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1.2.1 Number of new courses introduced across all programmes offered during the year

Minutes of relevant Academic Council/ BoS meetings

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5	BoS meetings EEE	**100**
6	BoS meetings IT	**116**
7	BoS meetings ME	**123**
8	BoS meetings MBA	**131**

ATTENDANCE OF THE ACADEMID COUNCILMEETING HELD ON 27TH APRI, 2019

SL. NO	NAME OF THE MEMBER	DESIGNATION	SIGNATURE
1	Dr. B.L.Deekshatulu	Honorary Chairman	
2	Dr.A.S. Srinivasa Rao	Chairman	
3	Dr.G.Sateesh Kumar	Member	
4	Dr.G.S.N.Murthy	Member	
5	Dr.D.Vijay Kumar	Member	
6	Dr.C.J. Rao	Member	
7	Dr.B.V.Ramana	Member	
8	Sri S. Ramlal	Member	
9	Dr.G.Vasanti	Member	
10	Dr.B.Balaram	Member	
11	Prof.V.V.Nageswara Rao	Member	
12	Dr. D.Vishnu Murthy	Member	
13.	Dr. K.B.Madhu Sahu	Member	
14	Sri Rayapu Boyapaty, General Manager, HR, IBM Corportion, Hyd'bad	Member	
15	Dr. N.C.Siva Prakash, Prof., IISC, Bangalore	Member	
16	Dr.N.K.Srinath, Prof., RVC, Bangalore	Member	
17	Mr. Surampudi Srikanth, HR, TCS, Hyd.	Member	
18	Dr.Prasad Reddy PVGD, Prof., AU, Vizag	Member	
19	Sri Sundar KS, Assoc. VP& Head, Infosys Ltd., Bangalore	Member	
20	Dr.A.M.Prasad, DAP,JNTUK	Member	
21	Dr.R. Srinivasa Rao, DE, JNTUK	Member	
22	Dr.D.Azad	Member Secretary	

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(An Autonomous Institution)
K. Kotturu, Tekkali - 532201

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 27th APRIL, 2019 IN THE COLLEGE CAMPUS AT 10.30 AM (D BLOCK, INCUBATION CENTER)

All the members except the following could not attend the meeting due to their pre-occupation:

1. Sri Sundar KS, Assoc.VP & Head, Infosys Ltd., Bangalore
2. Dr. A.M.Prasad, DAP, JNTUK Kakinada
3. Dr. R. Srinivasa Rao, DE, JNTUK Kakinada

All the members congratulated the Management for the achievement of A+Grade by NAAC.

The members congratulated Dr. A.S. Srinivasa Rao for assuming his duties as Principal of the College and suggested to put on record the performance made during the tenure of the outgoing Principal Dr. K.B.Madhu Sahu, who has taken charge as Director (R&D).

The following agenda was discussed in the meeting:

1. Confirmation of the Minutes of the previous Academic Council Meeting held on 15th July, 2018
2. Finalization of AR18 – B.Tech 2nd year Syllabus
3. Discussion and finalization of AR19 M.Tech Syllabus & Regulations.
4. Discussion and finalization of AR19 M.B.A Syllabus & Regulations
5. Ratification and approval of B.Tech, MBA and M. Tech results.
6. Any other point with the permission of the Chair.

Dr. A.S. Srinivasa Rao, Principal welcomed all the members and presented a brief PPT on the action taken on the minutes of the previous meeting held on 15th July, 2018 and point wise above agenda at Incubation Centre.

The following decisions were taken after detailed discussion on the agenda among the members:

1. Confirm the Minutes of previous Academic Council Meeting held on 15th July, 2018:

   As there were no comments received from the members, the minutes stands confirmed.

2. Finalization ofAR18 – B.Tech 2nd Year Syllabus.

   The members approved the AR18 – B.Tech 2nd Year Syllabus with the following suggestions:

   - Suggested to rename the title of Mini Projects as Minor Project
   - The total semester credits should not be fractional hence suggested for correction.
   - Suggested to introduce Environmental Science Lab for at least two credits.
   - Suggested to introduce tutorial classes to majority subjects.

- Suggested to show uniform credits to same subject to all branches of engineering.
- Suggested to give 2 credits to Biology instead of 3 credits.
- Suggested to rename as Surveying Lab and Advance Surveying Lab instead of surveying Lab-I and Surveying Lab-II.
- Some of them are not open electives but they are professional electives. Suggested to rethink of open elective subjects like Safety, Water Shed Management, Economics, Psychology, Fine Arts, Philosophy etc. common to all branches.
- Suggested to introduce two interdisciplinary electives and two open electives.

3. Discussion and finalization of AR19 M.Tech Syllabus & Regulations

The members approved the AR19 M.Tech Syllabus & Regulations with the following suggestions:

- Suggested to rename English for Research writing as Technical Writing.

4. Discussion and finalization of AR19 M.B.A Syllabus & Regulations

The members approved the AR19 M.B.A Syllabus & Regulations with the following suggestions:

- Suggested to give project credits to 6 instead of 4.
- Suggested to rename non functional areas as non-core areas.

5. Ratification and Approval of B.Tech, MBA and M. Tech results.

Controller of Examinations reported the following results of B.Tech, MBA and M.Tech to the Academic Council:

I-I B.Tech	Regular & Supply Nov. 2018	Supp: Jan. 2019
2-I B.Tech	Regular & Supply Nov. 2018	Supp: Jan. 2019
3-I B.Tech	Regular & Supply Oct. 2018	Supp: Jan. 2019
4-I B.Tech	Regular & Supply Nov. 2018	Supp: Jan. 2019
I-I M.Tech	Regular & Supply Dec. 2018	
I-I MBA	Regular & Supply Dec. 2018	
2-3 MBA	Regular & Supply Nov. 2018	

After detailed discussions, the members ratified/approved the above results.

6. Any other point with the permission of the Chair.

- The members suggested that from the next meeting onwards, at least two HODs brief about the progress of the Department through PPT for 15 minutes.
- Suggested to send the faculty for pedagogy training to National Institute of Technical Teachers Training and Research (NITTTR).

The meeting ended with Vote of Thanks by the Chair at 1.00 PM followed by Lunch.

CHAIRMAN
ACADEMIC COUNCIL

aitam
ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
An Autonomous Institution

Approved by AICTE, New Delhi
Affilated to JNTUK
Accredited by NBA, AICTE
Accredited by NAAC, UGC
Recognised by UGC under sections 2(f) & 12(b
TEQIP Funded College

Date: 30.06.2018

5th Board of Studies
Department of ECE
Minutes of BOS meeting

Agenda:

1. To discuss & finalize the B.Tech. IV Year Syllabus of AR16 Regulation.
2. To discuss & finalize the syllabus of Open Electives offered by ECE to other Departments. (AR-16 Regulation)

   Open Elective-V
   - Basics of Mobile Communications
   - Introduction to Wireless Networks
3. To discuss the B.Tech. AR18 academic regulation.
4. To discuss the B.Tech. Course Structure of AR18.
5. To discuss & finalize the B.Tech. I Year Syllabus of AR18 Regulation.
6. To discuss & finalize the Electives offered by ECE to other Departments. (AR-18 Regulation)
   - Basic Electronics Engineering (MECH)
7. Any other points with the permission of the Chair.

Signature of the members:

Sl. No	Name of the Member	Nomination	Signature
1	Dr. G. Sateesh Kumar, Prof. & HOD, ECE	Chairman	
2	Dr. Gottapu Sasi Bhushana Rao Professor & HOD, Dept. of ECE, Andhra University, Visakhapatnam - 530 003 E-mail: sasi_gps@yahoo.co.in, sasigps@gmail.com Phone:0891-2503795 (R): 2844844 (Office): 98497 47131 (Cell)	Expert Member Nominated By University	
3	Dr. Narasimha Sarma N. V. S. Professor, Dept. of ECE, NIT, Warangal - 506004, Telangana, INDIA Email: sarma@nitw.ac.in Cell: 8702462412	Expert Member Nominated By Academic Council	

4	Dr. Sri Rama Murty Kodukula Associate Professor & Head of the Department, Dept. of Electrical Engineering,IIT Hyderabad, NH 9, Kandi, TS-502285,hod_ee@iith.ac.in, ksrm@iith.ac.in Ph: +91 40 2301 6005 Cell:9989315776	Expert Member Nominated By Academic Council	
5	Sri B.V. Subba Rao Hon'ble Dy.Project Director Indian Space Research Organization (ISRO) E Mail ID:bvsr.shar@gmail.com;bvsr@shar.gov.in	Expert Member from Industry	
6	Sri K. Dileep Kumar SCAFF Design Engineering ASTRIA Micro Systems Email: dileep.kemburu@gmail.com Cell: 9032792784S	Alumni	

SI. No	Name of the Member	Nomination	Signature
7	Dr. A.S. Srinivasa Rao, Professor & DEAN (Academics)	Faculty Member	
8	Dr. M. Jayamanmadha Rao, Professor & Assoc. DEAN - SA	Faculty Member	
9	Dr. B. Rama Rao, Professor & Asst. HOD	Faculty Member	
10	Dr. Y. Gopala Rao, Sr. Professor, ECE	Faculty Member	
11	Dr. M.N.V.S.S. Kumar, Assoc. Professor, ECE	Faculty Member	
12	Sri P. Venkata Muralidhar, Assoc. Professor, ECE	Faculty Member	
13	Sri M.V.H.B. Murthy, Assoc. Professor, ECE	Faculty Member	
14	Sri G.S.S.S.S.V.Krishna Mohan, Assoc. Professor, ECE	Faculty Member	
15	Sri. D. Yugandhar, Assoc. Professor, ECE	Faculty Member	
16	Sri V. Ashok Kumar, Assoc. Professor, ECE	Faculty Member	
17	Sri Ch. Rajashekara Rao, Assoc. Professor, ECE	Faculty Member	
18	Sri V. Lokesh Raju, Assoc. Professor, ECE	Faculty Member	
19	Sri K. Chidambara Rao, Assoc. Professor, ECE	Faculty Member	
20	Sri M. S. R. Naidu, Assoc. Professor, ECE	Faculty Member	
21	Smt. K. V. L. Bhavani, Assoc. Professor, ECE	Faculty Member	
22	Sri D. Hari Hara Santhosh, Assoc. Professor, ECE	Faculty Member	

Minutes of the 5th meeting of Board of Studies of ECE Department held on Sunday i.e. 30th June, 2018

1. **The syllabi of B.Tech. IV year AR 16 structure and syllabus is reviewed**
    - GPS is replaced by Satellite communications or Computer Networks.
    - GPS as elective for IV-I B.Tech.
    - EMI/EMC is replaced by Internet of Things (IOT).
    - Verilog should be added in VLSI lab.
    - Artificial Neural Networks (ANN) can be replaced by Display Devices or Embedded and Real time Operating systems.
    - In Microwave Engineering syllabus Circular wave guides topic is removed.
    - Detector characteristics can be included in Microwave Engineering Lab.
    - ALU and RISC processor shall be included in VLSI Lab.
    - Evolutionary techniques included in Optimization techniques.
2. **The course structure of B.Tech. AR 18 is reviewed**
    - Basics of Probability and Signals and systems can be included in Mathematics.
    - Chemistry – shall be removed.
    - More importance has to be given to the Lab Viva-Voce.
    - In Antenna & Wave propagation the term 'Wave' can be removed.
    - Linear and Digital IC applications can be make it as two courses.
    - Biomedical electronics is replaced with Biomedical Instrumentation.
    - Digital system design modified as Digital Electronics.
    - Fiber Optic communication is modified as Optical Communication.
    - MATLAB course books are to be introduced in the syllabus.
    - Open elective for III-I B.Tech for CSE/IT should be Embedded systems instead of Signals and systems.
    - Wavelets should be replaced with DSP Processors.
    - The name of HDL lab should be replaced with Digital system Design Lab.
    - Nano electronics should be replaced with IOT.
3. **The Syllabus of B.Tech. I Year AR 18 is reviewed**
    - **Physics** - The first 2 units can be combined and unit-3 may be reduced. Add one more unit on electromagnetic fields (Spherical and Cylindrical coordinates).
    - **Mathematics-I**- Combine units 2 & 3 and include 3-D geometry with vector calculus.
    - **Network theory**- Include more detailed concepts in Filters.

- **EDC lab-** Add two more experiments on feedback amplifiers and also specify the parameters to be measured.
- Basic Electronics for Mechanical and Switching Theory and Logic design (STLD) for EEE syllabus are reviewed.

BoS Chairman
Dept. of Electronics & Communication Engineering

Head of the Department
Dept. of ECE
Aditya Institute of
Technology & Management
TEKKALI-532 201

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Circular

Dt: 26-12-2018

The following faculty members are informed to attend the BOS meeting on 28-12 -2018 (Friday) without fail.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

Sl. No.	Name of the staff	Designation	Signature
1	Dr. A.S. SRINIVASA RAO	Prof.& DEAN (Academics)	
2	Dr. M. JAYAMANMADHA RAO	Prof. & Assoc. DEAN - SA	
3	Dr. B. RAMA RAO	Prof. & Asst. HOD	
4	Dr. Y. GOPALA RAO	Sr. Prof.	
5	Dr. M.N.V.S.S. KUMAR	Assoc. Prof.	
6	Sri P. VENKATA MURALIDHAR	Assoc. Prof.	
7	Sri M.V.H.B. MURTHY	Assoc. Prof.	
8	Sri G.S.S.S.S.V. KRISHNAMOHAN	Assoc. Prof.	
9	Sri. D. YUGANDHAR	Assoc. Prof.	
10	Sri V. ASHOK KUMAR	Assoc. Prof.	
11	Sri Ch. RAJASHEKARA RAO	Assoc. Prof.	
12	Sri V. LOKESH RAJU	Assoc. Prof.	
13	Sri K. CHIDAMBARA RAO	Assoc. Prof.	
14	Sri M. S. R. NAIDU	Assoc. Prof.	
15	Smt. K. V. L. BHAVANI	Assoc. Prof.	
16	Sri D. HARI HARA SANTHOSH	Assoc. Prof.	

HOD of ECE

Date: 28.12.2018

Department of ECE
Minutes of BOS meeting

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

Signature of the members:

Sl. No	Name of the Member	Nomination	Signature
1.	Dr. G. Sateesh Kumar, Prof. & HOD, ECE	Chairman	
2.	Dr. A.S. Srinivasa Rao, Professor & DEAN (Academics)	Faculty Member	
3.	Dr. M. Jayamanmadha Rao, Professor & Assoc. DEAN - SA	Faculty Member	
4.	Dr. B. Rama Rao, Professor & Asst. HOD	Faculty Member	
5.	Dr. Y. Gopala Rao, Sr. Professor, ECE	Faculty Member	
6.	Dr. M.N.V.S.S. Kumar, Assoc. Professor, ECE	Faculty Member	
7.	Sri P. Venkata Muralidhar, Assoc. Professor, ECE	Faculty Member	
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10.	Sri. D. Yugandhar, Assoc. Professor, ECE	Faculty Member	
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14.	Sri K. Chidambara Rao, Assoc. Professor, ECE	Faculty Member	
15.	Sri M. S. R. Naidu, Assoc. Professor, ECE	Faculty Member	
16.	Smt. K. V. L. Bhavani, Assoc. Professor, ECE	Faculty Member	
17.	Sri D. Hari Hara Santhosh, Assoc. Professor, ECE	Faculty Member	

Minutes of the meeting of Board of Studies of ECE Department held on Friday i.e. 28th Dec, 2018

1. The members reviewed the previous minutes of the meeting and confirmed the same since no further comments were received.
2. The members discussed the Syllabus of the **2nd & 3rd B.Tech.** programmes (AR18) to be implemented in the Academic Year 2019-20 and the same will be finalized in the next Board of Studies meeting scheduled in the month of March/April 2019.

