## NARASARAOPETA ENGINEERING COLLEGE AUTONOMOUS

#### DEPARTMENT OF CIVIL ENGINEERING

Minutes of the 1st Board of studies Meeting held on 22nd June, 2016 at 2:00 PM in the Special officer chamber of NEC

Proceedings of the first meeting of Board of studies of Department of CIVIL ENGINEERING Narasaraopeta Engineering College, Kotappakonda Road, Narasaraopet, Guntur Dt, A.P held on 22-06-2016 at 02:00P.M in the Special officer chamber of NEC.

#### **AGENDA**

- 1. Welcome by the Chairman
- 2. Discussion on Curriculum and content for B. Tech and M. Tech 2016 batch.
- 3. General suggestions by members
- 4. Vote of thanks by the Chairman

#### **Members Present:**

S.No	Name	Category	Designation
1.	Dr.VijayanGurumurthyIyer	Professor	Member
2.	Mr S.Kanakambara Rao	Assoc. Professor.	Member
3.	Mr M.Srinivasa Rao	Assoc. Professor.	Member
4.	Mr P. Mohana Ganga Raju	Assoc. Professor.	Member
5.	Mr Y.Anjaiah	Asst. Professor	Member
5.	Mr K.VarunTeja	Asst. Professor	Member
7.	Ms Sk.Ummi Salma	Asst. Professor	Member
8.	Dr J.V.Gurumurthy, Civil Engineering Department, G.Pulla Reddy Engineering College, Kurnool-518 007 E-mail: jvgm62@gmail.com Ph: 9440588766	Professor	Member Nominee of Academic Council
9.	Dr. A.V. Bhaskara Rao Email ID: bhaskararao.av@iitb.ac.in	Professor & Principal of SMCE. Thummalapalem. (Vill) Guntur (D.T)	Member Nominee of Academic Council
10.	DrK.V.S.GMurali Krishna Mobile:+91 9849136135 Email :kvsg.muralikrishna@gmail.com	Professor of Civil Engineering & Director Foreign Universities and Alumni Relations	Nominee of JNTUK, kakinada
11.	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member Member  PRINCI  NARASARAOPETA ENT

NARASARAOPETA ENSUEERING COLLEC (AUTONOMOUS) NARASARAOPET - 522 501 Guntur (Dista), A.P.

12.	Mr M.Suresh H.NO.;3-58, Lakshmi puram(Vill), S.N. Padu (M.D), Prakasam (D.t) Ph, No: 9505201321. Email ID: machsuresh@gmail.com	Alumni Post Graduate	Member
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The meeting was commenced at 02:00 PM with a welcome note by the Chairman of the BOS Body. The following points are discussed during the meeting.

- 1. It is suggested to shift Business Management and concepts for Engineers from IV-II to IV-I.
- 2. Construction Technology and management to be shifted from IV-I to IV-II.
- 3. Green technologies or Green buildings topic should be included in Alternative Building Materials subject.

4. Include life cycle analysis and zero liquid discharge topics in some elective subjects.

Meeting is concluded with thanks to the chair.

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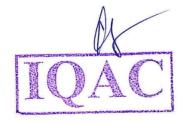
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NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.

# NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET | DEPARTMENT OF CIVIL ENGINEERING BOARD OF STUDIES ATTENDANCE SHEET

S.No	Name	Category	Designation	Mobile No
1	Dr. Vijayan Gurumurthylyer	Professor	Member —	Trayor of Chily
2	Mr S.Kanakambara Rao	Assoc. Professor.	Member	Lanakambasaon hum te
$\frac{2}{3}$	Mr M.Srinivasa Rao	Assoc. Professor.	Member	mstricini Ognation
4	Mr P. Mohana Ganga Raju	Assoc. Professor.	Member	rajur mr ve Banail (0)
<del>.</del>	Mr Y.Anjaiah	Asst. Professor	Member	anii achleve Coma
6	Mr K. VarunTeja	Asst. Professor	Member	Varuntipor agonico persones
-7	Ms Sk.Ummi Salma	Asst. Professor	Member	umni salman agranian CK. Salme
8	Dr J.V.Gurumurthy, Civil Engineering Department, G.Pulla Reddy Engineering College, Kurnool-518 007 E-mail: jvgm62@gmail.com Ph: 9440588766	Professor	Member Nominee of Academic Council	Jugue 620 gwail. com g 440 588766
9	Dr. A.V. Bhaskara Rao Email ID: bhaskararao.av@iitb.ac.in	Professor & Principal of SMCE. Thummalapalem. (Vill) Guntur (D.T)	Member Nominee of Academic Council	6 ha shanerau ax E. B. D. S.
10	DrK.V.S.GMurali Krishna Mobile:+91 9849136135 Email :kvsg.muralikrishna@gmail.co	Professor of Civil Engineering & Director Foreign Universities and Alumni Relations	Nominee of JNTUK, kakinada	90 KUSGI - 22616
11	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member	missahmally (a) gmar 96522387 Md 21/6/6.
12	Mr M.Suresh H.NO.;3-58, Lakshmi puram(Vill), S.N. Padu (M.D), Prakasam (D.t) Ph, No: 9505201321. Email ID: machsuresh@gmail.com	Alumni Post Graduate	Member	Mach sureth M. sweeth.



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(AUTONOMOUS)

NARASARAOPET - 522 600

Guntur (Dist.), A.F.

## NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS): NARASARAOPETA DEPARTMENT OF CIVIL ENGINEERING MINUTES OF THE SECOND MEETING OF THE BOARD OF STUDIES- CIVIL MEETING ON 24.05.2017

Minutes of the Second meeting of Autonomous BOS- CIVIL of Narasaraopeta Engineering College, Kotappakonda Road, Narasaraopeta, Guntur Dt, A.P held on 24.05.2017 at 11:00A.M in the Block-III Incubation center.

- 1. Building Planning & Drawing of Second Year I semester, the practical hours has been increased from 3 to 4.
- 2. Some suggestions have been mentioned by the members in the draft copy of syllabus are incorporated and the syllabus is modified accordingly.

#### **Members Present:**

Sl.No	Name	Category	Designation	Signa <u>t</u> ure
1	Dr. Vijayan Gurumurthy Iyer	Professor	Member	, mil
2	Mr S.Kanakambara Rao	Assoc. Professor.	Member	Mm R 241511
3	Mr M.Srinivasa Rao	Assoc. Professor.	Member	M. Sriminasa Rout
4	Mr P. Mohana Ganga Raju	Assoc. Professor.	Member	Yes
5	Mr Y.Anjaiah	Asst. Professor	Member	y. aufalat
6	Mr D.V. Naresh Kumar	Asst. Professor	Member	Dyrous kunar
7	Ms K. Pratyusha	Asst. Professor	Member	K. Pratis
8	Dr J.V .Gurumurthy, Civil Engineering Department, G.Pulla Reddy Engineering College, Kurnool-518 007 E-mail: jvgm62@gmail.com Ph: 9440588766	Professor	Member Nominee of Academic Council	mynully 24/5/2017
9	Dr. A.V. Bhaskara Rao Email ID: bhaskararao.av@iitb.ac.in	Professor & Principal of SMCE. Thummala palem.(Vill) Guntur (D.T)	Member Nominee of Academic Council	Dol
10	Dr. KVSG Murali Krishna Mobile: +91 9849136135 Email :kvsg.muralikrishna@gmail.com	Principal of JNTUK Narasaraopeta, Guntur dist, AP- 522601	Nominee of JNTUK, kakinada	KISGI 24519
11	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member	Mer
12	Mr M.Suresh H.NO.;3-58, Lakshmi puram(Vill), S.N. Padu (M.D), Pşakasam (D.t) Ph, No: 9505201321. Email ID: machsuresh@gmail.com	Alumni Post Graduate	Member	

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**BOS-CIVIL** 

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## NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF THE THIRD MEETING OF THE BOARD OF STUDIES - CIVIL ENGINEERING ON 26-4-2018

Minutes of the Third Meeting of Autonomous BOS-CIVIL of Narasaraopeta Engineering College, Kotappakonda Road, Narasaraopet, Guntur (Dt.), A.P. held on 26-4-2018 at 11:00A.M in the Block-II seminar hall.

- 1. Change the title of Advanced Foundation Design to Advanced Foundation Engineering.
- 2. Some suggestions have been suggested by the members in the draft copy of the syllabus. They are incorporated and the syllabus is modified accordingly.

#### **Members Present:**

S.No	Name	Category	Designation	Signature
1	Dr.K.V.S.G Murali Krishna Mobile:+91 9849136135 Email :kvsg.muralikrishna@gmail.co m	Principal of JNTUK, Narasaraopeta, Guntur dist. AP-522601.	Nominee of JNTUK, Kakinada	NDG Cura
2	Dr. A.V. Bhaskara Rao Email ID: bhaskararao.av@iitb.ac.in	Professor & Director, RISE Krishna Sai Group of Institutions, Ongole	Member Nominee of Academic Council	
3	Dr J.V.Gurumurthy, Civil Engineering Department, G.Pulla Reddy Engineering College, Kurnool-518 007 E-mail: jvgm62@gmail.com Ph: 9440588766	Professor & HOD of Civil Engineering	Member Nominee of Academic Council	Junity 26/4/2018
4	Mr S.Kanakambara Rao	Assoc. Professor.	Member	Ann Ma de 11
5	Mr M.Srinivasa Rao	Assoc. Professor.	Member	M. Sylins in sale
6	Mr Y.Anjaiah	Asst. Professor	Member	y. Chisaras
7	Ms. K. Pratyusha	Asst. Professor	Member	K. Day
8	K.V. Naga Laxman Naik	Asst. Professor	Member	antio
9	G. Babu Rao	Asst. Professor	Member	6. Babulas
10	B.Hari kumar	Asst. Professor	Member	Rolan
11	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member	Mis
12	Mr. M. Suresh H.no: 3-58, Lakshmi Puram(V), Prakasam (Dt) Ph.no: 9505201321. Email Id: machsuresh@gmail.com	Alumni Post Graduate	Member	M

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# NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING BOARD OF STUDIES ATTENDANCE SHEET

S.No	Name	Category	Designation	Signature
1	Dr.K.V.S.G Murali Krishna Mobile:+91 9849136135 Email :kvsg.muralikrishna@gmail.co m	Principal of JNTUK, Narasaraopeta, Guntur dist. AP-522601.	Nominee of JNTUK, Kakinada	W. Co. C. C.
2	Dr. A.V. Bhaskara Rao Email ID: bhaskararao.av@iitb.ac.in	Professor & Director, RISE Krishna Sai Group of Institutions, Ongole	Member Nominee of Academic Council	
3	Dr J.V.Gurumurthy, Civil Engineering Department, G.Pulla Reddy Engineering College, Kurnool-518 007 E-mail: jvgm62@gmail.com Ph: 9440588766	Professor & HOD of Civil Engineering	Member Nominee of Academic Council	Junithys 26/4/2018
4	Mr S.Kanakambara Rao	Assoc. Professor.	Member	. hours and health le
5	Mr M.Srinivasa Rao	Assoc. Professor.	Member	M. Stimiyasa Rac
6	Mr Y.Anjaiah	Asst. Professor	Member	V. Duland
7	Ms. K. Pratyusha	Asst. Professor	Member	K.D.
8	K.V. Naga Laxman Naik	Asst. Professor	Member	1 vina
9	G. Babu Rao	Asst. Professor	Member	Gilabeler
10	B.Hari kumar	Asst. Professor	Member	n dan-
11	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member	Mars.
12	Mr. M. Suresh H.no: 3-58, Lakshmi Puram(V), Prakasam (Dt) Ph.no: 9505201321. Email Id: machsuresh@gmail.com	Alumni Post Graduate	Member	

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## NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA & NAAC, ISO 9001:2008

#### Certified Institution

Kotappakonda Road, Yellamanda (Post), Narasaraopet-522601, Guntur District, Andhra Pradesh

Phone No: 08647-239906, E-mail: civilhodnec@gmail.com Website:

http.//www.nrtenggcollege.com

## DEPARTMENT OF CIVIL ENGINEERING

Date: 22-07-2019

List of BOS Memb	ers
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S. No	Name		ist 4-ch & score	Sign	atures J
		Designation	Position of BoS	B. Tech	M. Tech
1	Dr. T. Gopi Krishna Vasista	Professor & HOD, Civil	Chairman	Program Take	Program
2	Dr. G. Babu Rao	Associate Professor	Member (Internal Subject Expert)	TCKWAS G. Babyl	-Bobils
3	M. Srinivasa Rao	Asst. Professor	Member (Internal Subject Expert)	M. Grimin Derk	n Samoooko
4	K.V. Naga Laxman Naik	Asst. Professor	Member (Internal Subject Expert)	OHOUS !	owns/j
5	B. Hari kumar	Asst. Professor	Member (Internal Subject	R. Naus	Bylone
6	Dr.K.V.S.G Murali Krishna	Professor	Expert) JNTUK Nominee	NO ()	-10G D
7	Dr.T.V.S Vara Lakshmi	Asst. professor	Member External Subject Expert	7. John	Starl.
8	Dr.E.Venkata Rathnam	Professor	External Subject Member	ELLHAM	Evoluter
9	Mr. M. R. Mohideen	Executive engineer	Industrial Member		
10	K.Kalyan Chakravathi	Post Graduate	Alumni Member		
11.	^	P sales		14	

#### **BOS COMMENT 2**

Dr.T.V.S Vara Lakshmi

In year - 1st sem?

- (1) Consider the version-I for Building planning & services drawing. 19BCE3THO3
- (2) 19BCE 32BOL Manual drawing + Auto Cad drawing both.
- (3.) Then only syllabors will be covered otherwood little difficult.
- (4) 19BCE37HOS Surveying:

  (i) unit-I Introduction of Total station.
  - (ii) unit-II temporary & permanent adjustment are organis.
  - (i) Luit-II Corrections.
  - (ii) Rise and fall, Height of instruments method.

(iv) unit-Ir - Tacheometric surveying.
— C&k constant finds

- curves - clements of curves

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II year - 2nd Sem.

(i) 19BCE4THOQ - C.T.

unit-I — (i) Tests on coment

(ii) Tests on aggregation are required in detail-

unit-3 — interchange the chaptery

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If Possible interchange the unit - 4 to unit - 3.

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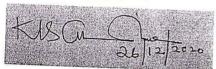


## DEPARTMENT OF CIVIL ENGINEERING

Date: 26-12-2020

### Agenda of BOS meeting

- 1. To discuss B.Tech.(CIVIL) Course Structure and 1st and 2nd B.Tech CIVIL Syllabus.
- 2. To discuss I B.Tech. II Sem. Subjects Basics in Mechanical and Civil Engineering Theory and Lab (EEE) Syllabus.





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NARASARAOPET - 522 601. Guntur (Dist.), A.P.

#### NARASARAOPETA ENGINEERING COLLEGE :: AUTONOMOUS :: NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING

26th December 2020

The following members have attended 5<sup>th</sup> BoS meeting for the approval of Regulation R20 1<sup>st</sup> and 2<sup>nd</sup> year B.Tech Autonomous Syllabus of Civil Engineering department held on 26.12.2020.

#### Members Present:

S. No.	Name	Category	Designati	specialization	Signature
1	Dr P Naga Sowjanya	Assoc. Professor & HOD	Chairman	Remote Sensing and GIS	Sowanys
2	Dr.K.V.S.G Murali Krishna	PRINCIPAL Dept. of CIVL ENGG, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Environmenta l Engineering	KIECO CO
3 ~	Dr.T.V.S Vara Lakshmi	Asst. Professor, HOD,CED ANU, Guntur	Member Nominee of CAC	Structural Engineering	V : 100 - 100 - 1
4	Dr. J.V. GURUMURTHRY	HOD, CED, G Pulla Reddy Engineering College, Kurnool	Member Nominee of CAC	Geotechnical Engineering	Jugustly,
5	Mr. M. R. Mohideen	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Industrial Member	Structural Engineering	Abrul
6	K.Kalyan Chakravathi	Post Graduate	Alumni Member	Structural Engineering	Absul
7	Dr. G. Nandini Devi	Professor CED, NEC	Member (Internal Subject Expert)	Structural Engineering	Spandinis,
8	Dr G Babu Rao	Assoc. Prof	Member	Geology	G. Boloules
	M. Srinivasa Rao	Asst. Prof	Member	Structural Engineering	Absent
10	K V Pratap	Asst. Prof	Member	Structural Engineering	Absent K.n. grafing

(AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

CHAIRMAN

RoS - CIVIL Engineering Dept. NAKASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

## NARASARAOPETA ENGINEERING COLLEGE :: AUTONOMOUS :: NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING

26th December 2020

#### Minutes of Meeting

BOS Meeting of the Faculty of Civil Engineering is convened on 26.12.2020 at 10:30 am in CSE lab 2201.

The minutes of the meeting are as following:

- The BOS external members are allowed for first year syllabus alone.
- BOS panel members suggested replacing the Python programming theory and Lab with C programming theory and Lab and also replacing the Elements of Electrical and Electronics Engineering with Elements of Mechanical and Electrical Engineering.
- The panel instructed to reduce four mathematics papers to three as the students are missing core subjects.
- If possible advised to include MEFA into curriculum.
- Panel instructed to opt to Professional Core Course subject instead of Basic Science Course.
- Final Year soft skill course, Major Project and Internship is compulsory as per APSCHE and also suggested to include Universal Human Values course as per AICTE.

Suggestions on syllabus of 1st and 2nd years:

- Advised to maintain Blooms taxonomy to all the subjects.
- To revise the syllabus of Building materials and building construction keeping in view the similarities Elements of Building science.
- Rename the Engineering surveying to surveying and Geomatics and revise the syllabus as per AICTE approved R19 syllabus.
- To revise the syllabus of MOS, SA-1 and SA-2.
- To include few more experiments on Theodolite, Levelling and Total Station and KML software in Surveying Laboratory.
- Considering the vastness of the FM&HM syllabus, panel suggested to split into two papers as FM, H&HM.
- To swap few subjects in between 2-1 and 2-2.
  - Engineering Geology Subject and Lab, Computer Aided Civil Engineering drawing from 2-1 to 2-2.
  - Fluid Mechanics, Computer Aided Building Drafting Lab, Building Planning and Drawing from 2-2 to 2-1.

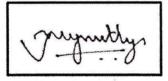
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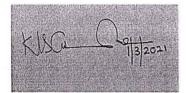
Date: 01-03-2021

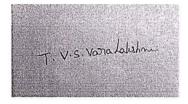
#### Agenda of BOS meeting

To discuss B.Tech. (CIVIL) Course Structure and 3<sup>rd</sup> and 4<sup>th</sup> B.Tech CIVIL Syllabus of Regulation R19.

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Principal
NARASARAOPETA ENGALERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601.
Guntur (Dist.), A.P.

#### NARASARAOPETA ENGINEERING COLLEGE :: AUTONOMOUS :: NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING

S. No.	Name of the BOS member	Signature
1	Dr P Naga Sowjanya	Sonjangs
2	Dr.K.V.S.G Murali Krishna	XSM 26 12 2520
3	Dr.T.V.S Vara Lakshmi	T. V.s. Vana lalishni
4	Dr. J.V. GURUMURTHRY	Trymithy
5	Mr. M. R. Mohideen	Abreut
6	K.Kalyan Chakravathi	Absent
7	Dr. G. Nandini Devi	Absent Bandini Dr Glabulel
8	Dr G Babu Rao	Glabukel
9	M. Srinivasa Rao	
10	K V Pratap	Absent K.v. Treatel

NARASARAOPETA ENGINEERINU (AUTONOMOUS) NARASARAOPET - 522 dut. Guntur (Dist.), A.P.

CHAIRMAN

BoS - CIVIL Engineering Dept. NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

NARASARAOPET - 522 601. Guntur (Dist.), A.P.

#### NARASARAOPETA ENGINEERING COLLEGE: AUTONOMOUS: NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING

The following members have attended 6<sup>th</sup> BOS meeting for the approval of Regulation R19 3<sup>rd</sup> and 4th year B.Tech Autonomous Syllabus of Civil Engineering department held on 01.03.2021.

#### **Members Present:**

	S. No.	Name	Category	Designatio n	specialization	Signature
	1	Dr P Naga Sowjanya	Assoc. Professor & HOD	Chairman	Remote Sensing and GIS	Sovjarys
	2	Dr.K.V.S.G Murali Krishna	PRINCIPAL Dept. of CIVL ENGG, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Environmental Engineering	NO 1 HA
	3	Dr.T.V.S Vara Lakshmi	Asst. Professor, HOD,CED ANU, Guntur	Member Nominee of CAC	Structural Engineering	
	4	Dr. J.V. GURUMURTHRY	HOD ,CED, G Pulla Reddy Engineering College, Kurnool	Member Nominee of CAC	Geotechnical Engineering	Jun-thes
)	5	Mr. M. R. Mohideen	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Industrial Member	Structural Engineering	Absent
	6	K.Kalyan Chakravathi	Post Graduate	Alumni Member	Structural Engineering	Absut
	7	Dr. G. Nandini Devi	Professor CED, NEC	Member (Internal Subject Expert)	Structural Engineering	Absut: Dandeni De
	8	Dr G Babu Rao	Assoc. Prof	Member	Geology	G. Balon last
	9	M N S Samba Siva Rao	Asst. Prof	Member	Hydraulics,Coa stal&Harbour Engineering	Her
	10	K V Pratap	Asst. Prof	Member	Structural Engineering	Jan grouped

Guntur (Dist.), A.P.

#### NARASARAOPETA ENGINEERING COLLEGE: AUTONOMOUS: NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING

S. No.	Name of the BOS member	Signature
1	Dr P Naga Sowjanya	Sonjanja
2	Dr.K.V.S.G Murali Krishna	13 (i)
3	Dr.T.V.S Vara Lakshmi	T. V.S. Varalahshni
4	Dr. J.V. GURUMURTHRY	Jugnithy
5	Mr. M. R. Mohideen	Absut
6	K.Kalyan Chakravathi	Absort
7	Dr. G. Nandini Devi	Absort Grandwi De
8	Dr G Babu Rao	G. Balou Rol.
9	M N S Samba Siva Rao	G. Balou Rol.  Men  January
10	K V Pratap	Jantes

(AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

## NARASARAOPETA ENGINEERING COLLEGE: AUTONOMOUS: NARASARAOPET DEPARTMENT OF CIVIL ENGINEERING

## 01-03-2021 Minutes of Meeting

BOS Meeting of the Faculty of Civil Engineering is convened on 01.03.2021 at 03:00 PM in HOD's cabin at 1303.

The minutes of the meeting are as following:

- The BOS external members are allowed for third and final year syllabus.
- BOS panel members suggested that to combine the Slope deflection (UNIT-III) and Moment distribution methods (UNIT-IV) in Structural Analysis II as a single unit and also add Matrix methods as a new unit (UNIT-V) for III-I syllabus.
- Panel instructed to change subject title Basics of Design of Reinforced Concrete structures to Design of Reinforced Concrete structures and also to include CODE books to be used for Design for Reinforced Concrete structures III-I syllabus.
- Panel instructed to mention the types of cement to first unit of Concrete Technology in the III-I syllabus.
- Panel suggested to include Initial and Final Setting time of Cement experiments to Concrete Technology lab for III-I syllabus.
- Panel instructed to include one of the Text book i.e., Solid and Hazardous waste management by M.N.Rao, Butterworth-Heinemann for the subject Solid and Hazardous waste management and also suggested to include few case studies for III-II syllabus.
- Panel suggested to change subject title of Design of Prestressed Concrete to Prestressed Concrete and to SWAP the unit 2 to unit 3 and vice versa.
- Panel instructed to add some more electives to IV Civil syllabus.

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## **R16 Regulation**

## Ist BoS Meeting

## for the approval of

- 1. B. Tech 1st year Course Structure and Syllabus
- 2. M.Tech PE&ED and P&ID programmes course structure and syllabus

Held on 22.06.2016

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## NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPET BOARD OF STUDIES

## Dept. of Electrical and Electronics Engineering

### - AGENDA

22.6.16.

- 1. Welcome by the Chairman
- 2. Discussion on Curriculum and content
- 3. General suggestions by members
- 4. Vote of thanks

22/6/16

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E - mail: nrtec eee@vahoo.com, & hod.eee@nrtenggcollege.com Website: http://www.nrtenggcollege.com DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

## Board of Studies meeting conducted on 22.06.2016

S.		Solidated on 22.08.2016				
No	NT	Category	Designation	specialization	Contact No. & Mail ID	Signature
1	Dr. P.Lakshmanan	Professor & HOD	Chairman	Power Systems	9494990832 lakchandp@g mail.com	Dillow
2	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	8500961061 sirigiri70@yah oo.co.in	Absent
3	Dr. M.A.Panneer → selvam	Professor & Dean Dept. of EEE, Tagore Engineering College, Chennai	Member Nominee of CAC	High Voltage Engineering	9003231499 s mapselvam@g mail.com	22/06/1
4	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power Engg.	9440931217 venumannam @gmail.com	Ow 22/6/
5	Mr. O.Kishore Babu	ADE, Dr.NTTPS, Ibrahimpatnam, Vijayawada	Member Industry representat- ive	Electrical and Electronics Engg.	9490294560 oggu1975@g mail.com	11-11-11-11-11-11-11-11-11-11-11-11-11-
. 6	Mr. G. Kaladhar	Alumni Post Graduate	Member Alumni	Power & Industrial Drives	8977284289 kaladhar1.mte ch@gmail.com	ZL.
7	Dr. V. Bala Krishna Reddy	Professor	Member	Power Systems	9346144413 vbkreddy12@ gmail.com	al room
8	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	9849649445 skmseee@gma il.com	Cu
9	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	9440742214 pdvskkishore @gmail.com	an
10	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	9505551561 sunnyjoybenny marry@gmail.	39
11	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	9618192878 ravikumar.pust ela@gmail.co m	P. Dung
12	Mr. A.Ramanjaneyulu	Assoc. Professor	Member	Power Electronics	9866216641 ramanjaneyulu alla@gmail.co m	Atu
13	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	9493927301 chandrasekhar. eee@gmail.co	Jan 1/10
14	Mr. G.Naga Raju	Assoc. Professor	Member	Power & July Industrial Drives	m 9908564424 nagaraj204@g mail.com	B. 4000 34/9/1/p.
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

22<sup>nd</sup> June, 2016

### Minutes of the 1st Board of studies Meeting held on 22nd June, 2016 at 2 p.m. in the EEE Seminar Hall

Dr.P.Lakshmanan, Chairman, Board of Studies chaired the meeting and welcomed all the members to the first Board of Studies meeting in the department of Electrical and Electronics Engineering. The chairman (BOS) briefed the profile of the Electrical and Electronics Engineering Department through his presentation. Further, the discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

#### MEMBERS PRESENT

		ja .	
1	Dr. P.Lakshmanan, Professor & Head, Dept.of EEE Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Chairman, BOS	And white
2.	Dr. S.Sivanagaraju, Professor, Dept.of EEE University College of Engineering, JNTUK, Kakinada	External Member (AC Nominee) (JNTUK, Kakinada)	Absol
3	Dr. M.A.Panneer selvam, Professor & Dean Dept. of EEE, Tagore Engineering College, Chennai	External Member (AC Nominee)	X 1.76
4	Dr.M.Venugopala Rao, Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	External Member (AC Nominee)	Qw 22/6/
5.	Mr. O.Kishore Babu, ADE, Dr.NTTPS, Ibrahimpatnam, Vijayawada	External Member (Industry representative)	V.11-11
6	Mr. G. Kaladhar, Assistant Professor, Dept of EEE, St.Ann's Engineering College, Chirala.	External Member (Alumni)	22/6/16.
8	Dr. V. Bala Krishna Reddy, Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	A. By A Wand

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9	Mr. Sk.Md. Shareef, Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	Stolie
10	Mr. P.D.V.S.K. Kishore, Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	22/6/16
11	Mr. J.Sunil Babu, Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	Bbsent
12	Mr. P.Ravi Kumar, Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	p Pany 22.06.16
13	Mr. A.Ramanjaneyulu, Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	22.08.11 22/6/ly
14	Mr. M.Chandra Sekhar, Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	Chan 22/6/16
15.	Mr. G.Naga Raju, Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	6-me 22/6/16

#### Resolutions:

#### ITEM NO.1

Discussed the B.Tech EEE 4 year course structure and list of subjects are finalised.

After detailed deliberations, the board expressed their satisfaction over the approved Course structure for 4 year B.Tech EEE course.

#### ITEM NO.2

Discussed the contents in Electrical circuits analysis-1 for I B. Tech II semester EEE

After the discussions, the BOS expressed their satisfaction and approved the syllabus for the Electrical circuits analysis-1 for I B.Tech II semester EEE.

#### ITEM NO.3

Discussed the contents in Electrical and IT workshop lab for I B.Tech II semester EEE

After the discussions, the BOS expressed their satisfaction and approved the syllabus for the Electrical and IT workshop lab for I B. Tech II semester EEE.

#### ITEM NO.4

Discussed the contents in Network Analysis for I B. Tech II semester ECE

After the discussions, the BOS expressed their satisfaction and approved the syllabus for the Network Analysis for I B. Tech II semester ECE.

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### ITEM NO.5

Discussed M.Tech PE&ED and P&ID porgrammes course structure and syllabus.

After the discussion, its suggested that M.Tech PE&ED and P&ID course structure should not be same, it has to be differentiated with the specilization. In M.Tech P&ID two courses has been introduced. One in I semester (Distributed generation and its impacts) and another one in II semester (Power System Deregulation). LTP for theory courses is 400 and for practical courses is 006. Credits for theory and practical courses is 3. Syllabus were approved by the BOS. The board expressed their satisfaction over the approved academic regulations made by the academic council for Narasaraopeta Engineering College(Autonomous).

Meeting concluded with thanks to the Chair

(Dr.P.Lakshmanan) Chairman BOS (EEE)

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## **R16 Regulation**

## 2<sup>nd</sup> BoS Meeting

For the approval of

B.Tech 2<sup>nd</sup> year Course Structure and Syllabus

Held on 19.05.2017

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#### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

It is to inform that the following faculty members are requested to attend the Electrical & Electronics Engineering Board of Studies meeting on 19-5-2017 at 11.00 AM in the EEE Seminar Hall.

S. No.	Name	Category	Designation	Specialization	Signature
1	Dr. P.Lakshmanan	Professor & HOD	Chairman	Power Systems	- trov
3	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	(gr
4	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	'0).
5	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	192
6	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	1.00
7	Mr. A.Ramanjaneyulu	Assoc. Professor	Member	Power Electronics	&m
8	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	chair
9	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	f-me

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date:19/05/2017

### AGENDA of BOS Meeting

- 1. To discuss II B.Tech I Semester & II Semester Electrical and Electronics Engineering branch subjects Syllabus.
- 2. To discuss the following other branch subjects syllabus handling by EEE faculty.
  - i) Electrical and Mechanical Technology

- II B. Tech I Sem ECE

ii) Networks & Electrical Technology Lab

- II B. Tech I Sem ECE

iii) Basic Electrical and Electronics Engineering

- II B.Tech I Sem ME

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The following members have attended BOS meeting of EEE department held on 19/5/2017 at Narasaraopeta Engineering College.

