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
6.	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

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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

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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Sk. Sahe 22/6/16

Y. Ar 22/6/16

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DEPARTMENT OF CIVIL ENGINEERING

BOARD OF STUDIES

ATTENDANCE SHEET

S.No	Name	Category	Designation	E-Mail id & Mobile No	Signature
1	Dr.VijayanGurumurthylyer	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		
6	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	jvgm62@ gmail.com 9440588766	
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		
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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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	Signature
1	Dr. Vijayan Gurumurthy Iyer	Professor	Member	
2	Mr S.Kanakambara Rao	Assoc. Professor.	Member	24/5/17
3	Mr M.Srinivasa Rao	Assoc. Professor.	Member	M. Srinivasa Rao
4	Mr P. Mohana Ganga Raju	Assoc. Professor.	Member	
5	Mr Y.Anjaiah	Asst. Professor	Member	Y. Anjaiah
6	Mr D.V. Naresh Kumar	Asst. Professor	Member	D.V. Naresh Kumar
7	Ms K. Pratyusha	Asst. Professor	Member	K. Pratyusha
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	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	
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	24/5/17
11	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member	
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	

CHAIRMAN
BOS- CIVIL

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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.com	Principal of JNTUK, Narasaraopeta, Guntur dist. AP-522601.	Nominee of JNTUK, Kakinada	
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	26/4/2018
4	Mr S.Kanakambara Rao	Assoc. Professor.	Member	26/4/18
5	Mr M.Srinivasa Rao	Assoc. Professor.	Member	
6	Mr Y.Anjaiah	Asst. Professor	Member	
7	Ms. K. Pratyusha	Asst. Professor	Member	
8	K.V. Naga Laxman Naik	Asst. Professor	Member	
9	G. Babu Rao	Asst. Professor	Member	
10	B.Hari kumar	Asst. Professor	Member	
11	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member	
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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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	26/4/2018
4	Mr S.Kanakambara Rao	Assoc. Professor.	Member	
5	Mr M.Srinivasa Rao	Assoc. Professor.	Member	M. Srinivasa Rao
6	Mr Y.Anjaiah	Asst. Professor	Member	
7	Ms. K. Pratyusha	Asst. Professor	Member	
8	K.V. Naga Laxman Naik	Asst. Professor	Member	
9	G. Babu Rao	Asst. Professor	Member	G. Babu Rao
10	B.Hari kumar	Asst. Professor	Member	
11	Mr. M. R. Mohideen Ph, No: 9490757905. Email ID: mirrahmath@gmail.com	Executive engineer NSJCO&M DIVISION Lingauntla, Narasaraopeta	Member	
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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Certified Institution
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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 Members

Minutes of Meeting: Members discussed at length the Circulars of Both B.Tech & M.Tech of First year & Second year.

S. No	Name	Designation	Position of BoS	Signatures	
				B. Tech Program	M. Tech Program
1	Dr. T. Gopi Krishna Vasista	Professor & HOD, Civil	Chairman	TGKVS	TGKVS
2	Dr. G. Babu Rao	Associate Professor	Member (Internal Subject Expert)	G.Babu Rao	G.Babu Rao
3	M. Srinivasa Rao	Asst. Professor	Member (Internal Subject Expert)	M.Srinivasa Rao	M.Srinivasa Rao
4	K.V. Naga Laxman Naik	Asst. Professor	Member (Internal Subject Expert)		
5	B. Hari kumar	Asst. Professor	Member (Internal Subject Expert)	B.Hari	B.Hari
6	Dr.K.V.S.G Murali Krishna	Professor	JNTUK Nominee		
7	Dr.T.V.S Vara Lakshmi	Asst. professor	Member External Subject Expert		
8	Dr.E.Venkata Rathnam	Professor	External Subject Member		
9	Mr. M. R. Mohideen	Executive engineer	Industrial Member		
10	K.Kalyan Chakravathi	Post Graduate	Alumni Member		
11.					

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BOS COMMENT 2

Dr.T.V.S Vara Lakshmi

II year - 1st sem:

(1.) Consider the version-1 for Building planning & services drawing. - 19BCE3TH03

(2.) 19BCE32B04 - Manual drawing + Auto Cad drawing both.

(3.) Then only syllabus will be covered otherwise little difficult.

(4) 19BCE3TH05 - Surveying:

(i) unit-I - Introduction of Total station.

(ii) unit-II - temporary & permanent adjustment are required.

(iii) unit-III - (i) Curvature and refraction corrections.

- (ii) Rise and fall, Height of instruments method.

(iv) unit-IV - Tacheometric surveying.

- C & k constant finding

- curves - elements of curves & definitions

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II year - 2nd Sem.

(i) 19BCE4THO2 - C.T.

unit-I — (i) Tests on cement
(ii) Tests on aggregate are required in detail.

unit-3 — interchange the chapters ~~3 & 4) as (4) & (3)~~

unit-3 title as concrete Mix design, but not mention the design problem.

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

22/7/19

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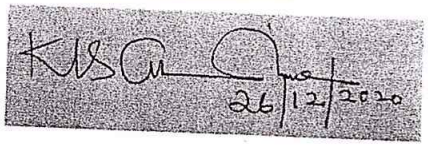
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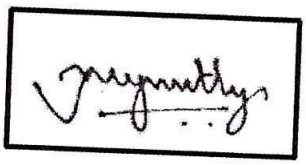
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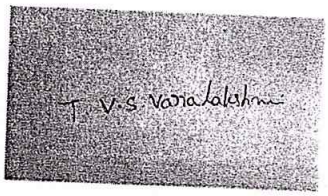
Date: 26-12-2020

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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DEPARTMENT OF CIVIL ENGINEERING

26th December 2020

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

Members Present:

S. No.	Name	Category	Designation	specialization	Signature
1	Dr P Naga Sowjanya	Assoc. Professor & HOD	Chairman	Remote Sensing and GIS	Sowjanya
2	**Dr.K.V.S.G Murali Krishna**	**PRINCIPAL Dept. of CIVL ENGG, JNTUK, Kakinada**	**Member Nominee of JNTUK Kakinada**	**Environmental Engineering**	
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	
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	Absent
7	Dr. G. Nandini Devi	Professor CED, NEC	Member (Internal Subject Expert)	Structural Engineering	
8	Dr G Babu Rao	Assoc. Prof	Member	Geology	
	M. Srinivasa Rao	Asst. Prof	Member	Structural Engineering	Absent
10	K V Pratap	Asst. Prof	Member	Structural Engineering	

Sowjanya
HoD, CE

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CHAIRMAN
BoS - CIVIL Engineering Dept.
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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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DEPARTMENT OF CIVIL ENGINEERING

Date: 01-03-2021

Agenda of BOS meeting

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

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S. No.	Name of the BOS member	Signature
1	Dr P Naga Sowjanya	
2	**Dr.K.V.S.G Murali Krishna**	26/12/2020
3	Dr.T.V.S Vara Lakshmi	
4	Dr. J.V. GURUMURTHRY	
5	Mr. M. R. Mohideen	Absent
6	K.Kalyan Chakravathi	Absent
7	Dr. G. Nandini Devi	
8	Dr G Babu Rao	
9	M. Srinivasa Rao	Absent
10	K V Pratap	

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Principal
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HoD, CE
CHAIRMAN
BoS - CIVIL Engineering Dept.
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NARASARAOPETA ENGINEERING COLLEGE: AUTONOMOUS: NARASARAOPET
DEPARTMENT OF CIVIL ENGINEERING

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

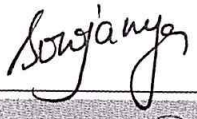
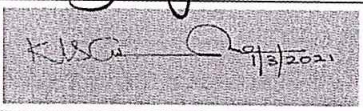
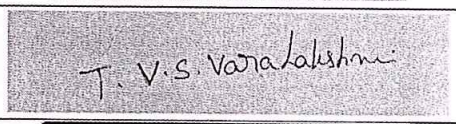
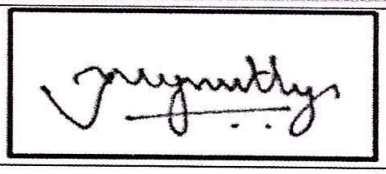
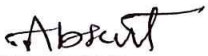
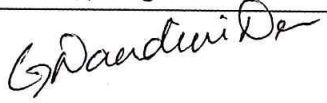
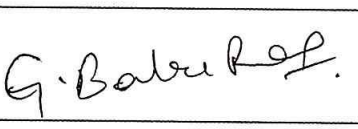
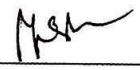
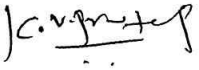
Members Present:

S. No.	Name	Category	Designation	specialization	Signature
1	Dr P Naga Sowjanya	Assoc. Professor & HOD	Chairman	Remote Sensing and GIS	
2	Dr.K.V.S.G Murali Krishna	PRINCIPAL Dept. of CIVL ENGG, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Environmental Engineering	
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	
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	Absent
7	Dr. G. Nandini Devi	Professor CED, NEC	Member (Internal Subject Expert)	Structural Engineering	
8	Dr G Babu Rao	Assoc. Prof	Member	Geology	
9	M N S Samba Siva Rao	Asst. Prof	Member	Hydraulics,Coastal&Harbour Engineering	
10	K V Pratap	Asst. Prof	Member	Structural Engineering	

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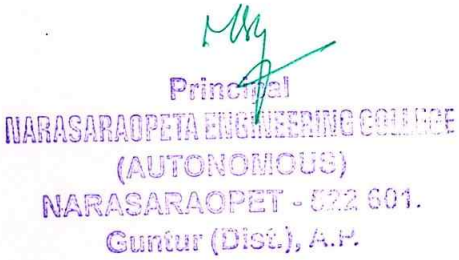
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DEPARTMENT OF CIVIL ENGINEERING