BoS Chairman
Dept. of Electronics & Communication Engineering

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Circular

Dt. 12-03-2019

The following faculty members are informed to attend 7th BOS meeting on 18-03 -2019 (Monday) without fail.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of AR 18 2nd Year B.Tech.
3. To discuss and finalize the syllabus of Open Electives offered by ECE to other departments.
4. To discuss and finalize the syllabus of the subjects offered by ECE to other departments.
   - **EEE :** 1. Electronic Devices and Circuits
     2. Electronic Devices and Circuits Lab
   - **CSE :** 1. Digital Logic Design
     2. Digital Logic Design Lab
5. To discuss the Course Structure and Syllabus of AR 19 M.Tech. VLSI System Design for the Academic Year 2019-20.
6. Any other points with the permission of the Chair.

S. No.	Name of the staff	Designation	Signature
1	Dr. A.S. SRINIVASA RAO	Principal	
2	Dr. M. JAYAMANMADHA RAO	Prof. & Assoc. DEAN - SA	
3	Dr. B. RAMA RAO	Prof. & Asst. HOD	
4	Dr. Y. GOPALA RAO	Sr. Prof.	
5	Dr. M.N.V.S.S. KUMAR	Assoc. Prof.	
6	Sri P.V. MURALIDHAR	Assoc. Prof.	
7	Sri M.V.H.B. MURTHY	Assoc. Prof.	
8	Sri G.S.S.S.S.V. KRISHNAMOHAN	Assoc. Prof.	
9	Sri. D. YUGANDHAR	Assoc. Prof.	
10	Sri V. ASHOK KUMAR	Assoc. Prof.	
11	Sri Ch. RAJASHEKARA RAO	Assoc. Prof.	
12	Sri V. LOKESH RAJU	Assoc. Prof.	
13	Sri K. CHIDAMBARA RAO	Assoc. Prof.	
14	Sri M. S. R. NAIDU	Assoc. Prof.	
15	Smt. K. V. L. BHAVANI	Assoc. Prof.	
16	Sri D. HARI HARA SANTHOSH	Assoc. Prof.	

HOD of ECE

Dept. of ECE
Aditya Institute
ology & M

Date: 18.03.2019

7th Board of Studies
Department of ECE
Minutes of BOS meeting

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of AR 18 2nd Year B.Tech.
3. To discuss and finalize the syllabus of Open Electives offered by ECE to other departments.
4. To discuss and finalize the syllabus of the subjects offered by ECE to other departments.
   EEE : 1. Electronic Devices and Circuits
   2. Electronic Devices and Circuits Lab
   CSE : 1. Digital Logic Design
   2. Digital Logic Design Lab
5. To discuss the Course Structure and Syllabus of AR 19 M.Tech. VLSI System Design for the Academic Year 2019-20.
6. Any other points with the permission of the Chair.

Signature of the members:

S.No	Name of the Member	Nomination	Signature
1	Dr. G. Sateesh Kumar, Prof. & HOD, ECE	Chairman	
2	Dr. Gottapu Sasi Bhushana Rao Professor & HOD, Dept. of ECE, Andhra University, Visakhapatnam - 530 003 E-mail: sasi_gps@yahoo.co.in, sasigps@gmail.com Phone:0891-2503795 (R): 2844844 (Office): 98497 47131 (Cell)	Expert Member Nominated By University	
3	Dr. Narasimha Sarma N. V. S. Professor, Dept. of ECE, NIT, Warangal - 506004, Telangana, INDIA Email: sarma@nitw.ac.in Cell: 8702462412	Expert Member Nominated By Academic Council	
4	Dr. Sri Rama Murty Kodukula Associate Professor & Head of the Department, Dept. of Electrical Engineering,IIT Hyderabad, NH 9, Kandi, TS-502285,hod_ee@iith.ac.in, ksrm@iith.ac.in Ph: +91 40 2301 6005 Cell:9989315776	Expert Member Nominated By Academic Council	
5	Sri B.V. Subba Rao Hon'ble Dy.Project Director Indian Space Research Organization (ISRO) E Mail ID:bvsr.shar@gmail.com;bvsr@shar.gov.in	Expert Member from Industry	

6	Sri K. Dileep Kumar SCAFF Design Engineering ASTRIA Micro Systems Email: dileep.kemburu@gmail.com Cell: 9032792784S	Alumni	

S. No	Name of the Member	Nomination	Signature
7	Dr. A.S. Srinivasa Rao, Professor & Principal	Faculty Member	
8	Dr. M. Jayamanmadha Rao, Professor & Assoc. DEAN - SA	Faculty Member	
9	Dr. B. Rama Rao, Professor & Asst. HOD	Faculty Member	
10	Dr. Y. Gopala Rao, Sr. Professor, ECE	Faculty Member	
11	Dr. M.N.V.S.S. Kumar, Assoc. Professor, ECE	Faculty Member	
12	Sri P. Venkata Muralidhar, Assoc. Professor, ECE	Faculty Member	
13	Sri M.V.H.B. Murthy, Assoc. Professor, ECE	Faculty Member	
14	Sri G.S.S.S.S.V.Krishna Mohan, Assoc. Professor, ECE	Faculty Member	
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19	Sri K. Chidambara Rao, Assoc. Professor, ECE	Faculty Member	
20	Sri M. S. R. Naidu, Assoc. Professor, ECE	Faculty Member	
21	Smt. K. V. L. Bhavani, Assoc. Professor, ECE	Faculty Member	
22	Sri D. Hari Hara Santhosh, Assoc. Professor, ECE	Faculty Member	

Minutes of the 7th meeting of Board of Studies of ECE Department held on Monday i.e., 18th Mar, 2019

III-II In Course Structure (AR-18), Optical Communication should be renamed as Wireless Optical Communication in Professional Elective –II.

II-I Complex Variables and Statistical Methods : Some modifications are suggested.

Signals & Systems : Introduce text book by K. Dheergha Rao as reference.

Probability and Stochastic Processes :

1) Corrections are suggested in Unit-I
2) Binomial and Poisson density functions shall be removed.

Electro Magnetic Waves &Transmission Lines :

1) Should be renamed as Electromagnetic Field Theory and Transmission Lines
2) Some modification suggested.
3) In Unit-V, Smith chart should be renamed as Introduction to Smith Chart.
4) Remove text book 4.

Analog Communications : Communication receivers in Unit-IV shall be removed.

Digital Electronics :

1) Error detection and correction codes shall be removed after discussion.
2) Code converts shall be removed.

Pulse and Digital Circuits :

1) In Unit III and IV, analysis and design should be replaced by design and analysis.
2) Publication year need to be included in Reference text books.

Electronic Devices Circuits for EEE : In unit-I, tunnel diode shall be removed.

AR-19 M.Tech. : 1) Introduce Embedded System Design instead of Network Security and Cryptography.
2) Verify subject Codes.

BoS Chairman
Dept. of Electronics & Communication Engineering

Head of the Department
Dept. of ECE
Aditya Institute of
Technology & Management
TEKKALI-532 201

Date: 16.11.2019

8th Board of Studies
Department of ECE
Minutes of BOS meeting

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of AR 18 3rd Year B. Tech.
3. To discuss and finalize the syllabus of Interdisciplinary Elective offered by ECE to other departments.
4. To discuss and finalize the syllabus of the Core & Professional Elective subjects offered by EEE department.

   EEE: 1. Microprocessors and Microcontrollers
   2. Microprocessors and Microcontrollers Lab

   EEE (Elective): 1. IC Applications
   2. Principles of Pulse and Digital Circuits
   3. Communication Theory

   Other Dept. (IE): Other Dept. (IE): 1. Principles of Communications (All (Except ECE)
   2. Introduction to Signal Processing (EEE/MECH/CIVIL)
   3. Fundamentals of Signals & Systems (CSE/IT)

5. Any other points with the permission of the Chair.

Signature of the members:

S.No	Name of the Member	Nomination	Signature
1	Dr. D. Yugandhar, Prof. & HOD, ECE	Chairman	
2	Dr. Gottapu Sasi Bhushana Rao Professor & HOD, Dept. of ECE, Andhra University, Visakhapatnam - 530 003 E-mail: sasi_gps@yahoo.co.in, sasigps@gmail.com Phone:0891-2503795 (R): 2844844 (Office): 98497 47131 (Cell)	Expert Member Nominated By University	
3	Dr. Narasimha Sarma N. V. S. Professor, Dept. of ECE, NIT, Warangal - 506004, Telangana, INDIA Email: sarma@nitw.ac.in Cell: 8702462412	Expert Member Nominated By Academic Council	16/11/19
4	Dr. Sri Rama Murty Kodukula Associate Professor & Head of the Department, Dept. of Electrical Engineering,IIT Hyderabad, NH 9, Kandi, TS-502285,hod_ee@iith.ac.in, ksrm@iith.ac.in Ph: +91 40 2301 6005 Cell:9989315776	Expert Member Nominated By Academic Council	
5	Sri B.V. Subba Rao Hon'ble Dy.Project Director Indian Space Research Organization (ISRO) E Mail ID:bvsr.shar@gmail.com;bvsr@shar.gov.in	Expert Member from Industry	

6	Sri K. Dileep Kumar SCAFF Design Engineering ASTRIA Micro Systems Email: dileep.kemburu@gmail.com Cell: 9032792784S	Alumni	

S. No	Name of the Member	Nomination	Signature
7	Dr. A.S. Srinivasa Rao, Professor & Principal	Faculty Member	
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17	Sri Ch. Rajashekara Rao, Assoc. Professor, ECE	Faculty Member	
18	Sri V. Lokesh Raju, Assoc. Professor, ECE	Faculty Member	
19	Sri M. S. R. Naidu, Assoc. Professor, ECE	Faculty Member	
20	Smt. K. V. L. Bhavani, Assoc. Professor, ECE	Faculty Member	
21	Sri D. Hari Hara Santhosh, Assoc. Professor, ECE	Faculty Member	

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Minutes of the 8th meeting of Board of Studies of ECE Department held on Monday i.e., 16th November, 2019

III-I Course Structure (AR-18)

Antennas and Wave Propagation

1) Add website links for units.
2) In Unit-V remove ground wave propagation, reduce Sky Wave Propagation and increase Space Wave Propagation topics. Also remove M-curves and duct propagation.
3) In Unit-IV add Impedance measurement, polarization measurements.
4) Remove reference book 2.

Control Systems

1) In Unit-V add Optimal control Introduction to digital control systems ,applications PLL in digital control systems.(2 hrs)

Digital Communication

1) Add new text books.

Linear and Digital IC Applications

1) In text books inter change 1 and 2.

Electronic Measurements and Instrumentation

1) In Unit-II add Network Analyzer.
2) In Unit-III remove sampling oscilloscope.

Computer Architecture & Organization

1) In Unit-V add difference between normal computing system and embedded computing system.
2) Remove reference book 1.

Bio-Medical Instrumentation

1) In Unit-V add EMI effects.

Principles Of Communications

1) In Unit-II add basic block diagram of super heterodyne receiver, Capturing effect.

Digital Communications Lab

Add Experiments

1) Receiver characteristics.
2) Spectra of PSK, ASK, QPSK.
3) Eye Diagram

IC Applications Lab

1) Add Experiment Op amp characteristics.
2) In Experiment 5, add Astable Operation Circuit.
3) In Experiment 7, add Boolean functions.
4) Add Experiments
   SR,JK,D,T flip-flops
   Calendar counter
   4 bit Shift register.

Note :

1. Where ever possible include MAT Lab programme books for all theory and lab courses.
2. For all subjects include latest version text books and references.

III-II Course Structure (AR-18)

Microprocessors and Microcontrollers

1) In Unit-IV add Introduction to ARM processor, Architecture, RISC processor and remove others.
2) Swap Unit-III and Unit-IV.

Digital Signal Processing

1) Merge Unit-III and IV
2) In Unit-IV introduce weiner filter, matched filter and adaptive filter.

Optical Communications

1) In Unit-IV add Components of optical fiber communication. Basic optical fiber networks, optical CDMA (May or may not removed)
2) In Unit-V add Wireless optical communication.(6 classes)
3) In Reference Books remove 1 and 4.

Introduction To Signal Processing

1) In Unit-III add Applications of DSP in engineering (6 periods) and remove Fast Fourier Transform.
2) In Unit-V add Harmonic spectral analysis (MECH) Linear prediction(civil).
3) In Unit-V , IIR filter design may be removed

Fundamentals of Signals & Systems

1) In Unit-V add Laplace Transform, and Z – Transform.

Microprocessors and Microcontroller Lab

1) Part-II may be removed.
2) In Part-III add Interfacing with MIC.

Note :
1. Where ever possible include MAT Lab programme books for all theory and lab courses.
2. For all subjects include latest version text books and references.

EEE SUBJECTS

Communication Theory

1) Modify the syllabus according to the requirement of GATE exam.
2) In Unit-II remove Wide band FM
3) Replace Content of Unit-V with POWER LINE COMMUNICATION contents and also add basics of noise.

Principles Of Pulse And Digital Circuits

1) In Unit-III and IV remove analysis part.
2) Add Anand Kumar Text Book.

IC Applications

1) In Unit-I Op-amp characteristics may be placed at beginning.

Microprocessors and Microcontroller Lab

1) Content same as ECE

Microprocessors and Microcontroller

1) Content same as ECE

Note :
1. Where ever possible include MAT Lab programme books for all theory and lab courses.
2. For all subjects include latest version text books and references.

D. 22/11/19

BoS Chairman
Dept. of Electronics & Communication Engineering

Head of the Department
Dept. of ECE
Aditya Institute of Technology & Management

Date: 27.11.2020

9th Board of Studies
Department of ECE
Minutes of BOS meeting

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of AR 18 4th Year B. Tech.
3. To discuss and finalize the syllabus of Interdisciplinary Electives offered by ECE to other departments.
   Other Dept. (IE): 1. Basics of Mobile Communications (EEE/MECH/CIVIL)
   2. Introduction to Wireless Networks (CSE/IT)
4. To discuss and finalize the Course structure and syllabus of AR-20 first year.
   ECE: 1. Electronics-I
   2. Electronics-I Lab
   EEE: 1. Electronic Devices and Circuits
   2. Electronic Devices and Circuits Lab
5. Any other points with the permission of the Chair.

