

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.

K.S.A. 26/12/2020

Sowjanya

Prasanna

G. Vandini D.

T. V. S. Varalakshmi

G. Babu Reddy

K. V. Prasad


IQAC

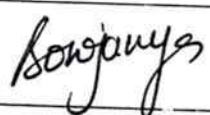

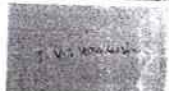
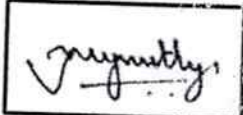
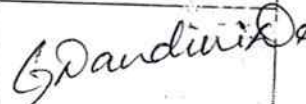



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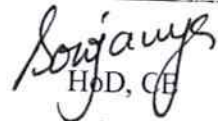
NARASARAOPETA ENGINEERING COLLEGE :: AUTONOMOUS ::
NARASARAOPET
DEPARTMENT OF CIVIL ENGINEERING

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	
2	Dr.K.V.S.G Murali Krishna	PRINCIPAL Dept. of CIVL ENGG, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Environmenta l Engineering	
3	Dr.T.V.S Vara Lakshmi	Asst. Professor, HOD,CED ANU, Guntur	Member Nominee of CAC	Structural Engineering	
4	Dr. J.V. GURUMURTHY	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	
6	K.Kalyan Chakravathi	Post Graduate	Alumni Member	Structural Engineering	
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	
10	K V Pratap	Asst. Prof	Member	Structural Engineering	


HOD, CE

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 APSCH and also suggested to include Universal Human Values course as per AICTE.

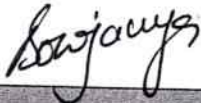
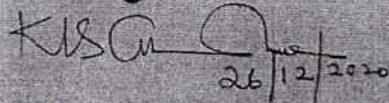
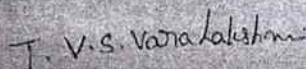
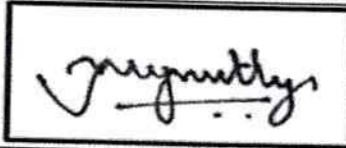


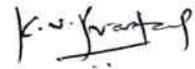
Suggestions on syllabus of 1st and 2nd years:

- 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.



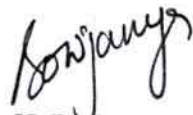

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NARASARAOPET
DEPARTMENT OF CIVIL ENGINEERING

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. GURUMURTHY	
5	Mr. M. R. Mohideen	
6	K.Kalyan Chakravathi	
7	Dr. G. Nandini Devi	
8	Dr G Babu Rao	
9	M. Srinivasa Rao	
10	K V Pratap	



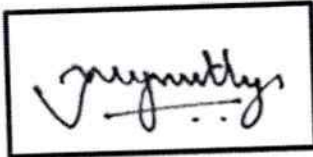

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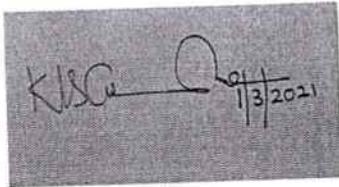

HoD, CE
CHAIRMAN
Bos - CIVIL Engineering Dept.
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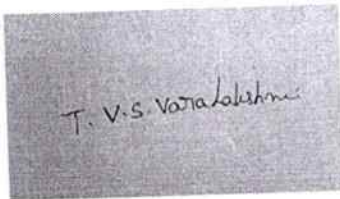
Date: 01-03-2021

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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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.