S. No.	Name of the BOS member	Signature
1	Dr P Naga Sowjanya	
2	**Dr.K.V.S.G Murali Krishna**	
3	Dr.T.V.S Vara Lakshmi	
4	Dr. J.V. GURUMURTHRY	
5	Mr. M. R. Mohideen	
6	K.Kalyan Chakravathi	
7	Dr. G. Nandini Devi	
8	Dr G Babu Rao	
9	M N S Samba Siva Rao	
10	K V Pratap	


HOD-CE





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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

I[st] 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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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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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Board of Studies meeting conducted on 22.06.2016

S. No.	Name	Category	Designation	specialization	Contact No. & Mail ID	Signature
1	Dr. P.Lakshmanan	Professor & HOD	Chairman	Power Systems	9494990832 lakchandp@gmail.com	
2	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	8500961061 sirigiri70@yahoo.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 mapselvam@gmail.com	22/06/16
4	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power Engg.	9440931217 venumannam@gmail.com	22/6/16
5	Mr. O.Kishore Babu	ADE, Dr.NTTPS, Ibrahimpatnam, Vijayawada	Member Industry representat-ive	Electrical and Electronics Engg.	9490294560 oggu1975@gmail.com	22/6/16
6	Mr. G. Kaladhar	Alumni Post Graduate	Member Alumni	Power & Industrial Drives	8977284289 kaladhar1.mtech@gmail.com	
7	Dr. V. Bala Krishna Reddy	Professor	Member	Power Systems	9346144413 vbkreddy12@gmail.com	
8	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	9849649445 skmseee@gmail.com	
9	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	9440742214 pdvskkishore@gmail.com	
10	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	9505551561 sunnyjoybennymarry@gmail.com	
11	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	9618192878 ravikumar.pustela@gmail.com	
12	Mr. A.Ramanjaneyulu	Assoc. Professor	Member	Power Electronics	9866216641 ramanjaneyulualla@gmail.com	
13	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	9493927301 chandrasekhar.eee@gmail.com	22/6/16
14	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	9908564424 nagaraj204@gmail.com	22/6/16

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22nd 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

1	**Dr. P.Lakshmanan,** Professor & Head, Dept.of EEE Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Chairman, BOS	
2.	**Dr. S.Sivanagaraju,** Professor, Dept.of EEE University College of Engineering, JNTUK, Kakinada	External Member (AC Nominee) (JNTUK, Kakinada)	
3	**Dr. M.A.Panneer selvam,** Professor & Dean Dept. of EEE, Tagore Engineering College, Chennai	External Member (AC Nominee)	22/06/16
4	**Dr.M.Venugopala Rao,** Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	External Member (AC Nominee)	22/6/16
5	**Mr. O.Kishore Babu ,** ADE, Dr.NTTPS, Ibrahimpatnam, Vijayawada	External Member (Industry representative)	22/6/16
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	

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9	**Mr. Sk.Md. Shareef,** Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	22/6/16
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	Absent
12	**Mr. P.Ravi Kumar,** Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	P Ravi 22.06.16
13	**Mr. A.Ramanjaneyulu,** Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	22/6/16
14	**Mr. M.Chandra Sekhar,** Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	Chair 22/6/16
15	**Mr. G.Naga Raju,** Assoc.Professor, Dept. of EEE, Narasaraopeta Engineering College, Narasaraopet, Guntur(Dt).	Internal Member	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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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). L T P for theoy courses is 4 0 0 and for practical courses is 0 0 6. 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

21/6/16

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

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R16 Regulation

2nd BoS Meeting

For the approval of

B.Tech 2nd 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	
3	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	
4	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	
5	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	
6	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	
7	Mr. A.Ramanjaneyulu	Assoc. Professor	Member	Power Electronics	
8	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	
9	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	

15/5/17

BOS - Chairman

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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

19/05/17

19/5/17

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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	
2.	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	
3.	Dr. M.A.Panneer selvam	Professor & Dean Dept. of EEE, Tagore Engineering College, Chennai	Member Nominee of CAC	High Voltage Engineering	19/05/17
4.	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power Engg.	19/5/17
5.	Mr. O.Kishore Babu	ADE, Dr.NTTPS, Ibrahimpatnam, Vijayawada	Member Industry representative	Electrical and Electronics Engg.	19/5/17
6.	Mr. G. Kaladhar	Alumni Post Graduate	Member Alumni	Power & Industrial Drives	
7.	Dr. V. Bala Krishna Reddy	Professor	Member	Power Systems	
8.	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	
9.	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	
10.	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	
11.	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	
12.	Mr. A.Ramanjaneyulu	Assoc. Professor	Member	Power Electronics	
13.	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	
14.	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	

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: Signature

1. Dr.P.Lakshmanan
2. 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
10. Mr.P.Ravi Kumar
11. Mr.G.Naga Raju
12. Mr.M.Chandra Sekhar — 19/5/17

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R16 Regulation

3rd BoS Meeting

For the approval of

B.Tech 3rd and 4th year

Course Structure and Syllabus

Held on 06.04.2018

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06.04.2018

Agenda of BOS meeting

1. To discuss 3rd and 4th B.Tech Ist and IInd Semester Electrical and Electronics branch subjects Syllabi.

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06.04.2018

Resolutions made at BOS meeting

1. 3rd and 4th B.Tech Ist and IInd Semester Electrical and Electronics branch Course Structure is discussed and Finalized.
2. 3rd B.Tech Ist and IInd 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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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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

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	Absent
3	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	
4	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power Engg.	
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	
8	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	
9	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	
10	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	
11	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	
12	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	Absent
13	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	
14	Mr.B.Praveen Kumar	Asst.Professor	Member	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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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 08.05.2018

Agenda of 4th BOS meeting

1. To discuss 4th B.Tech Ist and IInd Semester Electrical and Electronics branch subjects Syllabi.

8/5/18

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

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	Absent
3	Dr.S.Sivanagaraju	Professor, EEE University College of Engineering, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	
4	Dr.M.Venugopala Rao	Professor, EEE PVP Siddhartha Institute Of Technology, Vijayawada	Member Nominee of CAC	Elec. Power Engg.	8/5/18
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	
8	Mr. Sk.Md. Shareef	Assoc. Professor	Member	Power & Industrial Drives	
9	Mr. P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	
10	Mr. J.Sunil Babu	Assoc. Professor	Member	Power Systems	
11	Mr. P.Ravi Kumar	Assoc. Professor	Member	Power Systems	
12	Mr. M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	Absent
13	Mr. G.Naga Raju	Assoc. Professor	Member	Power & Industrial Drives	
14	Mr.B.Praveen Kumar	Asst.Professor	Member	Power Electronics	

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 08.05.2018

Resolutions made at 4th BOS meeting

1. 4th B.Tech Ist and IInd 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 20th 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).

HOD,EEE

Received the above documents
30/7/19
(G.Raphi)

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E – mail: nrtec_eee@yahoo.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

S. 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	
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	20/7/19
5	Mr.S.Selvakumar	Power System Engineer, ABB Global Industries Ltd Chennai	Member Industry representative	Power Systems	20.07.19
6	Mr.A.Narasimha	Manager, BEML, Bengaluru	Member Alumni	EEE	
7	Mr.Sk.Md.Shareef	Assoc. Professor	Member	Power & Industrial Drives	20/7/19
8	Mr.P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	20/7/19
9	Mr.J.Sunil Babu	Assoc. Professor	Member	Power Systems	20.7.19
10	Mr.M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

20.07.2019

Resolutions made at BOS meeting

1. 1st and 2nd B.Tech Ist and IInd Semester Electrical and Electronics branch of R19 regulations Course Structure is discussed and Finalized.
2. 1st and 2nd B.Tech Ist and IInd 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
6. 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

20th 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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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 20-07-2019

Resolutions made at BOS meeting

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

S.No.	Name	Signature
1	Dr.P.Lakshmanan	20/7/19
2	Dr.S.Sivanagaraju	20/7/19
3	Dr.Ch.Chengaiah	20/7/19
4	Dr.I.Satish Kumar	20/7/19
5	Mr.S.Selvakumar	20/07/19
6	Mr.A.Narasimha	Absent
7	Mr.Sk.Md.Shareef	20/7/19
8	Mr.P.D.V.S.K. Kishore	20/7/19
9	Mr.J.Sunil Babu	20.7.19
10	Mr.M.Chandra Sekhar	

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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 — CHAIRMAN, BoS - EEE Dept., NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), NARASARAOPET - 522 601. Guntur (Dist.), A.P.

Dr.S.SIVANAGARAJU

Dr.C.CHENGAIAH

Dr.I.SATISH KUMAR

Dr.S.SELVA KUMAR

SK.MD.SHAREEF

P.D.V.S.K.KISHORE

J.SUNIL BABU

M.CHANDRA SEKHAR

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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 26.12.2020

S. 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	
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	
5	Mr.S.Selvakumar	Power System Engineer, ABB Global Industries Ltd Chennai	Member Industry representative	Power Systems	
6	Mr.A.Narasimha	Manager, BEML, Bengaluru	Member Alumni	EEE	Absent
7	Mr.Sk.Md.Shareef	Assoc. Professor	Member	Power & Industrial Drives	
8	Mr.P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	
9	Mr.J.Sunil Babu	Assoc. Professor	Member	Power Systems	
10	Mr.M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	

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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 1st and 2nd 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.
NARASARAOPETA ENGINEERING COLLEGE
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Guntur (Dist.), A.P.