S. No.	Name	Category	Designation	Specialization	Signature
1.	Dr. P.Lakshmanan	Professor & HOD	Chairman	Power Systems	Adain
2.	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	8
3.	Dr. M.A.Panneer selvam	Professor & Dean Dept. of EEE, Tagore Engineering College, Chennai	Member Nominee of CAC	High Voltage Engineering	19/25/19/21/21/21/21/21/21/21/21/21/21/21/21/21/
4.	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power Engg.	Ju 19/5
5.	Mr. O.Kishore Babu	ADE, Dr.NTTPS, Ibrahimpatnam, Vijayawada	Member Industry representative	Electrical and Electronics Engg.	lly
5.	Mr. G. Kaladhar	Alumni Post Graduate	Member Alumni	Power & Industrial Drives	al-
	Dr. V. Bala Krishna Reddy	Professor	Member	Power Systems	Asser
• 38	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	6~
	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	'nD
0.	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	32
1.	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	8 Dans
2.	Mr. A.Ramanjaneyulu	Assoc. Professor	Member	Power Electronics	Obser
3.	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	6- Hours
	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	chair

14/12 BOS - Chairman

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#### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 19/05/2017

#### RESOLUTIONS MADE AT BOS MEETING

- 1. II B.Tech I Semester & II Semester Electrical and Electronics Engineering branch subjects Syllabus are discussed and finalized.
- 2. The following other branch subjects syllabus handling by EEE faculty are discussed and finalized.
  - i) Electrical and Mechanical Technology

- II B. Tech I Sem ECE

ii) Networks & Electrical Technology Lab

- II B. Tech I Sem ECE

iii) Basic Electrical and Electronics Engineering . - II B.Tech I Sem ME

Members Attended:

1. Dr.P.Lakshmanan

Dr.S.Sivanagaraju

3. Dr.M.A.Panneer Selvam

4. Dr.M. Venugopala Rao

5. Mr.O.Kishore Babu -

6. Mr.G.Kaladhar

7. Mr.Sk.Md.Shareef

8. Mr.P.D.V.S.K.Kishore

9. Mr.J.Sunil Babu — JE

10. Mr.P.Ravi Kumar

11. Mr.G. Naga Raju — ON

12. Mr.M.Chandra Sekhar - char

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## **R16 Regulation**

## 3rd BoS Meeting

For the approval of

B.Tech 3<sup>rd</sup> and 4<sup>th</sup> year Course Structure and Syllabus

Held on 06.04.2018

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06.04.2018

### Agenda of BOS meeting

1. To discuss 3<sup>rd</sup> and 4<sup>th</sup> B.Tech I<sup>st</sup> and II<sup>nd</sup> Semester Electrical and Electronics branch subjects Syllabi.

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#### Resolutions made at BOS meeting

1. 3<sup>rd</sup> and 4<sup>th</sup> B.Tech I<sup>st</sup> and II<sup>nd</sup> Semester Electrical and Electronics branch Course Structure is discussed and Finalized.

2. 3<sup>rd</sup> B.Tech I<sup>st</sup> and II<sup>nd</sup> Semester Electrical and Electronics branch subjects Syllabi is discussed and Finalized.

Dr.P.Lakshmanan

Dr.S.Siva Naga Raju

Dr.M.Venu Gopala Rao

Mr.G.Kaladhar

Mr.Sk.Md.Shareef

Mr.P.D.V.S.K.Kishore

Mr.J.Sunil Babu

Mr.G.Nagaraju

Mr.P.Ravi Kumar -

Mr.B.Praveen Kumar

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The following members have attended 3<sup>rd</sup> BOS meeting for the approval of 3<sup>rd</sup> and 4<sup>th</sup> year B.Tech autonomous syllabus of EEE department held on 06.04.2018 at Narasaraopeta Engineering College.

	S. No.	Name	. Category	Designation		
.	110.			Designation	n specialization	Signature
	1	Dr. P.Lakshmanan	Professor & HOD	Chairman	Power Systems	Asterialis
	2	Dr. V. Bala Krishna Reddy	Professor	Member	Power Systems	
	3	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	88
	4	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power Engg.	Qu
5		Dr. M.A.Panneer selvam	Professor & Dean Dept. of EEE, Tagore Engineering College, Chennai	Member Nominee of CAC	High Voltage Engineering	Absent
6	1	Mr. O.Kishore Babu	ADE, Dr.NTTPS, Ibrahimpatnam , Vijayawada	Member Industry representat- ive	Electrical and Electronics Engg.	Absent
7	N	Mr. G. Kaladhar	Alumni Post Graduate	Member Alumni	Power & Industrial Drives	gl-13
8	N	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	\$
9	M	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	60
10	M	fr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	20
11	M	fr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	n DA
12	M	fr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	Absent
13	M	Ir. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	6- Marco
14	M	r.B.Praveen Kumar	Asst.Professor	Member MARAGARA	Power Systems	

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## **R16 Regulation**

4th BoS Meeting

For the approval of

B.Tech 4th year Course Structure and Syllabus

Held on 08.05.2018

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## NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPET (AUTONOMOUS)

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 08.05.2018

#### Agenda of 4th BOS meeting

1. To discuss 4<sup>th</sup> B.Tech I<sup>st</sup> and II<sup>nd</sup> Semester Electrical and Electronics branch subjects Syllabi.



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## NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPET (AUTONOMOUS)

#### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The following members have attended 4<sup>th</sup> BOS meeting for the approval of 4<sup>th</sup> year B.Tech autonomous syllabus of EEE department held on 08.05.2018 at Narasaraopeta Engineering College.

	T	·			
S. No.	Name	Category	Designation	specialization	Signature
1	Dr. P.Lakshmanan	Professor & HOD	Chairman	Power Systems	
2	Dr. V. Bala Krishna Reddy	Professor	Member	Power Systems	A68ent
3	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	887
4	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power- Engg.	Ju A Stur
5	Dr. M.A.Panneer selvam	Professor & Dean Dept. of EEE, Tagore Engineering College, Chennai	Member Nominee of CAC	High Voltage Engineering	Absent
6	Mr. O.Kishore Babu	ADE, Dr.NTTPS, Ibrahimpatnam , Vijayawada	Member Industry representat- ive	Electrical and Electronics Engg.	Absent
7	Mr. G. Kaladhar	Alumni Post Graduate	Member Alumni	Power & Industrial Drives	D-6
8	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	K
9	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	00
10	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	70
11	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	n Dun
12	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	Absent
13	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	6 mi
14	Mr.B.Praveen Kumar	Asst.Professor	Member	Power Electronics	R. Den Jen

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## NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPET (AUTONOMOUS)

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 08.05.2018

#### Resolutions made at 4th BOS meeting

1. 4<sup>th</sup> B.Tech I<sup>st</sup> and II<sup>nd</sup> Semester Electrical and Electronics branch subjects Syllabi is discussed and Finalized.

Dr.P.Lakshmanan

Dr.S.Siva Naga Raju

Dr.M.Venu Gopala Rao

Mr.G.Kaladhar

Mr.Sk.Md.Shareef

Mr.P.D.V.S.K.Kishore

Mr.J.Sunil Babu \_

Mr.G.Nagaraju

Mr.P.Ravi Kumar

Mr.B.Praveen Kumar

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## **R19 Regulation**

## 5th BoS Meeting

For the approval of

B.Tech 1st year and 2nd year Course Structure and Syllabus

Held on 20.07.2019

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The following original documents are submitted to Exam cell(Autonomous) from the department of EEE after getting approval from BoS Meeting held on 20<sup>th</sup> Julu-2019.

### B.Tech R19 Regulation

- 1. BoS Members attendance Sheet
- 2. BoS Agenda Sheet.
- 3. Resolutions made at BoS (2-Sheets)
- 4. Course Structure (3-Sheets)
- 5. B. Tech Syllabus (12-sheets).

### M.Tech R19 Regulation

- 1. Resolutions made at BoS Meeting (2-Sheets)
- 2. Course Structure (2-Sheets)
- 3. M. Tech Syllabus (22-Sheets).

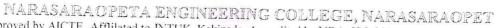
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E - mail: nrtec\_eee@vahoo.com, & hod.eee@nrtenggcollege.com Website: http://www.nrtenggcollege.com DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The following members have attended 1st BoS meeting for the approval of Regulation R19 1st and 2nd year B.Tech and M.Tech Autonomous Syllabus of EEE department held on 20 07.2019

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S. No	Mama	Category	Designation	specialization	Signature
1	Dr.P.Lakshmanan	Professor & HOD	Chairman	Power Systems	nd 8 kg
2	Dr.S.Sivanagaraju	Professor Dept. of EEE UCE, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	
3	Dr.Ch.Chengaiah	Professor, Dept. of EEE S V University, Tirupathi	Member Nominee of CAC	Power Systems	ang V
4	Dr.I.Satish Kumar	Asst. Professor, National Institute of Technology, Warangal	Member Nominee of CAC	Power Systems	James Johnson
5	Mr.S.Selvakumar	Power System Engineer, ABB Global Industries Ltd Chennai	Member Industry representative	Power Systems	5.5 July 207.19
6	Mr.A.Narasimha	Manager, BEML, Bengaluru	Member Alumni	EEE	Abreal-
7	Mr.Sk.Md.Shareef	Assoc. Professor	Member	Power & Industrial Drives	( Jan 19
8	Mr.P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	20119
9	Mr.J.Sunil Babu	Assoc. Professor	Member	Power Systems	JC 20.718
10	Mr.M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	Chave Chave

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## NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET (AUTONOMOUS)





### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

20.07.2019

### Resolutions made at BOS meeting

- 1. 1<sup>st</sup> and 2<sup>nd</sup> B.Tech I<sup>st</sup> and II<sup>nd</sup> Semester Electrical and Electronics branch of R19 regulations Course Structure is discussed and Finalized.
- 2. 1<sup>st</sup> and 2<sup>nd</sup> B.Tech I<sup>st</sup> and II<sup>nd</sup> Semester Electrical and Electronics branch of R19 regulations subjects Syllabi is discussed and Finalized.
- 3. Network Analysis of I B.Tech II Semester ECE and Basic Electrical and Electronics Engineering of I B.Tech II Semester ME and CE Theory Subjects Syllabi is discussed and Finalized.

#### I B.Tech I Semester

- 4. Problem Solving with Python subject replaced with C Programming subject.
- 5. Python lab replaced with C Programming Lab.
- 6. Fundamentals of Electrical & Electronics Engineering subject is replaced with Basics in Mechanical & Civil Engineering.
- 7. Electrical & Electronics engineering lab is replaced with IT Workshop.

### I B.Tech II Semester

- 8. Electrical Circuit analysis subject is replaced with Electrical Circuit analysis I.
- 9. IT workshop lab & Electrical Circuit analysis lab Power Generation Economic aspects.
- 10. Electrical Circuit analysis lab is moved to II B.Tech I Semester.

#### II B.Tech I Semester

- 11. Power Generation Economic aspects is replaced with Electrical Circuit analysis II.
- 12. Electrical Machines I lab is moved to II B. Tech II Semester.

#### II B.Tech II Semester

- 13. IoT is moved to III B.Tech II Semester.
- 14. IoT is replaced with Python Lab.

1. Dr.P.Lakshmanan

2. Dr.S.Sivanagaraju

3. Dr.Ch.Chengaiah

4. Dr.I.Satish Kumar

5. Mr.S.Selvakumar

Mr.Sk.Md.Shareef

7. Mr.P.D.V.S.K. Kishore

8. Mr.J.Sunil Babu

9. Mr.M.Chandra Sekhar

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

20<sup>th</sup> July, 2019

## 1st BOARD OF STUDIES (BOS) MEETING ON 20-07-2019

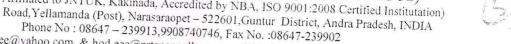
### AGENDA

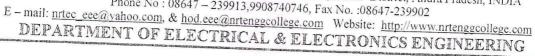
- 1. Welcome by the Chairman
- 2. Discussion on B.Tech. (Electrical and Electronics Engineering) Course Structure
- 3. Discussion on Syllabus of I B. Tech. and II B. Tech.
- 4. Discussion on Syllabus for the subjects offered by EEE department to other departments
- 5. Discussion on M.Tech. Power and Industrial Drives(P&ID) Course Structure and Syllabus
- 6. General suggestions by members
- 7. Vote of thanks

Chairman, BOS (Dr. P.Lakshmanan)

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Phone No: 08647 – 239913,9908740746, Fax No: :08647-239902





Date: 20-07-2019

## Resolutions made at BOS meeting

- 1. 1<sup>st</sup> and 2<sup>nd</sup> B.Tech 1<sup>st</sup> and 2<sup>nd</sup> Semester Electrical & Electronics Engineering Branch course structure is discussed and finalized.
- 2. 1<sup>st</sup> and 2<sup>nd</sup> B.Tech 1<sup>st</sup> and 2<sup>nd</sup> Semester Electrical & Electronics Engineering Branch subjects syllabi is discussed and finalized.

S.No.	0 T O V	
3.140.	Name	Signature
1	Dr.P.Lakshmanan	Zolatis
2	Dr.S.Sivanagaraju	20/7/1
3	Dr.Ch.Chengaiah	Quan 30/1/19
4	Dr.I.Satish Kumar	Janual Kumarl
5	Mr.S.Selvakumar	S.SD/va 20/07/19
6	Mr.A.Narasimha	Absent
7	Mr.Sk.Md.Shareef	Caphia
8	Mr.P.D.V.S.K. Kishore	000 2017/19
9	Mr.J.Sunil Babu	Je 20.7.18
10	Mr.M.Chandra Sekhar	Chare



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## **R20 Regulation**

## 6th BoS Meeting

For the approval of

B.Tech 1st and 2nd year Course Structure and Syllabus

Held on 26.12.2020

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 26-12-2020

### Agenda of BOS meeting

- 1. To discuss B.Tech.(EEE) Course Structure and 1st and 2nd B.Tech EEE Syllabus.
- 2. To discuss I B.Tech. II Sem. Subjects Network Analysis (ECE) and Elements of Electrical and Electronics Engineering Theory and Lab (M.E. & C.E.) Syllabus.

Dr.P.LAKSHMANAN

Dr.S.SIVANAGARAJU

Dr.C.CHENGAIAH

Dr.I.SATISH KUMAR

Dr.S.SELVA KUMAR

CHAIRMAN
BOS - EEE Dept.
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NARASARAOPET - 522 601.
Guntur (Dist.), A.P.

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P.D.V.S.K.KISHORF

- J.SUNIL BABU

M.CHANDRA SEKHAR

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Principal NARASARADPETA ENGINEERING COULAGE (AUTONOMOUS) NARASARAOPET - 522 601.

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The following members have attended 5th BoS meeting for the approval of Regulation R20 1st and 2nd year B.Tech Autonomous Syllabus of EEE department held on 2612.2020

S.	Nama			مد	
No	Name	Category	Designation	specialization	Signature
1	Dr.P.Lakshmanan	Professor & HOD	Chairman	Power Systems	
2	Dr.S.Sivanagaraju	Professor Dept. of EEE UCE, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	280
3	Dr.Ch.Chengaiah	Professor, Dept. of EEE S V University, Tirupathi	Member Nominee of CAC	Power Systems	NOTICE TO SERVICE TO S
4	Dr.I.Satish Kumar	Asst. Professor, National Institute of Technology, Warangal	Member Nominee of CAC	Power Systems	11242
5	Mr.S.Selvakumar	Power System Engineer, ABB Global Industries Ltd Chennai	Member Industry representative	Power Systems	5.50/Va
6	Mr.A.Narasimha	Manager, BEML, Bengaluru	Member Alumni	EEE	Absent
7	Mr.Sk.Md.Shareef	Assoc. Professor	Member	Power & Industrial Drives	8
8	Mr.P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	<b>D</b> .
9	Mr.J.Sunil Babu	Assoc. Professor	Member	Power Systems	353
10	Mr.M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	Orane



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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 26-12-2020

Resolutions made at BOS meeting

- 1. B.Tech. Electrical and Electronics branch 1<sup>st</sup> and 2<sup>nd</sup> B.Tech. Course Structure and Syllabus is discussed and finalized.
- 2. I B.Tech. I Sem. Proposed Subjects Engineering Chemistry & Engineering Chemistry Lab is excluded and Basics in Mechanical and Civil Engineering & Basics in Mechanical and Civil Engineering Lab is included. Basic Electrical Engineering is excluded and Engineering Drawing and Design is included.
- 3. I B.Tech II Sem. Proposed Subjects Basics in Mechanical and Civil Engineering is excluded and Data Structures using C is included. Engineering workshop Practice is excluded and Data Structures using C Lab is included.
- 4. I B.Tech II Sem. Proposed Subject Engineering Drawing is excluded and Electrical Circuit Analysis-I is included.
- 5. II B.Tech I Sem. Proposed Subject Electrical Circuit Analysis is changed as Electrical Circuit Analysis-II.
- 6. II B.Tech II Sem. Proposed Subjects Problem Solving using Python & Problem Solving using Python Lab are excluded and Control Systems & Control Systems Lab are included.
- 7. I B.Tech. II Sem. Subjects Network Analysis (ECE) and Elements of Electrical and Electronics Engineering Theory and Lab (M.E. & C.E.) Syllabus is discussed and finalized.

Dr.P.LAKSHMANAN CHAIRMAN

BoS - EEE Dept.

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Dr.C.CHENGAIAH

Dr.I.SATISH KUMAR

Dr.S.SELVA KUMAR

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## **R19 Regulation**

## 7th BoS Meeting

For the approval of

B.Tech 3rd and 4th year Course Structure and Syllabus

Held on 27.02.2021

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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 27-02-2021

### Agenda of BOS meeting

1. To discuss R19 3rd and 4th B.Tech EEE Course Structure and Syllabus.

(Dr.P. Lakshmanan) Chairman-BoS

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The following members have attended  $6^{th}$  BoS meeting for the approval of Regulation R19  $3^{rd}$  and  $4^{th}$  B.Tech Autonomous Course Structure and Syllabus of EEE department held on  $27\cdot02.2021$ 

S. No	Non-	Category	Designation	specialization	Signature
1	Dr.P.Lakshmanan	Professor & HOD	Chairman	1	CHAIRMAN BOS - EEE Dept. RASARAOPETA ENGINEERING COLL (AUTONOMOUS) NARASARAOPET - 522 301
2	Dr.S.Sivanagaraju	Professor Dept. of EEE UCE, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	Guntur (Dist.), A.P.
3	Dr.Ch.Chengaiah	Professor, Dept. of EEE S V University, Tirupathi	Member Nominee of CAC	Power Systems	
4	Dr.I.Satish Kumar	Asst. Professor, National Institute of Technology, Warangal	Member Nominee of CAC	Power Systems	Total)
5	Mr.S.Selvakumar	Power System Engineer, ABB Global Industries Ltd Chennai	Member Industry representati ve	Power Systems	5.5 <u>0</u> /Va
6	Mr.A.Narasimha	Manager, BEML, Bengaluru	Member Alumni	EEE	Abrent
7	Mr.Sk.Md.Shareef	Assoc. Professor	Member	Power & Industrial Drives	
)	Mr.P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	00
_	Mr.J.Sunil Babu	Assoc. Professor	Member	Power Systems	59
	Mr.M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	chare



Principal NARASARAOPETA EMGINEERINGSA (AUTONOMOUS)

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 27-02-2021

### Resolutions made at BOS meeting

- 1. B.Tech. Electrical and Electronics branch 3<sup>rd</sup> and 4<sup>th</sup> B.Tech. Course Structure and Syllabus is discussed and finalized.
- 2. Open Elective Subjects are after the Professional Elective Subjects in Course Structure
- 3. III B.Tech. I Sem. in Open Elective-II Data Structures Course to be included.
- 4. III B.Tech I Sem in Power Electronics syllabus bidirectional converters topic to be included in Unit-V.
- 5. III B.Tech I Sem Proposed Subject Transmission & Distribution title can be changed as Electrical Transmission and content of Unit-V is excluded and in place of that Electrical Transients & Waves can be included.
- 6. III B.Tech I Sem Proposed Subject Measurements & Instrumentation Title modified as Electrical Measurements. Contents of Proposed Units II, III can be divided into three units Unit II, III & IV. Proposed Unit-IV can be modified as Unit-V. Contents of Proposed Unit-V is excluded.
- 7. III B.Tech. II Sem. In Open Elective-III, OOPS through JAVA course can be included.
- 8. III B. Tech. II Sem Proposed MOOCS modified as MOOCS/SWAYAM.
- 9. IV B.Tech I Sem Proposed subject Switchgear & Protection Syllabus is modified. The content in Unit-II static over current relays and static distance relays is excluded.
- 10. IV B.Tech I Sem Proposed subject Power System Operation and Control syllabus modified as like R16 Syllabus.
- 11. IV B.Tech II Sem Proposed subject Utilization of Electrical Energy Syllabus is modified. The Unit-I is Illumination, Unit-II is Electric Heating and Unit-III is Electric Welding.

Dr.P.LAKSHMANAN

CHAIRMAN

BoS - EEE Dept. ARASARAOPETA ENGINEERING COLLEGE

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Guntur (Dist.), A.F.

VANAGARAJU

Dr.C.CHENGAIAH

Dr.I.SATISH KUMAR

Dr.S.SELVA KUMAR

SK.MD.SHAREEF

M.CHANDRA SEKHAR

NARASARAOPET - 522 601. Guntur (Dist.), A.P.



## NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET

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E-mail: prtec mech@yahoo.com, Website: http://www.nrtenggcollege.com

### DEPARTMENT OF MECHANICAL ENGINEERING

22<sup>nd</sup> June, 2016.

## Minutes of the 1<sup>st</sup> Board of studies Meeting held on 22<sup>nd</sup> Jøne, 2016 at 2:30 p.m in the Dept of Mechanical Engg A/C Seminar Hall

Dr.D.Suneel Chairman, Board of Studies chaired the meeting and welcomed all the members to the first Board of Studies meeting in the department of Mechanical Engineering. The chairman (BOS) briefed the profile of the Mechanical Engineering Department through his presentation. Further, the discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

### MEMBERS PRESENT

1	Dr.D.Suneel Professor & Head, Dept of Mech Engg Narasaraopeta Engineering College, Narasaraopet.	Chairman, BOS	
2*	Dr.D.Jagadish Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member	
3	A.Chandra Mouli Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member	
4	P.Suresh Babu Assoc.Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member	
5	k.krishna Kishore Assoc.Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member	t#:
6	Ch.Sekhar Assoc.Professor Narasaraopeta Engineering College,	Internal Member	
	Narasaraopet //	Prince	

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·		
7	Dr.G.Bhanu Kiran Asst.Prof. Dept of ME, IIIT- Idupula Paya,	Member Nominee of Academic Council
8	YSR Kadapa Dr. Ch.R.Vikram Kumar Professor, Dept. of ME, NBKR Inst of Science & Technology, Vidyanagar, Nellore(Dist)-524 413	Member Nominee of Academic Council
9	Dr.V.V.Subba rao Professor,Dept.of ME COE, JNTUK, Kakinada-533 003	Member JNTUK Nominee
10	A.Pavan Kumar Asst.Prof. Dept of ME Narasaraopeta Institute of Technology Narasaraopet	Member . Alumni Post Graduate
11		Member Nominee of Academic Council
1:	Dr.J.V.L.Venkatesh Professor &Head. Dept of ME SGGS College of Engineering & Technology	Special Guest

### ITEM NO.1

Discussion on the approved academic regulations and amendments made by the Joint Board of Studies, Narasaraopeta Engineering College. (Autonomous)

After detailed deliberations, the board expressed their satisfaction over the approved academic regulations and amendments made by the governing body and academic council for Narasaraopeta Engineering Narasaraopet.

#### ITEM NO.2

Course Structure and Syllabus for I Year of Department of ME

Board Members apporved the Course Structure and Syllubus for I B.Tech(ME), I & II Semester. The members of BOS felt that deliberate discussions or changes if any required may be submitted for discussion in next academic council or governing body meeting. The following points have been stuggested by the BOS.

> Advanced Engineering Mathematics to be changed to Engineering Mathematics (suggested by joint BOS also)

First year syllabus should be made common for all branches

AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

#### ITEM NO.3

Syllabus of coursed offered by Dept of ME to other Depts in First Year

Engineering Mechanics, Engineering Drawing and Engineering Work Shop are offered to Civil and Engineering Dept and Engineering Graphics is offered to ECE, EEE and CSE Depts. Syllubus for the above subjects are approved.

#### ITEM NO.4

Course structure for II, III & IV B.Tech., Mechanical Engineering of NEC (Autonomous)

The chairman BOS, Dr.D.Suneel presented proposed course structure for II, III & IV B.Tech(ME) of Odd and Even semesters, scheme of instruction, marks, credits and elective subjects. The following points have been suggested by the BOS members.

- > Machine Drawing of II-I can be changed to Machine Drawing using CAD (50% theory, 50% Lab with internal evaluation)
- Mechanical Vibration of III-I can be modified as Machine Dynamics & Vibrations (which includes 2 Units from Vibrations subject and the left out topis as a result of merging KOM & DOM into TOM)
- > Hydraulics and Pnuematic Systems II-II can be changed to Hydraulics and Pnuematics
- Mechatronics of III-I shoud be moved to IV-II, and Operations Research of IV-II moved to III-I (Interchanged)
  - > Modern Manufacturing processes of IV-I can be changed as Advanced Manufacturing Processess
  - > In Elective -III Design specialization subject must be added, like Advanced Mechanics of Solids
  - In IV-II there can be equal credits option for 3 subjects+Project work (or)
     Complete Project (followed in Pulla Reddy Engineering College).
     (Suggestion to be forwarded for aproval by common BOS)
  - > PPC of Elective -5 can be moved to Elective-3 and OPC of Elective-3 can be moved to Elective-5. OPC can be named as OM
  - Catergorization of open electives should take palce (If a mechanical engineering student opts for CSE open electives-1,2&3, he has to obtain minor degree. Keeping in view of this, Open electives may be refragned).

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TEM NO.5

## Course Structure and Syllabi for M.Tech (Machine Design) and M.Tech (Thermal Engineering)

The chairman BOS, Dr.D.Suneel presented proposed course structure and syllabi of I and II M.Tech (Machine Desing) & M.Tech (Thermal Engineering) of Odd and Even semesters, scheme of instruction, marks, credits and elective subjects. No Changes are proposed by members.

#### ITEM NO.4

#### **General Comments**

The members of the BOS authorised the chairman BOS to effect any minor changes if any in syllabl and later the same may be intimated to the members of the BOS.

Meeting concluded with thanks to the Chair

Dr.D.Suneel Chairman

BOS (ME)

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## ignatures of the Members of Board of Studies

.No.	TNE	ame	15	Signature
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1	D	r.D.Suneel		. (1)
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3	+	A.Chandra Mouli		Amor
4	1	P.Suresh Babu		ware
<u> </u>	5	k.krishna Kishore		K.K.
-	6	Ch.Sekhar	<u>.                                    </u>	J. War
	7	Dr.G.Bhanu Kiran		h was
	8	Dr. Ch.R.Vikram Kumar	·	Absent
	9	Dr.V.V.Subba rao		
	10	A.Pavan Kumar		Memor
+	11	Dr.S.Siva Naga Malleswara Rao		Ent.
40	12	Dr.J.V.L.Venkatesh	. •	Will

Principal

NARASARASPETA ENGINEERING CONFE

(AUTONOMOUS)

NARASARASPET - 522 601.

Guntur (Dist.), A.P.



### NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET

(Autonomous)

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Kotuppnkooda Road, Yellamanda (Post), Narasaraopet - 522601, Guntur district, Andhra Pradesh
Phone No.: 08647-239923, 9441895535, Fax No.: 08647-239902

I -mail: price mech@yahoo.com, Website: http://www.urtenggcollege.com

### DEPARTMENT OF MECHANICAL ENGINEERING

20th May, 2017.

## Minutes of the 2<sup>nd</sup> Board of studies Meeting held on 20<sup>th</sup> May, 2017 at 10:30 a.m. in the Dept of Mechanical Engg A/C Seminar Hall

Dr.D.Jagadish Chairman, Board of Studies chaired the meeting and welcomed all the members to the second Board of Studies meeting in the department of Mechanical Engineering. The chairman (BOS) briefed the profile of the Mechanical Engineering Department through his presentation. Further, the discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

#### MEMBERS PRESENT

1	Dr.D.Jagadish	
	Professor & Head, Dept of Mech Engg Narasaraopeta Engineering College, Narasaraopet.	Chairman, BOS
2.	Dr.D.Suneel Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member
3	Dr.S.B.Venkata Siva Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member
4	P.Suresh Babu Assoc.Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member
5	k.krishna Kishore Assoc.Professor Narasaraopeta Englneering College, Narasaraopet.	Internal Member
	Ch.Sekhar Assoc.Professor Narasaraopeta Engineering College, Narasaraopet	Internal Member

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7	U.G.Bhani Ki	
8	Asst.Prof. Dept of ME, IIIT- Idupula Paya, YSR Kadapa Dr. Ch.R.Vikram Kumar	Member Nominee of Academic Council
9	NBKR Inst of Science & Technology, Vidyanagar, Nellore(Dist)-524 413	Member Nominee of Academic Council
10	Professor, Dept. of ME COE, JNTUK, Kakinada-533 003	Member JNTUK Nominee
	Asst.Prof. Dept of ME Narasaraopeta Institute of Technology Narasaraopet	. Member Alumni Post Graduate
11	Dr.S.Sivanaga Malleswara Rao CIBER SITES INDIA Pvt Ltd.	Member Nominee of Academic Council
	Dr.J.V.L.Venkatesh Ex.Professor, Dept of ME SGGS College of Engineering & Technology	Special Guest

- 1. In II/I, Mechanics of solids in unit-1 types of loads to be added and sequence of the unit-1. In Unit-3 theories of bending is to be introduced. In unit-6 additions can be made like eccentric loading, initial curvature loading. Removal of references to be considered, adding of text books of authors Beer and Johnson, M.Gere and Rajput to be considered.
- Modifications in Unit-6 of MSM as seperation of cermanics and composites as discussed. Inclusion of furnace topics from Manufacutring Technology to MSM.
- 3. In thermodynamics replacement of concept of exergy into introdction of exergy.
- 4. In M&MoS lab addition of 3 point bending test and unsymmetrical bending test and specimen prepartion and characterization, brittle and ductile materials for tensile tests can be consdiered based on availability.
- 5. The subject of Theory of Machines can be changed as theory of mahcines1, and machine dynamics and vibrations can be titled as theory of machines-2. In TOM-1 in unit-1 inclusion of mechanisms with lower pairs

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can be considered. Flywheel topics can be added to unit-V. In unit-6 in the place of balancing, gears and gear trains has been suggested.

- 6. Unit-6 of applied thermodynamics, dynamic compressors can be named as rotary compresors.
- 7. Addtion of topics like introduction to piping and its softwares in the last unit of hydraulic machinery and pneumatic systems.
- 8. Production technology subject can be renamed as Manufacturing Technology, and the same can be considered for change of PT lab to MT lab.
- 9. Unit-6 of MT can be removed (these concepts can be added to MT lab.) and unit-5 can be made as two units with inclusion of forging concepts. Removal of moulding tools and equipment from unit-1 is to be considered (these concepts can be added to MT lab.)
- 10. The experiments determination of flash point, fire point and viscosity and calorific values should be added to applied thermodynamics lab.
- 11. The experiments sand testing (sleve shaker, green strength, dry strength, permeability), welding (TIG) may be included in the MT lab.
- 12.Experiments on Pnematics (trainer kit) can be considered in the FMHM lab.
- 13.In unit-1 of MD using CAD, adding of limits, fits and tolerances can be considered.
- 14.In the subject E&MT (for II ECE), the topics 1.joining process 2. Heat transfer, 3. Power transmisison can be framed as 4,5 and 6 units.

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## General Comments

The members of the BOS authorised the chairman BOS to effect any minor changes if any in syllabi and later the same may be intimated to the members of the BOS.