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Members Present (Online Meeting):

S.No	Name of the Member	Nomination	Signature
1	Dr.D. Yugandhar, Prof. & HOD, ECE	Chairman	D. Yug
2	Dr.Gottapu Sasi Bhushana Rao Senior Professor, Dept. of ECE, Andhra University, Visakhapatnam - 530 003 E-mail: sasi_gps@yahoo.co.in, sasigps@gmail.com Phone:0891-2503795 (R): 2844844 (Office): 98497 47131 (Cell)	Expert Member Nominated By University	-Sd-
3	Dr. Narasimha Sarma N. V. S. Director, IIIT Trichy Email: sarma@nitw.ac.in Cell: 8702462412	Expert Member Nominated By Academic Council	- Sd -
4	Dr. Sri Rama Murty Kodukula Associate Professor & Head of the Department, Dept. of Electrical Engineering,IIT Hyderabad, NH 9, Kandi, TS-502285,hod_ee@iith.ac.in, ksrm@iith.ac.in Ph: +91 40 2301 6005 Cell:9989315776	Expert Member Nominated By Academic Council	- Sd -
5	Sri B.V. Subba Rao Hon'ble Dy.Project Director Indian Space Research Organization (ISRO) E Mail ID:bvsr.shar@gmail.com;bvsr@shar.gov.in	Expert Member from Industry	-

6	Sri K. Dileep Kumar SCAFF Design Engineering ASTRIA Micro Systems Email: dileep.kemburu@gmail.com Cell: 9032792784S	Alumni	- Sd -

Signature of the members:

Sl. No.	Name of the staff	Designation	Signature
1.	Dr. A.S. SRINIVASA RAO	Prof. & Principal	
2.	Dr. D. YUGANDHAR	Prof. & HOD	
3.	Dr. M. JAYAMANMADHA RAO	Prof. & Assoc. DEAN - SA	
4.	Dr. B. RAMA RAO	Prof. & Asst. HOD	
5.	Dr. G. SATEESH KUMAR	Professor.	
6.	Dr. V. ASHOK KUMAR	Professor.	
7.	Dr. M.V.H.B. MURTHY	Professor.	-
8.	Dr. M.N.V.S.S. KUMAR	Assoc. Prof.	
9.	Dr. K. CHITAMBARA RAO	Assoc. Prof.	
10.	Dr. D. HARI HARA SANTHOSH	Assoc. Prof.	
11.	Sri P. VENKATA MURALIDHAR	Assoc. Prof.	
12.	Dr. KRISHNA MOHAN G.S.S.S.S.V	Assoc. Prof.	
13.	Dr. Ch. RAJASHEKARA RAO	Assoc. Prof.	
14.	Dr. M. S. R. NAIDU	Assoc. Prof.	
15.	Sri V. LOKESH RAJU	Assoc. Prof.	
16.	Smt. K. V. L. BHAVANI	Assoc. Prof.	

9th Board of Studies
Department of ECE
Minutes of BOS meeting

Minutes of the 9th meeting of Board of Studies of ECE Department held on Friday i.e. 27th November, 2020

1. **The course structure and syllabus of AR18 IV.B.Tech is reviewed and the following modifications are suggested.**

- Microwave Engineering :
  - i) In Unit I, remove TEM topic.
  - ii) In Unit V, add ATT devices IMPATT,TRAPATT.
  - iii) In Reference books add Microwave Engineering- Annapoorna das, Sisir K Das, Tata McGraw- Hill Education.
- Change title from Wireless Communications to Wireless Communication Systems.
- In Antennas and Microwave Engineering lab rename Circulator, Magic-T experiments as S parameters of Two port and Three port devices.
- In Digital System Design Lab include experiment Barrel Shifter and 3 bit Multiplier.
- Change title from Basics of mobile communications to Basics of mobile cellular communications.
- In Unit V of Basics of mobile cellular communications add Introduction to 3G and 4G technologies and modify Corresponding CO.
- In Radar Engineering remove Non –Coherent MTI Radar topic.
- In Satellite Communication
  - i) Add the reference book Satellite Communication concepts and applications - K.N.Rajarao, PHI Publications.
  - ii) Add some topics related to Communications.
- Change title from Software defined Radio to Software Radio.

  In Software Radio interchange Unit III (Multirate signal processing) and Unit IV (Digital Generation of Signals).
- Syllabus may be reorganized by internal BOS members according to student response for subsequent batches.

2. **The course structure and syllabus of AR20 I B. Tech is reviewed and the following modifications are suggested.**

- Provide URL reference links at the end of each Unit for all courses.
- Remove internal& external marks in syllabus copy and insert L, T, P hours.

BoS Chairman
Dept. of Electronics & Communication Engineering

Dept. of ECE
Aditya Institute of
Technology & Management
TEKKALI-532 201

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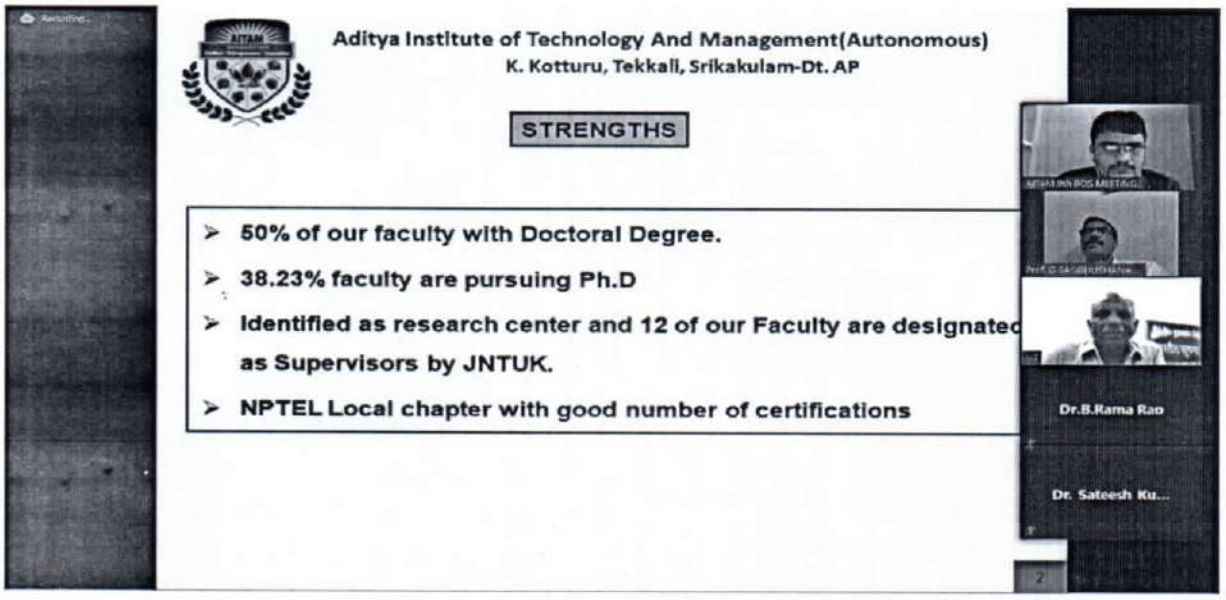
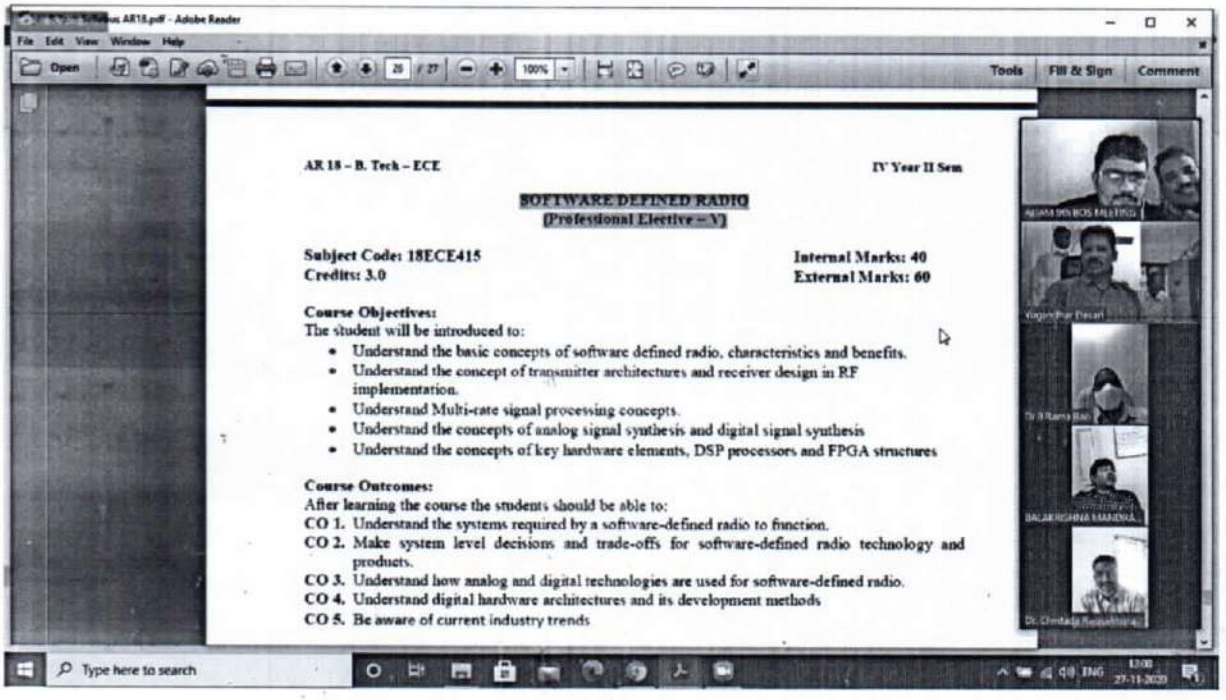
9th Board of Studies(27-11-20)





Date: 08.07.2021

10th Board of Studies
Department of ECE
Minutes of BOS meeting

Agenda:

To review the previous Minutes of the Meeting and to discuss and get approved the following points.

1. AR20 II B.Tech course structure and syllabus.
2. Interdisciplinary Electives syllabus offered by ECE to other departments.
   i. Introduction to Electronic Measurements (Except ECE)
3. Courses offered to CSE & IT
   i. Digital Logic Design
   ii. Digital Logic Design Lab
4. Honors Degree "Internet of Things"
   i. Course structure
   ii. Syllabus for course "Introduction to IoT in II-II Sem"
5. Any other points with the permission of the Chair.

Members Present (Online Meeting):

S.No	Name of the Member	Nomination	Signature
1	Dr. D. Yugandhar, Prof. & HOD, ECE	Chairman	D. Yug
2	Dr. Gottapu Sasi Bhushana Rao Senior Professor, Dept. of ECE, Andhra University, Visakhapatnam - 530 003 E-mail: sasi_gps@yahoo.co.in, sasigps@gmail.com Phone:0891-2503795 (R): 2844844 (Office): 98497 47131 (Cell)	Expert Member Nominated By University	- Sd -
3	Dr. Narasimha Sarma N. V. S. Director, IIIT Trichy Email: sarma@nitw.ac.in Cell: 8702462412	Expert Member Nominated By Academic Council	- Sd -
4	Dr. Sri Rama Murty Kodukula Associate Professor & Head of the Department, Dept. of Electrical Engineering,IIT Hyderabad, NH 9, Kandi, TS-502285,hod_ee@iith.ac.in, ksrm@iith.ac.in Ph: +91 40 2301 6005 Cell:9989315776	Expert Member Nominated By Academic Council	—
5	Sri B.V. Subba Rao Hon'ble Dy.Project Director Indian Space Research Organization (ISRO) E Mail ID:bvsr.shar@gmail.com;bvsr@shar.gov.in	Expert Member from Industry	- Sd -

6	Sri K. Dileep Kumar SCAFF Design Engineering ASTRIA Micro Systems Email: dileep.kemburu@gmail.com Cell: 9032792784S	Alumni	-Sd-

Signature of the members:

Sl. No.	Name of the staff	Designation	Signature
1.	Dr. A.S. SRINIVASA RAO	Prof. & Principal	
2.	Dr. D. YUGANDHAR	Prof. & HOD	
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4.	Dr. B. RAMA RAO	Prof. & Asst. HOD	
5.	Dr. G. SATEESH KUMAR	Professor.	
6.	Dr. V. ASHOK KUMAR	Professor.	
7.	Dr. M.V.H.B. MURTHY	Professor.	
8.	Dr. Ch. RAJASHEKARA RAO	Professor.	
9.	Dr. K. CHITAMBARA RAO	Assoc.Prof.& Asst.HOD-Placements	
10.	Dr. M.N.V.S.S. KUMAR	Assoc. Prof.	
11.	Dr. D. HARI HARA SANTHOSH	Assoc. Prof.	
12.	Dr. KRISHNA MOHAN G.S.S.S.S.V	Assoc. Prof.	
13.	Dr. M. S. R. NAIDU	Assoc. Prof.	
14.	Dr. K. V. L. BHAVANI	Assoc. Prof.	
15.	Sri P. VENKATA MURALIDHAR	Assoc. Prof.	
16.	Sri V. LOKESH RAJU	Assoc. Prof.	

10th Board of Studies
Department of ECE
Minutes of BOS meeting

Minutes of the 10th meeting of Board of Studies of ECE Department held on Friday i.e. 08th July, 2021

The course structure and syllabus of AR20 II.B. Tech is reviewed and the following modifications are suggested.

1. Try to introduce Data structures course in place of Python Programming, and include Python Programming as a Skill Oriented Course.
2. Analog and Digital Communications (theory and lab) are basic courses try to offer them as separate courses.
3. In Electronics-II course follow the sequence Unit-I (Single stage Amplifiers), Unit-II (Multistage Amplifiers) and Unit-III (Add RC & Wein bridge Oscillators using FET version), include classification of power amplifiers in Unit-V, also Provide web links which covers entire syllabus.
4. In Digital Electronics course include Quine mccluskey method.
5. In Network Analysis course include LPF, HPF, Balanced and unbalanced networks, Reduce Resonance topics. Make D.C Transient Analysis and A.C Transient Analysis as one unit. From the text book Network lines and Fields – John. D. Ryder prepare one unit for the course.
6. Network Analysis course to be introduced in II-I semester instead of II-II semester.
7. In Pulse and Digital Circuits course include UJT Relaxation Oscillator circuit topic.
8. In Electro Magnetic Waves & Transmission lines course start with Transmission Lines-I& II as Unit-I &II, try to provide standard web links, include single stub and double stub matching topics.
9. Course structure for 3rd and final year is not prepared - See that electronic subjects and Communication subjects have 50% weightage each in Core subjects.
10. Web link for Digital logic design is given as a text book other than prescribed textbook or reference books.
11. Based on internal BoS committee recommendations the Honors Degree and Skill oriented courses may be revised /changed time to time.
12. Skill oriented courses PLC & SCADA to be removed. New courses can be added and should be taught by the internal faculty itself.