Dr.S.SIVANAGARAJU

Dr.C.CHENGAIAH

Dr.I.SATISH KUMAR

Dr.S.SELVA KUMAR

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SK.MD.SHAREEF

P.D.V.S.K.KISHORE

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J.SUNIL BABU

M.CHANDRA SEKHAR

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 6th BoS meeting for the approval of Regulation R19 3rd and 4th B.Tech Autonomous Course Structure and Syllabus of EEE department held on 27.02.2021

S. No.	Name	Category	Designation	specialization	Signature
1	Dr.P.Lakshmanan	Professor & HOD	Chairman	Power Systems	CHAIRMAN BoS - EEE Dept. NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) NARASARAOPET - 522 601. Guntur (Dist.), A.P.
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	
4	Dr.I.Satish Kumar	Asst. Professor, National Institute of Technology, Warangal	Member Nominee of CAC	Power Systems	
5	Mr.S.Selvakumar	Power System Engineer, ABB Global Industries Ltd Chennai	Member Industry representative	Power Systems	
6	Mr.A.Narasimha	Manager, BEML, Bengaluru	Member Alumni	EEE	Absent
7	Mr.Sk.Md.Shareef	Assoc. Professor	Member	Power & Industrial Drives	
8	Mr.P.D.V.S.K. Kishore	Assoc. Professor	Member	Power & Industrial Drives	
9	Mr.J.Sunil Babu	Assoc. Professor	Member	Power Systems	
10	Mr.M.Chandra Sekhar	Assoc. Professor	Member	Power Electronics	

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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 3rd and 4th B.Tech. Course Structure and Syllabus is discussed and finalized.
2. Open Elective Subjects are after the Professional Elective Subjects in Course Structure order.
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., NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), NARASARAOPET - 522 601. Guntur (Dist.), A.P.

Dr.S.SIVANAGARAJU

Dr.C.CHENGAIAH

Dr.I.SATISH KUMAR

Dr.S.SELVA KUMAR

SK.MD.SHAREEF

P.D.V.S.K.KISHORE

J.SUNIL BABU

M.CHANDRA SEKHAR

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DEPARTMENT OF MECHANICAL ENGINEERING

22nd June, 2016.

Minutes of the 1st Board of studies Meeting held on 22nd June, 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
6	Ch.Sekhar Assoc.Professor Narasaraopeta Engineering College, Narasaraopet	Internal Member

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7	Dr.G.Bhanu Kiran Asst.Prof. Dept of ME, IIIT- Idupula Paya, YSR Kadapa	Member Nominee of Academic Council
8	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	Dr.S.Siva Naga Malleswara Rao CIBER SITES INDIA Pvt Ltd.	Member Nominee of Academic Council
12	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 College, 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

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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 reframed).

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ITEM 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 syllabi and later the same may be intimated to the members of the BOS.

Meeting concluded with thanks to the Chair

12/6/16

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

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ignatures of the Members of Board of Studies

S.No.	Name	Signature
1	Dr.D.Suneel	
2	Dr.D.Jagadish	
3	A.Chandra Mouli	
4	P.Suresh Babu	
5	k.krishna Kishore	
6	Ch.Sekhar	
7	Dr.G.Bhanu Kiran	
8	Dr. Ch.R.Vikram Kumar	
9	Dr.V.V.Subba rao	Absent
10	A.Pavan Kumar	
11	Dr.S.Siva Naga Malleswara Rao	
12	Dr.J.V.L.Venkatesh	

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E-mail: prjec_mech@yahoo.com, Website: http://www.nrtenggcollege.com
DEPARTMENT OF MECHANICAL ENGINEERING

20th May, 2017.

Minutes of the 2nd Board of studies Meeting held on 20th 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 Engineering College, Narasaraopet.	Internal Member
6	Ch.Sekhar Assoc.Professor Narasaraopeta Engineering College, Narasaraopet	Internal Member

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7	Dr.G.Bhanu Kiran Asst.Prof. Dept of ME, IIIT- Idupula Paya, YSR Kadapa	Member Nominee of Academic Council
8	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	Dr.S.Sivanaga Malleswara Rao CIBER SITES INDIA Pvt Ltd.	Member Nominee of Academic Council
12	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.
2. 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 avalalability.
5. The subject of Theory of Machines can be changed as theory of mahcines-1, and machine dynamics and vibrations can be titled as thoery 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 technolgy 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 (sieve 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

S.No.	Name	Signature
1	Dr.D.Jagadish	
2	Dr.D.Suneel	
3	Dr.S.B.Venkata Siva	
4	P.Suresh Babu	
5	k.krishna Kishore	
6	Ch.Sekhar	
7	Dr.G.Bhanu Kiran	
8	Dr. Ch.R.Vikram Kumar	
9	Dr.V.V.Subba rao	
10	A.Pavan Kumar	Absent.
11	Dr.S.Sivanaga Malleswara Rao	
12	Dr.J.V.L.Venkatesh	

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Dept. of Mechanical Engineering

3rd BOARD OF STUDIES MEETING

AGENDA

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

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DEPARTMENT OF MECHANICAL ENGINEERING

28/04/2018

Minutes of the 3rd Board of Studies meeting held on 28th 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 3rd year and 4th 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 Engineering 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

1. In 4-2 Practical training/Internship, guidelines has to be framed, number of days has
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	
2	Dr.M.Sreenivasa Kumar	
3	Dr.D.Suneel	
4	Dr.S.B.Venkata Siva	
5	Dr.V.V.Subba rao	
6	P.Suresh Babu	
7	Ch.Sekhar	
8	Dr.G.Bhanu Kiran	
9	Dr. Ch.R.Vikram Kumar	Absent
10	Dr.S.Sivanaga Malleswara Rao	
11	Dr.J.V.L.Venkatesh	Absent
12	A.Pavan Kumar	

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DEPARTMENT OF MECHANICAL ENGINEERING

20th July, 2019.

Minutes of the 1st Board of studies Meeting held on 20th 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.

MEMBERS PRESENT

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	
2.	Dr.A.Gopala Krishna	Professor	JNTUK Nominee	Mobile No: 8008652555 E-Mail dr.a.gopalakrishna @gmail.com	
3.	Dr.M.Sreenivasa Kumar	Principal	Member (Internal Subject Expert)	Mobile No: 9440757039 E-Mail principal@nrtec.ac.in	
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	
6.	Dr.Y.Ravi Kumar	Assoc.Professor	Subject Expert	Mobile No: 9440868867 E-Mail raviykumar@yahoo.com	Absent
7.	Dr.P.S.Rama Srikanth	Assoc.Professor	Subject Expert	Mobile No: 07854075580 E-Mail happyshrikanth@gmail.com	
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	

(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.Suneel	Professor & HOD	Chairman	Mobile No: 9441895535 E-Mail UGCNANO@gmail.com	
2.	Dr.A.Gopala Krishna	Professor	JNTUK Nominee	Mobile No: 8008652555 E-Mail dr.a.gopalakrishna @gmail.com	
3.	Dr.M.Sreenivasa Kumar	Principal	Member (Internal Subject Expert)	Mobile No: 9440757039 E-Mail principal@nrtec.ac.in	
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	
6.	Dr.Y.Ravi Kumar	Assoc.Professor	Subject Expert	Mobile No: 9440868867 E-Mail raviykumar@yahoo.com	Absent
7.	Dr.P.S.Rama Srikanth	Assoc.Professor	Subject Expert	Mobile No: 07854075580 E-Mail happyshrikanth@gmail.com	
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	

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Chairman, BOS
(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.
2. 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.

(Contd....)

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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

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	
2.	Dr.M.Sreenivasa Kumar	Principal, BOS Member-Internal Subject Expert Mobile No: 9440757039 E-Mail: principal@nrtec.in	
3.	Dr.D.Jagadish	Professor, BOS Member-Internal Subject Expert Mobile No: 9885419504 E-Mail: djagadish.009@gmail.com	
4.	Dr. S. B. Venkata Siva	Professor, BOS Member-Internal Subject Expert Mobile No: 9692464540 E-Mail: venkatasivanec@gmail.com	

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5.	Dr.A.Gopala Krishna	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	
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	
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	
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	

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 syllabus 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 stipulated 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, Laser 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.
- Autocronics and Safety Honors Course may be added with Solar Vehicle concepts.
- Additive 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 2nd BOS Online Meeting (R19) held on 13th February 2021

Venue: Principal's chamber, Narasaraopeta Engineering College (Autonomous)
Time: 2 PM

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	
2	Dr.M.Sreenivasa Kumar	Principal, BOS Member-Internal Subject Expert Mobile No: 9440757039 E-Mail: principal@nrtec.in	
3	Dr.D.Suneel	Professor & Vice Principal BOS Member-Internal Subject Expert Mobile No: 9441895535 E-Mail: viceprincipal@nrtec.in	
4	Dr.D.Jagadish	Professor, BOS Member-Internal Subject Expert Mobile No: 9885419504 E-Mail: drjagadish@nrtec.in	
5	Dr.P.Suresh Babu	Associate Professor, BOS Member-Internal Subject Expert Mobile No: 8500857969 E-Mail: drsureshbabu@nrtec.in	

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6	Dr.T.V.Deepthi	Associate Professor, BOS Member-Internal Subject Expert Mobile No: 9985589596 E-Mail: drvenkatadeepthi@nrtec.in	
7	Dr.A.Gopala Krishna	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
8	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: yrk@nitw.ac.in	
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	
10	A.Ravi Shankar	BOS-Industry Member General Manager(Mech.), Secretary-IIW, Rashtriya Ispant Nigam Ltd., Structural Mill, Visakhapatnam. Mobile No: 9866747971 E-Mail: alikanars@gmail.com	
11	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	

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 Semester

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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-II-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
- 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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22nd 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)