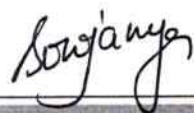

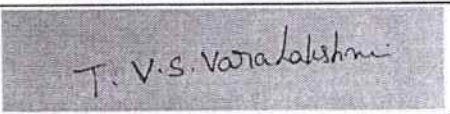
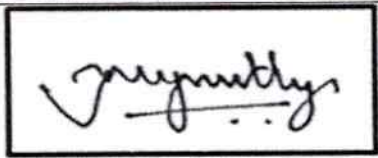



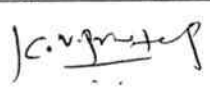
Members Present:

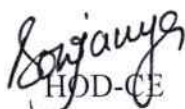
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8	Dr G Babu Rao	Assoc. Prof	Member	Geology	
9	M N S Samba Siva Rao	Asst. Prof	Member	Hydraulics,Coa stal&Harbour Engineering	
10	K V Pratap	Asst. Prof	Member	Structural Engineering	




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DEPARTMENT OF CIVIL ENGINEERING

S. No.	Name of the BOS member	Signature
1	Dr P Naga Sowjanya	
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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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NARASARAOPETA
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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



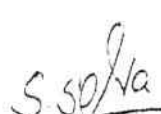






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NEC ENGINEERING COLLEGE (AUTONOMOUS)

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.Chengaiyah	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 representati ve	Power Systems	
6	Mr.A.Narasimha	Manager, BEML, Bengaluru	Member Alumni	EEE	
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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NEC ENGINEERING COLLEGE
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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

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Dr.S.SIVANAGARAJU

Dr.C.CHENGAIAH

Dr.I.SATISH KUMAR

Dr.S.SELVA KUMAR



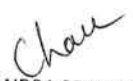
SK.MD.SHAREEF



P.D.V.S.K.KISHORE



J.SUNIL BABU



M.CHANDRA SEKHAH



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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

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2	Dr.S.Sivanagaraju	Professor Dept. of EEE UCE, JNTUK, Kakinada	Member Nominee of JNTUK Kakinada	Power Systems	
3	Dr.Ch.Chengaiiah	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	
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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Date: 26-12-2020

Agenda of BOS meeting

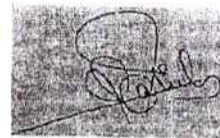
1. To discuss B.Tech.(EEE) Course Structure and 1st and 2nd B.Tech EEE Syllabus.
2. To discuss I B.Tech. II Sem. Subjects Network Analysis (ECE) and Elements of Electrical and Electronics Engineering Theory and Lab (M.E. & C.E.) Syllabus.



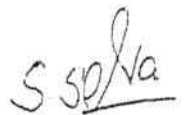
Dr.P.LAKSHMANAN

Dr.S.SIVANAGARAJU

Dr.C.CHENGAIAH



Dr.I.SATISH KUMAR



Dr.S.SELVA KUMAR

CHAIRMAN

BoS - EEE Dept.

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SK.MD.SHAREEF



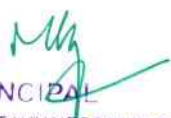
P.D.V.S.K.KISHORE



J.SUNIL BABU



M.CHANDRA SEK HAR


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Guntur (Dist.)

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.

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Dr. S. SIVANAGARAJU



Dr. C. CHENGAIAH

Dr. I. SATISH KUMAR



Dr. S. SELVA KUMAR



SK. MD. SHAREEF



P. D. V. K. KISHORE



J. SUNIL BABU



M. CHANDRA SEK HAR


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DEPARTMENT OF MECHANICAL ENGINEERING

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


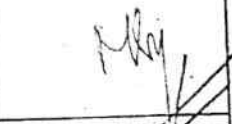
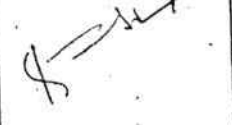

Venue: Principal's chamber, Narasaraopeta Engineering College (Autonomous)
 Time: 10 AM

AGENDA

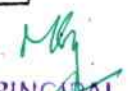
1. Welcome by the Chairman
2. Discussion on B.Tech. (Mechanical Engineering) four year Course Structure
3. Discussion on B.Tech Honors, General Minor & Specialized Minor Tracks Course Structure
4. Discussion on Syllabus of I B.Tech. and II B.Tech.
5. Discussion on Syllabus of B.Tech Honors & Minors Courses 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

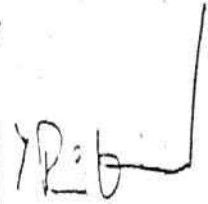



The meeting was started online by sharp 10 AM through MS Teams and concluded by 12:30 PM.