### Members of BoS

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### NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPET

(Autonomous)

# Dept. of Mechanical Engineering 3<sup>rd</sup> BOARD OF STUDIES MEETING AGENDA

- 1. Discussion on minutes of 2<sup>nd</sup> BOS.
- 2. Approval of 3<sup>rd</sup> year syllabus
- 3. Approval of 4th year syllabus
- 4. Equivalent subjects for re-joined students (R13 –R16)

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### NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET

(Autonomous)

(Approved by AICTE, Affiliated to JNTUK, Kakinada, Accordited by NBA&NAAC, ISO 9001: 2008 Certified Institution)
Kotappakonda Road, Vellamanda (Post), Nacasaraupet – 522601, Guntur district, Andlira Pradesh
Phone No.: 08647-239923, 9441895535, Fax No.: 08647-239902
F-mail: mree\_mech.g.yahoo.com, Website: http://www.nrtenggcollege.com

### DEPARTMENT OF MECHANICAL ENGINEERING

28/04/2018

Minutes of the 3<sup>rd</sup> Board of Studies meeting held on 28<sup>th</sup> April 2018 at 10:30 AM in the department of Mechanical Engineering Seminar Hall

Dr.D.Jagadish, chairman BoS chaired the meeting and welcomed all the members to the third BoS meeting in the department of mechanical engineering. The chairman BoS briefed the 3<sup>rd</sup> year and 4<sup>th</sup> year syllabus of B.Tech (Mechanical Engineering) through his presentation further discussion on the items mentioned in the BoS meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BoS members.

#### Members:

1	Dr.D.Jagadish Professor & Head, Dept of Mech Engg Narasaraopeta Engineering College, Narasaraopet.	Chairman, BOS
2	Dr.M.Sreenivasa Kumar Professor & Principal Narasaraopeta Engineering College, Narasaraopet.	Internal Member
3	Dr.D.Suneel Professor, Dean Academics Narasaraopeta Engineering College, Narasaraopet.	Internal Member
4	Dr.S.B.Venkata Siva Professor Narasaraopeta Engineering College, Narasaraopet.	Internal Member
5	Dr.V.V.Subba rao Professor,Dept.of ME Registrar, JNTUK, Kakinada-533 003	Member JNTUK Nominee

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6	P.Suresh Babu Assoc Professor	
	Narasaraopeta I ngineering College. Narasaraopet.	Internal Member
7	Ch.Sekhar Assoc.Professor Narasaraopeta Engineering College, Narasaraopet	Internal Member
8	Dr.G.Bhanu Kiran Asst.Prof. Dept of ME, IIIT- Idupula Paya, YSR Kadapa	Member Nominee of Academic Council
9	Dr. Ch.R.Vikram Kumar Professor,Dept.of ME, NBKR Inst of Science & Technology, Vidyanagar, Nellore(Dist)-524 413	Member Nominee of Academic Council
10	Dr.S.Sivanaga Malleswara Rao VENSAI Technologies, Hyderabad	Member Nominee of Academic Council
11	Dr.J.V.L.Venkatesh Ex.Professor, Dept of ME SGGS College of Engineering & Technology	Special Guest
12	A.Pavan Kumar Asst.Prof. Dept of ME Narasaraopeta Institute of Technology Narasaraopet	Member Alumni Post Graduate

- 2. to be indicated, list of the industries need to be mentioned to carryout internship/training.
- 3. Subject name of Theory of machines- I has to be changed to Theory of machines.
- 4. Mention that the 'Design Data hand book is not allowed' for the Principles of machine design subject.
- 5. In the elements of mechanical engineering Unit V (Electrical Hazards-First aid and safety) should be replaced with Modern materials and Sensors.
- 6. In material science subject, unit VI (Shape memory alloy) should be replaced with functionally graded materials.
- 7. Encouragement to the students should be given to design a new experiment in the labs.
- 8. In machine tools and machine dynamics lab. Indication of part-A as Machine tools and Part-B as machine dynamics lab. can be considered.
- 9. For external lab. evaluation procedure must be framed.
- 10. In the subject Metrology and Instrumentation omit stress in Unit VI and indicate only Strain measurement.
- 11. In Automobile engineering subject the topics 'automatic transmission system' in unit III, 'Lightweight materials' in Unit VI can be added.

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- 12. Addition of Virtual lab, experiments in Heat power engineering lab, and in other labs also can be considered.
- 13. Please include some Innovative Experiments like temperature measurement etc. in the labs.
- 14. The inclusion of Energy Audits concepts can be considered in unit-VI of Power plant engineering.
- 15. In the subject Advanced Mechanics of Solids the concept of 'Theory of Elasticity' and fundamentals of Stress, Strain can be included in Unit-I. Unit-II should be replaced with previous Unit-I. In the Unit-VI 'failure theories' to be added.
- 16. Inclusion of one assignment in air conditioning calculations with practical models. Projects on design of air conditioning should be considered.
- 17. In the subject of Condition Monitoring merger of Unit-V &VI, add Case studies on condition monitoring can be included in Unit-VI. The textbook of Ramamurthy can be referred for Unit-VI
- 18. Inclusion of Reliability introduction in Industrial Engineering and Cost Estimation.

#### General Comments

The members of the BoS authorized the chairman BoS to effect any minor changes if any in syllabi and later the same may be intimated to the members of the BoS.

S.No.	Name	Signature
1	Dr.D.Jagadish	QV
2	Dr.M.Sreenivasa Kumar	10
3	Dr.D.Suneel	(M)
4	Dr.S.B.Venkata Siva	W.
5	Dr.V.V.Subba rao	LAN
6	P.Suresh Babu	chy
7	Ch.Sekhar	Jn. 18
8	Dr.G.Bhanu Kiran	Jr. P. Bhrein Absent
9	Dr. Ch.R.Vikram Kumar	Absent
10	Dr.S.Sivanaga Malleswara Rao	0
11	Dr.J.V.L.Venkatesh	Absent.
12	A.Pavan Kumar	Allon

Principal

NARASARAOPETA ENGINEERING COURCE

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## DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of the 1<sup>8</sup> Board of studies Meeting held on 20<sup>th</sup> July, 2019 at 10:00 a.m in the Dept of Mechanical Engg CAD/CAM LAB

Dr.D.Suneel, Chairman-Board of Studies chaired the meeting and welcomed all the members to the first Board of Studies meeting (R19) in the department of Mechanical Engineering. The chairman (BOS) presented B.Tech 4 year course structure along with syllabus (First and Second year). Also presented M.Tech (two years) course structure, syllabus for Machine Design and Thermal Engineering specialization for approval. Further, the discussion on the items mentioned in the BOS meeting agenda was taken up and the following resolutions mentioned by the external and internal BOS members.

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S.No	Name	Category	Designation	E-Mail id & Mobile No	Signature
1.	Dr.D.Suneel	Professor & HOD	Chairman	Mobile No: 9441895535 E-Mail UGCNANO@gmail.com	(Market )
2.	Dr.A.Gopala Krishna	Professor	JNTUK Nominee	Mobile No: 8008652555 E-Mail dr.a.gopalakrishna @gmail.com	J. LA
3.	Dr.M.Sreenivasa Kumar	Principal .	Member (Internal Subject Expert)	Mobile No: 9440757039 E-Mail principal@nrtec.ac.in	My
4.	Dr.D.Jagadish	Professor	Member (Internal Subject Expert	Mobile No: 9885419504 E-Mail djagadish.009@gmail.com	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
5.	Dr. S. B. Venkata Siva	Professor	Member (Internal Subject Expert)	Mobile No: 9692464540 E-Mail venkatasivanec@gmail.com	M
6.	Dr.Y.Ravi Kumar	Assoc.Professor	Subject Expert	Mobile No: 9440868867 E-Mail raviykumar@yahoo.com	Absent
7.	Dr.P.S.Rama Srikamth	Assoc.Professor	Subject Expert	Mobile No: 07854075580 E-Mail happyshrikanth@gmail.com	Sal
8.	A.Ravi Sankar	Asst.General Manager(Mech.)S ecretary-IIW	Industry Member	Mobile No: 9866747971 E-Mail aliknars@vizagsteel.com	Absent
9.	Y.Bharadwaj	Manager, Quality Control, L & T Limited	Alumni Member	Mobile No: 9492079960 E-Mail bsy@larsentoubro.com	y walker

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(Dr.D.Suneel)
Chairman
BOS (ME)

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## DEPARTMENT OF MECHANICAL ENGINEERING

20th July, 2019

## Board of Studies (BOS) of Mechanical Engineering

### ATTENDANCE SHEET

S.No	Name	Category	Designation	E-Mail id & Mobile No	Signature
1.	Dr.D.Suncel	Professor & HOD	Chairman	Mobile No: 9441895535 E-Mail UGCNANO@gmail.com	Quel
2.	Dr.A.Gopala Krishna	Professor	JNTUK Nominee	Mobile No: 8008652555 E-Mail dr.a.gopalakrishna @gmail.com	A Whi
3.	Dr.M.Sreenivasa Kumar	Principal	Member (Internal Subject Expert)	Mobile No: 9440757039 E-Mail principal@nrtec.ac.in	My
4,	Dr.D.Jagadish	Professor	Member (Internal Subject Expert	Mobile No: 9885419504 E-Mail djagadish.009@gmail.com	W
5.	Dr. S. B. Venkata Siva	Professor	Member (Internal Subject Expert)	Mobile No: 9692464540 E-Mail venkatasivanec@gmail.com	H
6.	Dr. Y.Ravi Kumar	Assoc.Professor	Subject Expert	Mobile No: 9440868867 E-Mail raviykumar@yahoo.com	Absent
7.	Dr.P.S.Rama Srikalınıh	Assoc.Professor	Subject Expert	Mobile No: 07854075580 E-Mail happyshrikanth@gmail.com	Sido
8.	A.Ravi Sankar	Asst.General Manager(Mech.) Secretary-IIW	Industry Member	Mobile No: 9866747971 E-Mail aliknars@vizagsteel.com	Absent
9.	Y.Bharadwaj	Manager, Quality Control, L & T Limited	Alumni Member	Mobile No: 9492079960 E-Mail bsy@larsentoubro.com	Market March

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(Dr.D.SUNEEL)

# Narasaraopeta Engineering College (Autonomous):: Narasaraopet Department of Mechanical Engineering

### Minutes of 1st BOS meeting

The chairman BoS has welcomed all the members and presented agenda of the meeting followed by 4-year B.Tech course structure and syllabus (I and II Year), Course structure and syllabus of M.Tech (Thermal Engineering), M.Tech (Machine Design). The following points are suggested by members of BoS.

### B.Tech Program:

- 1. 'Problem solving with C' is to be considered in the place of 'problem solving using Python' in First year First semester. Similarly the corresponding lab also to be based on C language.
- In first year second semester, IT workshop can be introduced in the place of proposed C
  programming lab. The experiment of Computer Assembly and Disassembly also to be
  included.
- 3. 'Skills lab' of third year first semester is to be renamed as 'Engineering Skills Lab'.
- 4. 'Principles of Machine Design' of third year first semester is to be renamed as 'Design of Machine Elements -1'.
- 5. 'Design of Mechanical Components' of third year second semester is to be renamed as 'Design of Machine Elements -2'.
- 6. One of the elective under Professional Elective-4 i.e. 'Robotics and 3D printing' is to be renamed as 'Robotics and Applications'.
- 7. One of the elective under Professional Elective-5 i.e. 'Automation and CIM' is to be renamed as 'Automation in Manufacturing'.
- 8. Instead of two open electives under each open elective, four are to be offered.
- 9. Industrial Engineering and Management subject is to be strengthened with PPC concepts and may be made as professional core instead of professional elective.
- 10. Computer Science and Engineering Department may be requested to float an open elective subject covering the fundamentals and applications of the following concepts like Big Data Analytics, Cyber security, Block Chain Technology, Cloud Computing, AI and Machine Learning and IOT.
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### M.Tech (Machine Design)

- 1. In the place of proposed 'Integrated Product Design & Development' subject in First year First Semester, 'Rotor Dynamics' can be continued as like in R16.
- 2. In the place of proposed 'Advanced Computer Aided Design' subject in First year First Semester, 'Material Technology' can be continued as like in R16.
- 3. The subject 'Fracture Mechanics' of First year Second Semester is to be restructured as 'Fatigue, Creep and Fracture Mechanics'.

### M.Tech (Thermal Engineering)

- 1. In Computational Methods lab (First year Second Semester), few experiments on 'Aerodynamic Problem solving using ANSYS and Fluent' may be introduced.
- 2. Concepts on cryogenics are to be added in Advanced Refrigeration and Air Conditioning subject (First year Second Semester).

Chairman-BOS

Dr.D.Suneel

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## **DEPARTMENT OF MECHANICAL ENGINEERING**

## Minutes of the First BOS Online Meeting (R20) held on 26th December 2020

Venue: Principal's chamber, Narasaraopeta Engineering College (Autonomous)
Time: 10 AM

#### AGENDA

- 1. Welcome by the Chairman
- 2. Discussion on B. Tech. (Mechanical Engineering) four year Course Structure
- 3. Discussion on B. Tech Honors, General Minor & Specialized Minor Tracks Course Structure
- 4. Discussion on Syllabus of I B. Tech. and II B. Tech.
- 5. Discussion on Syllabus of B.Tech Honors & Minors Courses up to Second Year Second Semester
- 6. Discussion on Syllabus for the subjects offered by Dept of Mechanical Engineering to other departments
- 7. Any suggestions by members
- 8. Vote of thanks

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The meeting was started online by sharp 10 AM through MS Teams and concluded by 12:30 PM.

. All the external and internal members are present for this meeting and list is as below.

S.No	Name	Category & Designation	Signature
1.	Dr.D.Suneel	Professor & HOD, Chairman-BOS Mobile No: 9441895535 E-Mail: suneeldonthamsetty@gmail.com	Qual 1
2.	Dr.M.Sreenivasa Kumar	Principal, BOS Member-Internal Subject Expert Mobile No: 9440757039 E-Mail: principal@nrtec.in	May
3.	Dr.D.Jagadish	Professor, BOS Member-Internal Subject Expert Mobile No: 9885419504 E-Mail: djagadish.009@gmail.com	A SALL
4.	Dr. S. B. Venkata Siva	Professor, BOS Member-Internal Subject Expert Mobile No: 9692464540 E-Mail: venkatasivanec@gmail.com	A STATE OF THE STA

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5.	Dr.A.Gepala Kriskma	Professor, BOS Member-JNTUK Nominee, Director (R&D), Professor In Charge of Design Innovation Centre, JNTUK-Kakinada Mobile No: 8008652555 E-Mail: dr.a.gopalakrishna@gmail.com	Absent
6.	Dr.Y.Ravi Kumar	Associate Professor BOS Member – External Subject Expert Dept. of Mechanical Engineering National Institute of Technology Warangal (NITW) Warangal-506 004, Telangana State, INDIA. Mobile No: 9440868867 E-Mail: raviykumar@yahoo.com	1 7 P: 6
7.	Dr.P.S.Rama Sreekanth	Assoc.Professor, BOS Member – External Subject Expert Department of Mechanical Engineering VIT-AP University Amaravati Mobile No: 07854075580 E-Mail: happyshrikanth@gmail.com	Sida
8.	A.Ravi Sankar	BOS-Industry Member General Manager(Mech.), Secretary-IIW, Rashtriya Ispant Nigam Ltd., Structural Mill, Visakhapatnam. Mobile No: 9866747971 E-Mail: aliknars@gmail.com	Marin
9.	Y.Bharadwaj	BOS-Alumni Member Manager, Quality Control & Metrology, Vizag Production Centre L&T Defence IC, Visakhapatnam. Mobile No: 9492079960 E-Mail: bsy@larsentoubro.com	Array (not)

The meeting started with opening remarks by Chairman, BOS-Mech. Dr.D.Suneel and Principal Dr.M.Sreenivasa Kumar.

### The following modifications are suggested by members of BOS

- > Members suggested to have Machine Drawing as conventional drawing practice using mini drafter instead of the mix of CAD and manual practice.
- > It is suggested to rename lab course 'IT Workshop and Engineering Workshop' as Engineering Workshop with some of the IT workshop experiments.

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The syllabers of Metrology and Instrumentation is suggested to have few concepts of Machine Drawing like Form tolerance, Assembly tolerance and tolerance estimation methods. Need of inspection, surface testing, surface finish, Laser instrumentation, selection of instruments may also be added.

- > The subject material science and metallurgy is suggested to have topics like extraction of steel, iron and steel making furnaces (Basic Furnaces).
- The subjects offered to EEE i.e. 'Basic Mechanical and Civil Engineering' can be incorporated with Gas turbines, IC Engines and Power plant related concepts.
- Solid Modeling lab (Skill oriented course) to be renamed as Solid Modelling and CAE Lab (skill oriented course) with '3D printing and Robotics'. Evaluation for these courses may be followed as superland by APSCHE.
- Addition of 'Laser instrumentation' experiments in Metrology and instrumentation lab are suggested
- Die penetrant test can be added in List of Experiments of Mechanics of Solids lab.
- Manufacturing technology course is suggested to have the following concepts. Electric furnaces,

  Sheet metal working, manufacturing of Plastic components like blow and injection moulding,

  Less welding electron beam welding, introduction to advanced welding technologies.
- > Automobile Engine Design Honors Course syllabus can be lightened and bearing design concepts can be removed.
- > Autocropics and Safety Honors Course may be added with Solar Vehicle concepts.
- >. Actinve Manufacturing of Specialized minor can be revised with latest topics.
- The courses under General Minor may have subjects like Advanced Engineering Materials, Power Plant Engineering, Advanced Manufacturing Processes, Innovative product design and development, Industrial Engineering and 3D printing instead of proposed courses as per APSCHE. The syllabus should be designed as per the requirements of other engineering branch students.

With the above suggestions, all the members of BOS approved Course Structure and syllabus of R20 B.Tech Mechanical Engineering for the first two years i.e. upto II Year-II Semester. Board also approved honors, General minor and specialized minor course structure and syllabus upto II Year II Semester i.e. Pool1/Track1.

Subjects offered by Dept. of Mechanical Eng. to other Departments also approved.

Chairman-BOS concluded meeting with vote of thanks to all the members.

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### DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of the 2<sup>nd</sup> BOS Online Meeting (R19) held on 13<sup>th</sup> February 2021

Venue: Principal's chamber, Narasaraopeta Engineering College (Autonomous)

Time: 2 PM

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#### AGENDA

1. Welcome by the Chairman

- 2. Discussion on B.Tech. (Mechanical Engineering) 3rd & 4th Year Course Structure
- 3. Discussion on Syllabus of III B. Tech I Sem & II Sem
- 4. Discussion on Syllabus of IV B. Tech I Sem & II Sem
- 5. Discussion on Syllabus of Open Electives (III & IV Year)
- 6. Any suggestions by members
- 7. Vote of thanks

The meeting was started online by sharp 2 PM through MS Teams and concluded by 3:30 PM.

All the external and internal members are present for this meeting and list is as below.

S.No	Name	Category & Designation	Signature
1	Dr. S. B. Venkata Siva	Professor & HOD, Chairman-BOS Mobile No: 9692464540 E-Mail: mechhod@nrtec.in	W
2	Dr.M.Sreenivasa Kumar	Principal, BOS Member-Internal Subject Expert Mobile No: 9440757039 E-Mail: principal@nrtec.in	My
3	Dr.D.Suneel	Professor & Vice Principal BOS Member-Internal Subject Expert Mobile No: 9441895535 E-Mail: viceprincipal@nrtec.in	and
4	Dr.D.Jagadish	Professor, BOS Member-Internal Subject Expert Mobile No: 9885419504 E-Mail: drjagadish@nrtec.in	Q- Su
5	Dr.P.Suresh Babu	Associate Professor, BOS Member-Internal Subject Expert Mobile No: 8500857969 E-Mail: drsureshbabu@nrtec.in	1.12



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6	Dr.T.V.Deepthi	Associate Professor, BOS Member-Internal Subject Expert Mobile No: 9985589596	Grob's
3.1		E-Mail: drvenkatadeepthi@nrtec.in	(b) \( \sigma \).
7	Dr.A.Gopala Krishna	Professor, BOS Member-JNTUK Nomince, Director (R&D), Professor In Charge of Design Innovation Centre, JNTUK-Kakinada Mobile No: 8008652555 E-Mail: dr.a.gopalakrishna@gmail.com	absent.
A	5	Associate Professor	-
8	Dr.Y.Ravi Kumar	BOS Member - External Subject Expert Dept. of Mechanical Engineering National Institute of Technology Warangal (NITW), Warangal-506 004, Telangana State, INDIA. Mobile No: 9440868867 E-Mail: yrk@nitw.ac.in	72:b
9	Dr.P.S.Rama Sreekanth	Assoc.Professor, BOS Member –External Subject Expert Department of Mechanical Engineering VIT-AP University Amaravati Mobile No: 07854075580 E-Mail: happyshrikanth@gmail.com	Sidol
		BOS-Industry Member	
10	A.Ravi Shankar	General Manager(Mech.), Secretary-IIW, Rashtriya Ispant Nigam Ltd., Structural Mill, Visakhapatnam. Mobile No: 9866747971	A Common
11	Y.Bharadwaj	E-Mail: alikanars@gmail.com  BOS-Alumni Member  Manager, Quality Control & Metrology, Vizag Production Centre  L&T Defence IC, Visakhapatnam.  Mobile No: 9492079960  E-Mail: bsy@larsentoubro.com	Donastino

The meeting started with opening remarks by Chairman, BOS-Mech. Dr S.B. Venkata Siva and Principal Dr.M.Sreenivasa Kumar.

The following modifications are suggested by members of BOS

> Members suggested to shuffle the order of Unit-IV & V in the course MCMT of III Year I

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- Fits and tolerance topics should be added in the course DMM-I
- > Members suggested to rewrite the experiments names in MCMT lab
- In course Power Plant Engineering, Gas based power plants should be mentioned and steam turbine topics to be included
- The title "Total Quality Manufacturing" should be named as "Total Quality Management", Advantages of TQM and Elements of TQM should be included in Unit-I
- The advantages and objectives of work study to be included in Open Elective Course-II " Work Study"
- In Open Elective-II- Lean Manufacturing the Kaizen topics to be included
- In Open Elective-Il-Condition Monitoring, the topic types of Condition Monitoring, methods like Tribology, Thermography can be included
- > In Open Elective -III-Nano Technology significance to be included in Unit-I

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- In Open Elective-III-Basic Manufacturing Processes, Casting Defects, Heat Treatment processes to be included
- In Open Elective-IV-Pneumatic and Hydraulic Automation, in Unit-II Pneumatic actuators to be added, nomenclature of components to be included in Unit-IV & V
- In Open Elective-IV-HVAC, the topics "Air filtering and cleaning units", "Air handling units" to be added
- In Open Elective-IV- Industrial Robotics, the topics 'what is industrial robotics', definitions and advantages also to be included

With the above suggestions, all the members of BOS approved Course Structure and Syllabus of 3rd and 4th Year R19 including Open Electives.

Chairman-BOS concluded meeting with vote of thanks to all the members.

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# NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPET (Autonomous Institution)

22<sup>nd</sup> June, 2016

# BOARD OF STUDIES DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### **AGENDA**

- 1. Welcome by the Chairman
- 2. Discussion on Curriculum and content
- 3. General suggestions by members
- 4. Vote of thanks

Chairman, BoS (Dr. V. Venkata Rao)

Principal

NARASARAOPETA ENGINEET

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Guntur (Dist.), A.P.



## NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET (Autonomous Institution) DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

22<sup>nd</sup> June, 2016

## Board of studies of Electronics & Communication Engineering

### ATTENDANCE SHEET

S. Vo.	Name	Name Category		E-Mail id. & Mobile No.	Signature
ľ	Dr. V. Venkata	Professor and Head of the Department	Chairman	vvenkatarao2k9tec @gmail.com 94411 27485	W
2 Dr. B. V. Rama Mohana Rao Professor & F		Professor & Principal	Member	nrtec_principal@y ahoo.com 99897 34703	Absut
3	Dr. Sk. Sd. Basha	Professor	Member	shaikarchi@gmail.c om 90149873291	Absent
4	Mr. J. V. K. Ratnam	Professor	Member	ratnamjvklakshmi @yahoo.co.in 94409 43215	Rotino
5	Mr. P. S. S. Chakravarthy Professor Mer		Member	chakri.pss@gmail. com 98858 54901	Pachaluado
6	Mr. J. Narasimha Rao	Narasimha Associate Professor		jnarasimharao09@ gmail.com 97036 32376	The
7	Mr. N. Sayedu Khasim Associate Professor		Member	sayedukhasim@g mail.com 99855 95567	4
	Dr. B. Chandra Mohan	Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nomine of Academic Council	chandrabhuma@g mail.com 94911 12477	Linkha
	Dr. D. Venkata ao	Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council	dv2002in@yahoo. co.in 99638 78335	Herres
)	Dr. A.M. Prasad	Professor and Head of the Department, Department of ECE, UCEK, JNTUK, Kakinada.	Nominee of JNTUK, Kakinada	a_malli65@yahoo. com 94415 64840	Ampreied
	Mr. K. Pavan Kumar  Staff Design Engineer, Marvel India Pvt. Ltd., Second Floor, Leela Galleria, 23 <sup>rd</sup> Old Airport, Bangalore- 8.		Member	indrapavan@gmail .com 99164 84837	Absent
2	Dr. V. Anil Kumar	Alumni, Assistant Professor, IIITH, Hyderabad.	l Member	anil.vuppala@iiit.a c.in 85007 27346	V. And Keuns
	i√r. Jayachandra Aradhya	CEO, Silicon Micro Systems, Bengaluru	Special Invitee	aradhya@ imsindia. net 98440 404-4	40 Duly



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# NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET (Autonomous Institution)

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

22<sup>nd</sup> June, 2016

Guntur (Dist.), A.P.

# Minutes of the 1st Board of studies Meeting held on 22nd June, 2016 at 2:00 p.m in the Seminar Hall

Dr.V. Venkata Rao, Chairman, Board of Studies chaired the meeting and welcomed all the members to the first Board of Studies meeting in the department of Electronics and Communication Engineering. The chairman (BOS) briefed the profile of the Electronics and Communication Engineering Department through his presentation. Further, the discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

### **MEMBERS PRESENT**

1	Dr. V. Venkata Rao Professor and Head Department of ECE Narasaraopeta Engineering College, Narasaraopet	Chairman, BOS
2	Dr. A.M. Prasad Professor and Head of the Department, Department of ECE, UCEK, JNTUK, Kakinada.	Nominee of JNTUK, Kakinada
3	Dr. V. Anil Kumar Alumni, Assistant Professor, IIITH, Hyderabad.	Member
4	Dr. B. Chandra Mohan Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council
5	Dr. D. Venkata Rao Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council
6	Mr. Jayachandra Aradhya CEO, Silicon Micro Systems, Bengaluru	Special Invitee
7	Mr. J. V. K. Ratnam Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member Principal NARISTEMATEMENTEEFRING COUR
8	Mr. P. S. S. Chakravarthy Professor	(AUTONOMOUS)

8	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College,	Internal Member
9	Narasaraopet Mr. J. Narasimha Rao Associate Professor Department of ECE Narasaraopeta Engineering College,	Internal Member
10	Narasaraopet Mr. N. Sayedu Khasim Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member

### ITEM NO.1

Discussion on the academic regulations and course structure of B.Tech. **Electronics and Communication Engineering.** 

After detailed discussions, the board expressed their suggestions and views regarding academic regulations and course structure of B.Tech., ECE. following suggestions/amendments/recommendations given by the members of the board.

- 1. The course Electrical Technology is replaced by Electrical Technology and Mechanical Technology in II B.Tech., I Semester,.
- 2. The course Random Variables and Stochastic Processes is replaced by Business Management Concepts for Engineers in II B.Tech., I Semester,.
- 3. Some part of the Random Variables and Stochastic Processes course is combined with Analog Communications course in II B.Tech., II Semester and remaining part is combined with Engineering Mathematics course.
- 4. Swap the courses Switching Theory and Logic Design course in II B.Tech., I Semester and Control Systems course in II B.Tech., II Semester.
- 5. Database Management System course is included in II B.Tech., II Semester
- 6. Electronic Measurements and Instrumentation course is placed in III B.Tech., II Semester
- 7. Open Elective courses must be offered uniformly by all the departments.
- 8. One Text book and two Reference books are provided for each course, preferrably.

9. Intermship is preferred in III B.Tech.

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#### ITEM NO.2

Discussion on the academic regulations, course structure and syllabus of M.Tech. (Digital Electronics and Communication Systems) and M.Tech. (Digital Systems and Computer Electronics) specializations

The following suggestions/recommendations are made by the board.

- 1. One or two computer courses are included in Digital Systems and Computer Electronics specialization.
- 2. One or two commmunication courses are included in Digital Electronics and Communication Systems specialization.
- 3. Communication experiments can be included in place of Digital Signal Digital Electronics and Communication Processing in specialization lab syllabus.

ENTIF the above medifications the PG course gravine (for bit M. sech 2 is approved along with the syllebus.

Meeting concluded with thanks to the Chair.

(Dr. V. VENKATA RAO) Chairman BOS (ECE)

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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## BOARD OF STUDIES MEETING ON 20th May, 2017

### **AGENDA**

- 1. Welcome by the Chairman
- 2. Discussion on II B.Tech., Curriculum and Syllabus
- 3. General suggestions by members
- 4. Vote of thanks

Chairman, BoS (Dr. V. Venkata Rao)

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# NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET (Autonomous Institution)

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

20<sup>th</sup> May, 2017

# Minutes of the 2<sup>nd</sup> Board of studies Meeting held on 20<sup>th</sup> May, 2017 at 10:00 AM in the Principal's Chamber

Dr. V. Venkata Rao, Chairman, Board of Studies chaired the meeting and welcomed all the members to the second Board of Studies meeting in the department of Electronics and Communication Engineering. The chairman (BOS) briefed the profile of the Electronics and Communication Engineering Department through his presentation. Further, the discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

### MEMBERS PRESENT

1	Dr. V. Venkata Rao Professor and Head Department of ECE Narasaraopeta Engineering College, Narasaraopet	Chairman, BOS
2	Dr. A.M. Prasad Professor and Head of the Department, Department of ECE, UCEK, JNTUK, Kakinada.	Nominee of JNTUK, Kakinada
3	Dr. V. Anil Kumar Alumni, Assistant Professor, IIITH, Hyderabad.	Member V. And Yuman.
4	Dr. B. Chandra Mohan Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council
5	Dr. D. Venkata Rao Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council
6	Mr. Jayachandra Aradhya CEO, Silicon Micro Systams Rangaluru	Special Mitee Mally
7	Dr. B.V. Rama Mohana Ro Professor & Principal Narasaraopeta Ingineering College, Narasaraopet	NARASARAOPETA EL MEERING F (AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

8	Mr. J. V. K. Ratnam Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member
9	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	filchaharatti. Internal Member
10	Mr. J. Narasimha Rao Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	· Internal Member
11	Mr. N. Sayedu Khasim Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member

Discussion on change of course structure of B.Tech. Electronics and Communication Engineering.

After detailed discussions, the board members expressed that the number of theory subjects and labs should be kept as previous BOS approved in the course structure of B.Tech., ECE. The changes in the number of subjects and labs will be considered in the next regulations.

### ITEM No. 2

Discussion on changes in the Syllabus of II B.Tech. Electronics and Communication Engineering courses.

The following suggestions/amendments/recommendations given by the members of the board in the following Courses.

## **Electronic Devices and Circuits:**

- 1. Include topics 'Transistor as a switch' and 'Transistor switching times' in Unit-IV.
- 2. CO3 is rewritten as 'Analyze and identify applications of BJT and its thermal stabililty'.

Signals and Systems:

Signals'.