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

22nd June, 2016

Board of studies of Electronics & Communication Engineering

ATTENDANCE SHEET

S. No.	Name	Category	Designation	E-Mail id. & Mobile No.	Signature
1	Dr. V. Venkata Rao	Professor and Head of the Department	Chairman	vvenkatarao2k9tec@gmail.com 94411 27485	
2	Dr. B. V. Rama Mohana Rao	Professor & Principal	Member	nrtec_principal@yahoo.com 99897 34703	Absent
3	Dr. Sk. Sd. Basha	Professor	Member	shaikarchi@gmail.com 90149873291	Absent
4	Mr. J. V. K. Ratnam	Professor	Member	ratnamjvklakshmi@yahoo.co.in 94409 43215	
5	Mr. P. S. S. Chakravarthy	Professor	Member	chakri.pss@gmail.com 98858 54901	
6	Mr. J. Narasimha Rao	Associate Professor	Member	jnarasimharao09@gmail.com 97036 32376	
7	Mr. N. Sayedu Khasim	Associate Professor	Member	sayedukhasim@gmail.com 99855 95567	
8	Dr. B. Chandra Mohan	Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council	chandrabhuma@gmail.com 94911 12477	
9	Dr. D. Venkata Rao	Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council	dv2002in@yahoo.co.in 99638 78335	
10	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	Approved
11	Mr. K. Pavan Kumar	Staff Design Engineer, Marvel India Pvt. Ltd., Second Floor, Leela Galleria, 23rd Old Airport, Bangalore- 8.	Member	kdrapavan@gmail.com 99164 84837	Absent
12	Dr. V. Anil Kumar	Alumni, Assistant Professor, IIITH, Hyderabad.	Member	anil.vuppala@iiit.ac.in 85007 27346	V. Anil Kumar
13	Mr. Jayachandra Aradhya	CEO, Silicon Micro Systems, Bengaluru	Special Invitee	aradhya@simsindia.net 98440 40444	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

22nd June, 2016

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
8	Mr. P. S. S. Chakravarthy Professor	Internal Member

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8	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member
9	Mr. J. Narasimha Rao Associate Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member
10	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. The 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. Internship 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 Processing in Digital Electronics and Communication Systems specialization lab syllabus.

With the above modifications the PG course structure for both M.Tech 2 is approved along with the syllabus.
Approved.

Meeting concluded with thanks to the Chair.

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

Approved

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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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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

20th May, 2017

Minutes of the 2nd Board of studies Meeting held on 20th 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
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	Dr. B.V. Rama Mohana Rao Professor & Principal Narasaraopeta Engineering College, Narasaraopet	

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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	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

ITEM No. 1

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:

1. Rename title of the Unit-VI as 'Convolution, Correlation and PSD of Signals'.
2. Spell correctly Poly-Wiener as Paley-Wiener in Unit-IV.

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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 Minimizatioin 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-V.
3. Add Text book 'Electromagnetic Field Theory and Transmission Lines', G. S. 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 apllications 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:

1. 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. Rewrite Experiment 3 as 'Verfication of SR and JK Flip flops operation'.
3. Experiment 10 is done by using OP-Amp instead of BJT.
4. Experiment 12 is conducted by using OP-Amp.

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ITEM NO. 4

General Comments

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

1. 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.

20/5/17

(Dr. V. VENKATA RAO)
Chairman
BOS (ECE)
HEAD OF THE DEPARTMENT
DEPT. OF ELECTRONICS AND COMMUNICATION ENGG
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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

20th May, 2017

Board of studies of Electronics & Communication Engineering

ATTENDANCE SHEET

S. No.	Name	Category	Designation	E-Mail id. & Mobile No.	Signature
1	Dr. V. Venkata Rao	Professor and Head of the Department	Chairman	vvenkatarao2k9tec@gmail.com 94411 27485	20/5/17
2	Dr. B. V. Rama Mohana Rao	Professor & Principal	Member	nrtec_principal@yahoo.com 99897 34703	
3	Mr. J. V. K. Ratnam	Professor	Member	ratnamjvklakshmi@yahoo.co.in 94409 43215	
4	Mr. P. S. S. Chakravarthy	Professor	Member	chakri.pss@gmail.com 98858 54901	
5	Mr. J. Narasimha Rao	Associate Professor	Member	jnarasimharao09@gmail.com 97036 32376	
6	Mr. N. Sayedu Khasim	Associate Professor	Member	sayedukhasim@gmail.com 99855 95567	
7	Dr. B. Chandra Mohan	Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council	chandrabhuma@gmail.com 94911 12477	
8	Dr. D. Venkata Rao	Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council	dv2002in@yahoo.co.in 99638 78335	20/5/17
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	
10	Mr. K. Pavan Kumar	Staff Design Engineer, Marvel India Pvt. Ltd., Second Floor, Leela Galleria, 23rd 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.ac.in 85007 27346	
12	Mr. Jayachandra Aradhya	CEO, Silicon Micro Systems, Bengaluru	Special Invitee	aradhya@simsindia.net 98440 40444	

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20/5/17
Chairman
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Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada, Code: 47.
Twice Accredited by NBA & NAAC with 'A' Grade; An ISO 9001:2008 Certified Institution.
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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

25/4/18
Chairman, BOS
Dr. V. VENKATA RAO

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DEPARTMENT OF ELECTRONICS AND COMMUNICTION ENGINEERING

Board of studies of Electronics & Communication Engineering

25th April, 2018

ATTENDANCE SHEET

S. No.	Name	Category	Designation	E-Mail id. & Mobile No.	Signature
1	Dr. V. Venkata Rao	Professor and Head of the Department	Chairman	vvenkatarao2k9tec@gmail.com 94411 27485	
2	Dr. B. V. Rama Mohana Rao	Professor and Director Tirumala Engineering College, Narasaraopet.	Member	mohanaraosudharani1991@gmail.com 99897 34703	Absent
3	Dr. Sk. Sd. Basha	Professor	Member	shaikarchi@gmail.com 90149873291	Absent
4	Mr. J. V. K. Ratnam	Professor	Member	ratnamjvklakshmi@yahoo.co.in 94409 43215	
5	Mr. P. S. S. Chakravarthy	Professor	Member	chakri.pss@gmail.com 98858 54901	
6	Mr. J. Narasimha Rao	Associate Professor	Member	jnarasimharao09@gmail.com 97036 32376	
7	Mr. N. Sayedu Khasim	Associate Professor	Member	sayedukhasim@gmail.com 99855 95567	
8	Dr. B. Chandra Mohan	Professor and Head of the Department, Department of ECE, Bapatla Engineering College, Bapatla.	Member Nominee of Academic Council	chandrabhuma@gmail.com 94911 12477	
9	Dr. D. Venkata Rao	Professor and Principal, Narasaraopeta Institute of Technology, Narasaraopet.	Member Nominee of Academic Council	dv2002in@yahoo.co.in 99638 78335	
10	Dr. A.M. Prasad	Professor, Department of ECE, UCEK, JNTUK, Kakinada.	Nominee of JNTUK, Kakinada	a_malli65@yahoo.com 94415 64840	
11	Mr. K. Pavan Kumar	Staff Design Engineer, Marvel India Pvt. Ltd., Second Floor, Leela Galleria, 23rd Old Airport, Bangalore- 8.	Member	indrapavan@gmail.com 99164 84837	Absent
12	Dr. V. Anil Kumar	Alumni, Assistant Professor, IIITH, Hyderabad.	Member	anil.vuppala@iiit.ac.in 85007 27346	
13	Mr. Jayachandra Aradhya	CEO, Silicon Micro Systems, Bengaluru	Special Invitee	aradhya@simsindia.net 98440 40444	Absent

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Chairman, BOS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

25th April, 2018

Minutes of the 3rd Board of studies Meeting held on 25th 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
2	Dr. A.M. Prasad Professor, 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. J. V. K. Ratnam Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member
7	Mr. P. S. S. Chakravarthy Professor Department of ECE Narasaraopeta Engineering College, Narasaraopet	Internal Member

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

ITEM No. 1

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.

1. 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

ITEM No. 3

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.

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(Dr. V. VENKATA RAO)
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

20th July, 2019

Minutes of the 4th Board of Studies (BoS) Meeting for R19 Course Structure and Syllabus held on 20th 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

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 Narasaraopet	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.
2. 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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5. 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.
7. 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.

ITEM No. 2

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.
2. 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.
3. 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.
6. 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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ITEM No. 3

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 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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ITEM No. 5

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.

V. Venkata Rao

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

(Dr. N. Balaji)

(Dr. K. Venkata Ramanaiah)

(Mr. T. Seetha Ram Kumar)

V. Anil Kumar
(Dr. V. Anil Kumar)

K. S. Ravi
(Dr. K. Srinivasa Ravi)

(Dr. K. Raju)

(Dr. A.V. Nageswara Rao)

(Dr. B. Raghavaiah)

(Mr. J. V. K. Ratnam)

P. S. S. Chakravarthy
(Mr. P. S. S. Chakravarthy)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

20th July, 2019

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. Venkata Rao
2	Dr. N. Balaji	Professor in ECE Department	JNTUK University Nominee	Mobile No.: 9848115663 E-Mail: narayanamb@rediffmail.com	Absent
3	Dr. K.Venkata Ramanaiah	Associate Professor	Subject Expert	Mobile No.: 9849245750 E-Mail: ramanaiahkota@gmail.com	
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	
6	Dr. V. Anil Kumar	Assistant Professor	Nominee from Alumni	Mobile: 85007 27346 E-Mail: anil.vuppala@iiit.ac.in	V. Anil Kumar
7	Dr. K. Srinivasa Ravi	Professor	Member (Internal Subject Expert)	Mobile: 9492488055 E-Mail: sreenivasaravik@gmail.com	K. S. Ravi
8	Dr. K. Raju	Associate Professor	Member (Internal Subject Expert)	Mobile: 9493451237 E-Mail: raju.kolluri@gmail.com	
9	Dr. A.V. Nageswara Rao	Associate Professor	Member (Internal Subject Expert)	Mobile: 9440664462 E-Mail: avnr424@gmail.com	