D. [illegible]

BoS Chairman
Dept. of Electronics & Communication Engineering

Head of the Department
Department of ECE
Aditya Institute of Technology and Management
TEKKALI-532 201

ADITYA
Institute of Technology And Management
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Accredited by NBA & NAAC, Recognised by UGC under 2(f) 12(b)
K.Kotturu, TEKKALI-532 201, Srikakulam Dist., A.P
Phones:+91 8945-245666,245266 Fax:08945-245266
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Date: 02.01.2016

Minutes of the 3rd meeting of Board of Studies of Civil Department held at 10.00AM on Saturday, the 2nd Jan,2016 in the college campus

Agenda:

1. To discuss B.Tech Civil IV year syllabus of AR-13 regulations
2. To discuss 4year course structure of AR-16 regulations
3. To discuss B.Tech 1st & 2nd year syllabus of AR-16 regulations
4. To discuss M.Tech (Structural Engineering) syllabus of AR-16 regulations

Members Present :

SL. NO.	NOMINATION	MEMBER (2015-16)	Nomination	Signature
1.	Dr.M.Murali	Chairman	HOD	
2.	Mr.Ch.Kannam Naidu	Member	Faculty	
3.	Mr.S.Ramlal	Member	Faculty	
4.	Mr.G.Gowrishankar Rao	Member	Faculty	
5.	Mr Ch. Chandra Mouli	Member	Faculty	
6.	Mr.Ch.V.Hanumantha Rao	Member	Faculty	
7.	Dr R. Pradeep Kumar Prof. in Civil Engg. (IIIT, HYD)	Member	Nominated by Academic council	
8.	Dr.T.D.Gunneswara Rao Prof. in Civil Engg (NIT WARANGAL)	Member	Nominated by Academic council	
9.	Dr K.Ramu Prof. in Civil Engg JNTUK	Member	Nominated by University	

HOD, CIVIL
H.O.D.
Dept. of Civil Engg
ADITAM-TEKKALI

Points discussed and resolved.

SUBJECTS(AR-16):

1. Members of BoS discussed and suggested that to change the title of the subject "Construction materials and management" to "Building materials and constructions" based on the syllabus topics. This subject should be shifted to 3rd semester from 1st semester.
2. Members of BoS discussed and suggested that "Air pollution and control" (Generic course -3) should be considered as generic course – 1 instead of "Concrete Technology" and vice versa.
3. Members of BoS discussed and suggested that "Managerial Economics and Financial Analysis" subject of 4th semester should be shifted to 7th semester.
4. Members of BoS discussed and suggested that "Hydralics and Hydralic machinery" of subject 5th semester should be shifted to 4th semester.
5. Members of BoS discussed and suggested that "Geo Technical Engineering - 1 " of 6th semester should be shifted to 5th semester.
6. Members of BoS discussed and suggested that "Design of Steel structures " of 7th semester should be shifted to 6th semester. This subject should be renamed as "Design and drawing of steel structures" as "Drawing of steel structures lab" was removed.
7. Members of BoS discussed and suggested that "Computer Programming" subject of 3rd semester should shift to 1st semester.
8. Members of BoS discussed and suggested that "Advanced Structural Analysis (Elective-2)" of 7th semester should shift to 6th semester (Elective-1).
9. Members of BoS discussed and suggested that "Earth quake resistance design (Elective-2)" of 7th semester should be shifted to 8th semester(Elective-3) and vice versa.
10. Members of BoS discussed and suggested that "Pavement analysis and design (Generic Course-8) of 6th semester should shifted to 7th semester (Generic Course-10) in place of "Hydralic Structures and irrigation design and drawing" and vice versa.

LABS(AR-16):

11. Members of BoS discussed and suggested that to shift "Engineering workshop lab" of 1st semester to 3rd semester in place of "Computer programming lab" of 3rd semester and vice versa.
12. Members of BoS discussed and suggested that "Concrete Technology lab" of 4th semester should be shifted to 5th semester in place of "Computer aided engineering drawing practice lab" and vice versa.

13. Members of BoS discussed and suggested that "STAAD-Pro lab" of 6th semester should be renamed as "Software tools for structural engineering lab".
14. Members of BoS discussed and suggested that "MoF and Hydralic machinery lab" of 6th semester should be splitted into "Fluid Mechanics lab" and Hydralic machinery lab". "Fluid Mechanics lab" should be introduced in 4th semester. "Hydralic machinery lab" should replace "MoF and Hydralic machinery lab" in 6th semester.
15. Members of BoS discussed and suggested that "Advanced Engligh communication skills lab" of 3rd semester should be shifted to 4th semester.

SYLLABUS(AR-16):

16. Members of BoS discussed and suggested that 5th Unit of "Strength of Materials -1" of 3d semester should be changed to "Torsion of circular shafts and springs" subject in place of " Deflection of beams".
17. Members of BoS discussed and suggested that 3rd Unit of "Boundary layer theory" topic (Unit-3) of "Fluid Mechanics" subject(3rd semester) should be removed.
18. Members of BoS discussed and suggested that 1st and 2nd Units of "Engineering Geology" subject (Generic Course-2) should be combined as Unit-1 as "Geology of dams, reservoirs and tunnels" topics should be introduced as an additional Unit.
19. Members of BoS discussed and suggested that Two additional experiments namely "Electrical resistivity meter survey" and " Site visit for strike and dip observations" are to be introduced in "Engineering geology lab" of 3rd semester.
20. Members of BoS discussed and suggested that "Analysis pin jointed Plane Frames" should be introduced in "Structural Analysis-1" subject in place of "Moving loads and influence lines".
21. Members of BoS discussed and suggested that "Deflection of beams" should be introduced to "Strength of Materials=2" of 4th semester.
22. Members of BoS discussed and suggested that "Direct and bending stresses" topic should be introduced in subject "Strength of Materials-2" in place of "Analysis of pin jointed plane frames".
23. Members of BoS discussed and suggested that "NDT Tests" topic should introduced in the subject "Concrete Technology"(Generic course-1).
24. Members of BoS discussed and suggested that "Orientation of building according to sub bath" should be introduced in place of "CPM and PERT" because of its relevance.
25. Members of BoS discussed and suggested that 8 experiments should be introduced in "Fluid Mechanics Lab" namely Small orifice, Cylindrical

Mouthpiece, Convergent mouthpiece, Borda's mouthpiece, Venturi meter, Orifice meter, Flow nozzle meter, V-notch and Trapezoidal notch.

B.Tech Civil 4th year syllabus ART-13 regulation

AR-13 (Final year syllabus):

26. Members of BoS discussed and suggested that topic details should be mentioned in the subject "Estimation and quantity surveying (7th semester)" of AR-13 on par with AR-16 estimation subject.
27. Members of BoS discussed and suggested that 1st, 2nd and 3rd units pertaining to "Hydraulic Structures" of the subject "Hydraulic Structures and irrigation design and drawing "should be combined as 1st unit. Topics related to "Irrigation design and drawing" should be splitted into 2nd,3rd,4th and 5th units.
28. Members of BoS discussed and suggested that sequence of the experiments of "Geotechnical Engineering Lab" of 7th semester (AR-13) should be on par with "Geotechnical Engineering" theory subject.
29. Members of BoS discussed and suggested that "GIS applications for disasters like stampede, natural calamities" etc should be introduced in the subject "Remote sensing and GIS applications" of 7th semester (AR-13).

M.Tech Structural Engineering (AR-16):

30. subject title "Theory of Elasticity and Plasticity" of Ist semester M.Tech of AR-13 regulations should be renamed as Theory of Elasticity for AR-16 Regulations
31. "Matrix analysis of strictures" should be replaced "Finite element method" which in second semester of AR-13 regulations
32. " structural dynamics" should replace " Theory of plate and shells" of AR-13 and this " theory of plates and shells" subject should be moved to second semester for AR-16
33. " Bridge engineering" which was elective IV subject in AR-13 should interdicted as compulsory subject (in second semester only) for AR-16 Regulations
34. "Theory of plate and shells" (which was Ist semester of AR-13) should moved to second semester in place of " computer applications and CAD"
35. "structural dynamics and Earthquake resistance design" of AR-13 should split in to two subjects
    1. Structural dynamics (Ist semester)
    2. Earthquake resistance design of building (2nd semester for AR-16)
36. " Repairs and rehabilitation of Concrete Stricture" (Elective –IV) should be introduced 2nd semester of AR-16 in place of "Bridge Engineering" (Elective –IV) of AR-13

37. " Seismology" , "Static analysis", " Ductile detailing and strengthening of structure etc. the topic should be included in " Earthquake resistant design of buildings" subject.

After detailed discussion among the BOS members based on the feedback by stakeholders and members of Academic Council, total 12 courses are introduced and approved. Out of 12 courses approved comprises 2 new courses, 7 electives courses and 3 courses are related to improve student Employability Skill development.

Chairman

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, TEKKALI

Department of Civil Engineering

Date: 24.01.2017

List of External BoS Members for Autonomous to attend the 4th BoS Meeting scheduled on 28th January 2017(Travel plan, accommodation required and incharge details)

S. No	Name of the External BOS Expert	Accommodation	Forward journey Details	Back ward journey Details
1	Dr K.Ramu Prof. in Civil Engg. JNTUK 08842300836,9848282931 kramujntu@gmail.com & kramujntu@hotmail.com	Not required	28/01/2017 from Kakinada at 5:00am	28/01/2017 from AITAM at 4:30pm to Kakinada
2	Dr K.Rajeswara Rao MVGR drkuppili@gmail.com 9948897356	Not required	28/01/2017 from Vizanagaram at 8:00am	28/01/2017 from AITAM at 4:30pm to Vizanagaram

24/1/17
Department In charge
Mr S.Ramlal
(9440109455)

24/1/17
HOD, CIVIL
H D. Civil Dept

Received copy
24/01/17

aitam
ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
An Autonomous Institution

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DEPARTMENT OF CIVIL ENGINEERING

Minutes of the BOS meeting Dated:28.01.2017

Agenda:

Approval of AR-16 3rd Year Syllabus of B.Tech. CIVIL Engineering.

Members Present:

Sl.No.	Name of the Faculty	Designation	Sign.
1	Dr.M.Murali	Professor & HOD, AITAM	
2	Dr.Ch.Kannam Naidu	Assoc. Professor, AITAM	
3	Mr.S.Ramlal	Assoc. Professor, AITAM	
4	Dr.Ch.Vasudeva Rao	Assoc. Professor, AITAM	
5	Mr.G.Gowrishankara Rao	Assoc. Professor, AITAM	
6	Mr.Ch.Chandramouli	Sr.Asst. Professor, AITAM	
7	Dr.K.Rajeswara Rao	Professor in MVGR, VZM	
8	Dr.K.Ramu	Professor in JNTUK, Kakinada	

The draft syllabus is approved with the following modifications.

1. In **Geo Technical Engineering-I (16CE3011)**. The topics should be elaborated for clear understanding for question paper setter. In Unit-2 (sub topic: Seepage thorough soils), the topics should be re arranged as "1-D and 2-D, flow nets, Characteristics & uses, quick sand condition and seepage through soils". In Unit-4 (sub topic: compaction), "laboratory compaction tests (heavy and light)" should be added. In Unit-4 (sub topic: consolidation), "determination of coefficient of consolidation from laboratory tests" must be added. "Fundamentals of soil mechanics by D.W.Taylor" should be added in the reference books. "Principles of Geo technical Engineering by B.N.Das" should be added in text books.

(Mr.Ch.Chandramouli) (Mr.G.Gowrishankara Rao) (Dr.Ch.Vasudeva Rao) (Mr.S.Ramlal)

(Dr.Ch.Kannam Naidu) (Dr.M.Murali) (Dr.K.Rajeswara Rao) (Dr.K.Ramu)

-Contd.

2. In **Structural Analysis-II (16CE3012).** The topic "Slope deflection method" of Unit-2 should be shifted from Unit-2 to Unit-3. In Unit-5, the topics should re arranged as "Analysis of continues beams by stiffness methods-settlement of supports". "Statistical indeterminate structures by C.K.Wang" must be added in the list of text books. "Structural analysis by R.C.Hibbler "and "Basic structural analysis by Muttu & Janarthan" must be added in list of reference books.
3. In **Design of Concrete Structures (16CE3013).** Preparation of plates for the reinforcement detailing is not necessary to mention in note. The text books order should be re arranged as 1.P.C.Varghese 2.N.Krishnam Raju & R.N.Pranesh 3. N.C.Sinha & S.K.Roy 4.Unnikrishna. In reference books "Park & Pauley" should be mentioned first.
4. In **Transportation Engineering-I (16CE3014),** "Traffic regulation and management" should be shifted to Transportation Engineering-II (16CE4033). "Highway materials" should be added as Unit-3 & "Traffic Engineering" of Unit-3 should be placed in Unit-4.
5. In **Concrete Technology (16CE3015),** the text books list should be re arranged as "1.Neville 2.Santha Kumar ". "Micro structure of concrete by P.K.Mehata" should be added in reference books list.
6. In **Design of Concrete Structures Lab(16CE3106),** the title for all drawings should be as "reinforcement detailing of following for different types of loading". SP-34 of BIS must be shown as reference book.
7. In **Transportation Engineering Lab (16CE3107),** standard manuals should be mentioned in reference.
8. In **Design & Drawing of Steel Structures (16CE3016),** the term "Permissible stress" mentioned in Unit-1 & Unit-3 must be removed as per new code of BIS. "Design of Steel structures by Limit state method as per IS-800:2007, S.S.Bhavakatii" & "Steel Structures and Design and practices by N.Subramanya" should be included in list of text books.
9. In **Water Resource Engineering (16CE3017),** "Design of small dams by U.S.B.R.", "Hydrology Subramanya" & "Jayaram Reddy" should be added in references. "Water Resource Engineering by Arora" should be added in list of text books. "Hand book of applied Hydrology" should be in reference books. "Water Power Engineering by Barrows" must be deleted from list of books. The list of text books should be re arranged as "1. Garg 2. Punmia 3. Arora"
10. In **Pre-Stressed Concrete (16CE3019),** "Muttu & Janarthan" book must be added in reference books.
11. In **Advanced Design of Concrete Structures (16CE3020),** "Varghese" book must be deleted from list of reference books as it is already mentioned in text books.
12. In **Ground Improvement Techniques (16CE3023),** the sub topic: Grouting of Unit-1 must be shifted to Unit-3. The sub topic: Reinforced earth should be shifted to Unit-4.

(Mr.Ch.Chandramouli) (Mr.G.Gowrishankara Rao) (Dr.Ch.Vasudeva Rao) (Mr.S.Ramlal)

(Dr.Ch.Kannam Naidu) (Dr.M.Murali) (Dr.K.Rajeswara Rao) (Dr.K.Ramu)

Date: 30.06.2018

Department of Civil Engineering

Members of Board of Studies attendance sheet

SL. NO.	NOMINATION	MEMBER	Signature
1.	Chairman(HOD)	Dr. G.T Naidu	
2.	Member from the Department	Mr.S.Ramlal	
3.	"	Dr Ch. Vasudeva Rao	
4.	"	Mr.G.Gowrishankar Rao	
5.	"	Dr.B.Visweswara Reddy	
5.	"	Mr B.Govinda Rajulu	
6.	Nominated by Academic Council	Dr G.Appa Rao Prof. in Civil Engg. (IIT, Madras)	
7.	"	Dr R. Pradeep Kumar Prof. in Civil Engg. (IIT, HYD)	
8.	"	Prof. G.V.R Srinivasa Rao Head of the Department in Civil Engg , AU	
9.	Nominated from the industry	Tarun Kumar Singha Roy Asst.Vice President Shapoorgi Pallongi and Co-Ltd. Kolakata, India	
10.	Nominated from the Student (ALUMNI)	Ms Sruthi Smitha Panda (13A51A1B6)	

G.T.P. Naidu
HOD, CIVIL
Head of the Department
Department of Civil Engg.
ADITAM, TEKKALI.