1. Rename little of the Unit-VI as 'Convolution, Correlation of NARASARAOPET - 522 601.

2. Spell correctly Poly-Wigner as Paley-Wigner in Unit-IV Guntur (Dist.), A.P.

### **Control Systems:**

-No modifications-

### **Electronic Devices and Circuits Lab**

1. CO1 and CO3 are appended with 'and their applications.'

### Switching Theory and Logic Design

- 1. Include 'Asynchronous state machines' in Course objectives.
- 2. Include 'implementation with gates' in Course objectives.
- 3. The topic 'Code converters' is removed from Unit-II and placed in Unit-IV as 'Implementation of Code converters'.
- 4. Replace 'Minimization of logic functions' with 'Minimization and implementation of logic gates' in Minimization Techniques topic of Unit-II.
- 5. Unit-IV is renamed as 'Introduction to PLDs'.
- 6. Include 'Analysis of Clocked sequential circuits' in Unit-VI.
- 7. Add 'Switching And Finite Automata Theory By Zvi Kohavi' as Text book.

### **Electronic Circuit Analysis**

- 1. Rewrite Course objectives and outcomes.
- 2. Limit Course coutcomes to 4.
- 3. RC Phase shift oscillator is repeated in Unit-V and remove it.

### **Pulse and Digital Circuits**

- 1. Add Text book 'Pulse and Digital Circuits, M.S. Prakash Rao, Tata McGraw Hill'.
- 2. Add Text book 'Pulse and Digital Circuits, K. Venkata Rao, Pearson Education India, 2010.
- 3. Remove Text book authored by R. Venkataraman.

### **Analog Communications**

- 1. Mention 'PTM' in Unit-VI.
- 2. Add Text book 'Electronic Communication System, George Kennedy and Bernard Davis'.

### **EM Waves and Transmission Lines**

1. Add 'To understand Maxwell's equations and Boundary conditions' in Course objectives.

2. Remove 'Illustrative problems' in Unit-I, Unit-II and Unit-VPrincipal

3. Add Text book 'Electromagnetic Field Theory and Transmission (AUTONOMOUS)

9- N. Raju, Pearson Education India, 2006.

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### **Electronic Circuits & Pulse and Digital Circuits Lab**

- 1. Remove experiments 7 and 8 in II) Pulse and Digital Circuits.
- 2. Add experiment '7. Study and implementation of logic gates',
- 3. Add experiment '8. Implement applications of Flip-flops Counters and Registers'.
- 4. Rewrite the Software requirement as 'Analog and digital design/simulation software'.

### **Analog Cmmunications Lab**

1. Rewrite Course objectives and outomes.

### ITEM No. 3

# Discussion on changes in the Syllabus of II B.Tech. Electrical and Electronics Engineering courses.

The following suggestions/amendments/recommendations given by the members of the board in the following Courses.

### **Electronic Devices and Circuits:**

 Common syllabus for both ECE and EEE branches by removing the topic 'thermal stability' in Unit-V for EEE syllabus.

### **Analog Electronics:**

- 1. Keep 'Feedback Amplifiers' as Unit-I.
- 2. Keep 'Linear and Non-linear Wave Shaping' as Unit-II.
- 3. Keep 'Operational Amplifiers and its characteristics' as Unit-III.
- 4. Keep Unit-IV as 'Multivibrators, Timers and Oscillators'.
- 5. Keep Unit-V as 'Active filters'.
- 6. Keep Unit-VI as D/A and A/D converters.

### **Digital Electronics:**

- 1. Remove Unit-VI: Logic families.
- 2. Split Unit-V into Unit-V and Unit-VI.

### **Electronic Devices and Circuits Lab:**

-No Change-

### Analog and Digital Electronics Lab:

1. Modify Experiment 1 as 'Realization of logic gates'.

2. Revite Experiment 3 as 'Verfication of SR and JK Flip flops operation'.

Experiment 10 is done by using OP-Amp instead of BJT.

grenent 12 is conducted by using OP-Amp.

Principal

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### ITEM NO. 4

### **General Comments**

The following general comments/suggestions are made by the board.

- Append 'Yoga and Meditation' in Sports & Games / NSS of II B.Tech II Semester curriculum.
- 2. Rewrite course objectives and outcomes appropriately.
- 3. Mention publisher name and latest edition number in text books and reference books.

Meeting concluded with thanks to the Chair.

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(Dr. V. VENKATA RAO)

Chairman BOS (ECE)

HEAD OF THE DEPARTMENT DEPT. OF ELECTRONICS AND COMMUNICATION ENGG NARASARADPETA ENGINEERING COLLEGE NARASARAOPET-522 601

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### NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET (Autonomous Institution)

## DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

## Board of studies of Electronics & Communication Engineering

### **ATTENDANCE SHEET**

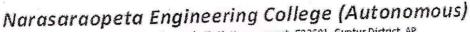
S. No.	Name	Category	Designation	E-Mail id. &	Signature
1	Dr. V. Venkata Rao	Professor and Head of the Department	Chairman	Mobile No. vvenkatarao2k9tec @gmail.com 94411 27485	2017
2	Dr. B. V. Rama Mohana Rao	Professor & Principal	Member	nrtec_principal@y ahoo.com 99897 34703	M
3	Mr. J. V. K. Ratnam	Professor	Member	ratnamjvklakshmi @yahoo.co.in 94409 43215	Roth.or
4	Mr. P. S. S. Chakravarthy	Professor	Member	chakri.pss@gmail. com 98858 54901	<b>\$</b>
5	Mr. J. Narasimha Rao	Associate Professor	Member	jnarasimharao09@ gmail.com 97036 32376	5
6	Mr. N. Sayedu Khasim	Associate Professor	Member	sayedukhasim@g mail.com 99855 95567	(1)
7	Dr. B. Chandra Mohan	Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council	chandrabhuma@g mail.com 94911 12477	Similhande Lolons
8	Dr. D. Venkata Rao	Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council	dv2002in@yahoo. co.in 99638 78335	Me mish
9	Dr. A.M. Prasad	Professor and Head of the Department, Department of ECE, UCEK, JNTUK, Kakinada.	Nominee of JNTUK, Kakinada	a_malli65@yahoo. com 94415 64840	Does
10	Mr. K. Pavan Kumar	Staff Design Engineer, Marvel India Pvt. Ltd., Second Floor, Leela Galleria, 23 <sup>rd</sup> Old Airport, Bangalore- 8.	Member	indrapavan@gmail .com 99164 84837	Absent
11	Dr. V. Anil Kumar	Alumni, Assistant Professor, IIITH, Hyderabad.	Member	anil.vuppala@iiit.a c.in 85007 27346	V Historia
12	Mr. Jayachandra Aradhya	CEO, Silicon Micro Systems, Bengaluru	Special Invitee	aradhya@simsindia. net 98440 40444	Holuy



Principal NARASARAOPETA ENGINE ERING COLLUZE BOS, ECE

OF 20/5/17 Chairman

(AUTONOMOUS) OF THE DECARTOR NARASARAOPET - 522/00 (NIC) AND COMMUNICATE OF Guntur (Dist.), A.P.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## 3rd BOARD OF STUDIES (BOS) MEETING ON 25th April, 2018

### AGENDA

- 1. Welcome by the Chairman
- 2. Discussion on III B.Tech., ECE Curriculum and Syllabus
- 3. Discussion on IV B.Tech., ECE Curriculum and Syllabus
- 4. Discussion on III B.Tech., and IV B.Tech., EEE Curriculum and Syllabus offered by ECE department
- 5. General suggestions by members
- 6. Vote of thanks

Chairman, BOS Dr. V. VENKATA RAO

Principal
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# NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET (Autonomous Institution) DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

25<sup>th</sup> April, 2018

# Board of studies of Electronics & Communication Engineering

# ATTENDANCE SHEET

	S. Name						IEE'	Т		
	N	lo. Nar		Category		Desig				T
		Dr. V. Ver Rao	kata	Professor and Head of the Department		Chair		No.		Signature
	2	Dr. B. V. R Mohana Ra	ama	Professor and Director				@gmail.com 94411 27485		
126	3	Dr. Sk. Sd. 1	Basha	Narasaraopet.  Professor	ollege,	Mem	ber	mohanaraosudl i1991@gmail.c 99897 34703	om_	Hour
	4	Mr. J. V. K				Memt	oer	shaikarchi@gmai m 90149873291	l.co	Abrent
	5	Ratnam Mr. P. S. S.		Professor		Memb	er	ratnamjvklakshn	ni@	Rotain
-		Chakravarthy		Professor		Membe	er	94409 43215 chakri.pss@gmai	l.c	
-	6	Mr. J. Narasin Rao	iha /	Associate Professor		Member	1.	98858 54901 jnarasimharao090	7)0	P
	7	Mr. N. Sayedu Khasim	A	associate Professor	-		9	mail.com 97036 32376 sayedukhasim@gr	1_	
	8	Dr. B. Chandra Mohan	Pr He	rofessor and	ant la	Member Member	9	il.com 9855 95567 handrabhuma@gr	(	4
	· D	r. D. Venkata	Pro	ngineering College, Bapatla ofessor and	atla .	Nominee o Academic Council	94	1911 12477	Dei	Lolmo
	K	ao	Inst	ncipal, Narasaraope titute of Technolog rasaraopet.	y, /	Member Nominee of Academic	0.1	2002in@yahoo.c n 638 78335		E MANUAL AND
10	Dr	: A.M. Prasad		fessor, Department of ECF EK, JNTUK, Kakinada.	E, N	Council ominee of JNTUK,	-	nalli65@yahoo.c		
11	Mr Ku	. K. Pavan mar	Staff India	f Design Engineer, Marve a Pvt. Ltd., Second Floor a Galleria, 23 <sup>rd</sup> Old Airport,	:1	Cakinada	944 indi	15 64840 apavan@gmail	Am	ignaros.
12	Dr.	V. Anil Kumar	Alum Assist	nni,	, IN	Meinber	991	64 84837	Ab	seur
13	Mr.	Jayachandra	Hyder	rabad.	M	lember	-111	vuppala@iiit.ac 7 27346	Tres	5 82
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

25<sup>th</sup> April, 2018

# Minutes of the 3<sup>rd</sup> Board of studies Meeting held on 25<sup>th</sup> April, 2018 at 11:00 AM in the Computer Center

Dr. V. Venkata Rao, Chairman, Board of Studies chaired the meeting and welcomed all the members to the third Board of Studies meeting in the department of Electronics and Communication Engineering. The discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

### MEMBERS PRESENT

1	Dr. V. Venkata Rao Professor and Head Department of ECE Narasaraopeta Engineering College, Narasaraopet	Chairman, BOS ゼ	
2	Dr. A.M. Prasad Professor, Department of ECE, UCFK, INTUK, Kakinada	Nominee of JNTUK, Kakinada	Dubre
3	Dr. V. Anil Kumar Alumni, Assistant Professor, IIITH, Hyderabad.	Member	V. Anicel
ą	Dr. B. Chandra Mohan Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council	ine Chana
5	Dr. D. Venkata Rao Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet. Mr. J. V. K. Ratnam	Member Nominee of Academic Council	il con
6	Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member	Rotsin
7	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College, Narasarappet	Internal Member (%)	أ شعمل
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Principal
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NARASARAOPET - 522 601.
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8	Mr. J. Narasimha Rao Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member	The same
9	Mr. N. Sayedu Khasim Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member	

Discussion on III B.Tech., Curriculum and Syllabus of Electronics and Communication Engineering.

After detailed discussions, the board expressed their suggestions and views regarding III B.Tech., Electronics and Communication Engineering Curriculum and Syllabus. The following suggestions/amendments/recommendations are given by the members of the board.

- In Unit- VI of Linear and Digital IC Applications course, the syllabus for the topic 'Memories' is placed first and 'Introduction to VHDL' is placed next.
- 2. The course name of 'Image Processing through MATLAB' is suggested to modify as 'Image Processing Algorithms and Ananlysis'. In the same course, the word 'MATLAB' is replaced with 'software tool'. Additional contents in Unit I, Unit II, Unit III and Unit V are to be removed. The Unit VI will be removed completely and a new unit is to be introduced.
- 3. In Medical Electronics course, the contents in the topic 'The Hospital and The Medical Electronics Department' of Unit VI are to be verified.
- 4. In Digital Communications Lab and Digital Signal Processing Lab courses, the word 'MATLAB' is replaced with 'simulation tool'.

### ITEM No. 2

Discussion on IV B.Tech., Curriculum and Syllabus of Electronics and Communication Engineering.

After detailed discussions, the board expressed their suggestions and views regarding IV B.Tech., Electronics and Communication Engineering Curriculum and Syllabus. The following suggestions/amendments/recommendations are given by the members of the board

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- 2. In Advanced DSP course, Unit I name is replaed with 'Multirate Signal Processing' instead of 'Review of DFT, FFT, IIR filters and FIR filters'.
- 3. In Advanced DSP course, 'Introduction to Time Frequency Analysis' is introduced as Unit - IV and corresponding syllabus related to topics STFT, Multi Resolution Analysis: Wavelet Transform theory and Applications are placed in that Unit - IV. In existing syllabus, Unit - IV and Unit - V are amended as Unit - V and Unit - VI respectively, and Unit - VI is completely removed.
- 4. In VLSI and Embedded Systems Lab, the term 'Mentor Graphics' is removed.
- 5. In Wireless Sensor Networks course, the Unit VI name is amended as 'Security in WSNs'.
- 6. In Speech Processing course, Unit III, Unit IV, Unit V and Unit VI are amended as Unit - VI, Unit - III, Unit - IV and Unit - V respectively. In 'Coding of Speech Signals' unit, the topic 'Adaptive Multi Rate (AMR) coders' introduced. In 'Speech Recognition' unit, the topic'DNN approach' is introduced

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Discussion on III B.Tech., and IV B.Tech., Electrical and Electronics Engineering Curriculum and Syllabus offered by ECE department.

After detailed discussions, the board expressed their suggestions and views regarding III B.Tech., and IV B.Tech., Electrical and Electronics Engineering Curriculum and Syllabus offered by Electronics and Communication Engineering department. The following suggestion/amendment/recommendation is given by the members of the board.

- 1. In Signals and Systems course of III B.Tech., the topics related to 'Laplace Transforms' are to be removed and the Unit - IV name is modified accordingly.
- 2. In Microporocessors & Microcontrollers course, the Unit VI name is amended as 'Industrial Applications of 8051'.

Meeting concluded with thanks to the Chair.

(Dr. V. VENKATA RAO) NARASARAOPETA ENGI (AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

Chairman BOS (ECE)



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

17th July, 2019

## 4th BOARD OF STUDIES (BOS) MEETING ON 20-07-2019

### **AGENDA**

- 1. Welcome by the Chairman
- 2. Discussion on B.Tech. (Electronics and Communication Engineering) R19-Course Structure
- 3. Discussion on R19-Syllabus of I B.Tech. and II B.Tech. Electronics and Communication Engineering
- 4. Discussion on R19-Syllabus for the subjects offered by ECE department to other departments
- 5. Discussion on R19-M.Tech, Digital Electronics and Communication Systems (DECS) course structure and syllabus
- 6. Discussion on R19-M.Tech, Digital Systems and Computer Electronics (DSCE) course structure and syllabus
- 7. General suggestions by members
- 8. Any other information with the permission of the Chairman

9. Vote of thanks

Chairman, BOS (Dr. V. Venkata Rao)

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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

20<sup>th</sup> July, 2019

# Minutes of the 4<sup>th</sup> Board of Studies (BoS) Meeting for R19 Course Structure and Syllabus held on 20<sup>th</sup> July, 2019 at 10:00 AM in the Department Seminar Hall

Dr. V. Venkata Rao, Chairman, Board of Studies chaired the meeting and welcomed all the members to the fourth Board of Studies meeting in the department of Electronics and Communication Engineering. The discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

#### **MEMBERS PRESENT**

	Y	
1	Dr. V. Venkata Rao Professor and Head Department of ECE Narasaraopeta Engineering College Narasaraopet	Chairman, BOS
2	Dr. N. Balaji Professor Department of ECE, UCEK, JNTUK, Kakinada	JNTUK University Nominee
3	Dr. K. Venkata Ramanaiah, Associate Professor, Department of ECE University College of Engineering, Yogi Vemana University Prodattur. Kadapa Dist.	Subject Expert
4	Mr. T. Seetha Ram Kumar Sub Divisional Engineer, BSNL, Guntur	Nominee from Industry
5	Dr. V. Anil Kumar Alumni Assistant Professor IIITH Hyderabad	Nominee from Alumni
6	Dr. K. Srinivasa Ravi Professor Department of ECE Narasaraopeta Engineering College Narasaraopeta	Member (Internal Subject Expert)



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7	Dr. K. Raju Associate Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
8	Dr. A.V. Nageswara Rao Associate Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
9	Dr. B. Raghavaiah Associate Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
10	Mr. J. V. K. Ratnam Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
11	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)

# ITEM No. 1 Discussion on B.Tech., (Electronics and Communication Engineering) R19 Course Structure.

After detailed discussions, the board expressed their suggestions and views regarding B.Tech., (Electronics and Communication Engineering) R19 Course Structure. The following suggestions/amendments/recommendations are given by the members of the board.

- 1. Encourge students to choose Open Electives offered by other departments instead of ECE department offered Open Electives.
- The duration for MOOCS course will be minimum of 8 weeks. The economically backward students may be helped by the management by providing facilities.
- 3. Random Variables and Stochastic Processes subject will be placed in the category of Basic Sciences instead of Professional Core.
- 4. Practical Training in IV B.Tech., I Semester will be provided by the college for those students who did not attend the Internship in summer vacation.

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- In III B.Tech., II Semester, the Digital Signal Processing through Python subject in Professional Elective-I is replaced with Statistical methods in AI subject.
- 6. The order of subjects in Professional Electives need to be rearranged.
- In IV B.Tech., I Semester, the Professional Elective-III subject AI Tools, Technologies and Applications is replaced with Introduction to Deep Learning subject.
- 8. Advised to keep the same number of course objectives and course outcomes.

# Discussion on R19-Syllabus of I B.Tech. and II B.Tech. Electronics and Communication Engineering.

After detailed discussions, the board expressed their suggestions and views regarding I B.Tech. and II B.Tech. Electronics and Communication Engineering R19 Syllabus. The following suggestions/amendments/recommendations are given by the members of the board.

- 1. In I B.Tech., I Semester, add introduction to Surface mount devices and Solar panels topics in Electronic Workshop and IT Workshop Lab.
- In II B.Tech., I Semester, the Unit-I name Overview of Semiconductors is amended as PN Diode Characteristics and the syllabus is rearranged accordingly for the Electronic Devices and Circuits subject.
- In II B.Tech., I Semester, the Unit-II name Junction Diode, Zener Diode Charactristics and Rectifiers is amended as Special Diodes and Rectifiers, and the syllabus is rearranged accordingly for the Electronic Devices and Circuits subject.
- 4. The syllabus of Internet of Things subject in II B.Tech., I Semester is need to modify.
- 5. Introduction to CPLD and FPGA is added in Unit-V of II B.Tech., II Semester, Switching Theory and Logic Design subject.
- The Unit-III name is amended as Introduction to Systems in II B.Tech., II Semester Open Elective-I subject Principles of Signals, Systems and Communications.



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# Discussion on R19-Syllabus for the subjects offered by ECE department to other departments.

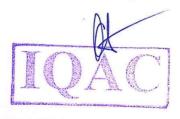
After detailed discussions, the board expressed their suggestions and views regarding R19-Syllabus for the subjects offered by ECE department to other departments. The following suggestion/amendment/recommendation is given by the members of the board.

- In II B.Tech., I Semester Electrical and Electronics Engineering branch, the Unit-I name Overview of Semiconductors is amended as PN Diode Characteristics and the syllabus is rearranged accordingly for the Electronic Devices and Circuits subject.
- 2. In II B.Tech., I Semester Electrical and Electronics Engineering branch, the Unit-II name Junction Diode, Zener Diode Charactristics and Rectifiers is amended as Special Diodes and Rectifiers, and the syllabus is rearranged accordingly for the Electronic Devices and Circuits subject.
- 3. DIAC and TRAIC topics are added to Unit-V in Electronic Devices and Circuits subject of II B.Tech., I Semester Electrical and Electronics Engineering branch.
- 4. The Units IV and V are to be swapped and add Introduction to CPLD and FPGA in Unit V for Digital Logic Circuits subject of II B.Tech., I Semester Electrical and Electronics Engineering branch.
- 5. In I B.Tech., I Semester CSE and IT branches, the Unit-II of the present syllabus in Electronic Devices and Logic Design is to be deleted. The Unit-I is rearraned as Unit-I and Unit-II. Add MOSFET in Unit-II.

#### ITEM No. 4

Discussion on R19-M.Tech. Digital Electronics and Communication Systems (DECS) Course Structure and Syllabus.

After detailed discussions, the board expressed their satisfaction regarding R19-Course Structure and Syllabus of M.Tech. Digital Electronics and Communication Systems (DECS). No further suggestion / amendment / recommendation are given by the members of the board.



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# Discussion on R19-M.Tech. Digital Systems and Computer Electronics (DSCE) Course Structure and Syllabus.

After detailed discussions, the board expressed their satisfaction regarding R19-Course Structure and Syllabus of M.Tech. Digital Systems and Computer Electronics (DSCE). No further suggestion / amendment / recommendation are given by the members of the board.

Meeting concluded with thanks to the Chair.

(Dr. V. VENKATA RAO)

Chairman BOS (ECE)

(Dr. N. Balaji)

(Dr. K. Venkata Ramanaiah)

(Mr. T. Seetha Ram Kumar)

(Dr. V. Anil Kumar)

(Dr. K. Srinivasa Ravi)

(Dr. K. Raju)

(Dr. A.V. Nageswara Rao)

(Dr. B. Raghavaiah)

(Mr. J. V. K. Ratnam)

P. J.J. Chalia Challe (Mr. P. S. S. Chakravarthy)

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

20<sup>th</sup> July, 2019

# Board of Studies (BOS) of Electronics and Communication Engineering

## ATTENDANCE SHEET

	S.N	o. Name	Designation	Category	Contact information	Signature
<i>y</i>	1	Dr. V. Venkata Professor & Chairman		Mobile: 9441127458 E-Mail: ecehod@nrtec.ac.in	V. Verteste H	
	2	Dr. N. Balaji	Professor in ECE Department	JNTUK University Nominee	Mobile No.: 9848115663  E-Mail: narayanamb@rediffmail.com	Abeut
	3	Dr. K.Venkata Ramanaiah	Associate Professor	Subject Expert	Mobile No.: 9849245750  E-Mail: ramanaiahkota@gmail.com	Cocceils
	4	Dr. K. Naga Srinivasa Rao Batta	Assistant Professor	Subject Expert	Mobile: 9800296596 E-Mail: srinu.bkn@nitw.ac.in	Absent
	5	Mr. T. Seetha Ram Kumar	Sub Divisional Engineer	Nominee from Industry	Mobile: 9490107111  E-Mail: rahulanish2007@gmail.com	IM
	6	Dr. V. Anil Kumar	Assistant Professor	Nominee from Alumni	Mobile: 85007 27346  E-Mail: anil.vuppala@iiit.ac.in	V:Anil Keemer
	7	Dr. K. Srinivasa Ravi	51	Member (Internal Subject Expert)	Mobile: 9492488055 E-Mail: sreenivasaravik@gmail.com	K.s. Rami
	8	Dr. K. Raju	Associate Professor	(Internal Subject	Mobile: 9493451237 E-Mail: raju.kolluri@gmail.com	ben
	9	Dr. A.V. Nageswara Rao	Associate Professor	incomai	Mobile: 9440664462 E-Mail: avnr424@gmail.com	A

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10	Dr. B. Raghavaiah	Associate Professor	Member (Internal Subject Expert)	Mobile: 9247217357  E-Mail: raghavaece39@gmail.com	101
11	Mr. J.V.K. Ratnam	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: ratnamjvklakshmi@gmail.com	Roto.s.
12	Mr. P.S.S. Chakravarthy	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: chakri.pss@gmail.com	Pss diakrownthi

Chairman, BOS (Dr. V. Venkata Rao)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

24<sup>th</sup> December, 2020

# 5<sup>th</sup> BOARD OF STUDIES (BOS) MEETING ON 26-12-2020

### **AGENDA**

- I. Welcome by the Chairman
- Discussion on B.Tech. (Electronics and Communication Engineering) R20-Course
- 3. Discussion on R20-Syllabus of I B.Tech. and II B.Tech. Electronics and Communication Engineering
- 4. Discussion on R20-Syllabus for the subjects offered by ECE department to other
- 5. General suggestions by members
- 6. Any other information with the permission of the Chairman

7. Vote of thanks

V. Venkate Rd Chairman, BOS (Dr. V. Venkata Rao)

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26<sup>th</sup> December, 2020

# Board of Studies (BOS) of Electronics and Communication Engineering

### ATTENDANCE SHEET

S.No	. Name	Designation	Category	Contact information	Signature
1	Dr. V. Venkata Rao	Professor & Head	Chairman	Mobile: 9441127458 E-Mail: ecehod@nrtec.ac.in	V. Venkate Pa.
2	Dr. N. Balaji	Professor	JNTUK University Nominee	Mobile No.: 9848115663 E-Mail: narayanamb@rediffmail.com	15 Now 19
3	Dr. K.Venkata Ramanaiah	Professor	Subject Expert	Mobile No.: 9849245750 E-Mail: ramanaiahkota@gmail.com	Locasih
4	Dr. K. Naga Srinivasa Rao Batta	Assistant Professor	Subject Expert	Mobile: 9800296596 E-Mail: srinu.bkn@nitw.ac.in	B.K.N. Scinnel
5	Mr. T. Seetha Ram Kumar	Sub Divisional Engineer	Nominee from Industry	Mobile: 9490107111 E-Mail: rahulanish2007@gmail.com	IMPO
6	Dr. V. Anil Kumar	FIGURESSOR	Nominee from Alumni	Mobile: 85007 27346 E-Mail: anil.vuppala@iiit.ac.in	V. Ant kenner
7	Dr. K. Srinivasa Ravi	Professor	Member (Internal Subject Expert)	Mobile: 9492488055 E-Mail: sreenivasaravik@gmail.com	K.S. Ram
8	Dr. K. Raju	Professor (	Internal	Mobile: 9493451237 E-Mail: raju.kolluri@gmail.com	bud
, 1	Dr. B. Raghavaiah	Professor (	Internal Subject	Mobile: 9247217357 E-Mail: raghavaece39@gmlABASARAOPET	Principal A ENGINEERING CO. 1 CO.

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10	Dr. A.V. Nageswara Rao	Associate Professor	Member (Internal Subject Expert)	Mobile: 9440664462 E-Mail: avnr424@gmail.com	
11	Mr. J.V.K. Ratnam	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: ratnamjvklakshmi@gmail.com	Roks.oz.
12	Mr. P.S.S. Chakravarthy	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: chakri.pss@gmail.com	

Chairman, BOS (Dr. V. Venkata Rao)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26<sup>th</sup> December, 2020

# Minutes of the 5<sup>th</sup> Board of Studies (BoS) Meeting for R20 Course Structure and Syllabus held on 26<sup>th</sup> December, 2020 at 9:30 AM in the Department Seminar Hall

Dr. V. Venkata Rao, Chairman, Board of Studies chaired the online meeting and welcomed all the members to the fifth Board of Studies meeting in the department of Electronics and Communication Engineering. The discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

## MEMBERS PRESENT

	MEMBERS PRESEN	NT "
1	Dr. V. Venkata Rao Professor and Head Department of ECE Narasaraopeta Engineering College Narasaraopet	Chairman, BOS
2	Dr. N. Balaji Professor Department of ECE, UCEK, JNTUK, Kakinada Dr. K. Venkata Ramanaiah,	JNTUK University Nominee
3	Professor, Department of ECE University College of Engineering, Yogi Vemana University Prodattur, Kadana Diet	Subject Expert
4	Assistant Professor, Department of ECE, NIT, Warangal	Subject Expert
5	Mr. T. Seetha Ram Kumar, Sub Divisional Engineer, BSNL Comb	Nominee from Industry
6	Associate Professor IIITH, Hyderahad	Nominee from Alumni
	Professor, Department of ECE, Narasaraopeta Engineering College	Principaler Princi

	Narasaraopet	
8	Dr. K. Raju, Professor, Department of ECE, Narasaraopeta Engineering College ,Narasaraopet	Member (Internal Subject Expert)
9	Dr. A.V. Nageswara Rao, Associate Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
10	Dr. B. Raghavaiah Professor Department of ECE Narasaraopeta Engineering College Narasaraopet	Member (Internal Subject Expert)
11	Mr. J. V. K. Ratnam, Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
12	Mr. P. S. S. Chakravarthy, Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)

# ITEM No. 1 Discussion on B.Tech., (Electronics and Communication Engineering) R20 Course Structure.

After detailed discussions, by considering the suggestions of stake holders, the board expressed their suggestions and views regarding B.Tech., (Electronics and Communication Engineering) R20 Course Structure. The following suggestions/amendments/recommendations are given by the members of the board.

- 1. Electronic Workshop can be introduced in I B.Tech.
- 2. Change the subject title Control Systems in II B.Tech., I Semester to Linear Control Systems.
- Communication Systems subject title in II B.Tech., II Semester to be modified as Analog & Digital Communications. Communication Systems Laboratory also to be modified as Analog & Digital Communications Laboratory.

4. Change the subject title Introduction to Data Science in III B.Tech., I Semester Open Elective-I.

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

- 6. Computer Science Engineering department can be requested to offer Computer Organization subject in their Open Elective.
- In one of the open elctives Basics of VLSI & Embedded Systems subject can be offered to other departments.
- 8. Practical Training will be provided by the college for those students who did not attend the Internship during II B.Tech. and III B.Tech. summer vacation.

Discussion or R19-Syllabus of I B.Tech. and II B.Tech. Electronics and Communication Engineering.

After detailed discussions, the board expressed their suggestions and views regarding I B.Tech. and II B.Tech. Electronics and Communication Engineering R20 Syllabus. The following suggestions/amendments/recommendations are given by the members of the board.

- In II B.Tech., I Semester, add MOSFETs analysis part Electronic Devices and Circuits subject.
- 2. In III B.Tech., II Semester Microprocessors and Microcontrollers subject add one Unit on ARM Processors.
- 3. In II B.Tech., I Semester Signals and Systems subject Sampling in Unit-V title to be deleted. Correlation, Auto correlation, Relation between Cross & Auto correlation topics to be added in Unit-I.
- 4. In II B.Tech., I Semester Switching Theory and Logic Design Unit-I syllabus has to be elaborated. Add minimization of switching functions using K-Map up to 6 variables, Tabular (Quine-McCluskey) method with only 4 variables and with single function. Include realization of sequence generator, Design of clocked sequential circuit to detect the given sequence with and without overlapping. Fundamentals of Logic Design text book by Charles H. Roth Jr. can be added in the references.
- In II B.Tech., I Semester Control Systems subject keep the book titled Modern Control Engineering by Katsuhiko Ogata as text book.
- 6. In II B.Tech., II Semester Communication Systems Lab experiments are splitted into Part-A and Part-B.
- 7. In II B.Tech., II Semester Electromagnetic Waves and Transmission Lines subject change Unit-I title as Review of Coordinate Systems & Static fields. Unit-III and Unit-IV can be clubbed into ope Unit-III unit-V can be split into the Units as Transmission Line AND PETAL CONTROL CONTRO

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8. In all the Laboratories include Experiments which are not there in the syllabus in Experiments beyond syllabus list.

### ITEM No. 3

Discussion on R20-Syllabus for the subjects offered by ECE department to other departments.