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

V. Venkata Rao

Chairman, BOS
(Dr. V. Venkata Rao)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

24th December, 2020

5th BOARD OF STUDIES (BOS) MEETING ON 26-12-2020

AGENDA

1. Welcome by the Chairman
2. Discussion on B.Tech. (Electronics and Communication Engineering) R20-Course Structure
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 departments
5. General suggestions by members
6. Any other information with the permission of the Chairman
7. Vote of thanks

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

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26th 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. Venkata Rao
2	Dr. N. Balaji	Professor	JNTUK University Nominee	Mobile No.: 9848115663 E-Mail: narayanamb@rediffmail.com	
3	Dr. K.Venkata Ramanaiah	Professor	Subject Expert	Mobile No.: 9849245750 E-Mail: ramanaiahkota@gmail.com	
4	Dr. K. Naga Srinivasa Rao Batta	Assistant Professor	Subject Expert	Mobile: 9800296596 E-Mail: srinu.bkn@nitw.ac.in	B.K.N. Srinivas
5	Mr. T. Seetha Ram Kumar	Sub Divisional Engineer	Nominee from Industry	Mobile: 9490107111 E-Mail: rahulanish2007@gmail.com	
6	Dr. V. Anil Kumar	Associate Professor	Nominee from Alumni	Mobile: 85007 27346 E-Mail: anil.vuppala@iiit.ac.in	V Anil Kumar
7	Dr. K. Srinivasa Ravi	Professor	Member (Internal Subject Expert)	Mobile: 9492488055 E-Mail: sreenivasaravik@gmail.com	K. S. Ravi
8	Dr. K. Raju	Professor	Member (Internal Subject Expert)	Mobile: 9493451237 E-Mail: raju.kolluri@gmail.com	
9	Dr. B. Raghavaiah	Professor	Member (Internal Subject Expert)	Mobile: 9247217357 E-Mail: raghavaece39@gm	

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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	
12	Mr. P.S.S. Chakravarthy	Professor	Member (Internal Subject Expert)	Mobile: 9440943215 E-Mail: chakri.pss@gmail.com	

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

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26th December, 2020

Minutes of the 5th Board of Studies (BoS) Meeting for R20 Course Structure and Syllabus held on 26th 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

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	Dr. K. Srinivasa Ravi, Professor, Department of ECE, Narasaraopeta Engineering College	Member (Internal Subject Expert)

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	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.
3. 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.

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6. Computer Science Engineering department can be requested to offer Computer Organization subject in their Open Elective.
7. 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.

ITEM No. 2

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 R20 Syllabus. The following suggestions/amendments/recommendations are given by the members of the board.

1. 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.
5. 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 one Unit, Unit-V can be split into two Units as Transmission Lines - I and II.

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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.

1. 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)

(Dr. K. Venkata Ramanaiah)

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(Mr. T. Seetha Ram Kumar)

(Dr. V. Anil Kumar)

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(Dr. K. Naga Srinivasa Rao Batta)

(Dr. K. Srinivasa Ravi)

(Dr. K. Raju)

(Dr. A.V. Nageswara Rao)

(Dr. B. Raghavaiah)

(Mr. J. V. K. Ratnam)

(Mr. P. S. S. Chakravarthy)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

25th February, 2021

6th 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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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

26th 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	
2	Dr. N. Balaji	Professor	JNTUK University Nominee	Mobile No.: 9848115663 E-Mail: narayanamb@rediffmail.com	
3	Dr. K.Venkata Ramanaiah	Professor	Subject Expert	Mobile No.: 9849245750 E-Mail: ramanaiahkota@gmail.com	
4	Dr. K. Naga Srinivasa Rao Batta	Assistant Professor	Subject Expert	Mobile: 9800296596 E-Mail: srinu.bkn@nitw.ac.in	
5	Mr. T. Seetha Ram Kumar	Sub Divisional Engineer	Nominee from Industry	Mobile: 9490107111 E-Mail: rahulanish2007@gmail.com	
6	Dr. V. Anil Kumar	Associate Professor	Nominee from Alumni	Mobile: 85007 27346 E-Mail: anil.vuppala@iiit.ac.in	
7	Dr. K. Srinivasa Ravi	Professor	Member (Internal Subject Expert)	Mobile: 9492488055 E-Mail: sreenivasaravik@gmail.com	
8	Dr. K. Raju	Professor	Member (Internal Subject Expert)	Mobile: 9493451237 E-Mail: raju.kolluri@gmail.com	
9	Dr. B. Raghavaiah	Professor	Member (Internal Subject Expert)	Mobile: 9247[illegible] E-Mail: raghavaece39@gmail.com	

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10	Dr. Amit Gupta	Professor	Member (Internal Subject Expert)	Mobile: 9785741277 E-Mail: dramitguptacv@gmail.com	
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 Expert)	Mobile: 8639294551 E-Mail: bajid.vali@gmail.com	
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	
15	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

26th February, 2021

Minutes of the 6th Board of Studies (BoS) Meeting for R19 Course Structure and Syllabus held on 26th 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	Dr. K. Srinivasa Ravi, Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Another Subject Expert)

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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/recommendations are given by the members of the board.

1. In III B.Tech, I Semester, Computer Organization and Microprocessors

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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

1. Experiments beyond syllabus can be included in all the Laboratories.

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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. Naga Srinivasa Rao Batta)

(Dr. K. Srinivasa Ravi)

(Dr. K. Raju)

(Dr. B. Raghavaiah)

(Dr. Amit Gupta)

(Dr. A.V. Nageswara Rao)

(Dr. Sk. Bajid Vali)

(Dr. R. Sambasiva Nayak)

(Mr. V. V. K. Ratnam)

(Mr. B. S. S. Chakravarthy)

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R16 Regulations:

I BOS: 22/6/2016 – 1st year B. Tech. (1st & 2nd 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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R16 - IST BOS MEETING 2/11/16

Resolutions Made:

* All ~~department~~ Professional Ethics of I B.Tech I sem is moved to II B.Tech II sem as an audit course.
* MFCS syllabus has to be reduced.
* Java Programming ~~title~~ should be changed to "OOPS Through Java".
* Application Development technologies in III/I is renamed as "Front-end web Technologies", as is corresponding lab
* Cyber Security (III/II) is replaced with "Cryptography & network security". Cyber security is moved to Open elective-I
* Advanced Java with frame works & server-side web Programming is renamed as "Advanced Java & web Technologies". as is Corresponding lab.
* Business Analytics (III/I) is renamed as "Big Data Analytics". Hadoop & Big data, Cryptography & Network security should be removed from Professional elective-III.
* Advanced web Application Development (IV/I - PE-V) is renamed as "Ruby Programming".

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Contd...

finalized.

For all subjects syllabus should be ~~finalized~~

All the faculty members of the department are supposed to attend the BOS meeting, if possible.

For every subject - almost two text-books should be prescribed. There may be more text books for reference.

B.Tech Course structure is approved.
B.Tech subjects, Syllabi are approved.
M.Tech Course structure & Syllabi are approved.

Signature

1) Dr. S. N. Tirumala Rao, Chairman BOS — S.T.R.
2) Dr. E. V. Prasad, Director, LBRCE, Member-BOS — EVP
3) Dr. M. H. M Krishna Prasad, Prof, JNTUK, University Nominee — MHM
4) Dr. Ch. Rupa, Prof, VR Siddartha Engg. College, Alumni Member — CR

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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.

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HOD CSE
13/5/2017

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

II BOS: 13/5/2017 – 2nd year B. Tech. & 3rd Year B. Tech. (1st & 2nd 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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The following are the members of BOS meeting of CSE department held on 13/5/2017 at Narasaraopeta Engineering College.

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
15	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

1. 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
2. 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.,
    - NPTEL course library (Ref.no)
    - Popular Websites like https://www.analyticsvidhya.com/ in case of Data Analytics, and https://www.tutorialspoint.com/java/index.htm for java programming
5. Advised to upload the complete course syllabus in the college website.

Other discussions:

1. 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.

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Members Attended

S.No	Names	Signature
1	Dr.S.N.Tirumala Rao, Chairman, BOS	S. Tirum
2	Dr.M.H.M.Krishna Prasad, Professor, UCEK,JNTUK Kakinada, JNTUK Nominee.	13/5/2017
3	Dr. Ch. Rupa. Professor, V. R.Siddartha Engineering College, Member, Alumni Representative	13.5.17
4	N. Venkatesh, Asst.Professor, UCEV, Viayanagaram, Special Invitee	13/5/17
5	Dr.B.Jhansi Vazram, Professor Member	13/5/2017
6	Dr.S.Sagar Imambi, Professor Member	13/5/17
7	Mrs.G.L.N.Jayapradha, Assoc Professor Member	13/05/17
8	T.Surekha, Assoc Professor Member	Rekha /13/5/17
9	Mr.K.Lakshmi Nadh, Assoc Professor Member	13/5/17
10	Mr.S.Siva Nageswara Rao, Assoc Professor Member	13/5/17
11	Mrs.M.Sireesha, Assoc Professor Member	13/5/17

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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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 model curriculum
12. Vote of thanks

S. Tiru

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

Note: BoS advised to review the COs of the subjects.

