### 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

	Members of BOS-E	Designation	Position
S.No	Name of the Person		Chairman
1	Dr.N.Pushpalatha	Professor &HOD	Member
2	Dr.I.Suneetha	Professor	Member
3	Dr.P.Harish	Associate Professor	Member
	Dr.R.Kalyan	Associate Professor	
4	Ms.K.S.Deveswari	Assistant Professor	Member
5	Dr.K.P.Naveen	Assistant Professor	University Nominated
6	Dr.K.P.Navcon	IIT Tirupati	Subject Expert
	- dhu	Professor, SVUCE, SV University,	University Nominated
7	Dr.B.Anuradha	Tirupati	Subject Expert
_	Dr.P.Satyanarayana	Professor, ECE Department	Academic Council
8	Dr.r.Satyanara)	School of Engineering and	Nominee
		Technology, SPMVV, Tirupati	100 m

N. Preheldis

N. Rushallar

Dopt of Electronics & Communication Enga

Mr.P.Jeevainh	
10 Mr.At.Jaganovito, BSNL, Tirupat	Industry Representative
SHEMENS Healthineers Pvt.Ltd. Banglore	P.G.Alumni

### Members attended:

_	Annamachan	ya Institute of Technology and Sciences	:: Tirupati
	ocpar (ment	Of Flortroples and Communication Eng	lanasina
	Conducted through or	nline platform Microsoft Teams on 25.0	9-7071 at 3:00PM
S.No	Name	Attendee List	
	Dr.N.Pushpalatha,	Emnil Address	Join & Leave Times
1	HOD-ECE, AITS TPT	pushpalatha825@gmail.com	3:00PM & 5:00 PM
2	Dr. Irala Suneetha, Professor of ECE		3:00PM & 5:00 PM
3	Dr.P Harish Associate Professor, ECE	iralasuneetha.aits@gmail.com	3:00PM & 5:00 PM
4	Dr. R. Kalyan, Associate Professor, ECE	harishpasupulati@gmail.com	3:00PM & 5:00 PM
5	Ms.K.S.Deveswari, Assistant Professor, ECE	r.kalyanreddy@gmail.com	3:00PM & 5:00 PM
6	Prof B Anuradha	karthekdevi@gmail.com 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.

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Popt of Electronics & Communication of Annamachanya Institute of Annamachanya Institute of Annamachanya Institute of Rechnology & Science of Rechnol Dept of Electronics & Communication Const Sectionology & Sciences, THRUPATT-517 526

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- 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.

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Dept of Electronics & Community of Annamachanya Institute of Annamachanya Institute of Annamachanya (PATI-517 570)

Recharachya & Sciences, TRUPATI-517 590

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- In case if the student falls/ absent for the MOOC courses in the regular ٧ 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
  - Teachers connected to the student group for guidance of MOOC shall also manual mode. 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 TT P CREDITS

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

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Technolom & Colontes, TRUPATI-517 528 Annamacharya Institute of

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

### MINOR DEGREE IN BLECTRONICS AND COMMUNICATION

#### **ENGINEERING**

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



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

Dept of Electronies & Commentation English PATI-517 1986

HEAD
Dept. of Electronics & Communication Eng.
Annamacharya Institute of
Rechnology & Sciences, TEXUPART-517

### 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

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

Nº Ruelya Dalla Dept. of Electronies & Commandeation Enga Annamachanya Institute of Rechnology & Sciences, TRUPATI-517 520

Mambe	rs attended:	n Institute of Technology and Sciences:	: Tirupati
Memos	Amanachary	n Institute of Technology	neering
	Anname	n Institute of Technology and Sciences of Electronics and Communication Engi New Platform Microsoft Teams on 25-09	9-2021 at 3:00PM
	Department	line platform Microsoft Teams on 25	
	Conducted through on	of Electronics and Communication Engli line platform Microsoft Teams on 25-09 Attendee List	Join & Leave Times
		Email Address	
	Name		2:50 PM - 4:37 PM
S.No	- valuating.	pushpalatha825@gmail.com	
	UOD-ECE,AII3,II		2:52 PM - 4:38 PM
_1_	D- Irala Sunceilla,	iralasuneetha.aits@gmail.com	
	Professor of ECE		2:55 PM - 4:38 PM
2	n Harich	harishpasupulati@gmail.com	1.26 PM
3	Assistant Professor, ECE		2:55 PM - 4:36 PM
	n Maluan	aitsecelectures@gmail.com	1.33 PM
4	Assistant Professor, Lon		2:58 PM - 4:33 PM
	T . ( Discrent)	dharani405@gmail.com	3:00 PM - 4:35 PM
5	Assistant Professor, ECE	anubhuma@yahoo.com	1.35 PM
6	Prof B Anuradha  Prof B Anuradha		3:02 PM - 4:35 PM
	Mr. P. Jeevaiah Sub Division	jeevaiahp@gmail.com	3:02 PM - 4:35 PM
7	Engineer BSNL	catyampl (a) yanoo.com	3:05 PM - 4:37 PM
8	Prof.P Satyanarayana	naveenkp@iittp.ac.in	
9	Dr Naveen K P		ABSENT
10	Mr B Purushotham	jagsnnadh990@gmail.com	
11	Mr.Jagannadha Rao	- X	

# 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, Representative, and Internal members of BOS.
- Chairman, BOS-ECE Dr.N.Pushpalatha, briefed the committee about the agenda of the
- 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.