After detailed discussions, the board expressed their suggestions and views regarding R20-Syllabus for the subjects offered by ECE department to other departments. The following suggestion/amendment/recommendation is given by the members of the board.

- In II B.Tech., I Semester Electrical and Electronics Engineering branch, in Analog Electronics subject introduce concepts of Power Amplifiers and Oscillators.
- 2. In II B.Tech., I Semester Electrical and Electronics Engineering branch, add Analog to Digital Coverter experiment in Analog Electronics Laboratory.
- 3. In II B.Tech., II Semester Electrical and Electronics Engineering branch, add Introduction to FPGAs in Unit-V of Digital Electronics subject.
- 4. In all the Laboratories include Experiments which are not there in the syllabus in Experiments beyond syllabus list.

Meeting concluded with thanks to the Chair.

(Dr. V. VENKATA RAO) Chairman BOS (ECE)

(Dr. N. Balaji)

(Mr. T. Seetha Ram

(Dr. K. Venkata Ramanaiah)

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(Dr. V. Anii Kumar Guntur (Dist.), A.P.

(Dr. K. Naga Srinivasa Rao Batta)

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(Dr. K. Srinivasa Ravi)

(Dr. A.V. Nageswara Rao)

(Mr. J. V. K. Ratnam)

(Dr. K. Raju)

(Dr. B. Raghavaiah)

(Mr. P. S. S. Chakravarthy)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

25th February, 2021

### 6<sup>th</sup> BOARD OF STUDIES (BOS) MEETING ON 26-02-2021

### **AGENDA**

- 1. Welcome by the Chairman
- 2. Discussion on R19-Syllabus of III B.Tech. and IV B.Tech. Electronics and Communication Engineering
- 3. Discussion on R19-Syllabus for the subjects offered by ECE department to other departments
- 4. Finalization of Courses offered to a student who readmitted into NEC(A) R19 regulations from NEC(A) R16 regulations
- 5. General suggestions by members
- 6. Any other information with the permission of the Chairman
- 7. Vote of thanks

Chairman, BOS (Dr. V. Venkata Rao)

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Guntur (Dist.), A.P.



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26<sup>th</sup> February, 2021

## Board of Studies (BOS) of Electronics and Communication Engineering

### ATTENDANCE SHEET

S.No.	Name	Designation	Category	Contact information	Signature
1	Dr. V. Venkata Rao	Professor & Head	Chairman	Mobile: 9441127458 E-Mail: ecehod@nrtec.ac.in	May
2	Dr. N. Balaji	Professor	JNTUK University Nominee	Mobile No.: 9848115663  E-Mail: narayanamb@rediffmail.com	12 May 14
3	Dr. K.Venkata Ramanaiah	Professor	Subject Expert	Mobile No.: 9849245750  E-Mail: ramanaiahkota@gmail.com	Locassil
4	Dr. K. Naga Srinivasa Rao Batta	Assistant Professor	Subject Expert	Mobile: 9800296596 E-Mail: srinu.bkn@nitw.ac.in	BKN Skinny
5	Mr. T. Seetha Ram Kumar	Sub Divisional Engineer	Nominee from Industry	Mobile: 9490107111 E-Mail: rahulanish2007@gmail.com	TIMPO
6	Dr. V. Anil Kumar	Associate Professor	Nominee from Alumni	Mobile: 85007 27346  E-Mail: anil.vuppala@iiit.ac.in	V. April Kennes
7	Dr. K. Srinivasa Ravi	Professor	Liember (Internal Subject Expert)	Mobile: 9492488055 E-Mail: sreenivasaravik@gmail.com	K. S. Au
8	Dr. K. Raju	Professor	Member (Internal Subject Expert)	Mobile: 9493451237  E-Mail: raju.kolluri@gmail.com	ben/
9	Dr. B. Raghavaigh	Professon	Member (Internal Subject Expert)	E-Mail: NARASARA	

	10	Dr. Amit Gupta	Professor	Member (Internal Subject Expert)	Mobile: 9785741277 E-Mail: dramitguptacv@gmail.com	
= 9	11	Dr. A.V. Nageswara Rao	Associate Professor	Member (Internal Subject Expert)	Mobile: 9440664462 E-Mail: avnr424@gmail.com	
	12	Dr. Sk. Bajidvali	Associate Professor	Member (Internal Subject Lxpert)	Mobile: 8639294551 E-Mail: bajid.vali@gmail.com	S. Ryidel.
	13	Dr. R. Samabasiva Nayak	Assistant Professor	Member (Internal Subject Expert)	Mobile: 9912391909 E-Mail: sambanayak@gmail.com	
	14	Mr. J.V.K. Ratnam	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: ratnamjvklakshmi@gmail.com	Ration
	15	Mr. P.S.S. Chakravarthy	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: chakri.pss@gmail.com	P.S. schalvovanti

Chairman, BOS (Dr. V. Venkata Rao)

Principal
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Guntur (Dist.), A.P.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26<sup>th</sup> February, 2021

# Minutes of the 6<sup>th</sup> Board of Studies (BoS) Meeting for R19 Course Structure and Syllabus held on 26<sup>th</sup> February, 2021 at 9:30 AM in the Department Seminar Hall

Dr. V. Venkata Rao, Chairman, Board of Studies chaired the online meeting and welcomed all the members to the sixth Board of Studies meeting in the department of Electronics and Communication Engineering. The discussion on the items mentioned in the Board of Studies meeting agenda was taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

#### **MEMBERS PRESENT**

1	Dr. V. Venkata Rao Professor and Head, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Chairman, BOS
2	Dr. N. Balaji Professor, Department of ECE, UCEK, JNTUK, Kakinada	JNTUK University Nominee
3	Dr. K. Venkata Ramanaiah, Professor, Department of ECE, University College of Engineering, Yogi Vemana University, Prodattur. Kadapa Dist.	Subject Expert
4	Dr. K. Naga Srinivasa Rao Batta, Assistant Professor, Department of ECE, NIT, Warangal	Subject Expert
5	Mr. T. Seetha Ram Kumar, Sub Divisional Engineer, BSNL, Guntur	Nominee from Industry
6	Dr. V. Anil Kumar, Associate Professor, IIITH, Hyderabad	Nominee from Alumni
7	Maracha appear argingering conege,	Principal ASARAOPETA ENGINEERINGSSERENE (AUTONOMOUS) VARASARAOPET - 522 601.

Guntur (Dist.). A.r.

	<b>~</b>	<del></del>
8	Dr. K. Raju, Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
9	Dr. B. Raghavaiah Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
10	Dr. Amit Gupta Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
11	Dr. A.V.: Nageswara Rao, Associate Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
12	Dr. Sk. Bajidvali Associate Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
13	Dr. R. Sambasiva Nayak Assistant Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
14	Mr. J. V. K. Ratnam, Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)
15	Mr. P. S. S. Chakravarthy, Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)

#### ITEM No. 1:

Discussion on R19-Syllabus of III B.Tech and IV B.Tech Electronics and Communication Engineering.

After detailed discussions, the board expressed their suggestions and views regarding III and IV B.Tech in Electronics and Communication Engineering R19 Syllabus. The following suggestions/amendments/recomm@midations are given by the members of the board.

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

B. Teth, I Semester, Computer Ornarias ARAGPET Migrosogcessors Guntur (Dist.); A.P.

- 2. In III B.Tech, I Semester, Computer Organization and Microprocessors subject add 8257 DMA controller in Unit-V.
- 3. In III B.Tech, I Semester Linear & Digital IC Applications Lab few Linear IC experiments can be conducted using simulation software.
- 4. In III B.Tech, I Semester Skill Lab can be renamed as Technical Skill Lab.
- 5. In IV B.Tech, I Semester Data Acquisition and Tranmission subject any topics repeated in Electronic Measurements and Instrumentation of III B.Tech, II Semester can removed.
- 6. In IV B.Tech, I Semester VLSI Design subject syllabus will be shared by one of the BOS member and can be updated accrodingly.
- 7. In IV B.Tech, I Semester Image Processing subject the faculty can be instructed to conduct some handson sessions, otherwise few experiments related to the Image Processing can be included in Digital Signal Processing Lab syllabus.
- 8. In IV B.Tech, II Semester Analytical Intrumentation subject Unit-IV title can be chaned as Spectrophotometers.

#### ITEM No. 2:

Discussion on R19-Syllabus for the subjects offered by ECE department to other departments.

After detailed discussions, the board expressed their suggestions and views regarding R19-Syllabus for the subjects offered by ECE department to other departments. The following suggestion/amendment/recommendation is given by the members of the board.

1. In III B. Tech., I Semester Electrical and Electronics Engineering branch, Signals and Systems subject title can be chaged as Introduction to Signals and Syetems.

#### ITEM No. 3:

Finalization of Courses offered to a student who readmitted into NEC(A) R19 regulations from NEC(A) R16 regulations.

After detailed discussions, the board has finalized the Courses offered to a student who readmitted into NEC(A) R19 regulations from NEC(A) R16 regulations.

ITEM No. 4:

General suggestions by the members

NARASARAOPETA FUG nd syllabus can be included in all the Labor AUTONOMOUS) NARASARAOPET - 522 661.

Guntur (Dist.), A.P.

#### Meeting concluded with thanks to the Chair.

(Dr. V. VENKATA RAO)

Chairman BOS (ECE)

(Dr. N. Balaji)

(Dr. K. Venkata Ramanaiah)

(Mr. T. Seetha Ram Kumar)

V And Kumor

(Dr. V. Anil Kumar)

B.K.N. Scinn

(Dr. K. Naga Srinivasa Rao Batta)

(Dr. K. Srinivasa Ravi)

(Dr. K. Raju)

(Dr. B. Raghavaiah)

(Dr. Amit Gupta)

(Dr. A.V. Nageswara Rao)

(Dr. R. Sambasiva Nayak)

Ka Ratnam)

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) NARASARAOPET - 522 601.

Guntur (Dist.), A.P.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## R16 Regulations:

22/6/2016 - 1st year B. Tech. (1st & 2nd Semester) IBOS:

External Members Attended:

S.No.	ernal Members Atte	Designation	Address	Remarks
1	Dr.E.V.Prasad	Director	LBRCE, Mylavaram	Member Nominee of CAC
2	Dr.M.H.M.Krishna Prasad	Professor	Dept. of CSE, UCEK, JNTUK Kakinada	Member Nominee of JNTUK Kakinada
3	Mr.V. Santosh Kumar T	Software Development Engineer – II	Flipkart Internet Private Ltd., Banglore	Member Industry Representative
4	Dr. Ch. Rupa	Assoc. Professor	V. R.Siddarda Engineering College, Vijayawada	Member Alumni Representative

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# Resouttions Made:

\* All department

of I Bitech Ison is \* Professional ethics. moved to II B. Tech II sem as an audit Course.

\* MFCS syllabus has to be reduced.

\* Vava Programming Little should be changed

to 800RS Through Java.

\* Application Development technologies in III/I is renamed as "Front-end web Technologies",

- aus 16 corresponding lab

Cyber Security (IIIII) is replaced with Cryptography & network security " cyber security is

\* Advanced Tava with frame works & server-side web Programming is renamed as Advanced-Java & web. Technologies, as is corresponding lab.

Business Analytics (III) is renamed as
11 Big Data Analytics. Hadoop & Big data, Cryptography & Networksecuity should be removed from

Proffessional elective-III.

Advanced web Application Developerson toperson AUTONOMOUS renamed as Nacoby Fragramming

finalized all subjects should be be BOS meeting, inpossible. All the faculty confees
supposed to atoms the almost two text-books should be Form every subject be more text books, for prescribed. There course structure g approved.

By ech Subjects, structure g syllabi are approved.

Tech Course structure g syllabi are approved. signature Ty Dr. S. N. Titumale Rap., chalman Bas. S.Tir 2) Dr. E. V. Prasado - Birector, LBRCE, Member - Bas Will 3) Dr. M.H.M Krissma Prasad, Prof, TNTUK, University 4) Dr. Ch. Ruba, Por VRSiddaetta Engg. Collège, Alumi Membes — A in and the second of the Guntur (Dist.), A.P.

# NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET



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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Guntur District, Andhra Pradesh, INDIA Phone No: 08647 - 239912. Fax No: :08647-239902

E -- mail: nrtec es@yahoo.com Website: http://www.nrtenggeollege.com

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dt: 13/5/2017

#### **BOS MEETING**

#### AGENDA

- Welcome Address by BOS chairman.
- Introduction of BOS members by BOS chairman.
- Discussion on Curriculum and content.
- General suggestion by members.
- Approval of II B.Tech. Subjects, Syllabi.
- Vote of thanks by Dr .B. Jhansi Vazram.

(AUTONOMOUS) NARASARAOPET - 522 001.

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### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

II BOS: 13/5/2017 – 2<sup>nd</sup> year B. Tech. & 3<sup>rd</sup> Year B. Tech. (1<sup>st</sup> & 2<sup>nd</sup> Semester)

External Members Attended:

S.No.	NAME	Designation	Address	Remarks
1	Dr.E.V.Prasad	Director	LBRCE, Mylavaram	Member Nominee of CAC
2	Dr.M.H.M.Krishna Prasad	Professor	Dept. of CSE, UCEK, JNTUK Kakinada	Member Nominee of JNTUK Kakinada
3	Mr.V. Santosh Kumar T	Software Development Engineer – II	Flipkart Internet Private Ltd., Banglore	Member Industry Representative
4	Dr. Ch. Rupa	Assoc. Professor	V. R.Siddarda Engineering College, Vijayawada	Member Alumni Representative

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The following are the members of BOS meeting of CSE department held on 13/5/2017 at Narasaraopeta Engineering

S.No.	Name	Category	Designation
1	Dr.S.N.Tirumala Rao	Professor & HOD	Chairman
2	Dr.B.Jhansi Vazram	Professor	Member
3	Dr.S.Sagar Imambi	Professor	Member
_ 4	Mrs.G.L.N.Jayapradha	Assoc.Professor	Member
5	T.Surekha	Assoc.Professor	Member
6	Mr.K.Lakshmi Nadh	Assoc.Professor	Member
7	Mr.S.Siva Nageswara Rao	Assoc.Professor .	Member
8	Mr. Om Prakash Samantray	Assoc.Professor	Member
9	Mrs.M.Sireesha	Asst.Professor	Member
10	Dr.E.V.Prasad .	Director, LBRCE	Member Nominee of CAC
11	Dr.M.H.M.Krishna Prasad	Professor,UCEK, JNTUK Kakinada	Member Nominee of JNTUK Kakinada
12	Mr.V. Santosh Kumar T	Software Development Engineer – II , Flipkart Internet Private Ltd.	Member Industry Representative
13	Dr. Ch. Rupa	Asso.Professor , V. R.Siddarda Engineering College	Member Alumni Representative
14	Dr. Suresh	KLU Vijayawada	Special Invitee
	Sri Venkatesh	UCEV vizianagaram	Special Invitee



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date:13/05/2017

### Minutes of the Board of Studies (BOS) meeting

- While preparing the syllabus, it is advised to refer the syllabus offered under Q.E.E.E.
  Programme, NPTEL online courses, Spoken tutorials and it is highly advisable to use
  the same, and need to be updated, if require to compete in GATE
- Course outcomes and Programme outcomes (CO-PO) mapping table must be included in the syllabus book, Bloom's taxonomy should be utilized while preparing COs for the course.
- 3. Text book references at the end of each unit must be removed and advised to include Unit names at the end of the syllabus and under the head of Text Books: e.g., Pang-Ning Tan, Michael Steinbach, Vipin Kumar, Introduction to Data Mining, Addison-Wesley, 2006 (Unit I, II, IV)
- 4. At the end of the course syllabus, include popular websites related to the course, open source tools as additional resources e.g.,
  - o NPTEL course library (Ref.no)
  - O Popular Websites like <a href="https://www.analyticsvidhya.com/">https://www.analyticsvidhya.com/</a> in case of Data Analytics, and <a href="https://www.tutorialspoint.com/java/index.htm">https://www.tutorialspoint.com/java/index.htm</a> for java programming
- 5. Advised to upload the complete course syllabus in the college website.

#### Other discussions:

- Members discussed on Criteria-3 (NBA), i.e., assessment and attainment of COs, POs and PSOs.
- 2. Corresponding documentary proof needs to be maintained (obtained from the stake holders) for making every update to the syllabus of the course(s).
- . 3. Course codes have to be added to the courses.
- 4. Course tutorials/assignments have to be added as annexure.
- 5. Edition and year of publication are required to be mentioned for every text book and reference book.
- 6. Syllabus, content, additional Course links must be there in the course file maintained by the faculty.

Principal
NARASARAOPETA ENGINEERING COLLEGE
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## Members Attended

S.No	Names	Signature
1	Dr.S.N.Tirumala Rao, Chairman, BOS	S.77,000
2	Dr.M.H.M.Krishna Prasad, Professor, UCEK.JNTUK Kakinada, JNTUK Nominee.	May 12017
3	Dr. Ch. Rupa. Professor, V. R.Siddartha Engineering College, Member, Alumni Representative	137.5/17
4	N. Venkatesh, Asst.Professor, UCEV, Viayanagaram, Special Invitee	M713/17
5	Dr.B.Jhansi Vazram, Professor Member	13/5/12/7
6	Dr.S.Sagar Imambi, Professor Member	80/al 2 mi
7	Mrs.G.L.N.Jayapradha, Assoc Professor Member	A 1300/17
8	T.Surekha, Assoc Professor Member	Relina /13/5/17
9	Mr.K.Lakshmi Nadh, Assoc Professor Member	Khod 8/5/12
10	Mr.S.Siva Nageswara Rao, Assoc Professor Member	Distrib
11	Mrs.M.Sireesha, Assoc Professor Member	\$ 13/5/19

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## NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, ISO 9001: 2008 Certified Accredited by NAAC with 'A' Grade, Accredited Twice by NBA)

Dt. 19/04/2018

## Agenda for the Board of Studies (BoS) meeting for UG (B. Tech-CSE)

#### Programme

## Scheduled on 20-04-2018

- 1. Welcome address by Chairman
- 2. Introducing the members of Board of Studies of Computer Science and Engineering
- 3. View on R16 regulation semester wise course structure
- 4. Discussion and Approval of III & IV B.Tech (I & II semester) subjects and syllabi.
- 5. Discussion and Approval of Professional Electives
- 6. Discussion and Approval of Open Electives
- 7. Discussion and Approval of Mandatory Course (MC) (MOOCS, etc.)
- 8. Approval of Equivalence subjects for re-joined students.
- 9. Approval of Sports / Yoga regulations
- 10. General suggestions by members
- 11. Any other matter with the permission of the chair (AICTE Mode) curvicule
- 12. Vote of thanks

Dr.S.N.Tirumala Rao Chairman, Board of Studies

Dept. of CSE Bos deliked to veriew the The Subjects o Copy to:

1) Principal for information

· 2) Members of BoS

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## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

III BOS: 20/4/2018 – 4<sup>th</sup> year B. Tech. (1<sup>st</sup> & 2<sup>nd</sup> Semester)

External Members Attended:

S.No.	NAME	Designation	Address	Remarks
1	Dr.E.V.Prasad	Director	LBRCE, Mylavaram	Member Nominee of CAC
2	Dr.M.H.M.Krishna Prasad	Professor	Dept. of CSE, UCEK, JNTUK Kakinada	Member Nominee of JNTUK Kakinada
3	Mr.V. Santosh Kumar T	Software Development Engineer – II	Flipkart Internet Private Ltd., Banglore	Member Industry Representative
4	Dr. Ch. Rupa	Assoc. Professor	V. R.Siddarda Engineering College, Vijayawada	Member Alumni Representative

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E-mail: nrtec cs@yahoo.com Website: http://www.nrtenggcollege.com

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dt. 18/4/2018

The following faculty members are requested to attend the Computer Science & Engineering Board of Studies (BoS) meeting on 20-4-2018 at 10.00 AM in the CSE Seminar Hall.

S.No.	Name	Category	Designation	Specialization	Signature
	Dr.S.N.Tirumala Rao	Professor & Head	Chairman	Data Mining and Parallel Processing	5.717" -
2	Dr.B.Jhansi Vazram	Professor	Member	Network Security	rst.
·3	Dr.K.Lakshmi Nadh	Assoc.Professor	Member	Computer Networks	Rived
4	Dr.S.Siva Nageswara Rao	Assoc.Professor	Member	Mobile Computing	2
5	Mrs.G.L.N.Jayaprada	Assoc.Professor	Member	Bioinformatics	<b>A</b>
6	Mr. Om Prakash Samantray	Assoc.Professor	Member	Information Security & Data Mining	Jew.
7	Mrs. MSireesha	Assoc. Professor	Member	\ Data Mining	\$

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Principal
NARASARAOPETA ENGINEERING COLLEGE
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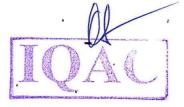
E – mail: nrtec cs@yahoo.com Wilsite: http://www.nrtenggcollege.com

## DEPARTMENT OF COMPUTER: SCIENCE AND ENGINEERING

Dt. 20/04/2018

The following members have attended Board of Studies (BOS) meeting of CSE Départment held on 20/04/2018 at Narasaraopeta Engineering College.

S.No.	Name	Category	Designation	Specialization	Signature	
1	Dr.S.N.Tirumala Rao	Professor & HOD	Chairman	Data Mining and Parallel Processing	SiTIBU	
2	Dr.B.Jhansi Vazram	Professor .	Member	Network Security	200	1
3	Mrs.G.L.N.Jayapradha	Assoc.Professor	Member	Bioinformatics	a	
4	K.Lakshmi Nadh	Assoc.Professor	Member	Computer Networks	Khod	<u> </u>
5	S.Siva Nageswara Rao	Assoc.Professor	. · Member	Mobile Computing	0	}
6	Mr. Om Prakash Samantray	Assoc.Professor	Member	Information Security & Data Mining	Jon	 
7	Mrs.M.Sireesha	Assoc.Professor	Member	Data Mining	<b>A</b>	-
8	K. Hazarathiah	Assoc.Professor	Member	Computer Networks	WAL	
9	O . Gandhi	Asst.Professor	Member	Data Mining	W	
9	Dr.E.V.Prasad	Director, LBRCE	Member Nominee of CAC	Parallel Programming	·	
10	Dr.M.H.M.Krishna Prasad	Professor,UCEK, JNTUK Kakinada	Member Nominee of JNTUK Kakinada	Machine Learning	Mm	
11	Mr.V. Santosh Kumar T	Software Development Engineer – III, Flipkart Interno: Private Ltd., Bengaluru.	::::::::::::::::::::::::::::::::::::::	Big Data	3	
12	Dr. Ch. Rupa	Professor, V. R.Siddarda Engineering College, Vijayawada	Member Alumni Representative	Information Security	2	



Chairman - BOS



# Minutes of the 3rd BOS Meeting held on 20/4/2018 at Narasaraopeta Engineering College - Reg.

Prof MHM Krishna Prasad <a href="mailto:realization">hazarath.munaga@gmail.com>Reply-To: krishnaprasad.mhm@gmail.com">hazarath.munaga@gmail.com>To: "Dr. Jhansi Vazram Bolla" <a href="mailto:realization">jhansi Vazram Bolla" <a href="mailto:realization">jhansi Vazram Bolla" <a href="mailto:realization">jhansi Nazram Bolla"</a>

Tue, Apr 24, 2018 at 8:20 PM

PFA...

[Quoted text hidden]

\*Dr MHM Krishna Prasad,\*
M.Tech, FellowShip (U. of Udine, Italy), Ph.D.,
Professor in CSE & \*Coordinator - TEQIP-II\*
University College of Engineering Kakinada (A)
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http://sites.google.com/site/munaga71/
University Website: http://jntuk.edu.in/
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## NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET

(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (Affiliated to JNTU Kakinada, Accredited by NBA and ISO 9001:2008 Certified)

Dt. 20/4/2018

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## Minutes of the 3<sup>rd</sup> Board of Studies (BoS) Meeting held on 20-4-2018

- 1. As the college is UGC autonomous, it is advised to have department meeting on AICTE mandate and specifically atleast 50% of the faculty need to do concern MOOC course under Swayam / NPTEL.
- 2. It is advised to discuss at department level regarding AICTE Model curriculum
- 3. Immeasurable words like Understand should be avoided but may include the verbs under understanding cognitive level of revised Bloom's taxonomy.
- 4. While preparing the course outcomes for the courses (advised to have 4 to 6), it is suggested to follow HLIs viz., IITK, NITW etc., and concern faculty member need to rewrite with his own level of understanding.
- 5. Course Outcomes of the courses (along with revised Bloom's Taxonomy) should be sent to external question paper setters.
- 6. For the better convenience to the students, it is advised to swap the MOOCs course of III. B. Tech. - I Sem with the Mini Project Work of IV B. Tech. - I Sem.
- 7. As the department is planning for NBA accreditation, atleast 50% of faculty need to do pedagogy course offered by IIT-Kharagpur (NPTEL).
- 8. Every course need to have online hyperlinks of NPTEL courses, if possible.
- 9. It is advised to form industry consultation committee to see the existing course structure and syllabi aiming to enhance placement opportunities.
- 10. Probable list of courses need to be added under electives (MOOCs).

e Engineering is (clust addur (UL; A.P Max. NARRESTANCE

Yallamanda (Post), Kotappakonda Road, Narasaraopet – 522601, Guntur Dt., A.P. India.

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#### NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET

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Contd....

#### 11. Subject wise comments:

- 1. CRT related mandatory courses should be named as Skill Enhancement Course\_Part-1, Skill Enhancement Course\_Part-2, etc., instead of Aptitude, Reasoning etc.
- 2. N-queens concept should be added to Design and Analysis subject.
- 3. Thomas H. Cormen Book and MIT online references should be added to DAA subject under references.
- It is advised to add NoSQL databases online references and add few concepts like CAP Theory to Distributed Databases Subject.
- 5. List of Experiments laboratories are need to enhance by including questions / programmes asked in MOOC courses (NPTEL online exam).
- Data mining Map (http://www.saedsayad.com/data\_mining\_map.htm) by Dr saed sayad should be included as online reference for data Warehousing and Data Mining subject.
- 7. It is better to add Data Sets and Data Frames concepts (optimized version of RDDs) to the Big Data Analytics subject.
- 8. It is advised to add online reference (https://www.coursera.org/learn/machine-learning) for Machine Learning by Andrewng.

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Principal
NARASARAOPETA ENGINEERING

Chairman BOS & Head, Dept. of CSE

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# NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (Autonomous)

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

#### R19 Regulations:

1BOS: 25/7/2019 - 1st year B. Tech. (1st & 2nd Semester)

External Members Attended:

S.NO	NAME	Designation	Address	Remarks	
1	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	JNTUK Nominee	
2	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT,Warangal	Subject Expert	
3	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	Subject Expert	
4	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College Vijayawada	Alumni Representative	
5	V Santhosh Kumar Tangudu	Software Development Engineer – III	Flipkart Internet Private Ltd. Banglore	Industry Representative	

Principal
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601.
Guntur (Dist.), A.C.

### NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (AUTONOMOUS)



(Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA, ISO 9001:2008 Certified Institution) KotappakondaRoad, Yellamanda (Post), Narasaraopet - 522601, Guntur District, Andhra Pradesh, INDIA Phone No: 08647 - 239912, Fax No.: 08647-239902

E-mail: nrtec cs@yahoo.com Website: http://www.nrtenggcollege.com

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 25/09/2019

### Minutes of the R19(CSE) - 1st Board of Studies (BOS) Meeting

- 1. With slight modifications the B. Tech course structure is approved by all the BOS members.
- 2. The BOS committee has suggested six subjects and one lab in first two semesters of the M. Tech. Course structure instead of 5 subjects and two labs and is incorporated.
- 3. Functional Programming course was suggested by the JNTUK nominee as a Professional Elective in I M. Tech. -II Semester and it is incorporated.
- 4. Foundations of Data Science and Data Science Lab courses were suggested by JNTUK nominee as regular courses in I M. Tech-II Semester and it is incorporated.
- 5. It was decided by the BOS members that the computer organization and Operating System subjects should be considered as a single course and is made accordingly.
- 6. It was decided by the BOS members that the Artificial Intelligence and Machine Learning courses should be considered as a single regular course and is made accordingly.
- 7. The M. Tech course structure was modified and got approved by the BOS committee.
- 8. It is decided that the BOS chairman can incorporate corrections/modifications (if any) further also according to the regulations of the college.
- · 9. Advised to upload the complete course syllabus in the college website.
  - 10. The members have approved the following current Industry needed subjects:
    - Machine Learning
    - Deep Learning
    - Digital Forensics
    - Data Science
    - DevOps
    - Agile with Scrum
    - Mean Stack Web Development
    - Machine Learning Lab
    - CNS Lab

NARASARAOPETA E NARASARAOPET -Guntur (Disc.)

Chairman - BOS

**CHAIRMAN** BoS - CSE Dept. NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) NARASARAOPET - 522 601.

Guneur (Live.), A.P.



## NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (AUTONOMOUS)



(Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA, ISO 9001:2008 Certified Institution)
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Phone No: 08647 - 239912, Fax No.: 08647-239902

E-mail: nrtec cs@yahoo.com Website: http://www.nrtenggcollege.com

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 25/0#/2019

#### Minutes of the Board of Studies (BOS) meeting

- 1. With slight modifications the B. Tech course structure is approved by all the BOS members.
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- 8. It is decided that the BOS chairman can incorporate corrections/modifications (if any) further also according to the regulations of the college.
- 9. Advised to upload the complete course syllabus in the college website.

MARASARAOPETA ENGINEERING COURSE.

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## NASAR OPETA ENGINEERING COLLEGE

(AUTONOMOUS)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, ISO 9001: 2008 Certified Accredited by NAAC with 'A' Grade, Accredited Thrice by NBA)

Date: 24-07-2019

<u>.                                    </u>	The following BOS members have attended the meeting held on 25/7/2019 in CSE Department at Narasaraopeta Engineering College.								
SNO	NAME	Designation	Address	Contact Number	Remarks	Signature			
1	Dr S.N.Tirumala Rao	Professor& HOD	Dept. CSE, NEC	9885271324, nagatirumalarao@gmail.com	Chairman	5 17/14 -			
2	Dr O. Srinivasa Rao	Associate Professor	Dept. CSE, JNTUK,	9441951718 osr_phd@yahoo.com	JNTUK Nominee	osh			
3	Dr R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9490164984) 94913 rbvs66@gmail.com	46969 Subject Expert	KBA8punhu			
4	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	9440065256 vallikumari@gmail.com	Subject Expert				
5	Dr Ch.Rupa	Professor	VR Sidhrdha Èngineering College Vijayawada	9848690640 rupamtech@gmail.com	Alumni Representative				
6	V Santhosh Kumar Tangudu	Software Development Engineer – III	Flipkart Internet Private Ltd. Banglore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	J. V. Saultel +			
Ž	Dr. B. Jhansi Vazram	Professor	Dept. CSE, NEC	9908888519 Jhansi.bolla@gmail.com,	Member	rest.			
8	Dr.S.V.N.Srinivasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	200			
9	Dr. K.Lakshmi Nadh	Associate Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	Thed			
10	Dr S.Sivanageswara Rao	Associate Professor	Dept. CSE, NEC	8977987777 drssnr@yahoo.co.in	Member	8/			
11	Dr M.Venkata Reddy	Associate Professor	Dept. CSE, NEC	9703223757 venkat.medikonda@gmail.com	Member	( Service			
12	Mrs.G.L.N.Jayapradha	Associate Professor	Dept. CSE, NEC	9848891421 njayaprada@yahoo.co.in	Member				
13	Mrs,M.Sircesha	Associate Professor	Dept. CSE, NEC	9492468445 / moturisireesha@gmail.com	Member	\$			

Principal

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPET - 522 601.

