECE) Syllabus for AK20 regulations, for 2020-21 admitted B.Tech batch has been approved.
- The Institute Vision, Mission, Department Vision, Mission, PEOs and PSOs has been reviewed in the meeting.

BOS Meeting Photos

BOS Meeting Link

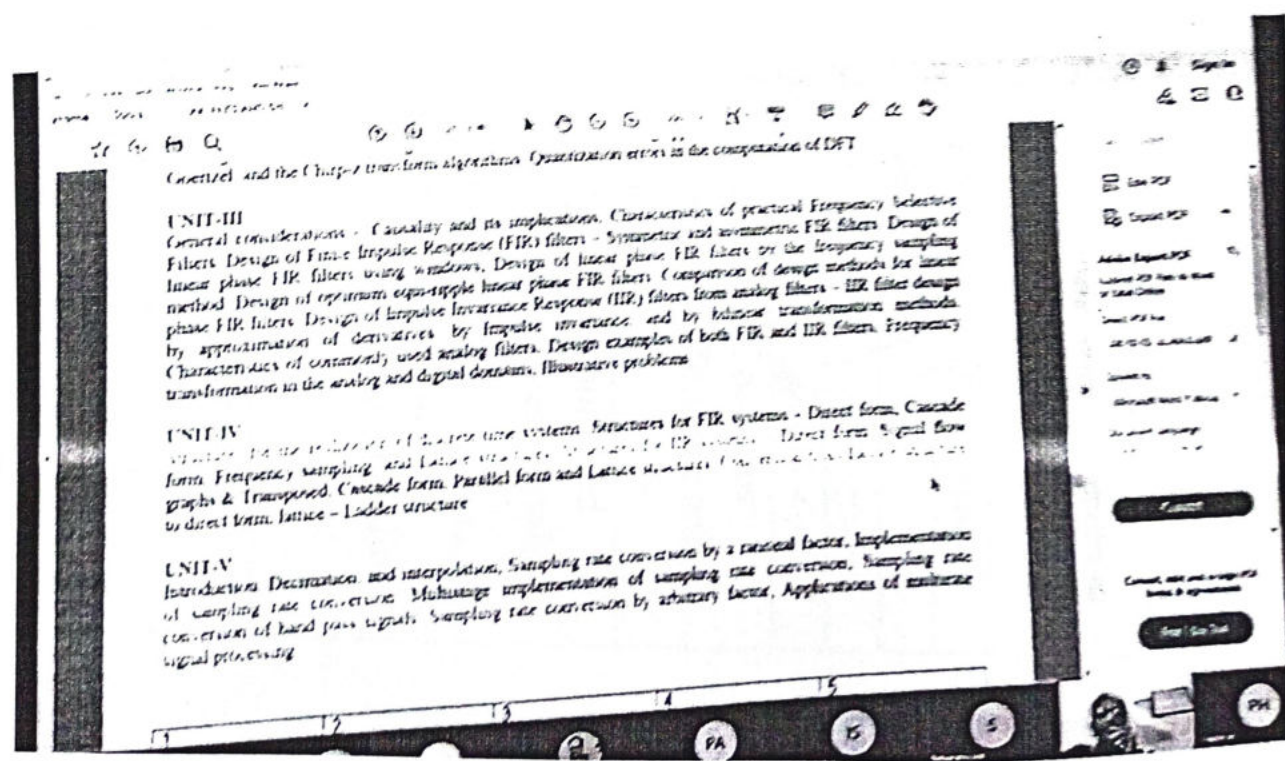
<https://teams.microsoft.com/join/19%3a11x19rc4RRld35en70cEhHnV-7F7373QDcGUGCEUhm81%40thread.taev2/1632480878135?context=%7b%22id%22%3a%22e2dfc295-b05e-42db-a3ca-d78101e4557d%22%2c%22oid%22%3a%229fe2483b-351f-4e95-9d2d-a1e5f142e34c%22%7d>



N. Rishu Datta
HEAD
Dept. of Electronics & Communication
Acarya Charya Institute of
Technology & Sciences, TIRUPATI-517 514



Scanned with OKEN Scanner



N. Rishu Datta
 HEAD
 Dept. of Electronics & Communication Engg
 Annamacharya Institute of
 Technology & Sciences, TIRUPATI-517 520