- 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
- The Institute Vision, Mission, Department Vision, Mission, PEOs and PSOs has been reviewed in the meeting.

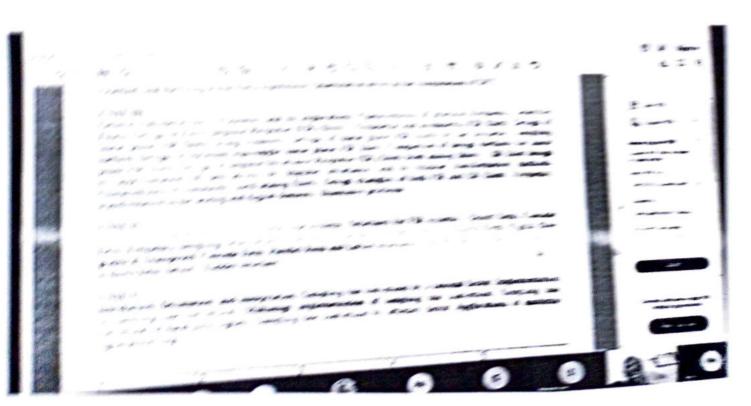
### BOS Meeting Photos

https://teams.microsoft.com/l/meetup-join/19%3a1tXf9yC4RRId35enZOcEhHnV-<u>TF7373QDcGUGCEUhm81%40thread.tacv2/1632480878135?context=%7b%22Tid</u> %22%3a%22e2dfc295-b05c-42db-a3ca-d78101e4557d%22%2c%22Oid%22%  $\underline{3}a\%229fe2483h-351f-4c95-9d2d-a1e5f142e34e\%22\%7d$ 



N. Pushpalalis

Dept. of Electronies & Communication Enga Annemacherya Institute of Technology & Sciences, TIELPAT 517 524





#### 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
- I year course structure of B.Tech (UG-ECE) followed in 2020-21, are discussed and has
- Tentative Course structures for the rest of II, III and IV year of B.Tech (UG-ECE) have
- The Institute Vision, Mission, Department Vision, Mission, PEOs and PSOs has been reviewed in the meeting.



## Members of BOS-ECE

14	lembers of BOS-ECE		Position
Na	Name of the Person	Designation Associate Professor	Chairman
No 1	Dr.N.Pushpalatha	RHOD	Member
`		Destresor	Member Member
2	Dr.l.Suneethu Mr.P.Harish	Assistant Professor Assistant Professor	Member
3	Ms.M.Dharani	A original Professor	University Nominated
5	Mr R.Kalyan	Assistant Protessor	Subject Expert University Nominate
6	Dr.K.P.Naveen	IIT Tirupati Professor, SVUCE, SV University,	Subject Expert
7	Dr.B.Anuradha		Academic Council
	Dr.P.Satyanarayana	Professor, ECE Department	Nominee
8	Dianos		Industry Representative
9	Mr.P.Jeevaiah	Sub.Divisional Eligino	P.G.Alumni
10	Mr.M.Jagannadha Rao	- CONTRACTOR LIGHTINGERS	

### Members attended:

		I Name	Signature
S.No	Role in BOS	Name	N. Pushzalala
2110	Chairman	Dr.N.Pushpalatha	N. Pushgratur
1		Dr.I.Suneetha	& Breed
2	Senior Faculty Members	Mr.P.Harish	9.74
3		Ms.M.Dharani	MAG
4	-	Mr.R.Kalyan	Klan
5	12.11 . 12 . 14		Connected Through Onl
6	External Subject Experts	Dr.K.P.Navecii	
7		Dr.B.Anuradha	Connected Through On
8	External Academic Expert	Dr.P.Satyanarayana	Connected Through On
9	Industry Representative	Mr.P.Jeevaiah	Connected Through O
10	P.G.Alumni	Mr.M.Jagannadha Rao	Connected Through C



### 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

CATO	Name of the Person	Designation in	Position	
S.No.	Dr.N.Pushpalatha	Associate Professor &HOD	Chairman	
01	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	
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	

Dept of Electronics & Communication Enga

Annomacharya Institute of Technology & Sciences, TIRUPATT-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.Navcen, IIT, Tirupati, Dr.B.Anuradha, SVUCE, and SV University, 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
  - and Electromagnetic Theory Transmission lines
  - Signals and Systems
  - Analog Electronic Circuits
  - Digital Electronic Circuits
  - Electrical and of Basics

- > Basics of Electrical and Electronics Engincering-II
- Electronic Devices and Circuits Lab
- Signals and Systems Lab
- Analog Electronic Circuits Lab
- Analog and Digital Electronic Circuits Lab
- Electronics Basics of Electrical and Engineering-I Lab
- Electronics of Electrical Basics 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

- > 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/

Dept. of Electronics & Communication lines Annamacharya Institute of Technology & Sciences, THUPAII-517 \$20