DEPARTMENT OF CIVIL ENGINEERING

Minutes of the BOS meeting Dated:30.06.2018

Agenda:

1. **Approval of AR-16, 4th Year Syllabus of B.Tech. CIVIL Engineering.**
2. **Discussion on AR 18 Regulations, B.Tech 1st year syllabus and any other points.**

Members Present:

Sl.No.	Name of the Faculty	Designation	Sign.
1	Dr. G.T Naidu	Assoc. Professor & HOD, AITAM	
2	Mr.S.Ramlal	Assoc. Professor, AITAM	
3	Dr.Ch.Vasudeva Rao	Assoc. Professor, AITAM	
4	Mr.G.Gowrishankara Rao	Assoc. Professor, AITAM	
5	Dr.B.Visweswara Reddy	Asst. Professor, AITAM	
6	Mr B.Govinda Rajulu	Asst. Professor, AITAM	
7	Ms Sruthi Smitha Panda	Student (ALUMNI)	
8	Prof. G.V.R Srinivasa Rao	Head of the Department , AU, VSKP	
9	Dr G.Appa Rao	Prof. in Civil Engg. (IIT, Madras)	

The draft syllabus is approved with the following modifications.

1. In Remote Sensing and GIS **(16CE4025)**. The reference details should be started with title of the book, authors name, publisher , city, year.
2. In Geotechnical Engineering –II **(16CE4026)**. It should have 3 lectures and 1 tutorial
3. In Managerial Economics &Financial Analysis **(16HS4004)**.
4. In Estimation and Quantity Surveying **(16CE4027)**. The topics should be elaborated in Unit-II and III. Remove Unit-V details and add DPR, accounting and billing and introduction to Valuation of buildings
5. In Advanced Surveying **(16CE4028, Elective II)**. The reference details should be started with title of the book, authors name, publisher name, city, year.
6. In Traffic Engineering **(16CE4029, Elective II)**. Add one more textbook and referred the author name Khanna & Justo

(Mr. B. Govinda Rajulu) (Dr. B. Visweswara Reddy) (Mr. G. Gowrishankara Rao)

(Dr. Ch. Vasudeva Rao) (Mr. S. Ramlal) (Dr. G.T Naidu)

(Ms. Sruthi Smitha Panda) (Prof. G.V.R Srinivasa Rao) (Dr. G.Appa Rao)

7. In Water Resources System Planning and management **(16CE4030, Elective II)**. Mention text book names and reference books.
8. In Advanced Water Resource Engineering **(16CE4031, Elective II)**. Change the title to Irrigation Structures design and drawing.
9. In Environmental Impact Assessment and Management **(16CE4032, Elective II)**. Corrected the spellings of E-I-A to EIA, E I A to EIA and protocol to protocol
10. In Employability Skills text books are Emotional Intelligence by Daniel Gold and Working with Emotional intelligence by Daniel Gold.
11. In Transportation Engineering –II **(16CE4033)**. Reference books by Veera Raghavan.
12. In Air Quality Management **(16CE4034)**. Change the title name to Air Pollution and Control and Convert Unit-V to Unit-III, Unit-III to Unit-IV, Unit-IV to Unit-V.
13. In Advanced Structural Design **(16CE4035, Elective III)**. In Unit-I remove basic design principles, Unit-II Remove basic design principles and single cell, Unit-III Analysis of frame building for earth quake loads and changed the IS code 1893-2016, Introduce Bridge components and design of slab on tee beams by IRC loading in Unit-I, In unit-IV Yield line analysis of regular slabs is introduced. SS Bhavikatti is referred as the main text book.
14. In Ground Water Development and Management **(16CE4036, Elective III)**. Unit-III title changed to Lithological studies .
15. Project management should be imposed to all the students of Civil Engineering as elective. The same has been incorporated as elective in IV-II subject Project Planning and Management **(16CE4040, Elective III)**.
16. Geotechnical Engineering –II **(16CE4026)** has been slided in place of Environmental Engineering-II **(16CE3018)** and vice versa.

Subject Code (PE-3)	Subject
	RS&GIS
	Earth quake resistant and design
	Watershed Management
	Environmental Impact Assessment

IV YEAR - II Semester

Year/Sem.	Category	Theory/Lab	L	T	P	C
IV B. Tech. (2nd Sem)	HSMC	MS & MES	3	0	0	3
	PC	Disaster Management	2	0	0	2
	PE-4	****Elective****	3	0	0	3
	Project	Internship				1.5
	Project	Project			14	7
Total			**8**	**0**	**14**	**16.5**

Subject Code (PE-4)	Subject
	Ground Improvement Techniques
	Soil Dynamics and Machine Foundations
	Ground Water Development and Management
	Prefabricated structures

	L	T	P	C
Total	107	15	85	160

17. In AR18 Regulation they suggested to add one hour extra for CEM and reduce one hour for BEEE
18. The following titles of the subjects are changed:
    - Construction Engineering materials title changed to Building Materials
    - Introduction to FM is changed to Fluid Mechanics-I
    - Introduction to SOM-I is changed to MOS-I
    - SOM lab is changed to Strength of Materials lab
    - H&HM to Fluid Mechanics-II
    - Introduction to SOM-II is changed to MOS-II
    - Structural Engineering to Structural analysis-I
    - Disaster preparedness and planning to Disaster management
19. Remove CPM and PERT from Building Planning and Drawing.
20. For BPD & CAEDP they suggested four hours and credits are reduced to 2 and 1 credit is added to CEM.

21. They suggested 3 more electives Design and drawing of irrigation structure Pre stressed concrete, Environmental Impact Assessment, Prefabricated structures.

Any other Points

Introduction of 1 credit course in III-I semester for want of credit balancing to detained students of AR13 regulations (3 students Roll no : 15A51A0107, 15A51A0110, 15A51A0135) and fallen in to AR16 regulations.

The draft course syllabus for Course code: 16CE3203: Technical seminar on "NEW CONSTRUCTION MATERIALS" is approved.

After detailed discussion among the BOS members based on the feedback by stakeholders and members of Academic Council, total 12 number of courses are introduced and approved. Out of 12 courses approved, 2 are new courses, 7 are electives and 3 are related to improve Employability/Entrepreneurship/Skill development.

G.T.P.Naidu
Dr.G.T.Naidu
Chairman (BOS) & HOD.
Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.

IV YEAR- II Semester

S. No.	Subject code	Theory / Labs	L	T	P	Marks		Credits
						Int	Ext	
1	16CE4033	Transportation Engineering –II	3	-	-	30	70	3.0
2	16CE4034	Air Pollution Control	3	0	-	30	70	3.0
3	********	**Elective III**	3	-	-	30	70	3.0
4	16CE4203	Internship	-	-	-	25	50	1.0
5	16CE4204	Project	-	-	-	60	140	6.0
Total Credits			**9**	**0**	**-**	**175**	**400**	**16.0**

Subject Code	Elective III
16CE4035	Advanced Structural Design
16CE4036	Ground Water Development and Management
16CE4037	Ground Improvement Techniques
16CE4038	Earthquake Resistant Design
16CE4039	Pavement Analysis and Design
16CE4040	Project Planning and Management

L - LECTURE HOURS/WEEK

T - TUTORIAL HOURS/WEEK

P - PRACTICAL HOURS/WEEK

AR-16 – B.Tech – CIVIL

IV Year

Air Pollution Control

Subject Code: 16CE4034
Credits: 3.0

External Marks:
Internal Marks:

COURSE OBJECTIVES:

- To explain about air pollution including Classification of sources.
- To analyze effects of air pollution and its effects on man, material and vegetation.
- To describe Ambient Air Quality Management and monitoring.
- To explain Control of particulates and equipment design.
- To explain about methods to Control of NO 2 and SO 2 emissions etc., and control measures

COURSE OUTCOMES:

- Explain about air pollution including Classification of sources.
- Analyze effects of air pollution and its effects on man, material and vegetation.
- Describe Ambient Air Quality Management and monitoring.
- Explain Control of particulates and equipment design
- Explain about methods to Control of NO 2 and SO 2 emissions etc., and control measures

UNIT-I

Air Pollution–Definitions, Scope, Significance and Episodes, Air Pollutants – Measurement of Pol... Classifications – Natural and Artificial –Primary and Secondary, point and Non- Point, Line and ... Sources of air pollution- stationary and mobile sources.

UNIT- II

Effects of Air pollutants on man, material and vegetation: Global effects of air pollution – Green H... effect, Heat Islands, Acid Rains, and Ozone Holes-Effects of art treasures.

UNIT- III

Ambient Air Quality Management – Monitoring of SPM, SO; NO and CO Stack Monitoring for the ... gases –Micro meteorological monitoring Emission Standards.

UNIT-IV

Control of particulates –Control at Sources, Process Changes, Equipment modifica... operation of control, Equipment's – Settling Chambers, Centrifugal separators, Reverse Flow ... Fabric filters – Bag House, Dry and Wet scrubbers, Electrostatic precipitators.

UNIT- V

General Methods of Control of NO_2 and SO_2 emissions – In-plant Control Measures, process ch... and wet methods of removal and recycling.

Date: 14.12.2018

Members of Board of Studies of Civil Engineering

SL. NO.	NOMINATION	MEMBER (2015-16)	Mobile Number	email
1.	Chairman(HOD)	Dr. G.T Naidu	9490753466	gtpnaaidu@gmail.com
2.	Member from the Department	Mr.S.Ramlal	9440109455	ramlalsurapu@gmail.com
3.	"	Dr Ch. Vasudeva Rao	9948144658	chvrao3@refiimail.com
4.	"	Mr.G.Gowrishankar Rao	9441080446	gowri_sankar007@rediff.com
5.	"	Dr.B.Visweswara Reddy	9490314915	bvreddy7@gmail.com
5.	"	Mr B.Govinda Rajulu	8985407626	rajubadana@gmail.com
6.	Nominated by Academic Council	Dr G.Appa Rao Prof. in Civil Engg. (IIT, Madras)	+91 - 44 - 2257 4279	garao@iitm.ac.in
7.	"	Dr R. Pradeep Kumar Prof. in Civil Engg. (IIT, HYD)	9391131199 & +914066531000	ramancharla@iiit.ac.in
8.	Nominated by University	Prof. G.V.R Srinivasa Rao Head of the Department in Civil Engg , AU	9440070909 (Mobile) (0891) 2844788 (O) (0891) 2509157 (R)	gvrsrao@gmail.com gvrsrao@hotmail.com
9.	Nominated from the industry	Tarun Kumar Singha Roy Asst.Vice President Shapoorgi Pallongi and Co-Ltd. Kolakata, India	9874177918	tarunkumar.singharoy@gmail.com
10.	Nominated from the Student (ALUMNI)	Ms Sruthi Smitha Panda (13A51A1B6)	9392042182	sruthismitha.b6@gmail.com

G.T.P. Naidu
HOD, CIVIL 14/12/18

Date: 29.12.2018

Department of Civil Engineering

Board of Studies meeting held on 29.12.2018

Members Present :

SL. NO.	NOMINATION	MEMBER	Signature
1.	Chairman(HOD)	Dr. G.T Naidu	
2.	Member from the Department	Mr.S.Ramlal	
3.	"	Dr Ch. Vasudeva Rao	
4.	"	Mr.G.Gowrishankar Rao	
5.	"	Dr.B.Visweswara Reddy	
5.	"	Mr B.Govinda Rajulu	
6.	Nominated by Academic Council	Dr G.Appa Rao Prof. in Civil Engg. (IIT, Madras)	
7.	"	Dr R. Pradeep Kumar Prof. in Civil Engg. (IIT, HYD)	
8.	"	Prof. G.V.R Srinivasa Rao Head of the Department in Civil Engg , AU	
9.	Nominated from the industry	Tarun Kumar Singha Roy Asst.Vice President Shapoorgi Pallongi and Co-Ltd. Kolakata, India	
10.	Nominated from the Student (ALUMNI)	Ms Sruthi Smitha Panda (13A51A1B6)	

HOD, CIVIL 29/12/18

29.12.2018

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF THE MEETING OF THE BOARD OF STUDIES HELD ON 29-12-2018 AT 10.30 A.M. IN THE COLLEGE CAMPUS.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

The following decisions were taken after detailed discussions among the members:

1. The members reviewed the previous minutes of the meeting and confirmed the same since no further comments were received.
2. The members discussed the Syllabus of the **2nd & 3rd B.Tech**. programmes (AR18) to be Implemented in the Academic Year 2019-20 and the same will be finalized in the next BoS meeting scheduled in the month of March/April 2019.

Meeting ended at **1.30 P.M.** with vote of thanks by the Chair followed by lunch.

G.T.P. Naidu
CHAIRMAN 29/12/18
Head of the Department
Department of Civil Engineer
AITAM, TEKKALI.

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BoS meeting Inbox ×

Civil HoD
Dear Sir, It is to inform that as per the norms of AICTE, BoS has

2

Prof.Srinivasa Rao Gvr
to me

Approved
With regards
GVR Srinivasa Rao

Civil HoD <hod.civil@adityatekkali.edu.in>
to Prof.Srinivasa

Dear Sir,
Thank you sir

Reply Forward

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BoS meeting

Inbox ×

Civil HoD

Dear Sir, It is to inform that as per the norms of AICTE, BoS has

2

Prof.Srinivasa Rao Gvr

Approved With regards GVR Srinivasa Rao

Civil HoD <hod.civil@adityatekkali.edu.in>

to Prof Srinivasa

Dear Sir,

Thank you sir

No recent chats

Start a new one

Reply Forward

Department Of Civil Engineering

Minutes of Board of studies 7th meeting of Civil Engineering Department held on 22nd March, 2019

External Members:

Sl.No.	Name of the Member	Designation	Signature
1.	Dr G.Appa Rao	Prof. in Civil Engg. (IIT, Madras)	
2.	Dr R. Pradeep Kumar	Prof. in Civil Engg. (IIT, HYD)	
3.	Prof. G.V.R Srinivasa Rao	Head of the Department , AU, VSKP	
4.	Tarun Kumar Singha Roy	Asst.Vice President Shapoorgi Pallongi and Co-Ltd. Kolakata, India	

Internal Members:

Sl.No.	Name of the Faculty	Designation	Signature
1.	Dr. G.T Naidu	Professor & HOD, AITAM	GTP Naidu
2.	Mr.S.Ramlal	Assoc. Professor, AITAM	
3.	Dr.Ch.Vasudeva Rao	Assoc. Professor, AITAM	
4.	Mr.G.Gowrisankara Rao	Assoc. Professor, AITAM	
5.	Dr.B.Visweswara Reddy	Asst. Professor, AITAM	
6.	Mr B.Govinda Rajulu	Asst. Professor, AITAM	

Student Alumni:

Sl.No.	Name of the Faculty	Designation	Signature
1.	Ms Sruthi Smitha Panda	Student (ALUMNI)	

Agenda:

- To discuss & finalize the AR-18 syllabus for II year B.Tech. (Civil engineering)
- To discuss & finalize the AR-19 course structure and syllabus for M. Tech. (Structural engineering)

Board of studies meeting is held on 22nd March 2019 at HOD's chamber of Civil Engineering department, AITAM. BoS External & Internal members are present at the meeting for finalizing the syllabus of **AR-18 II year B.Tech. (Civil Engineering), AR-19 Course structure and syllabus for for (M.Tech. Structural engineering).** Following suggestions are made during the meeting

Cont...