Copy to:
1) Principal for information
2) Members of BoS

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

III BOS: 20/4/2018 – 4th year B. Tech. (1st & 2nd 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

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
1	Dr.S.N.Tirumala Rao	Professor & Head	Chairman	Data Mining and Parallel Processing	
2	Dr.B.Jhansi Vazram	Professor	Member	Network Security	
3	Dr.K.Lakshmi Nadh	Assoc.Professor	Member	Computer Networks	
4	Dr.S.Siva Nageswara Rao	Assoc.Professor	Member	Mobile Computing	
5	Mrs.G.L.N.Jayaprada	Assoc.Professor	Member	Bioinformatics	
6	Mr. Om Prakash Samantray	Assoc.Professor	Member	Information Security & Data Mining	
7	Mrs. M. .Sireesha	Assoc. Professor	Member	Data Mining	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dt. 20/04/2018

The following members have attended Board of Studies (BOS) meeting of CSE Department 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	
2	Dr.B.Jhansi Vazram	Professor	Member	Network Security	
3	Mrs.G.L.N.Jayapradha	Assoc.Professor	Member	Bioinformatics	
4	K.Lakshmi Nadh	Assoc.Professor	Member	Computer Networks	
5	S.Siva Nageswara Rao	Assoc.Professor	Member	Mobile Computing	
6	Mr. Om Prakash Samantray	Assoc.Professor	Member	Information Security & Data Mining	
7	Mrs.M.Sireesha	Assoc.Professor	Member	Data Mining	
8	K. Hazarathiah	Assoc.Professor	Member	Computer Networks	
9	O . Gandhi	Asst.Professor	Member	Data Mining	
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	
11	Mr.V. Santosh Kumar T	Software Development Engineer – III, Flipkart Internet Private Ltd., Bengaluru.	Member Industry Representative	Big Data	
12	Dr. Ch. Rupa	Professor , V. R.Siddarda Engineering College, Vijayawada	Member Alumni Representative	Information Security	

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Chairman - BOS

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Jhansi Bolla <jhansi.bolla@gmail.com>

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

Prof MHM Krishna Prasad <hazarath.munaga@gmail.com> Tue, Apr 24, 2018 at 8:20 PM
Reply-To: krishnaprasad.mhm@gmail.com
To: "Dr. Jhansi Vazram Bolla" <jhansi.bolla@gmail.com>

PFA...

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M.Tech, FellowShip (U. of Udine, Italy), Ph.D.,
Professor in CSE & *Coordinator - TEQIP-II*
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Dt. 20/4/2018

Minutes of the 3rd 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).

PROFESSOR & HEAD
Dept. of Computer Science & Engineering
NARASARAOPET ENGINEERING COLLEGE
NARASARAOPET (DT.), A.P

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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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.
4. 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).
6. 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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Chairman BOS &
Head, Dept. of CSE

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

R19 Regulations:

I BOS: 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

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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: 25/05/2019

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

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Chairman - BOS
CHAIRMAN
BoS - CSE Dept.
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E – mail: nrtec_cs@yahoo.com Website: http://www.nrtenggcollege.com

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 25/07/2019

Minutes of the Board of Studies (BOS) meeting

1. With slight modifications the B. Tech course structure is approved by all the BOS members.
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.

Principal
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(Dr O. SRINIVASA RAO)

Dr S. N. TIRUMALA RAO

M. Sneha

T. V. Santosh Kumar

(Dr M. Venkata Reddy)

(Dr B. J. V.)

NARASARAOPETA ENGINEERING COLLEGE
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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

The following BOS members have attended the meeting held on 25/7/2019 in CSE Department at Narasaraopeta Engineering College.

S.NO	NAME	Designation	Address	Contact Number	Remarks	Signature
1	Dr S.N.Tirumala Rao	Professor& HOD	Dept. CSE, NEC	9885271324, nagatirumalarao@gmail.com	Chairman	
2	Dr O. Srinivasa Rao	Associate Professor	Dept. CSE, JNTUK,	9441951718 osr_phd@yahoo.com	JNTUK Nominee	
3	Dr R.B.V.Subramanyam	Professor	Dept. of CSE, NIT,Warangal	9490164984 94913 46969 rbvs66@gmail.com	Subject Expert	
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 Engineering 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	
7	Dr. B. Jhansi Vazram	Professor	Dept. CSE, NEC	9908888519 Jhansi.bolla@gmail.com	Member	
8	Dr.S.V.N.Srinivasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	
9	Dr. K.Lakshmi Nadh	Associate Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	
10	Dr S.Sivanageswara Rao	Associate Professor	Dept. CSE, NEC	8977987777 drssnr@yahoo.co.in	Member	
11	Dr M.Venkata Reddy	Associate Professor	Dept. CSE, NEC	9703223757 venkat.medikonda@gmail.com	Member	
12	Mrs.G.L.N.Jayapradha	Associate Professor	Dept. CSE, NEC	9848891421 njayaprada@yahoo.co.in	Member	
13	Mrs.M.Sireesha	Associate Professor	Dept. CSE, NEC	9492468445 moturisireesha@gmail.com	Member	

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Chairman, BOS

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

II BOS: 10/2/2021 - 2nd year – 4th 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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DEPARTMENT OF COMPUTER SC IENCE AND ENGINEERING

2nd 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.
5. 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, HCI as Inter-Networking with TCP/IP, respectively .
12. in PE-6, Block Chain Technologies is replaced by SPM.

10/2/21

Chairman - Board of Studies

CHAIRMAN
BoS - CSE Dept.
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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 – 2nd Board of Studies (BOS) (5th 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	
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	
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	
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	
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	
8	Dr. M.Venkata Reddy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat.medikonda@gmail.com	Member	
9	G.L.N.Jayaprada	Asso.Prof	Dept. CSE, NEC	9848891421, gjayaprada74@gmail.com	Member	
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	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	9440065256 vallikumari@gmail.com	Subject Expert	

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14	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College Vijayawada	9848690640, rupamtech@gmail.com	Alumni Representative	
15	V Santhosh Kumar Tangudu	Software Development Engineer – III	***Flipkart Internet Private Ltd. Banglore***	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	

HoD & Chairman, BOS – CSE

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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 – 2nd Board of Studies (BOS) (5th 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	
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	
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	
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	

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6	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member	T.V.S.Krishna
7	Dr. S. Sivanageswara Rao	Asso.Prof	Dept. CSE, NEC	8977987777, drssnr@yahoo.co.in	Member	
8	Dr. M.Venkata Reddy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat.medikonda@gmail.com	Member	
9	G.L.N.Jayaprada	Asso.Prof	Dept. CSE, NEC	9848891421, gjayaprada74@gmail.com	Member	
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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	
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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HoD & Chairman, BOS – CSE

NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

BOS CONDUCTED DATES

R20 Regulations:

I BOS: 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
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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 I B. Tech. -I Sem to I B. Tech. – II Sem
3. Numerical methods with python replaced with Numerical methods and Statistics
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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HOD – CSE

&

Chairman – BOS

CHAIRMAN
BoS - CSE Dept.
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NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt. 20/2/2021

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.
4. R20 – I B. Tech. (CSE) – I and II Sem – Syllabus.

HOD – CSE
&
Chairman – BOS

CHAIRMAN
BoS - CSE Dept.
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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) – 1st Board of Studies (BOS) (4th 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	
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	
3	Dr. G. Syam Prasad	Professor	Dept. CSE, NEC	9989834447, syamprasad.gudapati@gmail.com	Member	18/12/2020
4	Dr.S.V.N.Srini Vasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	

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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	
9	Dr. M.Venkata Reddy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat.medikonda@gmail.com	Member	
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14	Dr.V.Valli Kumari	Professor	Dept of CS & SE Andhra University Visakhapatnam	9440065256 vallikumari@gmail.com	Subject Expert	
15	Dr. Ch.Rupa	Professor	VR Sidhrdha Engineering College Vijayawada	9848690640, rupamtech@gmail.com	Alumni Representative	
16	T.V .Santhosh Kumar	Software Development Engineer – III	*Flipkart Internet Private Ltd. Banglore*	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	

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HoD & Chairman, BOS – CSE

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	
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10	G.L.N.Jayaprada	Asso.Prof	Dept. CSE, NEC	9848891421, gjayaprada74@gmail.com	Member	
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12	Dr. O. Srinivasa Rao	Professor	Dept. CSE, JNTUK,	9441951718, osr_phd@yahoo.com	JNTUK Nominee	
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NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
(Autonomous)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

II BOS: 4/10/2021 - 2nd year – 4th year B. Tech. (1st & 2nd 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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NARASARAOPETA ENGINEERISNG COLLEGE :: NARASARAOPET
DEPARTMENT OF COMPUTER SC IENCE AND ENGINEERING

2nd 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.
5. 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, HCI as Inter-Networking with TCP/IP, respectively .
12. in PE-6, Block Chain Technologies is replaced by SPM.