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	
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: raviyumar@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.
- Autotronics 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


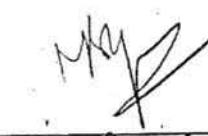

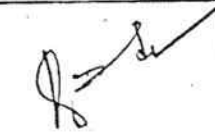
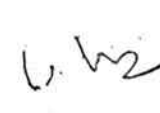
Venue: Principal's chamber, Narasaraopeta Engineering College (Autonomous)
 Time: 2 PM

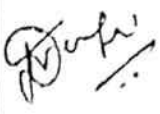
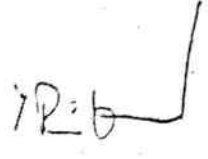


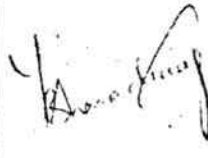
AGENDA

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	


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	
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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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@jiit.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: 9247217357 E-Mail: raghavaece39@gmail.com	

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 Ramanalah, 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 Raji, Professor, Department of ECE, Narasaraopeta Engineering College, Narasaraopet	Member (Internal Subject Expert)

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 subject add introduction to 8085 microprocessor in Unit-III.

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 Transmission 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 accordingly.
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 Instrumentation subject Unit-IV title can be changed 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 changed as Introduction to Signals and Systems.

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:

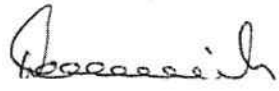
General suggestions by the members


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

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)

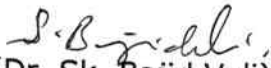
(Dr. K. Srinivasa Ravi)


(Dr. K. Raju)



(Dr. B. Raghavaiah)


(Dr. Amit Gupta)



(Dr. A.V. Nageswara Rao)


(Dr. Sk. Bajid Vali)


(Dr. R. Sambasiva Nayak)


(Mr. J. V. K. Ratnam)


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(Mr. P. S. S. Chakravarthy)

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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.

Prives

[Signature]

HOD – CSE

&

Chairman – BOS

CHAIRMAN

BOS - CSE Dept

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Guntur (Dist.), A.P.

[Signature]



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

CIRCULAR

We are pleased to inform you that the Department Computer Science and Engineering, Narasaraopeta Engineering College (Autonomous), is going to organize R19-B.Tech(CSE) 3&4 years – 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.

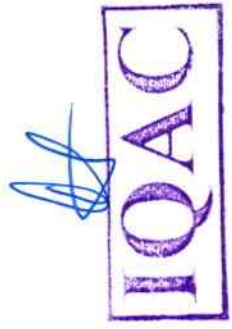
S.NO	NAME	Designation	Address	Contact Number	Remarks	Signature
1	Dr. S.N.Tirumala Rao	Professor & Head	Dept. CSE, NEC	9885271324, nagairumalarao@gmail.com	Chairman	
2	Dr. B.Jhansi Vazaram	Professor	Dept. CSE, NEC	9908888519, jhansi.bolla@gmail.com	Member	
3	Dr. G. Syam Prasad	Professor	Dept. CSE, NEC	9989834447, svamprasad.gudapati@gmail.com	Member	
4	Dr.S.V.N.Srini Vasu	Professor	Dept. CSE, NEC	9849866902 drsnsrivasu@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, dssan@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	VK Sannana Engineering College Vijayavada	9848690640, rupantechn@gmail.com	Representative
15	V Saathosh Kumar Tangudu	Software Development Engineer - III	Flipkart Internet Private Ltd. Bangalore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative


HoD & Chairman, BOS - CSE




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DEPARTMENT OF COMPUTER SCIENCE 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&OOD 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 Learning, 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.

S.D 10/2/21
Chairman - Board of Studies

CHAIRMAN
BOS - CSE Dept.
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPETA - 522 601.
Guntur (Dist.), A.P.