// 2 //

AR-18 II year B.Tech. (Civil Engineering):

1.**Mechanics of solids-I,18CET203**,suggested to add toughness topic in Unit -I,Bernouli's theory in Unit-3,add unsymmetrical bending in Unit-IV, replace book of author Beer and Johnson form references to text books and add text book of author Timoshenko.

2.**Surveying and Geomatics,18CET204** , suggested to incorporate introduction to GIS in Unit-5 and refer Surveying and leveling by R. Subramanian as text book.

3.**Concrete Technology,18CET205**, suggested to add high strength and high performance concrete in Unit -5 before light weight concrete, suggested to add NDT for Non destructive testing.

4.**Strength of Materials lab, 18CEL202**, suggested to mention tension test on mild steel and HYSD and add bending test on cantilever (steel) and determination of modulus of elasticity by conducting bending test on simply supported (wood),torsion test on mild steel bar, hardness test on steel, compression test on close coiled helical spring, compression test on wood and add compression test on brick for demonstration in lab ,deflection test on fixed beam, shear test on wood, bending test on RS joist under UTM. Suggested to specify elements of experiment.

5.**Concrete Technology Lab ,18CEL203**, advised to specify Le Chaterlier's flask for specific gravity of cement and suggested to add determination of modulus of elasticity .

6. **Engineering Geology ,18CET206**, suggested to add Engineering geology by P.K. Mukharjee as first reference book.

7.**Fluid Mechanics-II, 18CET207**, suggested to change Unit -1 to Unit-5 and the other units are same in order.

8.**Mechanics of Solids-II, 18CET208**, suggested to change order of units i.e. add principal stresses and strains after thick and thin cylinders, In Unit-IV remove types of columns, Axially loaded compression members ,Crushing load ,theory of long columns, add secant formula after Euler's formula, remove Prof. Perry's formula-Laterally loaded struts – subjected to uniformly distributed and concentrated loads- Maximum bending moment and stresses due to transverse lateral loading. In Unit-V add stresses in members subjected to eccentric loading, axial load and bending moment, add application to gravity dams and retaining walls, middle-third rule. Remove stability of dams ,retaining walls-Angle of repose-Rankine's theory of earth pressure – surcharged retaining wall and add analysis of chimneys-masonry type. Replace book of author Beer and Johnson form references to text books and add text book of author Timoshenko.

9.**Structural Analysis-I18CET209**, advised to remove Introduction to Static and Kinematic indeterminacy of beams, frames, trusses in Unit -I, modify Clapeyron's three moments theorem and remove introduction in Unit-III, Remove General theorems, Theorems relating to elastic structures in Unit-IV, Remove principal of virtual work in Unit-V. Add text book of theory of structures by author Timoshenko and Remove Analysis of Structures by T.S. Thandavamoorthy.

10.**Building planning and Drawing 18CEL204**, suggested to denote bye laws as bye-laws, Add topic of building services after bye-laws in Unit-I.

Cont...

AR-19 Course structure and syllabus for (M.Tech. Structural engineering):

In course structure:

1. Suggested to change title of Theory and Applications of Cement composites as Advanced Concrete Technology in I-I Elective-I.

2. Suggested to change title of Theory of Structural Stability to Stability of Structures in I-I Elective-I.

3. Advised to modify Advanced Concrete Lab to Advanced Concrete Technology Lab in I-I.

4. Suggested to modify Fracture Mechanics of Concrete Structures to Fracture Mechanics of Concrete in I-II Elective-5.

5. Suggested to remove Analysis of Laminated Composite Plates and add Pre-fabricated structures in I-II program elective-5

6. Suggested to change title of FEM in Structural Engineering to Finite Element Analysis.

7. Suggested to change title of Cost Management of Engineering Projects to Construction and project management in Open Elective.

In Syllabus:

1.**Advanced Structural Analysis,19MSE1001**, suggested to add Matrix Analysis of Frame Structures, Weaver and Gere and Computer Methods in Structural Analysis, MeekJ. L., E and FN, Span Publication in text books of order 1 and 2.Add text book of author Mallik and Gupta.

2.**Advanced Solid Mechanics, 19MSE1002**,suggested to change the order of text books, add Timoshenko at last .

3. 19MSE1003 2.**Theory and Applications of Cement composites,** suggested to change title as **Advanced Concrete Technology**, suggested to add design of precast, floating, fire resistance, special concrete, materials. Change syllabus from Unit-2 according to advanced concrete technology topics.3. **Theory of Structural Stability**, Change title to **Stability of structures**, modify beam columns as beam-columns.

4. 19MSE1004 2. Structural Health Monitoring , suggested to remove introduction in Unit-VI.

5. **Structural Design Lab19MSE1101**, suggested to modify one storey as design of single storey building, Drawing of structures by AutoCAD and conventional method, details as detailing and suggested to add raft foundation .

6. **Advanced Concrete Lab, 19MSE1102**, suggested to modify Advanced Concrete Lab to Advanced Concrete Technology Lab, Modify Study of stress – strain curve of High strength concrete as study stress – strain response of high strength concrete. Modify Effect of Cyclic loading on steel as Understanding cyclic loading effect on steel, Remove torsion and aggregate impact and crushing values test.

7. **FEM in Structural Engineering19MSE1005**, suggested to change title of FEM in Structural Engineering to **Finite Element Analysis**, suggested to add reference book of author R.D.Cook.

Cont...

8. **19MSE1007** 1. Advanced Steel Design, remove introduction in Unit-I and change title as Limit analysis. Include shape factor in plastic analysis in Unit-III.
3. Design of High Rise Structures, Remove introduction and add Wind loads on structures.
4. Design of Masonry Structures, Add IS CODE on masonry structures.

9. **19MSE1008,** 1. Design of Advanced Concrete Structures, Remove introduction in units and add short term and long term deflections of beams in Unit-2.Modify Redistribution of Moments as Moment redistribution and include IS CODE provisions. Add strut and tie mechanism in Unit-4. Change Reinforcement detailing in structural concrete members as yield line theory of RC slabs which includes analysis and design of regular slabs, yield line pattern of irregular slabs .Add design of corbels in Unit-4.Add reinforced concrete design text book by C.K.Wang. Change "Reinforced Concrete Design" S. Unnikrishna Pillai &Devdas Menon in references. Include IS-13920 code.
2. Advanced Design of Foundations, Add pile cap design in Unit-III, . Analytical and Computer Methods in Foundation, Bowels as first text book.
3.Soil Structure Interaction, Modify soil structure as soil-structure.
4.Design of Industrial Structure, Modify Design of Steel Structures, Subramanian as first text book.

10.**19MSE1009,** 1. Design of Prestressed Concrete Structures, suggested to add principles of prestressing-pre tensioning and post-tensioning, remove advantages and limitations, Include IS-1343 provisions, suggested to remove Methods and Systems of Prestressing in Unit-1,Modify Analysis of sections for flexure as Analysis of flexural members in Unit-III, Modify Design of Sections for Flexure and Shear as Design for flexure and shear in Unit-IV. Mention IS-1343 Method for each unit. Remove introduction and Differential shrinkage in Unit-5 and add short term and long term deflections of uncracked members. In Unit-6 suggested to modify primary and secondary moments. Prestressed Concrete by Krishna Raju-4TH EDITION.CODE:IS-1343.

2. Analysis of Laminated Composite Plates, suggested to remove this subject and add earthquake resistant design subject.

3. Fracture Mechanics of Concrete Structures, suggested to add damage tolerance analysis, fracture at atomic level, bond strength and bond energy and remove Basic Fracture Mechanics, Crack in a Structure, Mechanisms of Fracture and Crack Growth in Unit-1,Add analysis of members for discontinuities (Inglis approach) in Unit-3.In Unit-4 suggested to add Dugdale plastic zone and modify CMD as CMOD.In Unit-5 add reasons for fractures process zone, modeling, fictitious crack model, crack band model, two parameter fracture model, effective crack model and size effect model and remove other topics. In Unit-6 suggested to modified as applications to RC dams,linear and non-linear modeling of concrete and remove other topics. Elementary Engineering Fracture Mechanics, BroekDavid as first text book, Fracture Mechanics of Concrete by Shah.

G.T.P. Naidu
Chairman

Head of the Department
Department of Civil Engineering

AR-18 – B.Tech – Civil

II year I Sem

Mechanics of solids-I

Subject Code: 18CET203
Credits : 03 (2L: 1T: 0P)

External Marks: 60
Internal Marks: 40

COURSE OBJECTIVES:

Students will have

- to study the simple stresses & strains and stress-strain diagram of mild steel..
- to study the shear force and bending moments of the Simply supported, cantilever and over hanging beams for the loads of point load , UDL and UVL.
- to study the flexural stresses which include bending equation, section modulus of rectangle, circular and I sections, composite sections.
- to study the derivation of shear stress formula and shear stress distribution across various sections include rectangle, circular and I sections.
- to study the torsion of circular shafts which include, Assumptions made in the theory of pure torsion, derivation of torsion equation, torsion moment of resistance, polar section modulus, power transmitted by shafts, combined bending, torsion and end thrust, design of shafts according to theories of failure.

COURSE OUTCOMES:

Students will get ability

- Summarize and analyze simple stresses & strains of ductile materials.
- Determine the shear force and bending moments of the Simply supported, cantilever and over hanging beams under various loads.
- Assess the flexural stresses of various cross sections using simple bending theory .
- Assess the shear stresses of various cross sections .
- Describe and analyze torsion of circular shafts.

UNIT – I

Simple stresses and strains

Elasticity and plasticity – Types of stresses and strains – Hooke's law – stress – strain diagram for mild steel – Working stress – Factor of safety – Lateral strain, Poisson's ratio and volumetric strain – Elastic moduli and the relationship between them – Bars of varying section – composite bars – Temperature stresses, Resilience – Gradual, sudden, impact and shock loadings –, proof resilience

UNIT – II

Shear force and bending moment

Definition of beam –Types of supports - Types of beams – Concept of shear force(S.F.) and bending moment (B.M.) – S.F and B.M diagrams for cantilever, simply supported and overhanging beams subjected to point loads, UDL., uniformly varying loads and combination of
these loads – Point of contra flexure – Relation between S.F., B.M and rate of loading at a section of a beam.

UNIT – III

Flexural stresses:

Theory of simple bending – Assumptions – Derivation of bending equation - Neutral axis – Determination bending stresses – section modulus of rectangular, circular sections (Solid and Hollow), I, T and Channel sections –Composite sections.

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CIVIL DEPT

UNIT – IV

Shear stresses:

Derivation of formula – shear stress distribution across various beam sections like rectangular, circular, triangular, I, T and H sections, Shear center for different sections, unsymmetrical bending.

UNIT – V

Torsion of circular shafts

Theory of pure torsion – Assumptions made in the theory of pure torsion- Derivation of Torsion equation– Torsion moment of resistance – Polar section modulus – Power transmitted by shafts – Combined bending, torsion and end thrust – Design of shafts according to theories of failure

Springs

Introduction- Types of springs-Deflection of close and open coiled helical springs under axial pull and axial couple-Springs in series and parallel-Carriage of leaf springs

Text Books:

1. Introduction to text book of Strength of materials by R.K.Bansal – Laxmi publications Pvt. Ltd., New Delhi.
2.Mechanics of Solid, by Ferdinandp Beer and others – Tata Mc.Grawhill Publications,2000.
3.Introduction to text book of Strength of Material by U.C. Jindal, Galgotia publications.
4.Strength of materials by R. Subramanian, Oxford university press, New Delhi
5. Strength of materials Elementary Theory and Problems - Vol. I by Timoshenko.

Reference Books:

1. Strength of Materials by Schaum's out line series – Mc. Grawhill International Editions.
2. Strength of Materials by S. Ramakrishna and R.Narayan – Dhanpat Rai publications.
3. Strength of materials by R.K.Rajput, S.Chand & Co, New Delhi.
4. Strength of Materials by A.R.Basu, Dhanpat Rai & Co, Nai Sarah, New Delhi.
5. Strength of Materials by L.S.Srinath et al., Macmillan India Ltd., Delhi.
6. Strength of Materials by Bhavi Katti.

CO-PO, PSO Mapping

MOS-I	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	3						2		3	3		3
CO2	3	3	3	3						2		3	3		3
CO3	3	3	3	3						2		3	3		3
CO4	3	3	3	3						2		3	3		3
CO5	3	3	3	3						2		3	3		3

G.T.P. Naidu

Head of the Dept.,
Department of Civil Engineering
AITAM, TEKKALI.

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&Management
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ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
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TEQIP Funded College
Recognized by Scientific And Industrial Research Organization(SIIRO's)

Date: 16.11.2019

DEPARTMENT OF CIVIL ENGINEERING

Members of Board of Studies Attendance Sheet

Sl.No.	NOMINATION	MEMBER	Signature
1.	Chairman (HoD)	Mr. S. Ramlal	
2.	Member from the Department	Dr.B.Visweswara Reddy	
3.	"	Dr.Ch.Vasudeva Rao	
4.	"	Dr V.Sowjanya Vani	
5	"	Mr.G.Gowrisankara Rao	
6	"	Mr. B. Govinda Rajulu	
7	Nominated by Acamic Council	Dr. G.Appa Rao Prof. in Civil Engg. (IIT, Madras)	
8	"	Dr R. Pradeep Kumar Prof. in Civil Engg. (IIT, HYD)	
9	"	Prof. G.V.R Srinivasa Rao Head of the Department , AU, VSKP	
10	Nominated from the Industry	Tarun Kumar Singha Roy Asst.Vice President ShapoorgiPallongi and Co-Ltd. Kolakata, India	
11	Nominated from the Student (ALUMNI)	Ms Gunta. Prasanthi (14A51A0137)	

HoD, CIVIL
Head of the Department
Department of Civil Engineering.
AITAM, TEKKALI.

Counselling Code ADIT
TEKKALI - 532 201, Srikakulam Dist., A.P.
Tel: 08945 245666, 0 94401 95534.
Email: info@adityatekkali.edu.in
aditya_tekkali@yahoo.com
www.adityatekkali.edu.in

DEPARTMENT OF CIVIL ENGINEERING

Minutes of Board of studies 8th meeting of Civil Engineering Department held on 16th November, 2019

Members Present:

Sl.No.	Name of the Member	Designation	Signature
1.	Mr. S. Ramlal	Assoc. Professor & HOD, AITAM	
2.	Dr.B.Visweswara Reddy	Assoc. Professor, AITAM	
3.	Dr.Ch.Vasudeva Rao	Assoc. Professor, AITAM	
4.	Dr V.Sowjanya Vani	Assoc. Professor, AITAM	
5	Mr.G.Gowrisankara Rao	Assoc. Professor, AITAM	
6	Mr. B. Govinda Rajulu	Asst. Professor, AITAM	
7	Ms Gunta. Prasanthi	Student (ALUMNI)	
8	Dr. G.Appa Rao	Prof. in Civil Engg. (IIT, Madras)	
9	Dr R. Pradeep Kumar	Prof. in Civil Engg. (IIT, HYD)	
10	Prof. G.V.R Srinivasa Rao	Head of the Department , AU, VSKP	
11	Tarun Kumar Singha Roy	Asst.Vice President ShapoorgiPallongi and Co-Ltd. Kolakata, India	

Agenda:

- To discuss & finalize the AR-18 syllabus and Course Structure for III and IV year B.Tech. and Amendment of Course Structure (Civil engineering).