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10/2/21

Chairman - Board of Studies

CHAIRMAN
BoS - CSE Dept.
NARASARAOPETA ENGINEERING COLLEGE
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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 – 2nd Board of Studies (BOS) (5th 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	
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	
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	
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	
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	
8	Dr. M.Venkata Reddy	Asso.Prof	Dept. CSE, NEC	9703223757, venkat.medikonda@gmail.com	Member	
9	G.L.N.Jayaprada	Asso.Prof	Dept. CSE, NEC	9848891421, gjayaprada74@gmail.com	Member	
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	JNTUK Nominee	
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15	V Santhosh Kumar Tangudu	Software Development Engineer – III	***Flipkart Internet Private Ltd. Banglore***	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	

HoD & Chairman, BOS – CSE

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NARASARAOPETA ENGINEERISNG COLLEGE: NARASARAOPET
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DEPARTMENT OF INFORMATION TECHNOLOGY

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

Date: 15-02-2021

R20 – IT – 1st 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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DEPARTMENT OF INFORMATION TECHNOLOGY

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

Date: 6-10-2021

R20 – IT – 2nd 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

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(AUTONOMOUS)
DEPARTMENT OF CSE (AI)
BOS MEETING HELD ON 21-10-2021 FOR R20 CSE(AI) CURRICULUM

Date:22-10-2021

R20 – CSE (AI) – 2nd 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 1st Board of studies Meeting held on 22nd 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	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 I[ST] 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
3. Dr. S.V. Ramana Rao
4. 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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Members present for the BOS Meeting of MBA Dept. held on 04-06-2017

S. No	Name	Designation	Institution	Contact No	Mail Id	Signature
1	Dr. M. S. Narayana	Chairman	NEC	9441128754	dr.srinivasanarayana@gmail.com	
2	Dr. P. Vijay Kumar	Member	JNTUK Nominee	9618845555	padishalavk@yahoo.co.in	
3	Dr. S. V. Ramanarao	Member	Sivasivani B-School	9959110061	ramanarao@ssim.ac.in	
4	Dr. A. Adiseshareddy	Member	LBRCE Mylavaram	9948038954	asrappidi@gmail.com	
5	Sri M. Balakrishna Rao	Member	Industry Rep	9848132095	maturiplastics@yahoo.com	
6	N. Uma Maheswara Rao	Member	Alumini Rep	9985410326	uma888@gmail.com	
7	Dr. S. Venkata Ramana	Member	NEC	9494413410	dr.venkataramana1@gmail.com	S. Venkata Ramana
8	I. Sridhar	Member	NEC	9704896652	sridhartpc@gmail.com	
9	T. Mallikarjuna Rao	Member	NEC	9866271536	tmallimba@gmail.com	
10	P. Pattabhiram	Member	NEC	8897373488	pattabhiramp@gmail.com	P. Pattabhiram
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12	KVB. Ganesh	Member	NEC	8121535855	kvbganesh@gmil.com	

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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 -
2. Dr. P. Vijay Kumar -
3. Dr. S. V. Ramanarao -
4. Dr. A. Adiseshareddy -
5. Sri M. Balakrishna Rao -
6. N. Uma Maheswara Rao -
7. Dr. S. Venkata Ramana -
8. I. Sridhar -
9. T. Mallikarjuna Rao -
10. P. Pattabhiram -
11. P. Venkaiah Babu -
12. KVB. Ganesh -

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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 -
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. Venkata Ramana 20/7/19
		(Nominee of JNTUK, Kakinada)		
2	Dr. Nagaraju Battu	Professor, Department of HRM, Acharyna Nagarjuna University, Guntur.Ph:9440022859. battunraju@yahoo.co.in	Member JNUTK Nominee	
		(Experts from outside College, nominated by CAC)		
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	
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	
		(Industry Expert nominated by CAC)		
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	
		(Student Alumni nominated by CAC)		
6	N. Umamaheswra Rao	Deputy Manager, Dolphin Hotels Pvt Ltd, Ramoji Film City, Hyderabad-501512.Ph: 9160071452. uma888mba@gmail.com	Member Alumini	
		Faculty members of the department different categories		
7	Dr. Y. Siva Reddy	Assoc.Professor, MBA, NEC.	Member	Y. Siva Reddy
8	I. Sridhar	Assoc.Professor, MBA, NEC.	Member	I. Sridhar
9	T. Mallikarjuna Rao	Assoc.Professor, MBA, NEC.	Member	20/7/19
10	P. Pattabhi Ram	Assoc.Professor, MBA, NEC.	Member	P. Pattabhi Ram 20/7/19
11	S. Sivasankara Rao	Assoc.Professor, MBA, NEC.	Member	20/7/19

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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 - S. Venkata Ramana 20/7/19
2. Dr. Nagaraju Battu - B. Nagaraju
3. Prof. D. Suryachandra Rao -
4. Prof. M. Kishore Babu -
5. M. Balakrishna Rao -
6. N. Umamaheswra Rao -
7. Dr. Y. Siva Reddy - Y. Siva Reddy
8. I. Sridhar - I. Sridhar
9. T. Mallikarjuna Rao - 20/7/19
10. P. Pattabhi Ram - 20/7/19.
11. S. Sivasankara Rao - 20-7-19.

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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
1	Dr. S. Venkata Ramana	HOD, Dept of MBA, NEC.	Chairman	
		(Nominee of JNTUK, Kakinada)		
2	Dr. Nagaraju Battu	Assoc.Professor, HOD, Department of HRM, Acharya Nagarjuna University, Guntur.Ph:9440022859. battunraju@yahoo.co.in	Member JNUTK Nominee	
		(Experts from outside College, nominated by CAC)		
3	Prof. D. Suryachandra Rao	Department of Commerce and Management Studies, Krishna University, Machilipatnam. Ph:9440149149, profdsrao@gmail.com	Member Nominee of Academic Council	
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	
		(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	
		(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	
		Faculty members of the department different categories		
7	Dr. Y. Siva Reddy	Assoc.Professor, MBA, NEC.	Member	
8	Dr. P. Pattabhi Ram	Assoc.Professor, MBA, NEC.	Member	
9	Dr. S. Sivasankara Rao	Assoc.Professor, MBA, NEC.	Member	
10	I. Sridhar	Assoc.Professor, MBA, NEC.	Member	

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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.

HOD MCA

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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

Chairman

BOS, MCA

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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	simamba@gmail.com 9000443147	
2	V.Mahesh Babu	Professor	Member	9440183225	
3	Mrs. A.V.S. Ratna Kumari	Associate Professor	Member	avsratna2015@gmail.com 8008184284	
4	Mr. S.Srinivasa Rao	Associate Professor	Member	seenusami@gmail.com 7659966804	
5	Mrs. M. Suhasini	Assocoate Professor	Member		
6	Dr. A.P. Siva Kumar	Asst. Prof., JNTUCE, JNTUA, Anantapur	Member Nominee of Academic Council (External Subject Expert)	94413 95859 7382720319 sivakumar.ap@gmail.com	
7	Dr. K.Subramanyam	Professor, Department of CSE, KL University, Vijayawada.	Member Nominee of Academic Council (External Subject Expert)	9908736960 smkodukula@kluniversity.in	
8	Mr. K.V.N. Chandra Sekhar	Sr. Softwate Engineer, Accenture Services Pvt., Ltd., Hyderabad	Industry Member	9966317119 Chandra.kalangi@gmail.com	
9	Mr. R. Narendra Kumar,	Sr. Software Engineer, Kvana Cybertech Pvt. Ltd.,	Alumni	9533998212 Narendra.kvana@gmail.com	
10	Dr. Haritha	Asso. Prof., JNTUCE, JNTUK, Kakinada.	University Nominee	9440810901 harithaphd1@gmail.com	

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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
Resolution 2	**Audit Courses (Non- Credit Mandatory Courses) such as Professional ethics, verbal & quantitative skills were introduced**

(AVS. Ratna Kumari) (Dr. K. Subrahmanyam) (Dr. A. P. Siva Kumar) (Dr. D. Hanilha)

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(S. Sreenivasa Rao) (R. Narendra) (CR. Narendra Kumar)

(Ch. V.N. Chandra Sekhar) (V. Mahesh Babu)

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 work ..etc in the curriculum at the appropriate levels.**

(Dr. K. Subrahmanyam)

(Dr. A. V. Sivakumar)

R. Narendra

(R. Narendra Kumar)

(K. V. N. Chandra Sekhar)

AVS. Kumari

(AVS. Ratna Kumari)

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(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.

AGENDA

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

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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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Narasaraopeta Engineering College,
Dept. of MCA, BOS 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	
2	V.Mahesh Babu	Professor	Member	Sofrware Engineering	
3	Mrs. A.V.S. Ratna Kumari	Associate Professor	Member	DataBases	
4	Mr. S.Srinivasa Rao	Associate Professor	Member	Data warehousing	
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	24/05/17
7	Dr. K.Subramanyam	Professor, Department of CSE, KL University, Vijayawada.	Member Nominee of Academic Council (External Subject Expert)	Software Engineering	24/5/17
8	Mr. K.V.N. Chandra Sekhar	Sr. Softwate Engineer, Accenture Services Pvt., Ltd., Hyderabad	Industry Member	ERP	
9	Mr. R. Narendra Kumar,	Sr. Software Engineer, Kvana Cybertech Pvt. Ltd.,	Alumni	Mobile Apps Development	R. Narendra
10	Dr. D.Haritha	Asso. Prof., JNTUCE, JNTUK, Kakinada.	University Nominee	Image Processing	24/5/17

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DEPARTMENT OF MCA

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

Action taken report on the minutes of earlier meeting:

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.	The following amendments were added in academic regulations: 1. This course with no credits, no external examination. 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.
		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 7th edition text book.	Implemented
4	Members modified course outcomes in web technologies lab.	Implemented
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.	Implemented
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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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

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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HOD-MCA

Principal
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NEC
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23rd July, 2019.