Guntur (Dist.), A.P.

Sairwan, BOS

# NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (Autonomous) DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

II BOS: 10/2/2021 - 2<sup>nd</sup> year - 4<sup>th</sup> year B. Tech. (1<sup>st</sup> & 2<sup>nd</sup> Semester)

xternal N	1embers	Attended
TEGETALE IV	TOTTTOOLS	TILLUI

S.NO	NAME	Designation	Address	Remarks
1	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	JNTUK Nominee
2	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT,Warangal	Subject Expert
3	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	Subject Expert
4	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College Vijayawada	Alumni Representative
5	V Santhosh Kumar Tangudu	Software Development Engineer – III	Flipkart Internet Private Ltd. Banglore	Industry Representative

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Principal

NARASARAOPETA EMGINEERING COMPAGE

(AUTONOMOUS)

NARASARAOPET - 55:

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### NARASARAOPETA ENGINEERISNG COLLEGE :: NARASARAOPET DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## 2<sup>nd</sup> BOS MEETING HELD ON 10-02-2021 FOR R19 CSE (3&4) CURRICULUM

#### Minutes of Meeting

Dt. 10/2/2021

BOS meeting is conducted on 10-02-2021 (Wednesday) to finalize the Course structure of R19 CSE 3rd and 4th Years.

#### Minutes of Meeting:

- 1. In 3-1, PE-1 subjects are changed. Data Science as DWDM, Web Services as Computer Graphics and Software Requirements Estimation as Software Testing.
- 2. OS&OOAD lab changed as OS&UML Lab.
- 3. Also, they proposed one LAB from PE-1 subjects. (PE-1 Lab)
- 4. In 3-2, ML (Machine Learning) subject was replaced by CNS (cryptography & network security) with Lab.
- 35. In PE-2, High Performance Computing is replaced by Mobile Computing subject.
- 6. They proposed AI (Artificial Intelligence) Lab and PE-2 Lab. (from PE-2 subjects)
- 7. In 4-1, CNS is replaced by ML.
- 8. in PE-3, DWDM, MC and Cyber Security are replaced by Data Science, Cloud computing and Digital Forensics, respectively.
- 9. in PE-4, Deep Leering, IoT, Inter-Networking with TCP/IP and STM are changed as Design Patterns, Mobile Adhoc & Sensor Network, HCI, Block Chain Technologies.
- 10. ML Lab and PE-3 Lab (from PE-3 subjects) are introduced.
- 11. In 4-2, Few PE-5 subjects are changed. Mobile Adhoc & Sensor Network as IoT, Design Patterns as Deep Learning, HCl as Inter-Networking with TCP/IP, respectively.

12. in PE-6, Block Chain Technologies is replaced by SPM.

**Board of Studies** 

NARASARAOPETA ENGINEERING COLUGE

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# NARASAPAOPETA ENGINEERING COLLEG: :: NARASARAOPET (AUTONOMOUS)

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING R19 – B. Tech.(CSE) - Board of Studies (BOS)

#### CIRCULAR

We are pleased to inform you that the Department Computer Science and Engineering, Narasaraopeta Engineering College (Autonomous), is going to organize R19-B.Tech(CSE) 3&4 years - 2<sup>nd</sup> Board of Studies (BOS) (5<sup>th</sup> BOS since Autonomous status) meeting on 10/02/2021 (Wednesday) in online mode from 3:00PM onwards. All the members are requested to attend without fail.

s.no	NAME	Designation	Address	Contact Number	Remarks	Signature
1	Dr. S.N.Tirumala Rao	Professor& Head	Dept. CSE, NEC	9885271324, nagatirumalarao@gmail.com	Chairman	200
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	126
3	Dr. G. Syam Prasad	Professor	Dept. CSE, NEC	9989834447, syamprasad.gudapati@gmail.com	Member	1
4	Dr.S.V.N.Srini Vasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	99
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	Kled
6	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member	T.V. 8-K2
7	Dr. S. Sivanageswara Rao	Asso.Prof	Dept. CSE, NEC	8977987777, drssnr@yahoo.co.in	Member	0
8	Dr. M.Venkata Reddy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat.medikonda@gmail.com	Member	Cust
9	G.L.N.Jayaprada •	Asso.Prof	Dept. CSE, NEC	9848891421, gjayaprada74@gmail.com	Member	0
10	M.Sireesha	Asso.Prof	Dept. CSE, NEC	9492468445 moturisireesha@gmail.com	Member	8
11	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	9441951718, osr_phd@yahoo.com	JNTUK Nominee	, .
12	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9491346969, rbvs66@gmail.com	Subject Expert	
13	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	NARASARAOPETA ENGINEERIN 9440065256 vallikumari@gmail 600 MOUS	CSubject Expert	

Guntur (Dist.), A.P.

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	16			VR Sidhrdha		Alumni	
1	14	Dr. Ch.Rupa	Professor	ngineering College Vijayawada	9848690640, rupamtecii@gmail.com	Represent ative	
	15	V Santhosh Kumar Tangudu	Software Development Engineer – III	Flipkart Internet Private Ltd. Banglore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Represent ative	

HoD & Chairman, BOS - CSE

JOAC .

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NARASARAOPET - 522 601.
Guntur (Dist.), A.P.



# NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPET (AUTONOMOUS)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

R19 - B. Tech.(CSE) - Board of Studies (BOS)

## ATTENDANCE SHEET

We are pleased to inform you that the Department Computer Science and Engineering, Narasaraopeta Engineering College (Autonomous), is going to organize R19-B.Tech(CSE) 3&4 years - 2<sup>nd</sup> Board of Studies (BOS) (5<sup>th</sup> BOS since Autonomous status) meeting on 10/02/2021 (Wednesday) in online mode from 3:00PM onwards. All the members are requested to attend without fail.

SNO	NAME	Designation	Address	Contact Number	Remarks	Signature
1	Dr. S.N.Tirumala Rao	Professor& Head	Dept. CSE; NEC	9885271324, nagatirumalarao@gmail.com	Chairman	SP
·2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	red
3	Dr. G. Syam Prasad	Professor	Dept. CSE, NEC	9989834447, syamprasad.gudapati@gmail.com	Member	
4	Dr.S.V.N.Srini Vasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	85
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.comPrincipal	Member`	Red

(AUTONOMOUS)
NARASARAOPET - 522 601.
Guntur (Dist.), A.P.

			F.	
6	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna0

6	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member ·	T.V.S. Kish
7	Dr. S. Sivanageswara Rao	Asso.Prof	Dept. CSE, NEC	8977987777, drssnr@yahoo.co.in	Member	Q -
8	Dr. M.Venkata Reddy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat.medikonda@gmail.com	Member	1997
9	G.L.N.Jayaprada	Asso.Prof	Dept. CSE, NEC	9848891421, gjayaprada74@gmail.com	Member	4
10	M.Sireesha	Asso.Prof	Dept. CSE, NEC	9492468445 moturisireesha@gmail.com	Member	\$
11	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	9441951718, osr_phd@yahoo.com	JŅTUK Nominee	-
12	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9491346969, rbvs66@gmail.com	Subject Expert	
13	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	9440065256 vallikumari@gmail.com	Subject Expert	,
14	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College Vijayawada	9848690640, rupamtech@gmail.com	Alumni Representative	Te
15	V Santhosh Kumar Tangudu	Software Development Engineer – III	- Flipkart Internet Private Ltd. Banglore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	

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Principal
NARASARAOPETA ENVINEERING COLLEGE
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NARASARAOPET - 522 601.
Guntur (Dist.), A.P.

HoD & Chairman, BOS - CSE

# NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (Autonomous)

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### **BOS CONDUCTED DATES**

**R20 Regulations:** 

IBOS: 18/12/2020 - 1st year B. Tech. (1st & 2nd Semester)

External Members Attended:

S.NO	NAME	Designation	Address	Remarks
1	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	JNTUK Nominee
2	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	Subject Expert
3	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	Subject Expert
4	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College Vijayawada	Alumni Representative
5	V Santhosh Kumar Tangudu	Software Development Engineer – III	Flipkart Internet Private Ltd. Banglore	Industry Representative

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Principal
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601.
Guntur (Dist.), A.P.

# NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (AUTONOMOUS)

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt. 18/12/2020

## R20-BOS Minutes of the Board of Studies (BOS) Meeting held on 18/12/2020

- 1. Linux Programming Lab course is moved from I B. Tech. II Sem to I B. Tech. I Sem and L T P is made as 0.1.4 respectively.
- 2. Cse workshop Lab course is moved from IB. Tech. -I Sem to IB. Tech. -II Sem
- 3. Numerical methods with python replaced with Numerical methods and
- 4. R Programming Lab course which is initially in III B. Tech. I Sem is moved to I B. Tech. II Sem.

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Principal

NARASABADPETA ENGINEERING COMMON

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NARASARAOPET - 502 601.

Guntur (Dist.), A.P.

HOD – CSE

Chairman - BOS

CHAIRMAN
BOS - CSE Dept.
NARASARADPETA ENGINEERING CO
(AUTONOMOUS)
NARASARAOPET - 522
Guntur (Dist.), A.:

## NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (AUTONOMOUS)

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The following are submitted to the Autonomous Exam Cell on 20/2/2021:

- 1. Signature list of Board of Studies (BOS) Members attended.
- 2. Minutes of BOS members held on 18/12/2021.
- 3. R20 I B. Tech. CSE Course Structure.

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4. R20 - IB. Tech. (CSE) - I and II Sem - Syllabus.

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HOD - CSE

Chairman - BOS

CHAIRMAN BoS - CSE Dept. NARASARADPETA ENGINEERING C (SUCMONCTUA) NARASARAOPET-52 Guntur (Dist.), A.

(AUTONOMOUS) NARASARAOPET - 522 601.

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# NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPET (AUTONOMOUS)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

# R20 - B. Tech.(CSE) - Board of Studies (BOS) ATTENDANCE SHEET

Date: 18/12/2020.

We are pleased to inform you that the Department Computer Science and Engineering, Narasaraopeta Engineering College. (Autonomous), is going to organize R20-B. Tech(CSE) – 1<sup>st</sup> Board of Studies (BOS) (4<sup>th</sup> BOS since Autonomous status) meeting on 18/12/2020 (Friday) in online mode from 10:00AM onwards. All the members are requested to attend without fail.

s.no	NAME	Designation	Address	Contact Number	Remarks	Signature
1	Dr. S.N.Tirumala Rao	Professor& Head	Dept. CSE, NEC	9885271324, nagatirumalarao@gmail.com	Chairman	STO
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	1-3/
3	Dr. G. Syam Prasad	Professor	Dept. CSE, NEC	9989834447, syamprasad.gudapati@gmail.com	Member	& islam
4	Dr.S.V.N.Srini Vasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	Care
	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 NARASARAOPETA EKGI drklmn7@gmail.com (AUTONON NARASARAOPE	pal INSERING MELLIGE VIOUS)	Kurd

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Dr. T. V. Sai Krishna Dr. S. Sivanageswafa Rao Dr. M. Venkata Reddy G.L.N. Jayaprada	Professor Asso.Prof Asso.Prof	Dept. CSE, NEC  Dept. CSE, NEC  Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com 8977987777, drssnr@yahoo.co.in 9703223757, venkat.medikonda@gmail.com	Member  Member  Member  Member	Jane Jane
Dr. M.Venkata Reddy	Asso Prof	Dept. CSE, NEC	drssnr@yahoo.co.in 9703223757, venkat:medikonda@gmail.com 9848891421,	Member	· José
			venkat:medikonda@gmail.com  9848891421,	; ; ;	A 516
G.L.N.Jayaprada	Asso.Prof	Dept. CSE, NEC		Mamhar	A chi
·	1 1	544	gjayaprada74@gmail.com	. Metrioer	(100)
M.Sireesha	Asso.Prof	Dept. CSE, NEC	9492468445 moturisireesha@gmail.com	Member	· \$
Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	9441951718, osr_phd@yahoo.com	JNTUK Nominee	.08
Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9491346969, rbvs66@gmail.com	Subject Expert	b&r.gamer
Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	9440065256 vallikumari@gmail.com	Subject Expert	Mallikumali
Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College	9848690640, rupamtech@gmail.com	Alumni Representative	
T.V .Santhosh Kumar	Software Development	Flipkart Internet Private Ltd. Banglore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	2
	Dr. O. Srinivasa Rao  Dr. R.B.V.Subramanyam  Dr.V.Valli Kumari  Dr. Ch.Rupa	M.Sireesha Asso.Prof  Dr. O. Srinivasa Rao Professor  Dr. R.B.V.Subramanyam Professor  Dr. V. Valli Kumari Professor  Dr. Ch.Rupa Professor  Software	M.Sireesha Asso.Prof Dept. CSE, NEC  Dr. O. Srinivasa Rao Professor Dept. CSE, INTUK,  Dr. R.B.V.Subramanyam Professor Dept. of CSE, NIT, Warangal  Dr. V. Valli Kumari Professor Dept of CS & SE Andhra University Visakhapatnam  VR. Sidhrdha Engineering College Vijayawada  T. V. Santhosh Kumar Development Private Ltd. Randlare	M.Sireesha Asso.Prof Dept. CSE, NEC 9492468445 moturisireesha@gmail.com  Dr. O. Srinivasa Rao Professor Dept. CSE, JNTUK, 9441951718, osr. phd@yahoo.com  Dept. of CSE, JNTUK, 9491346969, rbvs66@gmail.com  Dept of CS & SE Andhra University Visakhapatnam  Dr. V. Valli Kumari Professor Professor Sidhrdha Engineering College Vijayawada Psystek Ltd. Randore  T. V. Santhosh Kumar Development Private Ltd. Randore  T. V. Santhosh Kumar Development Private Ltd. Randore  T. V. Santhosh Kumar Development Private Ltd. Randore  1. J. Santhosh Kumar Development Private Ltd. Randore  9492468445 moturisireesha@gmail.com  9441951718, osr. phd@yahoo.com  9441951718, osr. phd@yahoo.com  9441951718, osr. phd@yahoo.com  9441951718, osr. phd@yahoo.com  9440065256 vallikumari@gmail.com  9848690640, rupamtech@gmail.com  1. J.	Asso.Prof Dept. CSE, NEC gjayaprada74@gmail.com  M.Sireesha Asso.Prof Dept. CSE, NEC gjayaprada74@gmail.com  Member McMember Member Mem

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Principal
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Guntur (Dist.), A.P.

HoD & Chairman, BOS - CSE

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	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	dr.saikrishna007@gmail.com		T.V.B.R.
7	Dr. S. Sivanageswara Rao	Asso Prof	Dept. CSE, NEC	8977987777, drssnr@yahoo.co.in	Member	B
:9	Dr. M. Venkáta Reďdy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat medikonda@gmail.com	Member	Just
 10	G.L.N.Jayaprada	Asso.Prof	Dept. CSE; NEC	9848891421, gjayaprada74@gmail.com	Member	Chiefox?
-11	M.Sireesha	Asso.Prof	Dept. CSE, NEC	9492468445 moturisireesha@gmail.com	Member	. D
	Dr. O. Srinivasa Rao	Professor	Dept. CSE, INTUK,	9441951718, osr_phd@yahoo.com	INTUK Nominee	oh
13	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9491346969, rbvs66@gmail.com	Subject Expert	breng guilden
14	Dr. V. Valli Kumari	Professor	Dept of CS & SE Andhra University Visekhanatnam	9440065256 vallikumari@gmail.com	Subject Expert	Kalle kumaki
15	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College	9848690640, rupamtech@gmail.com	Alumni Representative	Œ.
16	T.V .Santhosh Kumar	Software Development Engineer - III	Flipkart Internet Private Ltd. Banglore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	2
	7 10 11 12 13 14	6 Dr. T. V. Sai Krishna 7 Dr. S. Sivanageswara Rao 9 Dr. M.Venkata Reddy 10 G.L.N.Jayaprada 11 M.Sireesha 12 Dr. O. Srinivasa Rao 13 Dr. R.B.V.Subramanyam 14 Dr.V.Valli Kumari 15 Dr. Ch.Rupa	6 Dr. T. V. Sai Krishna Professor 7 Dr. S. Sivanageswara Rao Asso.Prof 9 Dr. M. Venkata Reddy Asso.Prof 10 G.L.N. Jayaprada Asso.Prof 11 M. Sireesha Asso.Prof 12 Dr. O. Srinivasa Rao Professor 13 Dr. R.B. V. Subramanyam Professor 14 Dr. V. Valli Kumari Professor 15 Dr. Ch. Rupa Professor 16 T. V. Santhosh Kumar Software Development	Dr. T. V. Sai Krishna  Professor  Dept. CSE, NEC  Dept. CSE, NTUK,  Dept. of CSE, NITUK,  Dept. of CSE, NITUK,  Dept. of CSE, NIT, Warangal  Dept of CSE, NIT, Warangal  Dept of CS & SE  Andhra University  Visakhapatnam  VK Sidhrdha  Engineering College  Vijayawada  Tipkart Internet  Private Ltd. Bandlore	Dept. CSE, NEC  Dept. CSE, NEC	Dept. CSE, NEC drawing

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Principal
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(AUTONOMOUS)
NARASARAOPET - 522 601:
Guntur (Dist.), A.P.

HoD & Chairman, BOS-CSE

# NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET (Autonomous)

#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### II BOS: 4/10/2021 - 2<sup>nd</sup> year - 4<sup>th</sup> year B. Tech. (1<sup>st</sup> & 2<sup>nd</sup> Semester)

#### including Honors and Minors

External Members Attended:

S.NO	NAME	Designation	Address	Remarks
1	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	JNTUK Nominee
2	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT,Warangal	Subject Expert
3	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	Subject Expert
4	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College Vijayawada	Alumni Representative
5	V Santhosh Kumar Tangudu	Software Development Engineer – III	Flipkart Internet Private Ltd. Banglore	Industry Representative

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Princippe NAMASARASPETA ENGINEERING COLLEGE (AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.

# NARASARAOPETA ENGINEERISNG COLLEGE :: NARASARAOPET DEPARTMENT OF COMPUTER SC IENCE AND ENGINEERING

## 2<sup>nd</sup> BOS MEETING HELD ON 10-02-2021 FOR R19 CSE (3&4) CURRICULUM

#### Minutes of Meeting

Dt. 10/2/2021

BOS meeting is conducted on 10-02-2021 (Wednesday) to finalize the Course structure of R19 CSE  $3^{rd}$  and  $4^{th}$  Years.

#### Minutes of Meeting:

- In 3-1, PE-1 subjects are changed. Data Science as DWDM, Web Services as Computer Graphics and Software Requirements Estimation as Software Testing.
- 2. OS&OOAD lab changed as OS&UML Lab.
- 3. Also, they proposed one LAB from PE-1 subjects. (PE-1 Lab)
- 4. In 3-2, ML (Machine Learning) subject was replaced by CNS (cryptography & network security) with Lab.
- 35. In PE-2, High Performance Computing is replaced by Mobile Computing subject.
- 6. They proposed AI (Artificial Intelligence) Lab and PE-2 Lab. (from PE-2 subjects)
- 7. In 4-1, CNS is replaced by ML.
- 8. in PE-3, DWDM, MC and Cyber Security are replaced by Data Science, Cloud computing and Digital Forensics, respectively.
- In PE-4, Deep Leering, IoT, Inter-Networking with TCP/IP and STM are changed as Design Patterns, Mobile Adhoc & Sensor Network, HCI, Block Chain Technologies.
- 10. ML Lab and PE-3 Lab (from PE-3 subjects) are introduced.
- 11. in 4-2, Few PE-5 subjects are changed. Mobile Adhoc & Sensor Network as IoT, Design Patterns as Deep Learning, HCI as Inter-Networking with TCP/IP, respectively.

12. in PE-6, Block Chain Technologies is replaced by SPM.

Chairman Board of Studies

BOS - CSE.

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## R19 - B. Tech.(CSE) - Board of Studies (BOS)

#### **CIRCULAR**

We are pleased to inform you that the Department Computer Science and Engineering, Narasaraopeta Engineering College (Autonomous), is going to organize R19-B.Tech(CSE) 3&4 years - 2<sup>nd</sup> Board of Studies (BOS) (5<sup>th</sup> BOS since Autonomous status) meeting on 10/02/2021 (Wednesday) in online mode from 3:00PM onwards. All the members are requested to attend without fail.

SNO	NAME	Designation	Address	Contact Number	Domasta	Signature
1	Dr. S.N.Tirumala Rao	Professor& Head	Dept. CSE, NEC	9885271324, nagatirumalarao@gmail.com	Remarks  Chairman	Signature
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	المراجع المراجع
3	Dr. G. Syam Prasad	Professor	Dept. CSE, NEC	9989834447, syamprasad.gudapati@gmail.com	Member	
4	Dr.S.V.N.Srini Vasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	00
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	Thed
6	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member	
7	Dr. S. Sivanageswara Rao	Asso.Prof	Dept. CSE, NEC	8977987777, drssnr@yahoo.co.in	Member	T.V.S.K
8	Dr. M.Venkata Reddy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat.medikonda@gmail.com	Member	Curt
9	G.L.N.Jayaprada :	Asso.Prof	Dept. CSE, NEC	9848891421, gjayaprada74@gmail.com	Member	Care
10	M.Sireesha	Asso.Prof	Dept. CSE, NEC	9492468445	Member	<u> </u>
11	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	moturisireesha@gmail.com 9441951718, osr_phd@yahoo.com	JNTUK	<i>P</i>
12	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9491346969, rbvs66@gmail.com	Nominee Subject	
13	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	9440065256 vallikumari@gmail.com	Expert Subject Expert	

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•1	14	Dr. Ch.Rupa	Professor	VR Sidhrdha Ingineering College Vijayawada	9848690640, rupamtecu@gmail.com	Alumni Represent ative
-	15	V Santhosh Kumar Tangudu	Software Development Engineer III	Flipkart Internet Private Ltd. Banglore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Represent ative

HoD & Chairman, BOS - CSE

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# NARASARAOPETA ENGINEERISNG COLLEGE: NARASARAOPET (AUTONOMOUS) DEPARTMENT OF INFORMATION TECHNOLOGY

#### **BOS MEETING HELD ON 12-02-2021 FOR R20 IT CURRICULUM**

Date: 15-02-2021

R20 – IT – 1<sup>st</sup> BOS meeting is conducted on 12-02-2021 to finalize the I year B. Tech. Course structure and syllabus.

#### Minutes of Meeting:

- 1. According to the APSCHE Guide lines, we proposed subjects for I B.Tech I& II semester. The BOS committee has approved with some suggestion.
- 2. As per committee suggestion, Engineering Physics was replaced Applied Physics in I B.Tech I semester.
- 3. The BOS committee has suggested that to replace title of C language by Problem solving using C.
- 4. As per suggestion of committee, we add professional core as R programming lab in I B.Tech II semester.

HOD / Chairman-BOS

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# NARASARAOPETA ENGINEERISNG COLLEGE: NARASARAOPET (AUTONOMOUS) DEPARTMENT OF INFORMATION TECHNOLOGY

#### BOS MEETING HELD ON 04-10-2021 FOR R20 IT CURRICULUM

Date: 6-10-2021

R20 – IT – 2<sup>nd</sup> BOS meeting is conducted on 04-10-2021 to finalize the II, III & IV year B. Tech. Course structure and syllabus.

#### Minutes of Meeting:

- 1. We proposed and submit the subjects and syllabus for II,III and IV year to the committee. The committee has given few suggestions and comments.
- 2. The committee suggested to move ACD subject from II B.tech II sem into III B.Tech I sem .
- 3. As per committee suggestion, SE&UML was introduced in II-II, instead of DAA lab.
- 4. Regarding Professional Electives, we proposed four subjects in each elective but committee has suggested that three subjects in each elective.
- 5. As per suggestion of committee, we introduced Agile Methodologies subject in III B.Tech I semester and also introduced DevOps Lab.
- 6. Committee has proposed some Skilling courses. we put Digital Marketing as SOC in IV B.Tech I semester.

HOD / chairman-BOS

Principal NARASARAOPETA ENGINEERING COURSE

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# NARASARAOPETA ENGINEERISNG COLLEGE: NARASARAOPET (AUTONOMOUS)

### **DEPARTMENT OF CSE (AI)**

### BOS MEETING HELD ON 21-10-2021 FOR R20 CSE(AI) CURRICULUM

Date:22-10-2021

R20 – CSE (AI) –  $2^{nd}$  BOS meeting is conducted on 21-10-2021 to finalize the II, III & IV year B. Tech. Course structure and syllabus.

#### Minutes of Meeting:

- 1. The committee advised to focus and cover more advanced respective subjects in all semesters.
- 2. The committee suggested that cover all new topics in the respective AI related subjects.
- 3. The title of the Data Science course which we proposed in II B. Tech.- II Sem is need to be changed to II B.Tech I semester .
- 4. As per the committee suggestion, we merge FLAT and Compiler Design subjects as a single subject to create space for other new subjects to introduce.
- 5. As per suggestion of committee, we introduce some new technologies like google go, gin framework etc. in the Skilling courses.
- 6. Suggested to incorporate at least one Artificial Intelligence (AI) related course in every semester.

HOD / Chairman-BOS

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# NARASARAOPETA ENGINEERING COLLEGE:NARASARAOPET

(AUTONOMOUS)
DEPARTMENT OF MBA

(Permanently Affiliated to JNTU Kakinada, Accredited by NAAC 'A', NBA, AICTE and ISO 9001:2008 Certified)

Narasaraopet, NARASARAOPET, GUNTUR Dt. ANDHRA PRADESH -522601

# Minutes of the 1<sup>st</sup> Board of studies Meeting held on 22<sup>nd</sup> June, 2016 at 10:30 a.m in the Special officer chamber of NEC

Dr. M. Srinivasa Naryana, Chairman, Board of Studies chaired the meeting and welcomed all the members to the first Board of Studies meeting in the department of MBA. The chairman (BOS) briefed the profile of the MBA Department through his presentation. Further, the discussion on the items mentioned in the Board of Studies meeting agenda is taken up and the following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

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Narasaraopet, NARASARAOPET, GUNTUR Dt. ANDHRA PRADESH -522601

#### **MEMBERS PRESENT**

S.No	Name	Category	
1	Dr. M.Srinivasa Narayana	Chairman	
2	Prof. P. Vijay Kumar	Member JNUTK Nominee	
3	Dr. S.V. Ramana Rao	7. Ramana Rao Member Nominee of Academic Council	
4	Dr.A. Adishesha Reddy	Member Nominee of Academic Council	
5	M. Balakrishna Rao	Member Nominee of Academic Council	
6	N. Umamaheswra Rao	Member Alumini	
7	Dr. S. Venkata Ramana	Member	
8	I. Sridhar	Member	
9	T. Mallikarjuna Rao	Member	
10	P. Pattabhi Ram	Member	
11	P. Venkaiah Babu	Member	
12	K.V.B. Ganesh	Member	



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The following are the resolutions made during the meeting:

- 1. Project registration should be in II SEM not in Iv Semester (4.82)
- 2. Department Project Review committee.
- 3. There should be no supplementary exams in any Semester for PG courses
- 4. Assignment & seminar for 20Marks
- 5. Group Assignment and individually tested (Marks awarded according to performance)
- 6. External Question papers
  - a) Part-A Case study.

15 M

- b) Part-B Short Answer Questions (5Questions have to answer out of 8 Questions). 5X3=15 M
- c) Part-C choice(A or B) 6 to be given to the students has to write three questions 3X10=30 M

Total

60 Marks.

- 7. Comprehensive Viva at the end of the final semester 4\*50=200
- 8. At the end of IST Semester students should go to nearby businessmen and talk to them about business practices and business Management functions for 4 or 5 Saturdays. The student has to submit report during Comprehensive viva at the end of each semester.
- 9. Check the Course objectives and outcomes of all Subjects.
- 10. Types of Business organization to be included in M.E or B.E
- 11. Business Environment should include Auxiliary Corporate governance Act.
- 12. Principles of Management -Knooz & Donald add into Reference.

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- 13. Common course objectives for each and outcomes for each unit. Each unit objective and outcome should reflect to all units and linked with our course objective. Program objective should match with vision or mission.
- 14. MEFA & MS should be there as individual Subjects.IPR patents&Business Ethics must be compulsory in B.Tech course.
- 15. FM-Add Risk and Return
- 16. H.R- Laws to be included in last unit.
- 17. II SEM (ERP&MIS) Replace with Business Statistics.
- 18. QABD shifted to II SEMESTER and Business Statistics in I Sem.

### Signatures of the members present

- 1. Dr.M. Srinivasa Narayana
- 2. Prof.P.Vijay Kumar
- Dr. S.V. Ramana Rao
   Dr.A. Adishesha Reddy
- 5. M. Balakrishna Rao
- 6. N. Umamaheswra Rao
- 7. Dr. S. Venkata Ramana
- 8. I. Sridhar
- 9. T. Mallikarjuna Rao
- 10. P. Pattabhi Ram
- 11. P. Venkaiah Babu
- 12. K.V.B. Ganesh

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Principal

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Members present for the BOS Meeting of MBA Dept. held on 04-06-2017

S. No	rvame	Designatio	n Institution	Contact No	on 04-06-2017  Mail Id	Signature
1	Dr. M. S. Narayana	Chairman	NEC	9441128754	dr.srinivasanarayana@gmail	.c formeregal
2	Dr. P. Vijay Kumar	Member	JNTUK Nominee	9618845555	padishalavk@yahoo.co.in	Gelage
3	Dr. S. V. Ramanarao	Member	Sivasivani B- School	9959110061	ramanarao@ssim.ac.in	<b>18</b> 16.
ļ	Dr. A. Adiseshareddy	Member	LBRCE Mylavaram	9948038954	asrappidi@gmail.com	We wy
	Sri M. Balakrishna Rao	Member	Industry Rep	9848132095	maturiplastics@yahoo.com	Dellin
	N. Uma Maheswara Rao	Member	Alumini Rep	9985410326	uma888@gmail.com	Nuhwe
	Dr. S. Venkata Ramana	Member	NEC	9494413410	dr.venkataramana1@gmail.co	S. Venkate Down
	I. Sridhar	Member	NEC	9704896652	sridhartpc@gmail.com	
-	T. Mallikarjuna Rao	Member	NEC	9866271536	tmallimba@gmail.com	President C
	P. Pattabhiram	Member	NEC	8897373488	nattahhima	
	P. Venkaiah Babu		NEC			Pattablikan.
I	KVB. Ganesh		NEC		Stephen0020@gmail.com kvbganesh@gmil.com	2. June



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The following are the recommendations suggested by the Board of Studies meeting held on 04-06-2017.

- 1. Choice Based Credit System should be continued and two electives per subject is preferable.
- 2. Mergers and Acquisitions will be a part of international financial management.
- 3. Remove the subject the corporate taxation and conduct a workshop separately.
- 4. Event Management subject should be revised.
- 5. Remove the subject Market Research.
- 6. Restructure the subject MIR.
- 7. Focus on Soft Skills.
- 8. The subject Business Research Methodology should be shifted in II Sem from III Sem
- 9. Inter change of CMA and Strategic Management.
- 10. Audit papers and Non Credit courses.( Business Analytics)
- 11. Conduct Excel workshop.
- 12. Avoid duplication of topics.
- 13. Investment and Portfolio Management title should be used.
- 14. GST should be replaced in Sales of Goods Act.
- 15. Remove the title Investment Management and replace it as Investment and Portfolio Management.
- 16. Services Marketing will be renamed as Services Marketing and CRM.
- 17. Brand Management will be mixed with Sales and Distribution Management.
- 18. Inventory Control techniques ABC analysis and EOQ will be added in the subject Cost and Management Accounting.
- 19. Add types of costing.