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(AUTONOMOUS)
NARASARAOPETA - 522 601
Guntur (Dist.). A.P.






**NARASARAO PETA ENGINEERING COLLEGE:: NARASARAO PETA
(AUTONOMOUS)**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

ATTENDANCE SHEET

We are pleased to inform you that the Department Computer Science and Engineering, Narasaraopeta Engineering College (Autonomous), is going to organize R19-B.Tech(CSE) 3&4 years – 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.

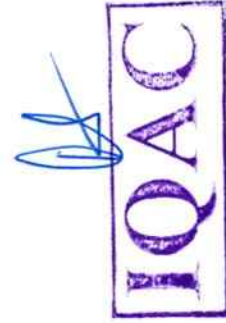
SNO	NAME	Designation	Address	Contact Number	Remarks	Signature
1	Dr. S.N.Tirumala Rao	Professor & Head	Dept. CSE, NEC	9885271324, nagatirumalarao@gmail.com	Chairman	
2	Dr. B.Jhansi Vazaran	Professor	Dept. CSE, NEC	990888519, jhansi.bolla@gmail.com	Member	
3	Dr. G. Syam Prasad	Professor	Dept. CSE, NEC	9989834447, syamprasad.gudapati@gmail.com	Member	
4	Dr.S.V.N.Srini Vasu	Professor	Dept. CSE, NEC	9849866902 dsvnsriniwasu@gmail.com	Member	
5	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	



M. Jayaram
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NARASARAO PETA - 522 501
Guntur (Dist.), A.P.

6	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member	T.V.S.K.Sil
7	Dr. S. Sivanageswara Rao	Asso.Prof	Dept. CSE, NEC	8977987777, drrsr@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	
14	Dr. Ch.Rupa	Professor	VR Sidhutha Engineering College Vijayawada	9848690640, rupamtech@gmail.com	Alumni Representative	
15	V Santhosh Kumar Tangudu	Software Development Engineer - III	Flipkart Internet Private Ltd. Bangalore	953-825-5159 t.v.santhoshkumar@gmail.com	Industry Representative	

HoD & Chairman, BOS - CSE



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Guntur (Dist.), A.P.

NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
(Autonomous)
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. Bangalore	Industry Representative

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NARASARAOPETA - 522 304
GURUGUDDIPATI, A.P.

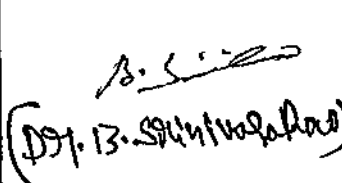
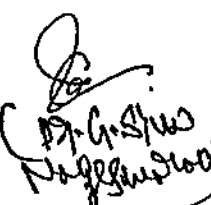
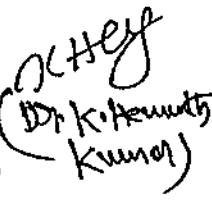
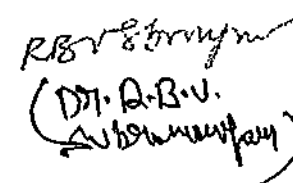
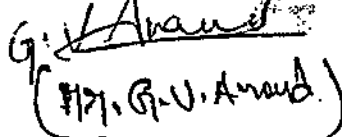
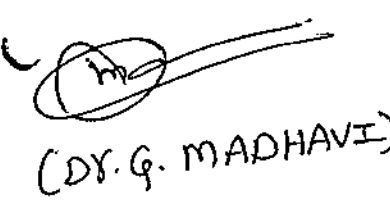
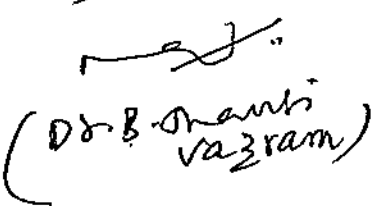
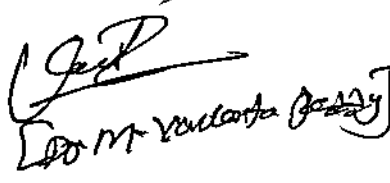
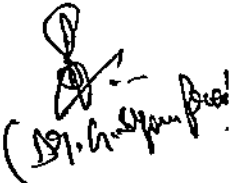
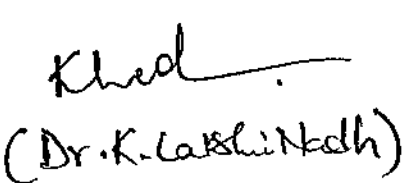
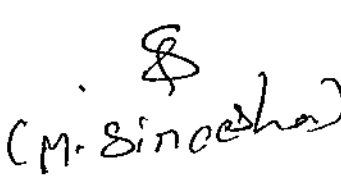
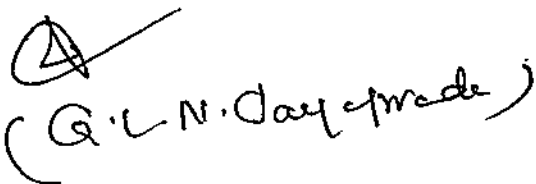

**NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
DEPARTMENT OF INFORMATION TECHNOLOGY**

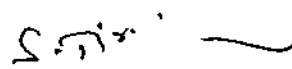
BOS MEETING HELD ON 12-02-2021 FOR R20 IT CURRICULUM

R20.- IT - BOS meeting is conducted on 12-01-2021(Tuesday) to finalize the I year B. Tech. Course structure and syllabus.

Minutes of Meeting:

1. The committee advised to change L T P of Linux Programming Lab, 006, in I B. Tech. - II Sem to 013 respectively.
2. Problem solving using python programming course is renamed as Python Programming in I B.Tech II Sem.
3. Title of Problem solving using python programming lab course is renamed as Python Programming lab in I B.Tech II Sem.
4. The L T P of R Programming Lab is changed from 003 to 012 in I B.Tech II Sem.
5. Title of Problem solving using C programming course is renamed as C Programming in I B.Tech I Sem.
6. Title of Problem solving using C programming lab course is renamed as C Programming lab in I B.Tech I Sem.

 (Dr. B. Srinivas Reddy)
 (Dr. G. Suresh Nageswara Rao)
 (Dr. K. Ananth Kumar)
 (Dr. A. B. V. Subramanyam)
 (Dr. G. V. Anand)
 (Dr. G. MADHAVI)
 (Dr. B. Mani Vararam)
 (Dr. M. Venkata Reddy)
 (Dr. G. Srinivas Reddy)
 (Dr. K. Lakshmi Nakh)
 (M. Srinath)
 (G. L. N. Jayaprada)
 (Dr. S. SIVA RAJU)


HEAD OF THE DEPARTMENT

& Chairman-BOS

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

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

DEPARTMENT OF INFORMATION TECHNOLOGY

R20 COURSE STRUCTURE

I B.TECH - I SEMESTER

S.No	Subject Code	SUBJECT	Cat. Code	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	L	T	P	CREDITS
1	R20CC1102	Matrix Algebra and Calculus	BS	30	70	100	2	1	0	3
2	R20EC1205	Applied Physics	BS	30	70	100	3	0	0	3
3	R20CC1101	Technical and Communicative English -I	HS	30	70	100	3	0	0	3
4	R20CC1105	C Programming	ES	30	70	100	3	0	0	3
5	R20CC1210	IT Workshop	ES	30	70	100	0	0	6	3
6	R20CC11L1	Soft Skills and Communication Skills Lab	HS	15	35	50	0	0	3	1.5
7	R20CC12L10	Applied Physics Lab	BS	15	35	50	0	0	3	1.5
8	R20CC11L1	C Programming Lab	ES	15	35	50	0	0	3	1.5
TOTAL										19.5

(Dr. B. Srinivas Rao) *(Dr. G. Srinivas Rao)* *(Dr. K. Hemant Kumar)* *(Dr. R. B. V. Subramanyam)* *(Mr. G. V. Anand)*