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S.No	Name of the Person	Designation	Position	Signature
1	Dr.N.Pushpalatha	Associate Professor RHOD	Chairman	<i>N. Pushpalatha</i>
2	Dr.I.Suneetha	Professor	Member	<i>I. Suneetha</i>
3	Mr.P.Harish	Assistant Professor	Member	<i>P. Harish</i>
4	Ms.M.Dharami	Assistant Professor	Member	<i>M. Dharami</i>
5	Mr.R.Kalyan	Assistant Professor	Member	<i>R. Kalyan</i>
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert	Connected Through online
7	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University Nominated Subject Expert	Connected Through online
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Academic Council Nominee	Connected Through online
9	Mr.P.Jeevaiah	Sub.Divisional Engineer (QA),BSNL, Tirupati	Industry Representative	Connected Through online
	Mr.M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd,Bangalore	P.G.Alumni	ABSENT

N. Pushpalatha
HEAD

Dept. of Electronics & Communication Engineering
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI
(AUTONOMOUS)

Course structure for Four Year Regular B.Tech. Degree Program
ELECTRONICS and COMMUNICATION ENGINEERING (ECE)
(Effective for the batches admitted in 2020-21)

Meeting of BOS(UG&PG) of Electronics and Communication Engineering
Through Online Platform GoToMeeting dated 12-11-2020 at 3.30PM

AGENDA OF THE MEETING

- To Welcome the Distinguished members of the Board of Studies for the BOS meeting by the chairman, BOS-ECE
- To Approve the Course Structure and syllabus for I Year courses of B.Tech (UG-ECE) and Tentative Course structure of II, III and IV year Courses of B.Tech (UG-ECE) for 2020-21.
- To review Institute Vision, Mission, Department Vision, Mission , PEOs and PSOs.
- Any other suggestions/advices to the department
- Vote of thanks

RESOLUTION OF THE MEETING

- The Meeting of BOS (UG-ECE) was conducted Through Online Platform GoToMeeting dated 12-11-2020 at 3.30PM. The chairman, BOS-ECE, extended a warm welcome to Prof.P. Satyanarayana, Academic Council Nominee, University Nominated Subject Experts Dr.K.P.Naveen, IIT Tirupati and Dr.B.Anuradha, SVUCE, SVUniversity, Tirupati, Mr.P.Jeevaiah, Industrial Representative, Mr.M.Jagannadha Rao, P.G.Alumni and members of BOS.
- Chairman, BOS-ECE Dr.N.Pushpalatha, briefed the committee about the agenda of the meeting.
- I year course structure of B.Tech (UG-ECE) followed in 2020-21, are discussed and has been approved.
- Tentative Course structures for the rest of II, III and IV year of B.Tech (UG-ECE) have been approved.
- The Institute Vision, Mission, Department Vision, Mission, PEOs and PSOs has been reviewed in the meeting.

N. Pushpalatha
HEAD
Dept. of Electronics & Communication Engg
Annamacharya Institute of
Technology & Sciences, TIRUPATI-517 520

Members of BOS-ECE

S.No	Name of the Person	Designation	Position
1	Dr.N.Pushpalatha	Associate Professor & HOD	Chairman
2	Dr.I.Suneetha	Professor	Member
3	Mr.P.Harish	Assistant Professor	Member
4	Ms.M.Dharani	Assistant Professor	Member
5	Mr.R.Kalyan	Assistant Professor	University Nominated Subject Expert
6	Dr.K.P.Naveen	Assistant Professor IIT Tirupati	University Nominated Subject Expert
7	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	Academic Council Nominee
8	Dr.P.Satyanarayana	Professor, ECE Department School of Engineering and Technology, SPMVV, Tirupati	Industry Representative
9	Mr.P.Jeevaiah	Sub.Divisional Engineer(QA), BSNL, Tirupati	P.G.Alumni
10	Mr.M.Jagannadha Rao	SIEMENS Healthineers Pvt.Ltd, Bangalore	

Members attended:

S.No	Role in BOS	Name	Signature
1	Chairman	Dr.N.Pushpalatha	<i>N. Pushpalatha</i>
2	Senior Faculty Members	Dr.I.Suneetha	<i>I. Suneetha</i>
3		Mr.P.Harish	<i>P. Harish</i>
4		Ms.M.Dharani	<i>M. Dharani</i>
5		Mr.R.Kalyan	<i>R. Kalyan</i>
6		External Subject Experts	Dr.K.P.Naveen
7	Dr.B.Anuradha		Connected Through Onl
8	External Academic Expert	Dr.P.Satyanarayana	Connected Through On
9	Industry Representative	Mr.P.Jeevaiah	Connected Through On
10	P.G.Alumni	Mr.M.Jagannadha Rao	Connected Through O