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## SUGGESTIONS TO THE MCA SUBJECTS

- 1. Two units for the Professional Ethics.
- 2. Include Ethics in HRM, FINANCE and Marketing.

## SUGGESTION TO THE B.TECH SUBJECTS

1. Merging of B.Tech papers for not approved and members felt existing two separate papers should be continued.

1. Dr. M. S. Narayana

- Howarangan

2. Dr. P. Vijay Kumar

- Dreeman

3. Dr. S. V. Ramanarao

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4. Dr. A. Adiseshareddy

Dise vell

5. Sri M. Balakrishna Rao

- agreery

6. N. Uma Maheswara Rao

- N. whene

7. Dr. S. Venkata Ramana

- S. Venkata Pameura

8. I. Sridhar

carline. C.

9. T. Mallikarjuna Rao

-

10. P. Pattabhiram

Pilattabhiken.

11. P. Venkaiah Babu

- 7. J.

12. KVB. Ganesh

grow.

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### DEPARTMENT OF MBA BOARD OF STUDIES MEETING ON 20-07-2019

The following are the resolutions made during the meeting:

- 1. It is resolved to introduce Sales Management in the place of Event Management as a part of Marketing specialisation.
- 2. It is recommended to prepare guidelines for Mini Project and evaluation pattern.
- 3. As a part of Community Services it is advised to provide awareness about the community which is going to be served students.
- 4. It is suggested to make Leadership instead of Leadership Management.
- 5. It is recommended to use the title of subject Business Laws instead of Corporate Laws.
- 6. Entrepreneurship Specialisation is to be introduced.
- 7. It is recommended to offer Employee welfare and Social Security in the place of Performance Management in HR specialisation.
- 8. It is opined that industrial experts shall be invited covering all specialisations. Ex;- PF office, Bank Manager, Assistant Labour officer, Small Scale Industries.
- 9. Two or three industrial visits in every semester in order to facilitate the practical exposure.
- 10. Reference books are to be updated with recent editions.
- 11. Rural Marketing by Krishnamacharya book is to be added in reference books.
- 12. Business Research Methodology needs more reference books.
- 13. Rama Swami and Nama Kumari text book is to be added for Marketing Management in II Semester.
- 14. Marketing Management by Phillip Kotler, 2014text book is to be added for Marketing Management Subject in II Semester.

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15. Strategic Marketing Management by Keller and Kotler, 2012 book is suggested as reference book for Marketing Management in II Semester.

## Signatures of the members present

1. Dr. S. Venkata Ramana	
2. Dr. Nagaraju Battu	
3. Prof. D. Suryachandra Rao	2.
4. Prof. M. Kishore Babu	-
5. M. Balakrishna Rao	-
6. N. Umamaheswra Rao	-
7. Dr. Y. Siva Reddy	-
8. I. Sridhar	
9. T. Mallikarjuna Rao	-
10. P. Pattabhi Ram	_
11. S. Sivasankara Rao	_



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#### DEPARTMENT OF MBA BOARD OF STUDIES MEETING ON 20-07-2019 ATTENDANCE SHEET

Sno	- Name of the Member	Designation/Affiliation	Status	Signature
1	Dr. S. Venkata Ramana	HOD, Dept of MBA, NEC.	Chairman	S. Vard-Rong
		(Nomince of JNTUK, Kakinada)		20171
2	Dr. Nagaraju Battu	Professor, Department of HRM, Acharyna Nagarjuna University, Guntur.Ph:9440022859. battunraju@yahoo.co.in	Member JNUTK Nominee	BNead
	(Expe	rts from outside College, nominated b	y CAC)	La constitution for the second
3	Prof. D. Suryachandra Rao	Dean faculty of Commerce and Management Studies, Krishna University, Machilipatnam. Ph:9440149149, profdsrao@gmail.com	Member Nominee of Academic Council	9
4	Prof. M. Kishore Babu	Principal, KL Business School, KLU Business School, Green Fields. Vaddeswaram, Guntur District-522502, Ph:9966006063. kishore@kluniversity.in.	Member Nominee of Academic Council	46
10000		(Industry Expert nominated by CAC	0.074	
5	M. Balakrishna Rao	Managing Director. Maturi Group of Companies, D.No. 3-29-13/30A, 3/6 Krishna Nagar, Guntur-6. Ph: 9848132095. maturiplastics@yahoo.com	Member Nominee of Academic Council	Jewwei
198-W-116 1781-1-14		(Student Alumni nominated by CAC		The state of the s
6	N. Umamaheswra Rao	Deputy Manager, Dolphin Hotels Pvt Ltd, Ramoji Film City, Hyderabad- 501512.Ph: 9160071452. uma888mba@gmail.com	Member Alumini	H wand
	Faculty	members of the department different	categories	147 2572
7	Dr. Y. Siva Reddy	Assoc.Professor, MBA, NEC.	Member	Y. SivaRe a 22
8	I. Sridhar	Assoc.Professor, MBA, NEC.	Member	J. Ewly
9	T. Mallikarjuna Rao	Assoc.Professor, MBA, NEC.	Member	A-2d-119
10	P. Pattabhi Ram	Assoc.Professor, MBA, NEC.	Member	P. Pattablikan
11	S. Sivasankara Rao	Assoc.Professor, MBA, NEC.	Member	Clo X 20/7/10

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15. Strategic Marketing Management by Keller and Kotler, 2012 book is suggested as reference book for Marketing Management in II Semester.

#### Signatures of the members present

1. Dr. S. Venkata Ramana

2. Dr. Nagaraju Battu

3. Prof. D. Suryachandra Rao

4. Prof. M. Kishore Babu

5. M. Balakrishna Rao

6. N. Umamaheswra Rao

7. Dr. Y. Siva Reddy

8. L. Sridhar

9. T. Mallikarjuna Rao

10. P. Pattabhi Ram

11. S. Siyasankara Rao

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#### DEPARTMENT OF MBA BOARD OF STUDIES MEETING ON 27-02-2020

### The following are the resolutions made during the meeting:

- 1. Dr. D. Suryachandra Rao suggested to change the title of Business Management Concepts for Engineers (BMCE) as Business Management (BM).
- 2. M. Balakrishna Rao suggested to introduce Patriotism topics in the curriculum.
- 3. Dr. D. Suryachandra Rao suggested to introduce various definitions to Entrepreneurship, Micro and Macro financial institutions.
- 4. Dr. Nagaraju Battu suggested to include new titles of reference books for HRM subject in R20 MCA syllabus.
- 5. Dr. M. Kishore Babu suggested to change the title of Rural Marketing as Rural Management.
- 6. Dr. M. Kishore Babu suggested to change the title of Human Resource Practices as Human Resource Management in the R20 B.Tech open electives.
- 7. Dr. Nagaraju Battu suggested to change the tile of the subject Leadership as Leadership Management in the R20 B.Tech open electives.
- 8. Dr. M. Kishore Babu suggested to change the title of Banking & Insurance as Banking & Insurance Services in the R20 B.Tech open electives

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#### Signatures of the members present

1	Dr. S. Venkata Ramana	Chairman, Board of Studies	
2	Dr. Nagaraju Battu	Nominee of JNTUK, Kakinada	
3	Prof. D. Suryachandra Rao	Member Nominee of Academic Council	
4	Prof. M. Kishore Babu	Member Nominee of Academic Council	
5	M. Balakrishna Rao	Member Nominee of Academic Council	
6	N. Umamaheswra Rao	Member, Alumni	
7	Dr. Y. Siva Reddy	Member	
8	Dr. P. Pattabhi Ram	Member	
9	Dr. S. Sivasankara Rao	Member	
10	I. Sridhar	Member	

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#### BOARD OF STUDIES MEETING ON 27-02-2021 ATTENDANCE SHEET

Sno	Name of the Member	Designation/Affiliation	Status	Signature
l	Dr. S. Venkata Ramana	HOD, Dept of MBA, NEC.	Chairman	S. Verivat - Romana
		(Nomince of JNTUK, Kakina	da)	
2	Dr. Nagaraju Battu	Assoc.Professor, HOD, Department of HRM, Acharya Nagarjuna University, Guntur.Ph:9440022859. battunraju@yahoo.co.in	Member JNUTK Nominee	8 Nazed
	(Exp	erts from outside College, nomina	ited by CAC	2)
3	Prof. D. Suryachandra Rao	Department of Commerce and Management Studies, Krishna University, Machilipatnam. Ph:9440149149, profdsrao@gmail.com	Member Nominee of Academic Council	Q.
4	Prof. M. Kishore Babu	Dean Management, Humanities & Sciences, KLU Business School, Green Fields. Vaddeswaram, Guntur District-522502, Ph: 9966006063. kishore@kluniversity.in.	Member Nominee of Academic Council	Neft
. 102		(Industry Expert nominated by	CAC)	
5	M. Balakrishna Rao	Member Board of Undergraduate Studies in Engg & Tech, AICTE & Managing Director, Maturi Group of Companies, D.No. 3-29-13/30A, 3/6 Krishna Nagar, Guntur-6. Ph: 9848132095, 9603393444. maturibalakrishnarao@gmail.com	Member Nominee of Academic Council	a, in
varial?		(Student Alumni nominated by	CAC	
6	N. Umamaheswra Rao	Associate Manager, Internal Audit, Avenue Supermarts Ltd, Hyderabad-500018.Ph: 9160071452. uma888mba@gmail.com	Member Alumini	N. where
y gra	Facult	y members of the department diffe	erent catego	ries
7	Dr. Y. Siva Reddy	Assoc.Professor, MBA, NEC.	Member	4. Sivaliable
8	Dr. P. Pattabhi Ram	Assoc.Professor, MBA, NEC.	Member	P. Pattabhikan
9	Dr. S. Sivasankara Rao	Assoc.Professor, MBA, NEC.	Member	P. B. V.
10	1. Sridhar	Assoc.Professor, MBA, NEC.	Member	J. Edus

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# NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)

# DEPARTMENT OF MCA BOS MEETING

S. No.	Regulation	Year	Date	Meeting Description		
1	R16	2016	22-06-2016	Course structure and syllabus for first year were approved.		
2	R16	2017	24-05-2017	Course structure and syllabus for second & third year were approved.		
3	R19	2019	23-07-2019	Course structure and syllabus for regular three years & Lateral two years MCA were approved.		
4	R20	2020	30-12-2020	Course structure and syllabus for two years MCA were approved.		

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# NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)

#### DEPARTMENT OF MCA

#### **BOARD OF STUDIES MEETING**

Department of Master of Computer Applications-Board of Studies meeting which has been scheduled on 22/06/2016 in MCA LAB AT 09:45 AM.I would like to invite you all for BOS meeting to give your valuable suggestions on our R16 Regulation course structure and syllabus of first year

#### **AGENDA**

June 22, 2016

Time: 9:45 am

Location:

MCA LAB 202,

Narasaraopeta Engineering College,

Narasaraopet.

- 1. Call to order
- 2. Approval of Agenda
- 3. Discussion on AICTE model Curriculum and Syllabus.
- 4. Discussion on JNTUK Curriculum and Syllabus.
- 5. Approval of the Minutes.

Next meeting date May 24, 2016

Saares Chairman

BOS, MCA

NARASARAOPETA ENGINEERING COLLUCE

(AUTONOMOUS)

NARASARAOPET - 522 601.

Guntur (Dist.), A.P.

# NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPETA (AUTONOMOUS)

### DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

#### Date: 22-06-2016

#### List of BOS Members

S. No.	Name	Designation	Remarks
1,	Dr. S. Sagar Imambi	Professor	Chairman
2.	Mr. V. Mahesh Babu	Professor	Member (Internal Subject Expert)
3.	Mrs. A.V.S. Ratna Kumari	Assoc. Professor	Member (Internal Subject Expert)
4.	Mr. S. Sreenivasa Rao	Assoc. Professor	Member (Internal Subject Expert)
5.	Mr. M. Suhasini	Assoc. Professor	Member (Internal Subject Expert)
6.	Dr. A.P. Siva Kumar	Asst. Professor, JNTUCE, JNTUA	Member Nominee of Academic Council (External Subject Expert)
7.	Dr. K. Subrahmanyam	Professor, KLU	Member Nominee of Academic Council (External Subject Expert)
8.	Mr. K.V.N. Chandra Sekhar	Sr. Softwate Engineer, Accenture, Hyd.	Industry Member
9.	Mr. R. Narendra Kumar	Sr. Softwate Engineer, Kvana Cybertech. Hyd.	Alumni
10.	Dr. D. Haritha	Associate Professor, JNTUCE, JNTUK.	University Nominee

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E- Mail: nrtec\_mca@yahoo.com

Phone: 08647 239917

# Narasaraopeta Engineering College (Autonomous) Department of Master of Computer Applications

Approved by AICTE, Permanently Affiliated to JNTUK Kakinada. Accredited by NAAC with 'A' Grade, ISO 9001:2008 Certified Institution. Yellamanda(Post), Narasaraopet, Andhra Pradesh, Pin: 522 601.

#### NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET **BOARD OF STUDIES** ATTENDANCE SHEET

S.No	Name	Category	Designation	E-Mail id & Mobile No	Signatu
1	Dr. S. Sagar Imambi	Professor and Head of the Department	Chairman	5inanb.@gnila. 9000443147	Sayous
2	V.Mahesh Babu	Professor	Member	94140183225	V.W
3	Mrs. A.V.S. Ratna Kumari	Associate Professor	Member	003184 284	DUSCELL
4	Mr. S.Srinivasa Rao	Associate Professor	Member	SEE nu somi a guilson	Sh
5	Mrs. M. Suhasini	Assocoate Professor	Member	700 (100)	
6	Dr. A.P. Siva Kumar	Asst. Prof., JNTUCE, JNTUA, Anantapur	Member Nominee of Academic Council (External Subject Expert)	944/3 95659 7382720319 sivakumar.ap@gm ail.com	all.
7	Dr. K.Subramanyam	Professor, Department of CSE, KL University, Vijayawada.	Member Nominee of Academic Council (External Subject Expert)	9908736960 smkodukula@klun ivsersity.in	dia
8	Mr. K.V.N. Chandra Sekhar	Sr. Softwate Engineer, Accenture Services Pvt., Ltd., Hyderabad	Industry Member	9966317119 Chandra.kalangi@ gmail.com	Cost
9	Mr. R. Narendra Kumar,	Sr. Software Engineer, Kvana Cybertech Pvt. Ltd.,	Alumni	9533998212 Narendra.kvana@ gmail.com	e male
10	Dr. Haritha	Asso. Prof., JNTUCE, JNTUK, Kakinada.	University Nominee	9440810901 harithaphd1@gma il.com	Ala.



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## NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPETA DEPARTMENT OF MCA

## Minutes of the 1st Board of Studies Meeting held on 22 -06-2016 at 9.45 AM in the MCA Lab 202

Chairman started the meeting. Introduced all the board members to each other.

 Board has gone through the AICTE & JNTUK Guidelines and thoroughly studied the Proposed Course Structure and Detailed Syllabus and made the following resolutions.

Item No 1	Discussed on whether to have 5 Theory and 2 Labs or 4 theory and 3 Labs in the course structure in each semester
Resolution 1	Unanimously agreed to have 4 theory and 3 Labs in each semester (Except final semester), as MCA Course is Application Oriented.

Item No 2	Introduction of Audit Courses			
	Audit Courses (Non- Credit Mandatory Courses) such as Professional ethics, verbal & quantitative skills			
	were introduced			

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Item No 3	Introduction of Audit Courses			
Resolution 3	Audit Courses (Non- Credit Mandatory Courses) such			
	as Human Values and Professional Ethics, verbal &			
	Quantitative Aptitude & Reasoning were introduced			

Item No 4	Introduction of Online Courses
Resolution 4	It is resolved to introduce Online courses (3 credits) in
	VI semester along with project.

Item No 5	Introduction of Emerging Technologies					
Resolution 5	It is resolved to introduce emerging technologies such					
	as Big Data Analytics, Frame worketc in the					
	curriculum at the appropriate levels.					

(DY.K. Subrahmanjam) (Dr.A.1. Sirakum)

R. Marondra

(R-Morendra Kumar)

(K. V. N. Quandra Stew)

(AVS. Ratoa Kumari)

Principal NARASARAOPETA ENGINEERING SCHOOL (AUTONOMOUS) NARASARAOPET - 522 604. Guntur (Dist.). A.F.

## NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)

#### DEPARTMENT OF MCA

### BOARD OF STUDIES MEETING

Department of Master of Computer Applications-Board of Studies meeting which has been scheduled on 24/05/2017 in MCA LAB AT 09:45 AM.I would like to invite you all for BOS meeting to give your valuable suggestions on our R16 Regulation course structure and syllabus of Second & Final year.

May 24, 2017

Time: 9:45 am

Location:

MCA LAB 202,

Narasaraopeta Engineering College,

Narasaraopet.

- 1. Call to order
- 2. Approval of Agenda
- 3. Discussion on AICTE model Curriculum and Syllabus.
- 4. Discussion on JNTUK Curriculum and Syllabus.
- 5. Approval of the Minutes.

Next meeting date April 18, 2018

Chairman

BOS, MCA

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### NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPETA (AUTONOMOUS) DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

#### Date: 24-05-2017

### List of BOS Members

S. No.	Name	Designation	Remarks
1.	Dr. S. Sagar Imambi	Professor	Chairman
2.	Mr. V. Mahesh Babu	Professor	Member (Internal Subject Expert)
3.	Mrs. A.V.S. Ratna Kumari	Assoc. Professor	Member (Internal Subject Expert)
4.	Mr. S. Sreenivasa Rao	Assoc. Professor	Member (Internal Subject Expert)
5.	Mr. M. Suhasini	Assoc. Professor	Member (Internal Subject Expert)
6.	Dr. A.P. Siva Kumar	Asst. Professor, JNTUCE, JNTUA	Member Nominee of Academic Council (External Subject Expert)
7.	Dr. K. Subrahmanyam	Professor, KLU	Member Nominee of Academic Council (External Subject Expert)
8.	Mr. K.V.N. Chandra Sekhar	Sr. Softwate Engineer, Accenture, Hyd.	Industry Member
9.	Mr. R. Narendra Kumar	Sr. Softwate Engineer, Kvana Cybertech. Hyd.	Alumni
10.	Dr. D. Haritha	Associate Professor, JNTUCE, JNTUK.	University Nominee

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## Navasaraspera suginaring conege, Dept. of MCA, 1305 meeting held on 24-5-2017

S.No	Name	Category	Designation	Specialization	Signature
1	Dr. S. Sagar Imambi	Professor and Head of the Department	Chairman	Data Mining	Sagarono
2	V.Mahesh Babu	Professor	Member	Sofrware Engineering	V-10 E415
3	Mrs. A.V.S. Ratna Kumari	Associate Professor	Member	DataBases	AVILLIND
4	Mr. S.Srinivasa Rao	Associate Professor	Member	Data warehousing	Ge-
5	Mrs. M. Suhasini	Assocoate Professor	Member	Web Technologies	
6	Dr. A.P. Siva Kumar	Asst. Prof., JNTUCE, JNTUA, Anantapur	Member Nominee of Academic Council (External Subject Expert)	Web Mining	24/05/13
7	Dr. K.Subramanyam	Professor, Department of CSE, KL University, Vijayawada.	Member Nominee of Academic Council (External Subject Expert)	Software Engineering	Dust
8	Mr. K.V.N. Chandra Sekhar	Sr. Softwate Engineer, Accenture Services Pvt., Ltd., Hyderabad	Industry Member	ERP	lost.
9	Mr. R. Narendra Kumar,	Sr. Software Engineer, Kvana Cybertech Pvt. Ltd.,	Alumni	Mobile Apps Development	R'Morendra
10	Dr. D.Haritha	Asso. Prof., JNTUCE, JNTUK, Kakinada.	University Nominee	Image Processing	Al24)5)17



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#### NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS) DEPARTMENT OF MCA

Agenda: Approval of II Year syllabus approved by different bos held in May-2017.

S. No.	Suggestion made by the BOS Members	Action taken	
1	Members suggested that there is no clarity in Mandatory learning course(or) Audit course details in academic regulations and suggested few amendments to regulations.	<ul> <li>The following amendments were added in academic regulations:</li> <li>1. This course with no credits, no external examination.</li> <li>2. The student shall be declared pass in this course when he/she secures 50% or more in the internal examination, otherwise he/she fails.</li> </ul>	
		3. If student fails in the internal examination, reexamination shall be conducting in the fourth coming semester.	
2	Members suggested that pass grade for online (MOOC) courses is 40-60%.	Adopted the same.	
3	Insisted to include "Agile Models-Extreme programming" concept in Software Engineering of II Year III Semester and they recommended Pressman's 7 <sup>th</sup> edition text book.	Implemented	
4	Members modified course outcomes in web technologies lab.		
5	Members suggested to remove exploring data concept in unit II, Further development of date cube technology in unit III, Model over fitting concept in unit IV of Data warehousing and mining in II year IV semester, they change the III unit name dataware house and OLAP technology for data mining as Datawarehouse and OLAP technologies and suggested to include support vector machine concept in unit IV in II year IV semester.		
6	Members added one course outcome in software design methodologies in II year IV semester.	Implemented	
7	Members suggested to specify each sub topic names clearly in E-Commerce of II year IV semester.	Implemented	
8	Members recommended changing syllabus of IOT subject, reference books and text books. Given authorization to BOS chairman to take necessary actions to frame proper syllabus.	Recommended changes have been adopted.	

Finally, BOS members approved the II MCA syllabus.

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# NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)

#### **DEPARTMENT OF MCA**

### BOARD OF STUDIES MEETING

Department of Master of Computer Applications-Board of Studies meeting which has been scheduled on 23/07/2019 in MCA LAB AT 09:30 AM. I would like to invite you all for BOS meeting to give your valuable suggestions on our R19 Regulation course structure and syllabus of First, Second & Final year.

#### AGENDA

July 23, 2019

Time: 9:30 am

Location:

MCA LAB 202,

Narasaraopeta Engineering College,

Narasaraopet.

- 1. Call to order
- 2. Approval of Agenda
- 3. Discussion on AICTE model Curriculum and Syllabus.
- 4. Discussion on JNTUK Curriculum and Syllabus.
- 5. Approval of the Minutes.

Next meeting date Dec 30, 2020

Chairman

BOS, MCA

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#### NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPETA (AUTONOMOUS)

#### DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Date: 23-07-2019

**HOD-MCA** 

#### List of BOS Members

S.NO	Name	Designation	Address	Contact Details	Remarks
1.	Dr.S.V.N.Srinivasu	Professor	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	drsvnsrinivasu@gmail.com 9849866902	Chairman
2.	Dr. D. Haritha	Associate Professor	JNTUCE, JNTUK, Kakinada.	harithadasari9@yahoo.com 9440810901	University Nominee
3.	V. Mahesh Babu	Professor and Controller of Examinations	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	mailformrx@gmail.com 9440183225	Member (Internal Subject Expert)
4.	Dr. S.Sagar Imambi	Professor	KL University, Vijayawada.	simambi@gmail.com 9000443147	Member (External Subject Expert)
5.	M. Mamatha	Associate Professor	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	mamatha.maddu@gmail.com 8328551220	Member (Internal Subject Expert)
6.	Mr. K.V.N. Chandra Sekhar	Sr. Softwate Engineer	Accenture Services Pvt., Ltd., Hyderabad	chandra.kalangi@gmail.com 9966317119	Industry Member

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23<sup>rd</sup> July, 2019.

# Minutes of the Board of studies Meeting held on July 23<sup>rd</sup>, 2019 at 9:30 a.m in the department of MCA.

Dr.S.V.N.Srinivasu, Chairman, Board of Studies chaired the meeting and welcomed all the members to the Board of Studies meeting in the department of MCA. The following resolutions mentioned in the subsequent paragraphs were passed by the external and internal BOS members.

#### **MEMBERS PRESENT**

1	Dr. S.V.N.Srinivasu,		
	Professor & Head,  Department of MCA  NEC.	Chairman, BOS	200
2	<b>Dr. D.Haritha</b> Professor, JNTUCE, JNTUK, Kakinada	Member (University Nominee) (JNTUK)	Ha.
3	Dr. S.Sagar Imambi,  Professor, Dept of CSE, KL University, Vijayawada.	Member	JA.
4	K.V.N.Chandra Sekhar, Team Lead, Accenture Services Pvt Ltd. Hyderabad.	Industry Member	less.
5*	K.Sambireddy, Senior Software engineer, Link Intime India Pvt Ltd.	Alumni	
6	Sri.V.Mahesh Babu Professor, Dept of MCA NEC.	Member	11.1
7	Sri.M.Mamatha, Associate Professor, Dept of MCA. NEC.	Member M Principat NARASARAOPETA ENGRAFI	PING COLL FOR

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### Discussion on course structure and syllabus of MCA.

After detailed discussion, the board suggested few modifications in course structure and syllabus.

The following are the suggestions made by the BOS Members

- 1. Devops needs to be included in the V semester.
- 2. Means Ends analysis has to be removed from Artificial intelligence & Machine Learning course.
- 3. Suggested to change Frame works lab Title as Frame works & Devops Lab.
- 4. Suggested to change Web technologies Title as Web development & Digital Marketing . Suggested to include syllabus of Social Media Marketing in the  $6^{th}$  unit.
- 5. Suggested to include Binary Tree, BST Operations in C & DS.
- 6. Suggested to include LATEX in IT Workshop Lab.
- 7. Few modifications were suggested in DBMS syllabus.
- 8. Suggested to change Title of "OOPs through JAVA" to OOP
- 9. Bos Members suggested few modifications in DBMs Lab.
- 10. Suggested few modifications in OOPS Lab JDBC, java.net programs were added.
- 11. Unix theory and Lab Title has been changed to Linux Theory and Linux Lab.
- 12. Few changes are suggested in the Linux lab exercises .

Meeting concluded with thanks to the Chair

(Dr. S.V.N.Srinivasu)

Chairman BOS (MCA)

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# NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET (AUTONOMOUS)

#### DEPARTMENT OF MCA

#### BOARD OF STUDIES MEETING

Department of Master of Computer Applications-Board of Studies meeting which has been scheduled on 30/12/2020 in MCA LAB AT 09:30 AM. I would like to invite you all for BOS meeting to give your valuable suggestions on our R20 Regulation course structure and syllabus of Two years McA.

**AGENDA** 

Dec 30, 2020

Time: 9:30 am

Location:

MCA LAB 202,

Narasaraopeta Engineering College,

Narasaraopet.

- 1. Call to order
- 2. Approval of Agenda
- 3. Discussion on AICTE model Curriculum and Syllabus.
- 4. Discussion on JNTUK Curriculum and Syllabus.

5. Approval of the Minutes.

Chairman

BOS, MCA

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Principal
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(AUTONOMOUS)
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### NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPETA (AUTONOMOUS)

#### DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Date: 30-12-2020

#### Details of BOS Members

S.NO	Name	Designation	Address	Contact Details	Remarks
1.	Dr.S.V.N.Srinivasu	Professor	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	drsvnsrinivasu@gmail.com 9849866902	Chairman
2.	Dr. D.Haritha	Professor	JNTUCE, JNTUK, Kakinada.	hharithadasani9@yahoo.com 9440810901	University Nominee
3.	Dr. S.Sagar Imambi	Professor	KL University, Vijayawada.	simambi@gmail.com 9000443147	Member (External Subject Expert)
4.	K.V.N. Chandra Sekhar	Sr. Softwate Engineer	Accenture Services Pvt., Ltd., Hyderabad	chandra.kalangi@gmail.com 9966317119	Industry Member
5.	Mr. K.Sambi Reddy	Sr. Softwate Engineer	Link in time India Private Limited, Mumbai	Sambireddy.kalli@gmail.com 7045563264	Member (Alumni)
6.	V. Mahesh Babu	Professor and Controller of Examinations	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	mailformrx@gmail.com 9440183225	Member (Internal Subject Expert)
7.	M. Mamatha	Associate Professor	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	Mamatha.maddu@gmail.com 8328551220	Member (Internal Subject Expert)
8.	G. Sambasiva Rao	Assistant Professor	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	Sambassiva.gumma@gmail.co m 9676981042	Member (Internal Subject Expert)
9.	M. Aparna	Assistant Professor	Narasaraopeta Engineering college, Kotappakonda Road, Yellamanda (Po), Narasaraopet	Mudiyalaaparna.89@gmail.com 9666576488	Member (Internal Subject Expert)

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Date: 30-12-2020

# DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS MINUTES OF BOS MEETING HELD ON 30-12-2020

Due to COVID-19 Pandemic, few of the BOS Members have attended the meeting virtually through Microsoft Teams.

Meeting was started at 10 AM. Venue: Department of MCA.

#### Meeting was attended by

- 1. Dr. S.V.N. Srinivasu, HOD, MCA, BOS Chairman.
- 2. Dr. M. Sreenivasa Kumar, M.Tech., Ph.D (UK)., MISTE., FIE (I), Principal.
- 3. Mr. V. Mahesh Babu, CE & Prof., Dept. of MCA, Member (Internal Subject Expert).
- 4. Mrs. M. Mamatha, Assoc. Prof., Dept. of MCA, Member (Internal Subject Expert).
- 5. Mr. G. Sambasiva Rao, Asst. Prof., Dept. of MCA, Member (Internal Subject Expert).
- 6. Mrs. M. Aparna, Asst. Prof., Dept. of MCA, Member (Internal Subject Expert).

#### Virtually attended by

- 7. Dr. D.Haritha, Professor, Department of CSE, JNTUK Kakinada, Nominee of the University.
- 8. Dr. S.Sagar Imambi, Professor, Department of CSE, KL University, Vijayawada, Member (External Subject Expert)
- 9. Mr. K.V.N.Chandra Sekhar, Sr Software Engineer, Accenture Services Pvt. Ltd., Hyderabad, Member (Industry Expert).
- 10. Mr. K.Sambi Reddy, Sr Software Engineer, Artha Solutions, Hyderabad, Member (Alumni).

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Dr. S.V.N. Srinivasu, BOS Chairman, chaired the meeting and welcomed all the members and thanked them for being available to the BOS meeting in COVID-19 Pandemic situation either physically or virtually.

Introduced BOS members.

Presented the Course Structure and Syllabus of MCA (R20 Regulations) which are applicable for the students who are going to be joined from the academic year 2020-21 onwards.

#### Suggestions Made by the Members:

Dr. D. Haritha, Professor, Department of CSE, JNTUK Kakinada, University Nominee suggested the following:

- 1. To Place Network Security & Cryptography course as Programme Core in 3rd semester.
- 2. To place Unified Modelling Language course as Programme Elective-II.
- 3. To combine NSC & UML lab in 3rd semester.

Dr. S. Sagar Imambi, Professor, Department of CSE, KL University, Vijayawada, Member (External Subject Expert) suggested the following:

1. Place Deep Learning course as MOOCs course in 4th semester.

Mr. K.V.N. Chandra Sekhar, Sr Software Engineer, Accenture Services Pvt. Ltd., Hyderabad, Member (Industry Expert) Appreciated the syllabus of Employability Skills-2 (Non-Credit Course).

Mr. K. Sambi Reddy, Sr Software Engineer, Artha Solutions, Hyderabad, Member (Alumni) suggested the following:

1. Place Virtual box Installation and Management process in Employability Skills-2 (Non-Credit Course).

All the members have expressed their approval for R20 Course Structure & Syllabus.

Finally the Meeting ended with a vote of thanks.