(Dr. G. Madhavi)

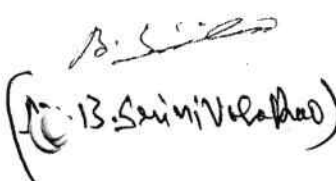

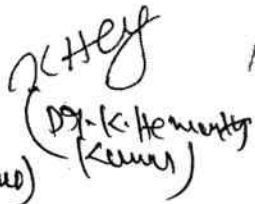
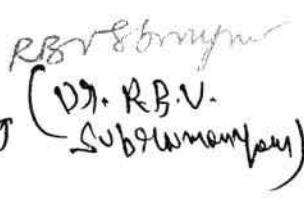
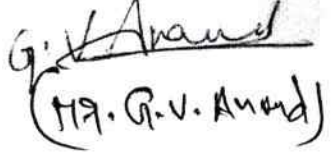



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DEPARTMENT OF INFORMATION TECHNOLOGY

I B.TECH – II SEMESTER

S.No.	Subject Code	SUBJECT	Cat. Code	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	L	T	P	CREDITS
1	R20CC1202	Numerical Methods and Statistics	BS	30	70	100	2	1	0	3
2	R20CC1204	Engineering Chemistry	BS	30	70	100	3	0	0	3
3	R20CC1106	Python Programming	ES	30	70	100	3	0	0	3
4	R20CC1208	Electronic Devices and Logic Design	ES	30	70	100	3	0	0	3
5	R20CC1108	LINUX Programming Lab	BS	30	70	100	0	1	3	2.5
6	R20CC11L3	Python Programming Lab	ES	15	35	50	0	0	3	1.5
7	R20CC11L5	Engineering Chemistry Lab	BS	15	35	50	0	0	3	1.5
8	R20CC12L3	R Programming Lab	ES	15	35	50	0	1	2	2.0
9	R20CCMC1	Environmental Studies	MC	-	-	-	2	0	0	0
TOTAL										19.5

 (B. Srinivas Rao)
 (Dr. G. Sivas)
 (Dr. K. Hemant)
 (Dr. R.B.V. Subramanyam)
 (Mr. G.V. Anand)

 (Dr. G. MADHAVI)




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I B.TECH	L	T	P	INTERNAL	EXTERNAL	TOTAL	CREDITS
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Email: nrtec_cs@yahoo.com

Ph: 08647-239912

NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

(Affiliated to JNTU Kakinada, Accredited by NBA and ISO 9001:2008 Certified)

R20 – B. Tech.(IT) - Board of Studies (BOS)

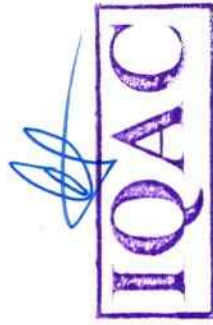
CIRCULAR

Date: 08-02-2021

We are pleased to inform you that the Department of Information Technology of Narasaraopeta Engineering College (Autonomous), is going to conduct R20-B. Tech(IT) – 1st Board of Studies (BOS) meeting on 12-02-2021, in online mode from 3.00 PM-onwards. All the members are requested to attend BOS meeting 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.Srinivasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	
5	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member	
6	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	
7	Dr. S. Sivangeswara 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	Dr G.Madhavi	Asst.Professor	Dept. CSE, JNTUN,	9908194643 gmadhavi@jntukucev.ac.in	JNTUN Nominee	

11	Dr. R.B. V. Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9491346969, rbvs66@gmail.com	Subject Expert
12	Dr. G. Siva Nageswara Rao	Professor	Dept. CSE, KLU	9440372525, sivanags@kluniversity.in	Subject Expert
13	Dr. K. Hemanth Kumar	Professor	Dept. CSE, VFSTR University	9490776374, hemanth_mtech2003@yahoo.com	Subject Expert
14	Dr. B. Srinivasa Rao	Associate Professor	School of CSE, VIT AP, Amaravati-522237, AP	9666428448, srinivas.battula@vitap.ac.in	Alumni Representative
15	Mr. G. Anand	Tech Lead	Shore Infotech, Hyderabad, Telangana	9885397373, anandvenkata@gmail.com	Industry Representative