N. Pushpalatha
HEAD

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: TIRUPATI
(AUTONOMOUS)

FIRST: Minutes of the meeting of BOS

DATE: 10-08-2019

AGENDA OF THE MEETING

- Welcoming the distinguished members of the Board of Studies for the BOS meeting by the Chairman, BOS – ECE.
- Review / Suggestions of the academic regulations for the B. Tech Programme.
- Review / Suggestions of the course structure of B.Tech Programme.
- Review / Suggestions of the academic regulations for the M. Tech-DECS Programme.
- Review / Suggestions of the course structure of M.Tech-DECS Programme.
- Review / Approval of the detailed B.Tech Syllabi for two years:
- Review / Approval of the detailed M.Tech-DECS Syllabi for two years:
- Any other suggestions / advice to the department.
- Vote of thanks.

Members of BOS – ECE

S.No.	Name of the Person	Designation	Position
01	Dr.N.Pushpalatha	Associate Professor &HOD	Chairman
02	Dr. N.C.Eswar Reddy	Professor	Member
03	Dr. I. Suneetha	Professor	Member
04	Mr.P.Harish	Assistant Professor	Member
05	Ms.M.Dharani	Assistant Professor	Member
06	Dr.K.P.Naveen	Assistant Professor IIT, Tirupati.	University nominated Subject Expert
07	Dr.B.Anuradha	Professor, SVUCE, SV University, Tirupati	University nominated Subject Expert
08	Dr. P.Satyanarayana	Professor	Academic Council nominee
09	Mr.P.Jeevaiah	Sub. Divisional Engineer (QA), BSNL, Tirupati.	Industry Representative
10	Mr. M.Jagannadha Rao	Module Lead, Mindtree Ltd. Bangalore.	P.G Alumni

HEAD

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members are attended:

MINUTES OF BOARD OF STUDIES MEETING

- The meeting was conducted in the Board room AITS on 10th August 2019 at 11.30 A.M. The Principal and the Chairman, BOS-ECE, extended a warm welcome to Dr.K.P.Naveen, IIT, Tirupati, Dr.B.Anuradha, SVUCE, and SV Univeristy, Tirupati, Mr.P.Jeevaiah, Industrial Representative, and members of BOS.

- Chairman, BOS- ECE, Dr. N.Pushpalatha, briefed the committee about the agenda of the meeting.

- The BOS officially approved the UG (B.Tech) academic regulations and course structures of AK19, related to the following subjects for the academic year 2019-20.

- | | |
|--|---|
| ➤ Electronics and Communication Engineering Workshop | ➤ Basics of Electrical and Electronics Engineering-II |
| ➤ Electronic Devices and Circuits | ➤ Electronic Devices and Circuits Lab |
| ➤ Electromagnetic Theory and Transmission lines | ➤ Signals and Systems Lab |
| ➤ Signals and Systems | ➤ Analog Electronic Circuits Lab |
| ➤ Analog Electronic Circuits | ➤ Analog and Digital Electronic Circuits Lab |
| ➤ Digital Electronic Circuits | ➤ Basics of Electrical and Electronics Engineering-I Lab |
| ➤ Basics of Electrical and Electronics Engineering-I | ➤ Basics of Electrical and Electronics Engineering-II Lab |

- The BOS officially approved the PG (M.Tech-DECS) academic regulations and course structures of AK19, related to the following subjects for the academic year 2019-20.

- | | |
|---|---|
| ➤ Digital Communication Techniques | ➤ Sensors and Actuators |
| ➤ Advanced Digital Signal Processing | ➤ Speech Processing |
| ➤ Advanced Computer Architecture | ➤ Network Security and Cryptography |
| ➤ Low Power VLSI Design | ➤ Optical Communication Technology |
| ➤ Audio Video Coding and Compression | ➤ Remote Sensing |
| ➤ Transform Techniques | ➤ High Performance Networks |
| ➤ Data Networks | ➤ MIMO Systems |
| ➤ Error Control Coding | ➤ Digital Communication Techniques Lab |
| ➤ Pattern Recognition | ➤ Advanced Digital Signal Processing Lab |
| ➤ Detection and Estimation of signals | ➤ Pattern Recognition Lab |
| ➤ Wireless Communication and Networks | ➤ Detection and Estimation of signals Lab |
| ➤ Microcontrollers and Programmable Digital Signal Processors | |

- The committee suggested that the students should be acquainted with MOOCs/

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