Board of studies meeting is held on 16th November 2019 at HoD's chamber of Civil Engineering department, AITAM. BoS External & Internal members are present at the meeting for finalizing the AR-18 syllabus and Course Structure for III and IV year B.Tech., and Amendment of Course Structure (Civil engineering) and the following suggestions are made during the meeting.

AR-18 III year B.Tech. (Civil Engineering):

1. Interchange of Environmental Engineering –I and Transportation Engineering-I III/I and IV/I.

2.Minor Project –I shifted from III/I to III/II

3. Minor Project –II shifted from III/II toVI/I

4.**Design of Concrete Structures 18CET314, suggested to rename the title to Basic Reinforced Concrete Design**

4.**Fundamentals of building planning 18IET322, suggested to rename the title to Elements of building planning**

5. Design of steel structures, 18CET317 suggested to rename the title to Basic Design of steel structures

6. Minor modification of syllabus in the following subjects

a. Environmental Engineering –I (Unit V)

b. Steel structures – I (Unit -I)

c. Advanced Structural Analysis (Unit – IV)

(Mr. B. Govinda Rajulu) (Mr.G.Gowrisankara Rao) (Dr V.Sowjanya Vani)

(Dr.Ch.Vasudeva Rao) (Dr.B.Visweswara Reddy) (Mr. S. Ramlal)

(Ms Gunta. Prasanthi) (Prof. G.V.R Srinivasa Rao) (Prof. G. Appa Rao)

Amendment & Approval of AR-18 B. Tech. CIVIL Engineering III/I, III/II & IV/I Semester Course Structure.

III YEAR - I Semester

Year/Sem.	Subject Code	Category	Theory/Lab	L	T	P	C
III B. Tech. (1st Sem)	18CET310	PC	Environmental Engineering-I	2	1	0	3
	18CET311	PC	Geotechnical Engineering-I	3	0	0	3
	18CET312	PC	Water Resources Engineering	3	0	0	3
	18CET313	PC	Structural Analysis-II	3	0	0	3
	18CET314	PC	Basic Reinforced Concrete Elements	3	0	0	3
	18IET322	IE-2	Elements of Building Planning	2	0	0	2
	18IET323		Remote Sensing				
	18CEP301	PCL	Environmental Engineering Lab	0	0	3	1.5
	18CEL307	PCL	GTE LAB	0	0	3	1.5
	18HSL302	HSMC	Professional communication Skills Lab	0	0	3	1.5
			Total	16	1	9	21.5

Interdisciplinary Elective – 2

Subject Code	Offered by Dept.	Interdisciplinary Elective – II	Offered for Dept.
18IET321	BS&H	Fundamentals of Fuzzy Logic	All
18IET322	CIVIL	Elements of Building Planning	MECH
18IET323	CIVIL	Remote Sensing	ECE/EEE/CSE/IT
18IET324	EEE	Renewable energy sources	ECE/MECH/CIVIL/CSE/IT
18IET325	MECH	Principles of Mechanical Measurements	ECE/EEE/CIVIL
18IET326	MECH	Linear programming and its Applications	CSE/IT
18IET327	ECE	Principles of communications	EEE/MECH/CIVIL/CSE/IT
18IET328	CSE	Introduction to JAVA	ECE/EEE/MECH/CIVIL
18IET329	IT	Introduction to PYTHON	ECE/EEE/MECH/CIVIL/CSE

(Mr. B. Govinda Rajulu) (Mr.G.Gowrisankara Rao) (Dr V.Sowjanya Vani)

(Dr.Ch.Vasudeva Rao) (Dr.B.Visweswara Reddy) (Mr. S. Ramlal)

(Ms Geeta Prasanthi) (Prof. G.V.S. Sowrirajan Rao) (Dr. G. Appa Rao)

III YEAR - II Semester

Year/Sem.	Subject Code	Category	Theory/Lab	L	T	P	C
III B. Tech. (2nd Sem)	18HST302	HSMC	Human Values	2	0	0	2
	18CET315	PC	Transportation Engineering-I	2	0	0	2
	18CET316	PC	Geotechnical Engineering-II	3	0	0	3
	18CET317	PC	Basic Design of Steel Structures	3	0	0	3
	18CEE311	PE-1	Advanced Design of Concrete Structures	3	0	0	3
	18CEE312		Advanced Structural Analysis				
	18CEE313		Finite Element Methods				
	18IET332	IE-3	Environmental Impact Assessment	2	0	0	2
	18IET333		GPS & Survey Methods				
	18CEP302	Project	Minor Project – 1	0	0	4	2
	18CEL308	PCL	Computer Aided Engineering Drawing and Practice Lab	0	0	3	1.5
	18CEL309	PCL	Transportation Engineering Lab	0	0	3	1.5
Total				15	0	10	20

Interdisciplinary Elective - 03

Subject Code	Offered by Dept.	Interdisciplinary Elective III	Offered for Dept.
18IET331	MBA	HRD & Organizational Behaviour	All
18IET332	CIVIL	Environmental Impact Assessment	ECE/EEE/MECH
18IET333	CIVIL	GPS & Survey Methods	CSE/IT
18IET334	EEE	Energy Audit Conservation and Management	ECE/EEE/MECH/CSE/IT
18IET335	MECH	Elements of Workshop Technology	ECE/EEE/CIVIL/CSE/IT
18IET336	ECE	Introduction to Signal Processing	EEE/MECH/CIVIL
18IET337	ECE	Fundamentals of Signals & Systems	CSE/IT
18IET338	CSE	Simulation and Modeling	ECE/EEE/MECH/CIVIL/IT
18IET339	IT	Fundamentals of Computer Graphics	ECE/EEE/MECH/CIVIL/CSE

(Mr. B. Govinda Rajulu) (Mr.G.Gowrisankara Rao) (Dr V.Sowjanya Vani)

(Dr. Ch.Vasudeva Rao) (Dr.B.Visweswara Reddy) (Mr. S. Ramlal)

(Ms [illegible] Presenthi) (Prof. G.V.R.Srinivasa Rao) (Dr. [illegible])

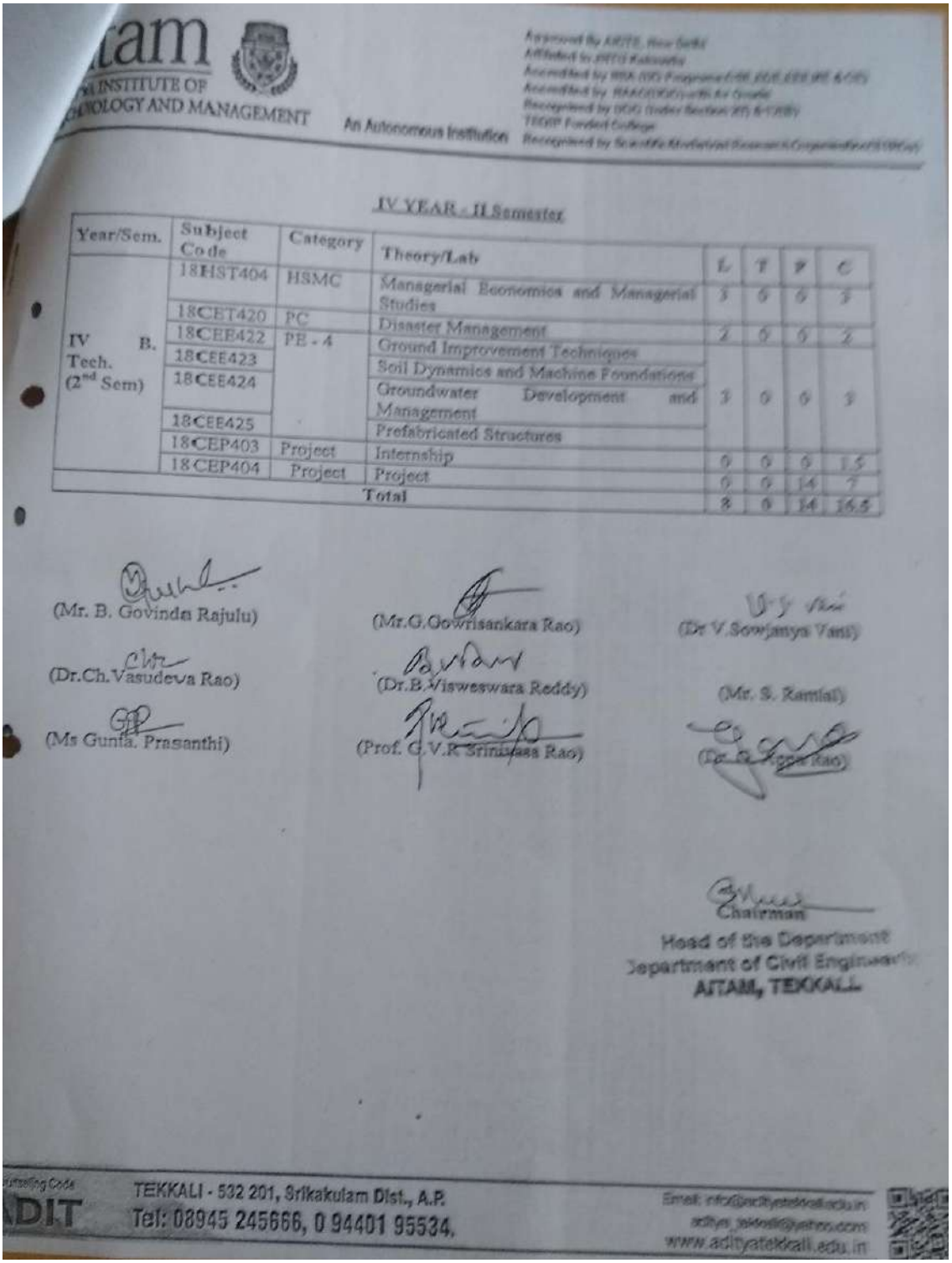
IV YEAR - I Semester

Year/Sem.	Subject Code	Category	Theory/Lab	L	T	P	C
IV B. Tech. (1st Sem)	18CET418	PC	Estimation , Costing and Quantity Surveying	2	1	0	3
	18CEE414	PE-2	Transportation Engineering-II (Railway, Airport and Docks and Harbors	3	0	0	3
	18CEE415		Pavement Analysis and design				
	18CEE416		Design and drawing of irrigation structures				
	18CEE417		Pre stressed concrete				
	18CEE418	PE-3	RS & GIS	3	0	0	3
	18CEE419		Earthquake Resistant and Design				
	18CEE420		Watershed Management				
	18CEE421		Environmental Impact Assessment				
	18CET419		Environmental Engineering - II	3	0	0	3
	18IET444	IE – 4	Geographical Information Systems (Offered for ECE/EEE/MECH/ CSE/IT)	2	0	0	2
	18HSL406	Project	Employability Skills	0	0	3	1.5
	18CEL410	PCL	Geographical Information System and Computer Aided Design lab	0	0	3	1.5
	18CEL411	Project	Minor Project – 2	0	0	6	3
			Total	**13**	**1**	**12**	**20.0**

(Mr. B. Govinda Rajulu) (Mr.G.Gowrisankara Rao) (Dr V.Sowjanya Vani)

(Dr.Ch.Vasudeva Rao) (Dr.B.Visweswara Reddy) (Mr. S. Ramlal)

(Ms Gunta. Prasanthi) (Prof. G.V.R.Srinivasa Rao) (Dr. G. Appa Rao)



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Recognized by Scientific & Industrial Research Organization (SIRO)

IV YEAR - II Semester

Year/Sem.	Subject Code	Category	Theory/Lab	L	T	P	C
IV B. Tech. (2nd Sem)	18HST404	HSMC	Managerial Economics and Managerial Studies	3	0	0	3
	18CET420	PC	Disaster Management	3	0	0	3
	18CEE422	PE - 4	Ground Improvement Techniques	3	0	0	3
	18CEE423		Soil Dynamics and Machine Foundations				
	18CEE424		Groundwater Development and Management				
	18CEE425		Prefabricated Structures				
	18CEP403	Project	Internship	0	0	0	1.5
	18CEP404	Project	Project	0	0	14	7
Total				9	0	14	16.5

(Mr. B. Govinda Rajulu)
(Mr.G.Gowrisankara Rao)
(Dr V.Sowjanya Vani)
(Dr.Ch.Vasudeva Rao)
(Dr.B.Visweswara Reddy)
(Mr. S. Ramlal)
(Ms Gunta. Prasanthi)
(Prof. G.V.R Srinivasa Rao)
(Dr. [illegible] Rao)

Chairman
Head of the Department
Department of Civil Engineering
ATAM, TEKKALI

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Tel: 08945 245666, 0 94401 95534,
Email: info@adityatekkali.edu.in
adtys_tekkali@yahoo.com
www.adityatekkali.edu.in

AR - 18

COURSE STRUCTURE AND DETAILED SYLLABUS, (III-I, III-II Sem. Syllabus)

CIVIL ENGINEERING

For

B. TECH. FOUR YEARS DEGREE PROGRAMME

(Applicable for the batches admitted from 2019-20)

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Permanently Affiliated to JNTUK, Kakinada.
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K. Kotturu, TEKKALI-532 201, Srikakulam, Andhra Pradesh

III YEAR - I Semester

Year/Sem.	Subject Code	Category	Theory/Lab	L	T	P	C
III B. Tech. (1st Sem)	18CET310	PC	Environmental Engineering-I	2	1	0	3
	18CET311	PC	Geotechnical Engineering-I	3	0	0	3
	18CET312	PC	Water Resources Engineering	3	0	0	3
	18CET313	PC	Structural Analysis-II	3	0	0	3
	18CET314	PC	Basic Reinforced Concrete Elements	3	0	0	3
	18IET322	IE-2	Elements of Building Planning	2	0	0	2
	18IET323		Remote Sensing				
	18CEP301	PCL	Environmental Engineering Lab	0	0	3	1.5
	18CEL307	PCL	GTE LAB	0	0	3	1.5
	18HSL302	HSMC	Professional communication Skills Lab	0	0	3	1.5
Total				16	1	9	21.5

Interdisciplinary Elective – 2

Subject Code	Offered by Dept.	Interdisciplinary Elective – II	Offered for Dept.
18IET321	BS&H	Fundamentals of Fuzzy Logic	All
18IET322	CIVIL	Elements of Building Planning	MECH
18IET323	CIVIL	Remote Sensing	ECE/EEE/CSE/IT
18IET324	EEE	Renewable energy sources	ECE/MECH/CIVIL/CSE/IT
18IET325	MECH	Principles of Mechanical Measurements	ECE/EEE/CIVIL
18IET326	MECH	Linear programming and its Applications	CSE/IT
18IET327	ECE	Principles of communications	EEE/MECH/CIVIL/CSE/IT
18IET328	CSE	Introduction to JAVA	ECE/EEE/MECH/CIVIL
18IET329	IT	Introduction to PYTHON	ECE/EEE/MECH/CIVIL/CSE

Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.