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 HoD & Chairman, BOS



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Ph: 08647-239912

NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

(Affiliated to JNTU Kakinada, Accredited by NBA and ISO 9001:2008 Certified)

R19 – B. Tech.(IT) - Board of Studies (BOS)

ATTENDANCE SHEET

Date: 17-02-2021

The following BOS members have attended the 2nd meeting of R19 BOS B.Tech(IT) (for the approval of 3rd, 4th year syllabus) held on 17-02-2021 in IT Department of Narasaraopeta Engineering College, Narasaraopet.

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.Srinivasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	
5	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member	
6	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@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	Dr G.Madhavi	Asst.Professor	Dept. CSE, JNTUN,	9908194643, gmadhavi.it@jntukucev.ac.in	JNTUN Nominee	

11	Dr. R.B.V.Subramanyam	Professor	Dept. of CSE, NIT, Warangal	9491346969, rbvs66@gmail.com	Subject Expert
12	Dr. G. Siva Nageswara Rao	Professor	Dept. CSE, KLU	9440372525, sivanags@kluniversity.in	Subject Expert
13	Dr. K. Hemanth Kumar	Professor	Dept. CSE, VFSTR University	9490776374, hemanth_mtech2003@yahoo.com	Subject Expert
14	Dr. B. Srinivasa Rao	Associate Professor	School of CSE, VIT AP, Amaravati-522237, AP	9666428448, srinivas.battula@vitap.ac.in	Alumni Representative
15	Mr. G. Anand	Tech Lead	Shore Infotech, Hyderabad, Telangana	9885397373, anandvenkata@gmail.com	Industry Representative



HoD & Chairman, BOS

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

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



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DEPARTMENT OF INFORMATION TECHNOLOGY

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R20 – B. Tech.(IT) - Board of Studies (BOS)

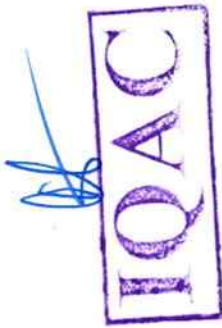
ATTENDANCE SHEET

Date: 11-02-2021

The following BOS members have attended the 1st meeting of R20 BOS B.Tech(IT) held on 11-02-2021 in IT Department of Narasaraopeta Engineering College, Narasaraopeta.

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, svamprasad.gudapati@gmail.com	Member	
4	Dr.S.V.N.Srinivasu	Professor	Dept. CSE, NEC	9849866902 drsvnsrinivasu@gmail.com	Member	
5	Dr. T. V. Sai Krishna	Professor	Dept. CSE, NEC	9963744208, dr.saikrishna007@gmail.com	Member	
6	Dr. K. Lakshmi Nadh	Professor	Dept. CSE, NEC	7981815225 drklmn7@gmail.com	Member	
7	Dr. S. Sivanageswara Rao	Asso.Prof	Dept. CSE, NEC	8977987777, drssnr@yahoo.co.in	Member	
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12	Dr. G. Siva Nageswara Rao	Professor	Dept. CSE, KLU	9440372525, sivanags@kluniversity.in	Subject Expert
13	Dr. K. Hemanth Kumar	Professor	Dept. CSE, VFSTR University	9490776374, hemanth_mtech2003@yahoo.com	Subject Expert
14	Dr. B. Srinivasa Rao	Associate Professor	School of CSE, VIT AP, Amaravati-522237, AP	9666428448, srinivas.battula@vitap.ac.in	Alumni Representative
15	Mr. G. Anand	Tech Lead	Shore Infotech, Hyderabad, Telangana	9885397373, anandvenkata@gmail.com	Industry Representative




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 HoD & Chairman, BOS


**NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

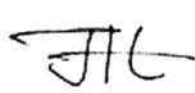
BOS MEETING HELD ON 19-01-2021 FOR R20 CSE(AI) CURRICULUM

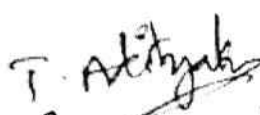
R20 – CSE(AI) - BOS meeting is conducted on 19-01-2021(Tuesday) to finalize the I year B. Tech. Course structure and syllabus.