Minutes of the Board of studies Meeting held on July 23rd , 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	
2	**Dr. D.Haritha** Professor, JNTUCE, JNTUK, Kakinada	Member (University Nominee) (JNTUK)	
3	**Dr. S.Sagar Imambi,** Professor, Dept of CSE, KL University, Vijayawada.	Member	
4	**K.V.N.Chandra Sekhar ,** Team Lead, Accenture Services Pvt Ltd. Hyderabad.	Industry Member	
5*	**K.Sambireddy,** Senior Software engineer, **Link Intime India Pvt Ltd.**	Alumni	
6	**Sri.V.Mahesh Babu** Professor, Dept of MCA NEC.	Member	
7	**Sri.M.Mamatha,** Associate Professor, Dept of MCA. NEC.	Member	

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(AUTONOMOUS)

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 6th 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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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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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.com 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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NEC NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

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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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Date: 30-12-2020

List of BOS Members

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)	
4.	K.V.N. Chandra Sekhar	Sr. Softwate Engineer	Accenture Services Pvt., Ltd., Hyderabad	Industry Member	(K.V.N. Chandra Sekhar)
5.	Mr. K.Sambi Reddy	Sr. Softwate Engineer	Link in time India Private Limited, Mumbai	Member (Alumni)	K. Sambi Reddy
6.	V. Mahesh Babu	Professor and Controller of Examinations	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert)	
7.	M. Mamatha	Associate Professor	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert)	
8.	G. Sambasiva Rao	Assistant Professor	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert)	
9.	M. Aparna	Assistant Professor	Narasaraopeta Engineering college, Narasaraopet	Member (Internal Subject Expert)	

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Minutes Of the meeting

The Board of Studies meeting for English is conducted on 22nd 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	SIGNATURE
1	Dr. K. Ponnari Lakshmi Prof & Head of the Dept, NEC, Narasaraopet	
2	Dr. G. Suvarna Lakshmi Associate Prof, JNTUK University College of Engineering, Vizayanagaram	22.06.16
3	Dr. K. Rama Chandra Prof & Head of the Dept, V.R.Siddhartha College of Engineering, Vijayawada	22/06/16
4	Dr. E. Dileep. Asst. Prof, Head of the Dept, Dravidian University, Kuppam	22-6-16
5	Md. Abdulla. Asst Professor, NEC	22.6.16
6	Z. Mohana Rao, Asst Professor, NEC	22/6/16
7	Sk. Sabiya Asst Professor, NEC	

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RESOLUTIONS

The board of studies meeting of chemistry department took place at Incubation centre block on 22nd 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:	Mrs. G.M. Janeefa
Member 2:	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	Dr.Jetti Srinivasa Rao	Chairman	
2	Dr.S. Satyaveni	University nominee	
3	Dr.R. Ramesh Raju	Member of nominee 1	
4	Dr.Ch. Chakrapani	Member of nominee 2	22/6/2016
5	Mrs. G.M. Janeefa	Member 1	
6	Mr. K. Srinivasulu	Member 2	
7	Mr. G. Nagaraju	Member 3	

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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 22nd 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.

   i) Engineering Mathematics – CIVIL, EEE, ME, ECE, CSE (Appendix-I)

   ii) Mathematical Methods – CIVIL, EEE, ME, ECE, CSE (Appendix-II)

   iii) Integral Transforms and Vector Calculus (AppendixIII)

2. In the Post Graduate MCA course first year

   i) Probability and Statistics – MCA (Appendix-IV)

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ii) Optimization Techniques - 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

i) Quantitative Aptitude and Reasoning-I (Appendix-VII)

ii) Quantitative Aptitude and Reasoning-II (Appendix-VIII)

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

i) Advanced Mathematics (Appendix-IX)

6. In the Post Graduate M.Tech (Mechanical) first year

i) Advanced Optimization Techniques (Thermal) (Appendix-X)

ii) Computational Methods in Engineering (Design) (Appendix-XI)

iii) Advanced Optimization Techniques (Design) (Elective-III) (Appendix-XII)

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

(Dr AVSR Seeksheelam)

Dr. Ch. Baby Rani

Sch. Sahyanarayana 22/6/2016

M. Prasad 22/6/16

Sk Mohiddin Shaw 22/6/16

16/6/16

(Dr. G. Dharmaiah)

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BOARD OF STUDIES IN MATHEMATICS

ATTENDANCE SHEET

S.No	Name	Category	Designation	E-Mail id & Mobile No	Signature
1	Dr. S.Venkateswarlu	Professor and Head of the Department	Chairman	svenkateswarlu04@yahoo.co.in 9491945995	
2	Dr. G.V.S.R. Deekshitulu	Professor & Head Department of Mathematics JNTUK University College of Engg., Kakinada	University Nominee	dixitgvsr@gmail.com 9849214404	
3	Dr. Ch. 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	
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	22/6/2016
5	Dr.Sk Mohiddin Shaw	Professor	Member	mohiddin_shaw26@yahoo.co.in 9247203211	22/6/16
6	Dr. G Dharmaiah	Assoc. Professor	Member	10072014nec@gmail.com 7842705109	22/6/2016
7	Mr. M Prasad	Asst Professor	Member	prasadmanchikanti2012@gmail.com 9885466378	22/6/16

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DEPARTMENT OF MATHEMATICS

Minutes of meeting

The Board of Studies of Mathematics, Narasaraopeta Engineering College(Autonomous), Narasaraopet met in the Department of Mathematics on 29th 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

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

ATTENDANCE SHEET(29.05.2017)

S.No	Name	Category	Designation	E-Mail id & Mobile No	Signature
1	Dr Sk Mohiddin Shaw	Professor and Head of the Department	Chairman	mohiddin_shaw@yahoo.co.in 9247203211	
2	Dr G V S R Deekshitulu	Professor & Head Department of Mathematics JNTUK University College of Engg., Kakinada	University Nominee	dvsrdgv@gmail.com 9849214404	
3	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	29/5/2017
4	Dr Ch 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	
5	Dr G Dharmaiah	Assoc. Professor	Member	1007201dmcc@gmail.com 7842705109	29/5/17

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Members Present

Date: 20-7-19

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 the six 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

S.No.	Name	Designation	Signature
1	Dr.K. Ponnari Lakshmi	Chairperson	20/7/19
2.	Dr. Madhavi Reddy Kesari	University Nominee	20/07/19
3.	Prof.A. Sharada	Member	20/7/19
4.	Prof.E.Dileep	Member	20/7/19
5	Z.Mohana Rao	Member	20/7/19
6.	V.Aruna	Member	20/7/19

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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.
    1. **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):**
        I. 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.
        II. 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 (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)
7. Quantitative Analysis for Business Decisions (I.M.B.A., I Semester)
8. Advanced Engineering Mathematics (I.M.Tech.(civil structural), I Semester)

S.No.	Name	Designation	Signature
1	Dr. Shaik Mohiddin Shaw	Chairman	
2	Dr. K. Sobhan Babu	University Nominee	
3	Prof.Dr.Bhavanari Satyanarayana	Member	
4	Dr. Phani Kumar	Member	
5	Dr. G. Dharmaiah	Member	
6	Dr. R. Durga Prasad	Member	

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BOARD OF STUDIES (BOS) MEETING OF MATHEMATICS Date: 11th 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 11th 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.

1. Numerical Methods and Complex Variables (Common to Civil, EEE and ME branches of II B.Tech., I Semester)
2. Numerical Methods and Transformations (II B.Tech., I Semester ECE)

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3. Mathematical Foundations for Computer Sciences
(II B.Tech., I Semester CSE & IT)
4. Quantitative Aptittude and Reasoning-I (Common to all II B.Tech., I Semester)
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	
2	Dr. K. Sobhan Babu	University Nominee	
3	Dr. Phani Kumar	Member	
4	Dr. G. Dharmaiah	Member	
5	Dr. R. Durga Prasad	Member	

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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.

1. A common syllabus for all branches has been formulated to fulfill the norms proposed by AICTE.
2. 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	
2.	Dr. Y. Ramakrishna	University Nominee	
3.	Dr. K. Surendranath	Member of Nominee 1	
4.	Dr. Sk. Mahamuda	Member of Nominee2	
5.	Dr. K. Neeraja	Member1	
6.	Dr. K. Ephraim Babu	Member2	

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RESOLUTIONS

The board of studies meeting of Chemistry Department took place at training and placement cell on 18th July 2019 held at 12:00PM. 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-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 1st 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.	Name	Position	Signature
1	Dr. Jetti Srinivasa Rao	Chairman	
2	Dr. S. Satyaveni	University Nominee	
3	Dr. M.L.N. Achari	Member of Nominee-1	
4	Dr. Ch. Ramakrishna	Member of Nominee-2	
5	Mr. G. Nagaraju	Member-1	
6	Mr. N. Dinesh	Member-2	N. Dinesh

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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.

3. **Group Discussion :**
   Incorporation of group strategies to face the unknown situations in the "New Normal" of post-COVID situation trough ecclesiastical 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	18/12/2020
2.	Dr. Madhavi Reddy Kesari	University Nominee	18/12/2020
3.	Prof.A. Sharada	Member	
4.	Prof.E.Dileep	Member	18/12/2020
5	Z.Mohana Rao	Member	18/12/2020
6.	V.Aruna	Member	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):**
   I. Title of the Unit-III was changed as probability and random variable included the topics: Probability, Conditional Probability, Baye's theorem in this unit.
   II. Title of the Unit-IV was changed as Sampling Distribution.

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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.No.	Name	Designation	Signature
1	Dr. Shaik Mohiddin Shaw	Chairman	
2	Dr. K. Sobhan Babu	University Nominee	
3	Prof.Dr.Bhavanari Satyanarayana	Member	
4	Dr. Phani Kumar	Member	
5	Dr. G. Dharmaiah	Member	
6	Dr. R. Durga Prasad	Member	

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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

Agenda

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	Name	Category	Designation	E-Mail id & Mobile No	Signature
1.	Dr. T. Anjaneyulu	Professor	Chairman	dranjaneyulut@gmail.com 9160606045	
2.	Dr. Y. Ramakrishna	Professor	University Nominee	rkyajjala@gmai.com 9849856906	
3.	Dr. K. Surendranath	Professor	Member Nominee of Academic council (External Subject Expert)	kandepu.surendranath@gmail .com 9849000895	
4.	Dr. Sk. Mahamuda	Associate Professor	Member Nominee of Academic council (External Subject Expert)	mahamuda.ss@gmail.com 9908452265	
5.	Dr. K. Neeraja	Associate Professor	Member	neerajakatta7@gmail.com 9441619226	

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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 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-1	:	Dr. PNVVL Pramila Rani

AGENDA

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 BOS committee in R-19 regulations.

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

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

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

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