Chairman

BOS, MCA

Copy to: 1. Chairman 2. Vice-Chairman 3. Secretary

4. Principal 5. All the members of BOS.

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### NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPETA (AUTONOMOUS)

#### DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

#### List of BOS Members

Date: 30-12-2020

S.NO	Name	Designation	Address	Remarks	Signature
1.	Dr.S.V.N. Srinivasu	Professor	Narasaraopeta Engineering college, Narasaraopet	Chairman	
2.	Dr. D. Haritha	Professor	JNTUCE, JNTUK, Kakinada.	University Nominee	
3.	Dr. S. Sagar Imambi	Professor	KL University, Vijayawada.	Member (External Subject Expert)	Shorter
4.	K.V.N. Chandra Sekhar	Sr. Softwate Engineer	Accenture Services Pvt., Ltd., Hyderabad	Industry Member	(K.V.N. Cerandra Section
5.	Mr. K.Sambi Reddy	Sr. Softwate Engineer	Link in time India Private Limited, Mumbai	Member (Alumni)	K. SanbiReddy
6.	V. Mahesh Babu	Professor and Controller of Examinations	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert )	V.M.V
7.	M. Mamatha	Associate Professor	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert)	<b>.</b>
8.	G. Sambasiva Rao	Assistant Professor	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert)	Jo.
9.	M. Aparna	Assistant Professor	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert)	4 AP

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### Minutes Of the meeting

The Board of Studies meeting for English is conducted on 22<sup>nd</sup> June 2016 at Department of English, Narasaraopeta Engineering College, Narasaraopet. The following are the resolutions passed by the BoS, English:

- 1. The course development document should include the following:
  - The number of hours allotted to teach each unit (approximate number of teaching periods)
  - Teaching methodology and assessment procedures should be included in line with the course objectives and outcomes.
  - The course should have the VI unit titled: Reading: Intensive and Extensive
  - The lab activities are to be assessed based on the assessment rubrics designed by the department.
  - Repetition of lab contents (language skills and sub-skills) are to be avoided in the theory courses
  - Every unit should have objectives and outcomes, in addition to the general course objectives and outcomes as a separate document submitted to the BOS.
  - The specific units/chapters from the selected books are to be stated.
- 2. The above changes will be carried out in our syllabus by 30 Jun 2016

Functional English (011)

Basic Communication kills Lab (012)

Interactive English (013)

Enhancing Communication Skills (014)

Verbal Ability (015)

Advanced Communication Skills (016)

### Members of BoS English

S.NO	NAME AND INSTITUTION	
1	Dr. K. Ponnari Lakshmi Prof & Head of the Dept, NEC. Narasaraopet	SIGNATURE
2	Dr. G. Suvarna Lakshmi Associate Prof, JNTUK University College of Engineering, Vizayanagaram	6 Aman halest.
3	Dr. K. Rama Chandra Prof & Head of the Dept, V.R.Siddhartha College of Engineering, Vijayawada	132.06.14 1 Surtu.
4	Dr. E. Dileep, Asst. Prof, Head of the Dept, Dravidian University, Kuppam	5 .0 406/16
5	Md. Abdulla. Asst Professor, NEC	
6	Z. Mohana Rao, Asst Professor, NEC	22.6.16
7	Sk. Sabya Asst Professor, NEC	Principal 22/6/16
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#### RESOLUTIONS

The board of studies meeting of chemistry department took place at Incubation centre block on 22<sup>nd</sup> june 2016 held at 2,30pm. The following members participated in the meeting

Chairman:

Dr.Jetti Srinivasa Rao

University nominee:

Dr.S. Satyaveni

Member of nominee 1:

Dr.R. Ramesh Raju

Member of nominee 2:

Dr.Ch. Chakrapani

Member 1: Member 2:

Mrs. G.M. Janeefa Mr. K. Srinivasulu

Member 3:

Mr. G. Nagaraju

#### **AGENDA**

To finalize the Engineering Chemistry syllabus of both theory and lab as per 2016 Regulation

The following 3- modifications are recommended by the BOS committee to the original rough draft

- 1. The topic rocket fuels should be added in unit 5.
- 2. Unit 6 content is less, so additional topics should be added.
- 3. Two experiments should be included in laboratory syllabus as per suggestion.

Finally the revised syllabus has been duly accepted by the members and recommended to accept it

S.No.	Name	Position	Signature
1 2 3 4 5 6 7	Dr.Jetti Srinivasa Rao Dr.S. Satyaveni Dr.R. Ramesh Raju Dr.Ch. Chakrapani Mrs. G.M. Janeefa Mr. V. Srinivasulu Mr. S. Nagaraju	Chairman University nominee Member of nominee 1 Member of nominee 2 Member 1 Member 2 Member 3 NARASARAOPETA ENGINE (AUTONOMO	De2) (4:

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#### DEPARTMENT OF MATHEMATICS

## Minutes of meeting

The Board of Studies of Mathematics, Narasaraopeta Engineering College, Narasaraopet met

in the Department of Mathematics on 22<sup>nd</sup> June, 2016 at 2.00 P.M.

The following members are present

- 1. Dr. S. Venkateswaralu
- 2. Dr. G. V.S.R Deekshitulu
- 3. Prof. Dr. Bhavanari Satyanarayana
- 4. Dr. Ch. Baby Rani
- 5. Dr. Shaik Mohiddin Shaw
- 6. Dr. G. Dharmaiah
- 7. Mr. M. Prasad

The Board has discussed and resolved the following:

- 1. Three common courses for all branches of Engineering in the first year.
  - 1) Engineering Mathematics CIVIL, EEE, ME, ECE, CSE

(Appendix-l)

ii) Mathematical Methods - CIVIL, EEE, ME, ECE, CSE

(Appendix-II)

iii) Integral Transforms and Vector Calculus

(AppendixIII)

2. In the Graduate MCA course first year

Probability and Statistics - MCA

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ii) Optimization	fectiniques	MCA

(Appendix V)

3. In the Post Graduate MBA course first year

i) Quantative Analysis and Business Decisions - MBA

(Appendix-VI)

4. In the Post Graduate MCA & MBA course first year

1) Quantitative Aptitude and Reasoning-I

(Appendix-VII)

ii) Quantitative Aptitude and Reasoning-II

(Appendix-VIII)

In the Post Graduate M. Tech (Civil)., first year

i) Advanced Mathematics

(Appendix-IX)

In the Post Graduate M Tech (Mechanical) first year

i) Advanced Optimization Techniques (Thermal)

(Appendix-X)

ii) Computational Methods in Engineering (Design)

(Appendix-XI)

in) Advanced Optimization Techniques (Design) (Elective-III)

(Appendix-XII)

The above course will be taught by the department of Mathematics faculty

Dr. Ch. Baly Rance
Mr. Shynasonene
22/61/2016

M. Franco

Dr. G. Dharmaiah)

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### NARASARAOPETA ENGINEERING COLLEGE::NARASARAOPET BOARD OF STUDIES IN MATHEMATICS

S.No	Name	Category	Designation	E-Mail id & Mobile No	
*	Dr. S.Venkateswarlu	Professor and Head of the Department	Chairman	svenkateswarlu04@yahoo.co.in	Signature
2	Dr. G.V.S.R. Deekshitulu	Professor & Head Department of Mathematics JNTUK University College of Engg., Kakinada	University Nominee	dixitgvsr@gmail.com  9849214404	Que mi
3	Dr. Ca. Baby Rani	Professor and Head of the Department of Mathematics V.R.Siddharatha College of Engg., Vijayawada	Member Nominee of Academic Council (External Subjects Expert)	ranicbrl@gmail.com 9959503380	endeligt.
4	Dr. Bhavanari. Satyanarayana	Professor, Head of the Dept. of Mathematics, ANU. Guntur	Member Nominee of Academic Council (External Subject Expert)	bhavanari2002@yahoo.co.in 9848059722	A. Schmoroum.
5	Dr.Sk Mohiddin Shaw	Professor	Member	mohiddin_shaw26@yahoo.co.i n 9247203211	Ste moliddings
6	Dr. G.Dharmaiah	Assoc. Professor	Member	10072014nec@gmail.com 7842705109	of Drawn
7	Mr. M Prasad	Asst Professor	Member	prasadmanchikanti2012@gmail .com	M Oradin) 22/6/16

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# NARASARAOPETA ENGINEERING COLLEGE:: NARASARAOPET (AUTONOMOUS) DEPARTMENT OF MATHEMATICS

#### Minutes of meeting

The Board of Studies of Mathematics, Narasaraopeta Engineering College(Autonomous), Narasaraopet met in the Department of Mathematics on 29<sup>th</sup> May, 2017 at 11.00a.m.

The following members are present

- 1. Dr. Shaik Mohiddin Shaw
- 2. Prof. Dr. G.V.S.R. Deekshitulu
- 3. Prof. Dr. Bhavanari Satyanarayana
- 4. Dr. Ch. Baby Rani
- 5. Dr. G. Dharmaiah

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The Board has discussed and resolved the following:

1. In II B. Tech, Computer Science Engineering course

Mathematical Foundations for Computer Science (Appendix-I)

2. In II B. Tech, Electrical and Electronics Engineering Course

Complex Variable and Statistical Methods

(Appendix-II)

3 In II B. Tech, Civil Engineering Course

Probability and Statistics

(Appendix-III)

The above course will be taught by the Department of Mathematics Faculty

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## BOARD OF STUDIES IN MATHEMATICS

C 1	Vo Vame	A	TENDANCE SHEET	(29.05.2017)	
		Category	Designation	E-Mail id & Mobile No	
	Dr Sk Mohiddin Shaw	of the Department	Chairman	mohadan hawa a abor or n 9247203211	Signature by
2	Dr G V S R Deekshitulu	Professor & Head Department of Mathematics JNTUK University College of Engg., Kakinada	University Nominee	9849214404	and
3	Dr Bhavanari Satyanarayana	Professor, Head of the Dept. of Mathematics, ANU. Guntur	Member Nominee of Academic Council (External Subject Expert)	bhavanan 2002 <u>a</u> vahoo co in 9848059722	An-salyanousym
4		Professor and Head of the Department of Mathematics V.R. Siddharatha College of Engg., Vijayawada	Member Nominee of Academic Council (External Subjects Expert)	9959503380	0.800
	Or G Dharmaiah	Assoc Professor	Member	7842705109 Principal NARASARAOPETA ENGINEERING COLUE	G.2hannad 29/5/24+12

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Date: 20-7-19

#### **Members Present**

The Board of Studies meeting of English Department took place at Block-3 on 20th July, 2019 at 10.AM. The following members participated in the meeting.

> Chairperson: Dr. K. Ponnari Lakshimi University Nominee: Dr. Madhavi Reddy Kesari Member-1: Prof A.Sharada Member-2 Prof.E.Dileep Member-3 Z.Mohana Rao Member-4 V.Aruna

#### Resolutions

Having gone through the syllabi for thesix courses proposed Communicative English-I, English Communication Skills Lab-I , Communicative English - II, English Communication Skills Lab-II, Advanced Communication Skills Lab And English Proficiency Lab for B.Tech and M.C.A B.O.S

- 1. In the B.Tech courses, additional activities related to Functional English could be incorporated such as use of Visuals and others appropriate tasks to elicit language from the students while training on speaking skills.
- 2. Soft skills can be restructured under two levels-Basic and Advanced. Accordingly the elements were apportioned. Under Soft Skills, new elements like SWOT analysis, Assertiveness, Inter and Intra personal Skills etc. could be added.
- 3. Course Objectives are to be restructured in a graded way to indicate some progression.
- 4. Whenever feasible, skills could be integrated to follow a blended method of teaching.
- 5. It is advisable to incorporate Technical Vocabulary related to the lesson context and different engineering streams to equip the students with the academic vocabulary needed for their respective technical domains.
- 6. Activity based books for Lab are suggested for reference Finally the revised syllabus has been duly accepted by the members of BOS

Name	Designation	Signature
Dr.K. Ponnari Lakshmi	Chairperson	(Intelest 30)7/19
Dr. Madhavi Reddy Kesari	University Nominee	Whom softly.
Prof.A. Sharada	Member	1 hours 19
Prof.E.Dileep	Member	3 Distrib
Z.Mohana Rap	Member 1 W	Mat 00 20/2/19
V.Aruna	Member Principa	
	Dr.K. Ponnari Lakshmi Dr. Madhavi Reddy Kesari Prof.A. Sharada Prof.E.Dileep Z.Mohana Rap	Dr.K. Ponnari Lakshmi Chairperson  Dr. Madhavi Reddy Kesari University Nominee  Prof.A. Sharada Member  Prof.E.Dileep Member  Z.Mohana Rap Member

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## BOARD OF STUDIES (BOS)MEETING OF MATHEMATICS

Date: 20th July 2019.

#### AGENDA OF THE MEETING:

- Welcoming the distinguished 'Members of the Board of Studies for the BOS meeting by the Head of the Department.
- Review/Approval of the academic regulation for the B.Tech. Program.
- Review/Approval of the detailed syllabi of the following mathematics subject for Engineering.
- Any other suggestions/advice to the Department.
- Vote of Thanks

### MINUTES OF BOARD OF STUDIES MEETING.

- The meeting was held at the Conference Hall, NEC on 20th July 2019 at 10:00 A.M.
- The principal and the Head of the Department BS&H extended their warm welcome to Dr. K.Sobhan Babu, Professor & Head of the Department of Mathematics, UCEN, JNTUK, Narasaraopet; Prof. Dr. Bhavanari Satyanarayana, Professor in Mathematics, Acharaya Nagarjuna University, Guntur; Dr.M.Phani Kumar, Assistant Professor in Mathematics, Department of S&H, VIT-AP, Amaravathi.
- The BoS approved the academic regulations and course structures of R-19 related to Mathematics.
- The committee emphasized the need for contemporary topics which can enhance the
  mathematics skills of students and insisted that the topics should connect with the
  students.
- The following changes have been recommended by the committee with the regard to Mathematics.
  - Differential Equations & Vector Calculus:
     In Unit-II: Instead of Definitions, Operator D, Rules for Finding the Complementary functions suggested as "Finding the Complementary functions".
  - 2. Probability and Statistics (B.Tech):
    - Title of the Unit-I was changed as probability and discrete distributions and included the topics: Probability, Conditional Probability, Baye's theorem in this unit.

Title of the Unit-III was changed as sampling theory.



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III. In Unit-V, committee recommended that to omit the topic Applications of Probability and statistics in data science: Introduction to numpy and Plotting data with matplotlib.

3. Probability and Statistical Applications (M.C.A):

The committee recommended to replace the topic "Queuing theory" in Unit-VI by the topic "curve fitting".

4. Operations Research(M.C.A):
The committee recommended to replace the topic "Replacement" in Unit-VI by the topic "Queuing theory".

After completion of all the above modifications the committee approved/recommended the following mathematics subjects.

1. Linear Algebra and Calculus (Common to all in I.Btech., I. Semester)

2. Differential Equations and Vector Calculus

7. Quantitative Analysis for Business Decisions

(Common to all in I.Btech., II. Semester, except CSE&IT)

3. Probability and Statistics (I.Btech., II. Semester, CSE&IT)

4. Numerical Methods and Vector Calculus(I.Btech., II. Semester, CSE&IT)

5. Probability and Statistical Applications (I.M.C.A., I Semester)

6. Operations Research (I.M.C.A., II Semester)

8. Advanced Engineering Mathematics (I.M.Tech.(civil structural), I Semester)

S.N o.	Name	Designation	Signature
1	Dr. Shaik Mohiddin Shaw	Chairman	of molidantalin
2	Dr. K. Sobhan Babu	University Nominee	Juny 12/19
3	Prof.Dr.Bhavanari Satyanarayana	Member	Ansahananana Soly 1201
4	Dr. Phani Kumar	Member	71 22/0/ls
5	Dr. G. Dharmaiah	Member	- Andophy19
6	Dr. R. Durga Prasad	Member	B. Dugu merch

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(I.M.B.A., I Semester)

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#### BOARD OF STUDIES (BOS) MEETING OF MATHEMATICS Date: 11<sup>th</sup> August 2019.

#### AGENDA OF THE MEETING:

- Welcoming the distinguished 'Members of the Board of Studies for the BOS meeting by the Head of the Department.
- Approval of the detailed syllabi of the mathematics subject for II B. Tech., I M.C.A and I M. Tech., programmes.
- Any other suggestions/advice to the Department.
- Vote of Thanks

#### MINUTES OF BOARD OF STUDIES MEETING.

- The meeting was held at the Conference Hall, NEC on 11<sup>th</sup> August 2019 at 10:00 A.M
- The principal and the Head of the Department BS&H extended their warm welcome to Dr. K.Sobhan Babu, Professor & Head of the Department of Mathematics, UCEN, JNTUK, Narasaraopet; Prof. Dr. Bhavanari Satyanarayana, Professor in Mathematics, Acharaya Nagarjuna University, Guntur; Dr.M.Phani Kumar, Assistant Professor in Mathematics, Department of S&H, VIT-AP, Amaravathi.
- The BoS approved the II B. Tech., I M.C.A and I M. Tech (MD) Engineering Mathematics subject for the regulation R-19.
- The committee emphasized the need for contemporary topics which can enhance the mathematical skills of students and insisted that the topics should connect with the students.
- The following changes have been recommended by the committee with the regard to Mathematics.

#### 1. NUMERICAL METHODS AND COMPLEX VARIABLES:

- a. Unit-II: It is titled as Numerical Differentiation and Integrations. It was changed as Numerical solutions of ODE and Integrations.
- b. Applications of Complex integrations were add.

#### 2. NUMERICAL METHODS AND TRANSFORMATIONS:

Unit-II: It is titled as Numerical Differentiation and Integrations. It was changed as Numerical solutions of ODE and Integrations.

After completion of all the above modifications the committee approved/recommended the following mathematics subjects.

Numerical Methods and Complex Variables

(Common to Civil, EEE and ME branches of II B

Numerical Methods and Transformations

(II B. Tech

F

3. Mathematical Foundations for Computer Sciences

(II B.Tech., I Semester CSE & IT)

(Common to all II B.Tech., I Semester) 4. Quantitative Aptittude and Reasoning-I

5. Complex Variables, Probability & Statistics

(Common to Civil, EEE and ME branches of II B.Tech., II Semester)

6. Computational Methods in Engineering

(I.M.Tech., (M.D) I Semester)

S. No	Name	Designation	Signature
1	Dr. Shaik Mohiddin Shaw	Chairman	of moliddinglas.
2	Dr. K. Sobhan Babu	University Nominee	way
3	Dr. Phani Kumar	Member	nemark
4	Dr. G. Dharmaiah	Member	ST. TELLET
5	Dr. R. Durga Prasad	Member	A. Juny Sule

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#### Resolutions

The board of studies meeting of Physics department took place at block - 3 on 18th July, 2019 held at 10 AM. The following members participated in the meeting.

Chairman: Dr. T. Anjaneyulu

University Nominee: Dr. Y. Ramakrishna Member of nominee 1: Dr. K. Surendranath Member of nominee 2: Dr. Sk. Mahamuda

Member 1: Dr. K. Neeraja

Member 2: Dr. K. Ephraim Babu

#### Minutes Of Meeting

To finalize the Engineering Physics syllabus of both theory and lab as per 2019 Regulation, the following modifications are recommended by the committee to the original rough draft.

- A common syllabus for all branches has been formulated to fulfill the norms proposed by AICTE.
- Instead of VI units in R16 regulation the syllabus was reduced to V units in which Ultrasonic and Acoustics are replaced by Electromagnetism and Magnetic materials
- 3. Introduced a new experiment in the lab in accordance to the Theory Subject

Finally the revised syllabus has been duly accepted by the members and recommended to accept it.

S.No	Name	Position	Signature
1.	Dr. T. Anjaneyulu	Chairman	of.
2.	Dr. Y. Ramakrishna	University Nominee	7. Kemme
3.	Dr. K. Surendranath	Member of Nominee 1	Believes -
4.	Dr. Sk. Mahamuda	Member of Nominee2	Se. Hahayenda
5.	Dr. K. Neeraja	Member1	K-Kimak
6.	Dr. K. Ephraim Babu	Member2	18 END

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Principal
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#### RESOLUTIONS

The board of studies meeting of Chemistry Department took place at training and placement cell on 18<sup>th</sup> July 2019 held at 12:00PM. The following members participated in the meeting.

Chairman

: Dr

Dr. Jetti Srinivasa Rao

University Nominee

Dr. S. Satyaveni

Member of Nominee-1

Dr. M.L.N. Achari

Member of Nominee-2

Dr. Ch. Ramakrishna

Member-1

Mr. G. Nagaraju

Member-2

Mr. N. Dinesh

#### **AGENDA**

To finalize the Engineering Chemistry syllabus of both theory and lab as per 2019 regulation.

#### **SUGGESTIONS**

- Some small modifications have been done in original rough draft of the syllabus recommended by the BOS committee.
- Suggested there should be no variation in the course structure of JNTUK in the curriculum of constituent colleges.
- As per to our notice it is said that it is said that Dept. of CSE & IT is not having chemistry lab in their 1<sup>st</sup> year curriculum. So suggested to introduce the chemistry lab according to course structure.
- Also suggesting to have engineering & applied chemistry papers.

Finally the revised syllabus has been duly accepted by the members and recommended to accept it.

S.No. 1	Name Dr. Jetti Srinivasa Rao	Position Chairman	Signature
2	Dr. S. Satyaveni	University Nominee	Colon State of the
3	Dr. M.L.N. Achari	Member of Nominee-1	Arlux
4	Dr. Ch. Ramakrishna	Member of Nominee-2	Camb
5	Mr. G. Nagaraju	Member-1	Chro L.
6	Mr. N. Dinesh	Member-2	N. Dinesh
TI	A CAI	Principal Principal	CHING COLLEGE

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#### DEPARTMENT OF ENGLISH

## **BOARD OF STUDIES (BOS) MEETING OF ENGLISH**

Date: 18.12.2020

#### AGENDA OF THE MEETING:

- Welcoming the distinguished 'Members of the Board of Studies' for the BoS meeting by the Head of the Department.
- Review/Approval of the academic regulation for the UG and PG Program.
- Review/Approval of the detailed syllabi of English related subjects for UG B.Tech and PG (MCA)
- Any other suggestions/ advice to the Department.
- Vote of Thanks.

### MINUTES OF BOARD OF STUDIES MEETING:

- ❖ The meeting was held at the English Communication Skills Lab, Narasaraopeta Engineering College on 18th December, 2020 at 3 P.M. through Online using Microsoft Teams platform.
- The principal and the Head of the Department BS & H extended their warm welcome to Dr. K.Madhavi Reddy, Associate Professor (NIT); Prof. Dr.E.Dileep, Prof. Dr. A.Sharada
- ❖ The BoS approved the academic regulations and course structures of R-20 related to English Language and Communication Skills.
- The committee emphasized the need for contemporary topics which can enhance the English Communication skills of students and insisted that the topic should connect with the students.
- The following changes have been recommended by the committee regarding English.

#### 1. Situational Dialogues:

Inclusion of more speaking activity oriented communicative approach during the laboratory session.

Formal & informal speaking etiquettes to invite, accept & declination along with commands, instructions and requests are incorporated.

#### 2. Reading Skills:

Insertion of reading skills through reading between the lines and critical reading for evaluation by identifying sequence of ideas.

Text related reading activities by recognizing verbal techniques are added.

Group Discussion:

Incorporation of group strategies to face the unknown situations it refer ENGINEERING CONNEW Normal" of post-COVID situation trough ecclesiastical (AUTONOMOUS)

approaches.

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Group related approaches in fact based group discussion, abstract group discussion, case study based group discussion and social/technical/economic topic oriented group discussions are introduced.

#### 4. Soft Skills:

Accomplishment of more behavioural management oriented skills, life skills and soft skills for the forth-coming professional challenges of the technocrats. The skills and strategies to manage time, set goals and managing inter-personal skills are appraised.

#### 5. Vocabulary:

Implementation of specific technology oriented vocabulary for the upskilling of the students.

Specific GRE vocabulary & Technical vocabulary are at par in this concern.

After completion of all the above modifications the committee approved/recommended the following English subjects.

- 1. Technical and Communicative English -1
- 2. Soft Skills and Communication Skills Lab
- 3. Technical and Communicative English -II
- 4. Employability Skills

S.No.	Name	Designation	Signature
1	Dr.K. Ponnari Lakshmi	Chairman	les-18/12/2020
2.	Dr. Madhavi Reddy Kesari	University Nominee	Molows.
3.	Prof.A. Sharada	Member	Sharp 18000
4.	Prof.E.Dileep	Member	2.2 - White Series 2.5
5	Z.Mohana Rao	Member	Mol 200 18/12/2020
6.	V.Aruna	Member	V-A 18/12/2020

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## DEPARTMENT OF MATHEMATICS

## BOARD OF STUDIES (BOS) MEETING OF MATHEMATICS

Date: 18th December 2020.

### AGENDA OF THE MEETING.

- Welcoming the distinguished 'Members of the Board of Studies for the BOS meeting by the Head of the Department.
- Review/Approval of the academic regulation for the UG Program.
- Review/Approval of the detailed syllabi of the mathematics subject for UG B.Tech.
- Any other suggestions/advice to the Department.
- Vote of Thanks

## MINUTES OF BOARD OF STUDIES MEETING.

- The meeting was held at the English Communication Skills Lab, Narasaraopeta Engineering College on 11th December 2020 at 11:00 A.M, through Online using Microsoft teams platform.
- The principal and the Head of the Department BS&H extended their warm welcome to Dr. K.Sobhan Babu, Professor & Head of the Department of Mathematics, UCEN, JNTUK, Narasaraopet; Prof. Dr. Bhavanari Satyanarayana, Professor in Mathematics, Acharaya Nagarjuna University, Guntur; Dr.M.Phani Kumar, Assistant Professor in Mathematics, Department of S&H, VIT-AP, Amaravathi.
- The BoS approved the academic regulations and course structures of R-20 related to Mathematics.
- The committee emphasized the need for contemporary topics which can enhance the mathematics skills of students and insisted that the topics should connect with the students.
- The following changes have been recommended by the committee regarding Mathematics

### 1. Matrix Algebra and Calculus:

In Unit-I: As an application of this unit added "Traffic flow" problems and in Unit-V the concept "momenta of inertia" was added

2. Complex Variables, Probability and Statistics (B.Tech):

Title of the Unit-III was changed as probability and random variable included the topics: Probability, Conditional Probability, Baye's theorem in this unit.

Title of the Unit-IV was changed as Sampling Distribution. II.

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After completion of all the modifications the committee approved/recommended the following mathematics subjects.

1. Matrix Algebra and Calculus

(Common to all branches in I.B.Tech., I. Semester)

2. Differential Equations and Vector Calculus

(Common to Civil, EEE, ME and ECE I.B.Tech., II. Semester)

- 3. Numerical Methods and Statistics (CSE, IT&AI, I.B.Tech., II. Semester)
- 4. Mathematical Foundations of Computer Sciences

(CSE,IT & A.I, II.B.Tech., I. Semester)

5. Numerical Methods and Transformations

(Common to Civil, EEE, ME and ECE II.B.Tech., I. Semester)

6. Complex Variables, Probability and Statistics

(Common to EEE & ME II.B.Tech., II. Semester)

S.N o.	Name	Designation	Signature
1	Dr. Shaik Mohiddin Shaw	Chairman	to welling the street
2	Dr. K. Sobhan Babu	University Nominee	alakan
3	Prof.Dr.Bhavanari Satyanarayana	Member	A Commission
4	Dr. Phani Kumar	Member	Wens 11/2/2010
5	Dr. G. Dharmaiah	Member	4312 24230
6	Dr. R. Durga Prasad	Member	S. Shake Birty



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## DEPARTMENT OF PHYSICS

## BOARD OF STUDIES (BOS) MEETING OF PHYSICS

The board of studies online meeting of Physics department took place at block – 3 on 10th Dec, 2020 held at 10 AM. The following members participated in the meeting. Chairman: Dr. T. Anjaneyulu

University Nominee: Dr. Y. Ramakrishna

Member of nominee 1: Dr. K. Surendranath

Member of nominee 2: Dr. Sk. Mahamuda Member 1: Dr. K. Neeraja

To finalize the Engineering Physics syllabus of both theory and lab as per 2019 Regulation, the following modifications are recommended by the committee to the original rough draft.

- 1. Suggested Engg Physics for non-circuit branches and Applied Physic for circuit branches to fulfill the norms proposed by AICTE.
- 2. As per their suggestion we introduced Ultrasonics and Acoustics chapters in Engg Physics and Superconductors in Applied Physics

Finally the revised syllabus has been duly accepted by the members and recommended to accept it.

S.No	rante	Category	Designation	E-Mail id & Mobile No Signature
1.	Dr. T. Anjaneyulu	Professor		dranjanevulut@gmail.com
2.	Dr. Y. Ramakrishna	Professor	University Nominee	9160606045
	Dr. K. Surendranath	Professor	Member Nominee of Academic council (External Subject Expert)	9849856906  kandepu.surendranath@gmail .com  9849000895
	Dr. Sk. Mahamuda	-	Member Nominee of Academic council (External Subject Expert)	mahamuda.ss@gmail.com 9908452265
3. 1	Dr. K. Neeraja	Associate Professor	Member	neerajakatta7@gmail.com 9441619226  Frincipal V. Mural

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## DEPARTMENT OF CHEMISTRY

## BOARD OF STUDIES (BOS) MEETING OF ENGINEERING CHEMISTRY

The board of studies meeting of chemistry department took place (online mode-Microsoft Teams) on 15th December 2020 held at 11:00AM. The following members participated in the

Chairman

Dr. Jetti Srinivasa Rao

University Nominee

Dr. S. Satyaveni

Member of Nominee-1 Member of Nominee-2

Dr. M.L.N. Achari

Dr. Ch. Ramakrishna

Member-1

Dr. PNVVL Pramila Rani

To finalize the Engineering Chemistry syllabus of both theory and lab as per 2020 regulation.

### **SUGGESTIONS**

No modifications have been done in original rough draft of the syllabus recommended by the

Finally the revised syllabus has been duly accepted by the members and recommended to accept it.

S.No.	Name	Position	Signature
1 2 3 4 5	Dr. Jetti Srinivasa Rao Dr. S. Satyaveni Dr. M.L.N. Achari Dr. Ch. Ramakrishna Dr. PNVVL Pramila Rani	Chairman University Nominee Member of Nominee-1 Member of Nominee-2 Member-1	Canhy Bla Ri.P.

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## DEPARTMENT OF ENVIRONMENTAL STUDIES

## BOARD OF STUDIES (BOS) MEETING OF ENVIRONMENTAL STUDIES

The board of studies meeting of chemistry department took place (online mode-Microsoft Teams) on 15th December 2020 held at 11:00AM. The following members participated in the meeting.

Chairman Dr. Jetti Srinivasa Rao University Nominee Dr. S. Satyaveni Member of Nominee-1 Dr. M.L.N. Achari Member of Nominee-2 Dr. Ch. Ramakrishna Member Dr. K. Sreenivasulu

**AGENDA** 

To finalize the Environmental studies syllabus as per 2020 regulation.

### **SUGGESTIONS**

Some topics related to Covid-19 like Covid-19 and environmental Health-Impact of the Corona virus-Precautions and infection control related to Covid-19 have been added in 4th unit in original rough draft of the syllabus recommended by the BOS committee in Regulation-19.

Finally the revised syllabus has been duly accepted by the members and recommended to accept it.

	*		
S.No.	Name	Position	<b>~</b> :
1	Dr. Jetti Srinivasa Rao	Chairman	Signature
2	Dr. S. Satyaveni	University Nominee	20-
3	Dr. M.L.N. Achari	Member of Nominee-1	Num
4	Dr. Ch. Ramakrishna	Member of Nominee-2	cenha
5	Dr. K. Sreenivasulu	Member	Canhy (Ques

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