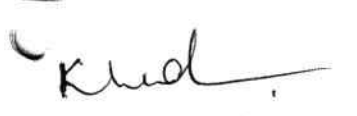
Minutes of Meeting:


1. The committee advised to change the title of Matrix Algebra and Calculus course in IB. Tech. I Sem to Linear Algebra & Calculus.
2. The committee suggested that Linux Programming Lab course which is in IB. Tech.- I Sem is swapped with CSE Workshop course in I B. Tech. – II Sem.
3. It is suggested that incorporate Case Study in Artificial Intelligence course.
4. The title of the Data Science course which is in II B. Tech.- II Sem need to be changed.
5. The committee advised that there is a need to swap the Compiler Design course in III B. Tech.-I Sem with Machine Learning Course in IIIB. Tech. II Sem.
6. Suggested to introduce some new technologies like google go, gin framework etc. in the curriculum.
7. Suggested to incorporate at least one Artificial Intelligence(AI) related course in every semester from IIB. Tech. – I Sem onwards.



(Dr. K. V. Ramana)


(Dr. D. P. Kumar)


(Dr. T. Aditya Kumar)


(Dr. K. Lakshmi Devi)


(M. Sireesha)


(G. L. N. Jayarama)


(Dr. S. Sivanageshwar)


HEAD OF THE DEPARTMENT

& Chairman-BOS
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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

R20 COURSE STRUCTURE

I B.TECH - I SEMESTER

S.No	Subject Code	SUBJECT	Cat. Code	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	L	T	P	CREDITS
1	R20CC1102	Linear Algebra and Calculus	BS	30	70	100	2	1	0	3
2	R20EC1205	Applied Physics	BS	30	70	100	3	0	0	3
3	R20CC1101	Technical and Communicative English -I	HS	30	70	100	3	0	0	3
4	R20CC1105	C Programming	ES	30	70	100	3	0	0	3
5	R20CC1210	CSE Workshop	ES	30	70	100	0	0	6	3
6	R20CC11L1	Soft Skills and Communication Skills Lab	HS	15	35	50	0	0	3	1.5
7	R20CC12L10	Applied Physics Lab	BS	15	35	50	0	0	3	1.5
8	R20CC11L1	C Programming Lab	ES	15	35	50	0	0	3	1.5
TOTAL										19.5

[Signature]
(Dr. K.V. Ramana)

[Signature]
(Dr. D. Jayakumar)

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(Dr. Adhithyan Kumar)



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I B.TECH – II SEMESTER

S.No.	Subject Code	SUBJECT	Cat. Code	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	L	T	P	CREDITS
1	R20CC1202	Numerical Methods and Statistics	BS	30	70	100	2	1	0	3
2	R20CC1204	Engineering Chemistry	BS	30	70	100	3	0	0	3
3	R20CC1106	Python Programming	ES	30	70	100	3	0	0	3
4	R20CC1208	Electronic Devices and Logic Design	ES	30	70	100	3	0	0	3
5	R20CC1108	LINUX Programming Lab	BS	30	70	100	0	0	6	3
6	R20CC11L3	Python Programming Lab	ES	15	35	50	0	0	3	1.5
7	R20CC11L5	Engineering Chemistry Lab	BS	15	35	50	0	0	3	1.5
8	R20CC12L3	R Programming Lab	ES	15	35	50	0	0	3	1.5
9	R20CCMC1	Environmental Studies	MC	-	-	-	2	0	0	0
TOTAL										19.5

[Signature]
(Dr. K.V. Ramana)

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(Dr. D. Jayo Kumar)

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