Date: 01.12.2020

DEPARTMENT OF CIVIL ENGINEERING

Minutes of 9th Board of studies meeting of Civil Engineering Department held on 01st December, 2020

Members Present:

Sl.No.	Name of the Member	Designation	Signature
1.	Dr. V. Chitti Babu	Professor & HoD, AITAM	
2.	Dr. P. Dinakar	Professor, AITAM	
3.	Mr. S. Ramlal	Assoc. Professor, AITAM	
4.	Dr.B.Visweswara Reddy	Assoc. Professor, AITAM	
5	Dr.Ch.Vasudeva Rao	Assoc. Professor, AITAM	
6	Dr V.Sowjanya Vani	Assoc. Professor, AITAM	
7	Mr.G.Gowrisankara Rao	Assoc. Professor, AITAM	
8	Dr. M. Balendra Mouli	Asst. Professor, AITAM	
9	Mr. B. Govinda Rajulu	Asst. Professor, AITAM	
10	Mr. T. Gnanananda Rao	Asst. Professor, AITAM	
11	Ms Gunta. Prasanthi	Student (ALUMNI)	
12	Dr. G.Appa Rao	Prof. of Civil Engg. IIT Madras	
13	Dr R. Pradeep Kumar	Prof.of Civil Engg. IIT HYDERABAD	
14	Prof. G.V.R Srinivasa Rao	Prof &Head, Civil Engg, AUCE, VSKP	

Agenda:

- To discuss & finalize IV year B.Tech AR-18 syllabus
- Course structure of AR-20
- Course contents of First year AR 20 core Civil Engineering courses.

Board of studies meeting is held on 1st December 2020 through online. BoS External & Internal members are present at the meeting for finalizing the AR-18 syllabus for IV year B.Tech., Course structure for AR-20 and course contents of first year Civil Engineering core courses. The following suggestions are made during the meeting.

- BIM contents to be included in unit V of Estimation, Costing and Quantity Surveying
- 1 or 2 days workshop should be conducted on BIM for students
- In Transporting Engineering –II course bullet trains, signaling and communication, flight radar, airport automation topics are to be incorporated
- Topic headings should be kept bold in each and every unit
- Uniformity in format of references should be maintained for all courses

- AR-20 course structure course titles for Second, Third and Final year B. Tech. has to be drafted meticulously and is to be approved in next immediate BoS meeting
- Care should be taken so that core part of civil engineering is not compromised in the framework of AR-20 course structure
- Core courses of Civil Engineering need to be incorporated in first three years of B.Tech. in AR20 course structure in view of GATE examination.
- AR-18 course contents are approved with the modifications mentioned in these minutes.
- AR-20 course structure and AR-20 course contents of first year core civil engineering courses are approved.

(Mr. T. Gnananada Rao)

(Mr. B. Govinda Rajulu)

(Dr. Balendra Mouli)

(Mr.G.Gowrisankara Rao)

(Dr V.Sowjanya Vani)

(Dr.Ch.Vasudeva Rao)

(Dr.B.Visweswara Reddy)

(Mr. S. Ramlal)

(Dr. P. Dinakar)

(Dr. V. Chitti Babu)
Chairman, BoS.
Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.

IV YEAR - I Semester

Year/Sem.	Subject Code	Category	Theory/Lab	L	T	P	C
IV B. Tech. (1st Sem)	18CET418	PC	Estimation , Costing and Quantity Surveying	2	1	0	3
	18CEE414	PE-2	Transportation Engineering-II (Railway, Airport and Docks and Harbors	3	0	0	3
	18CEE415		Pavement Analysis and Design				
	18CEE416		Design and drawing of irrigation structures				
	18CEE417		Pre stressed concrete structures				
	18CEE418	PE-3	Remote Sensing and GIS	3	0	0	3
	18CEE419		Earthquake Resistant Design of Structures				
	18CEE420		Watershed Management				
	18CEE421		Environmental Impact Assessment				
	18CET419	PC	Environmental Engineering - II	3	0	0	3
	XXXX	IE – 4	Interdisciplinary Elective – 4	2	0	0	2
	18HSL406	Project	Employability Skills	0	0	3	1.5
	18CEL410	PCL	Geographical Information System and Computer Aided Design lab	0	0	3	1.5
	18CEL411	Project	Minor Project – 2	0	0	6	3
Total				**13**	**1**	**12**	**20.0**

Interdisciplinary Elective – 4

Subject Code	Offered by Dept.	Interdisciplinary Elective – II	Offered for Dept.
18IET441	MBA	Project Management	ECE/EEE/CIVIL/CSE/IT
18IET442	MBA	Industrial Engineering and Management	MECH
18IET443	MBA	Entrepreneurial Development	ECE/EEE/MECH/ CIVIL/ CSE/IT
18IET444	CIVIL	Geographical Information System	ECE/EEE/MECH/ CSE/IT
18IET445	EEE	Power quality management	ECE/MECH/ CIVIL/CSE/IT
18IET446	MECH	Fundamentals of ROBOTICS	ECE/EEE/ CIVIL/CSE/IT
18IET447	ECE	Basics of Mobile Communications	EEE/MECH/ CIVIL
18IET448	ECE	Introduction to Wireless Networks	CSE/IT
18IET449	CSE	Introduction to Cloud Computing	ECE/EEE/MECH/ CIVIL/IT
18IET44A	IT	Introduction to DBMS	ECE/EEE/MECH/ CIVIL
18IET44B	IT	Embedded Systems	CSE

(Mr. T. Gnananada Rao)

(Mr. B. Govinda Rajulu)

(Dr. Balendra Mouli)

(Mr.G.Gowrisankara Rao)

(Dr V.Sowjanya Vani)

(Dr.Ch.Vasudeva Rao)

(Dr.B.Visweswara Reddy)

(Mr. S. Ramlal)

(Dr. P. Dinakar)

(Dr. V. Chitti Babu)
Chairman, BoS.
Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.

IV YEAR - II Semester

Year/Sem.	Subject Code	Category	Theory/Lab	L	T	P	C
IV B. Tech. (2nd Sem)	18HST404	HSMC	Managerial Economics and Managerial Studies	3	0	0	3
	18CET420	PC	Disaster Management	2	0	0	2
	18CEE422	PE - 4	Ground Improvement Techniques	3	0	0	3
	18CEE423		Soil Dynamics and Machine Foundations				
	18CEE424		Groundwater Development and Management				
	18CEE425		Prefabricated Structures				
	18CEP403	Project	Internship	0	0	0	1.5
	18CEP404	Project	Project	0	0	14	7
Total				**8**	**0**	**14**	**16.5**

(Mr. T. Gnananada Rao) (Mr. B. Govinda Rajulu) (Dr. Balendra Mouli)

(Mr.G.Gowrisankara Rao) (Dr V.Sowjanya Vani) (Dr.Ch.Vasudeva Rao)

(Dr.B.Visweswara Reddy) (Mr. S. Ramlal) (Dr. P. Dinakar)

(Dr. V. Chitti Babu)
Chairman, BoS.
Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.

AR-20

I YEAR - I Semester

Year/Sem.	Category	Code	Theory/Lab	L	T	P	C
I B. Tech. (1st Sem)	MC	20MCT101	Induction Program	3 weeks			0
	HSSC	20HST101	English	3	0	0	3
	BSC	20BST101	Linear Algebra and Calculus	2	1	0	3
	BSC	20BST106	Engineering Physics	3	0	0	3
	ESC	20ES101	Basic Electrical Engineering	3	0	0	3
	ESC	20ESL102	Workshop and Manufacturing practice	1	0	4	3
	HSSC	20HSL101	Language Proficiency Lab	0	0	3	1.5
	BSC	20BSL101	Physics Lab	0	0	3	1.5
	ESC	20ESL101	Basic Electrical Engineering Lab	0	0	3	1.5
Total				**12**	**1**	**13**	**19.5**

(Mr. T. Ghananada Rao)

(Mr. B. Govinda Rajulu)

(Dr. Balendra Mouli)

(Mr.G.Gowrisankara Rao)

(Dr V.Sowjanya Vani)

(Dr.Ch.Vasudeva Rao)

(Dr.B.Visweswara Reddy)

(Mr. S. Ramlal)

(Dr. P. Dinakar)

(Dr. V. Chitti Babu)
Chairman, BoS.
Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.

AR-20

I YEAR - II Semester

Year/Sem.	Category	Code	Theory/Lab	L	T	P	C
I B. Tech. (2nd Sem)	MC	20MCT102	Environmental Science	2	0	0	0
	BSC	20BST102	Differential Equations	2	1	0	3
	BSC	20BST107	Chemistry	3	0	0	3
	PC	20CET101	Surveying and Geomatics	3	0	0	3
	ESC	20ESI102	Programming for Problem Solving	3	0	3	4.5
	ESC	20ESL103	Engineering Graphics & Design	1	0	4	3
	BSC	20BSL102	Chemistry Lab	0	0	3	1.5
	PC	20CEL101	Surveying Lab – 1	0	0	3	1.5
Total				**14**	**1**	**13**	**19.5**

(Mr. T. Gnananada Rao) (Mr. B. Govinda Rajulu) (Dr. Balendra Mouli)

(Mr.G.Gowrisankara Rao) (Dr V.Sowjanya Vani) (Dr.Ch.Vasudeva Rao)

(Dr.B.Visweswara Reddy) (Mr. S. Ramlal) (Dr. P. Dinakar)

(Dr. V. Chitti Babu)

Chairman, BoS.
Head of the Department
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AITAM, TEKKALI

3/30/2021 ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT Mail - Confirmation of minutes of 9th BoS meeting through online

HOD Civil <hod.civil@adityatekkali.edu.in>

Confirmation of minutes of 9th BoS meeting through online

Apparao G <parao@iitm.ac.in>
To: Civil HoD <hod.civil@adityatekkali.edu.in>

Wed, Dec 2, 2020 at 11:48 AM

Fine sir.

Thanks.

APPA RAO

****
Dr. G. Appa Rao
Professor and Head of Structural Engineering Laboratory
Department of Civil Engineering
Indian Institute of Technology Madras
Chennai 600036, Tamilnadu, INDIA.
Ph. +91-44-22574279, Mobile. +91-9444047421.
****

From: Civil HoD <hod.civil@adityatekkali.edu.in>
Sent: Wednesday, December 2, 2020 11:01 AM
To: Apparao G; Ramachandra Pradeep Kumar; Prof Srinivasa Rao Gvr; gvrsrao@hotmail.com
Subject: Confirmation of minutes of 9th BoS meeting through online

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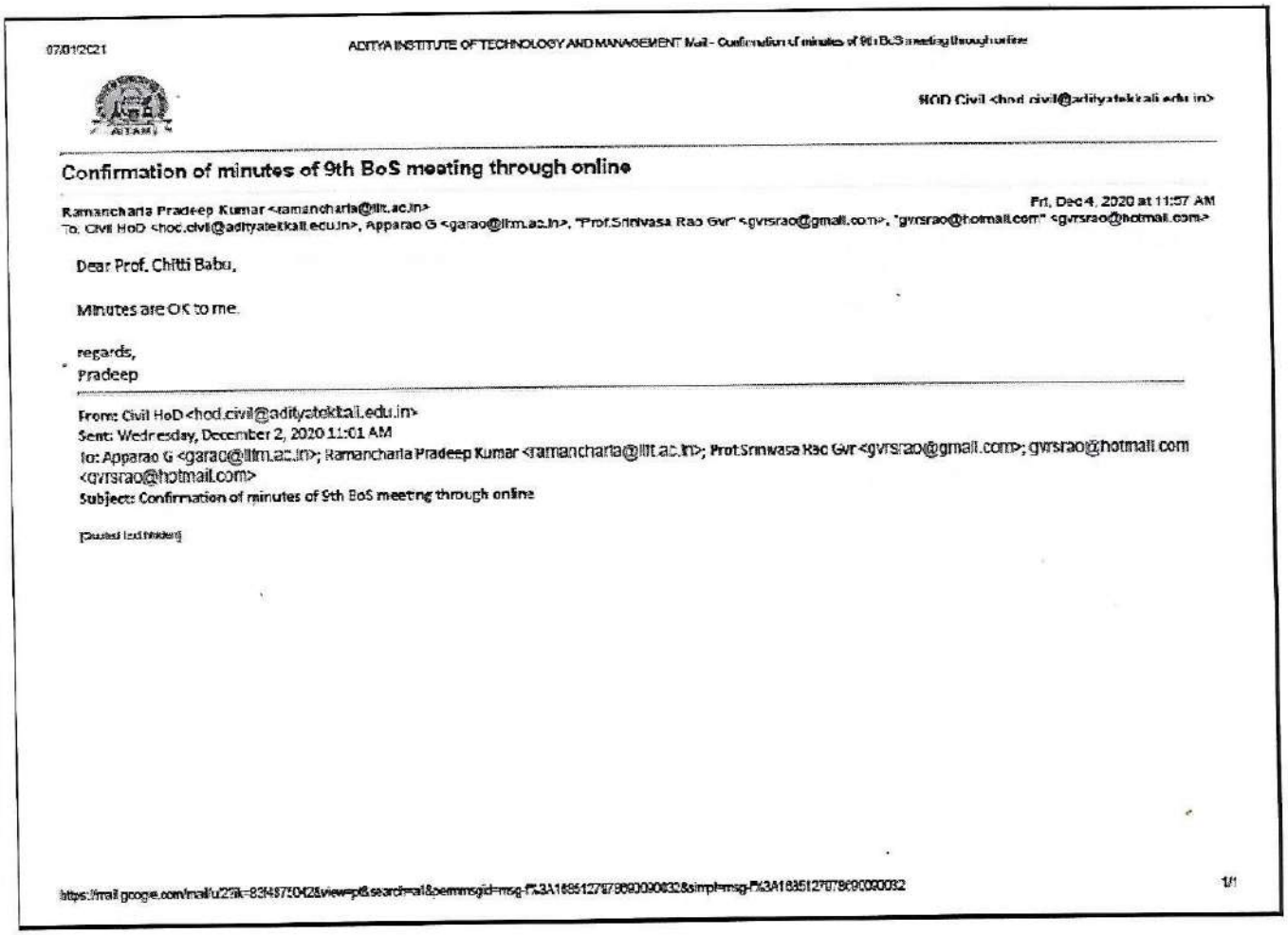
V. Chaitanya
Chairman, BoS.
Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.



07/01/2021 ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT Mail - Confirmation of minutes of 9th BoS meeting through online

HOD Civil <hod.civil@adityatekkali.edu.in>

Confirmation of minutes of 9th BoS meeting through online

Ramancharla Pradeep Kumar <ramancharla@lit.ac.in> Fri, Dec 4, 2020 at 11:57 AM
To: Civil HoD <hod.civil@adityatekkali.edu.in>, Apparao G <garao@litm.ac.in>, "Prof.Srinivasa Rao Gvr" <gvrsrao@gmail.com>, "gvrsrao@hotmail.com" <gvrsrao@hotmail.com>

Dear Prof. Chitti Babu,

Minutes are OK to me.

regards,
Pradeep

From: Civil HoD <hod.civil@adityatekkali.edu.in>
Sent: Wednesday, December 2, 2020 11:01 AM
To: Apparao G <garao@litm.ac.in>; Ramancharla Pradeep Kumar <ramancharla@lit.ac.in>; Prof.Srinivasa Rao Gvr <gvrsrao@gmail.com>; gvrsrao@hotmail.com <gvrsrao@hotmail.com>
Subject: Confirmation of minutes of 9th BoS meeting through online

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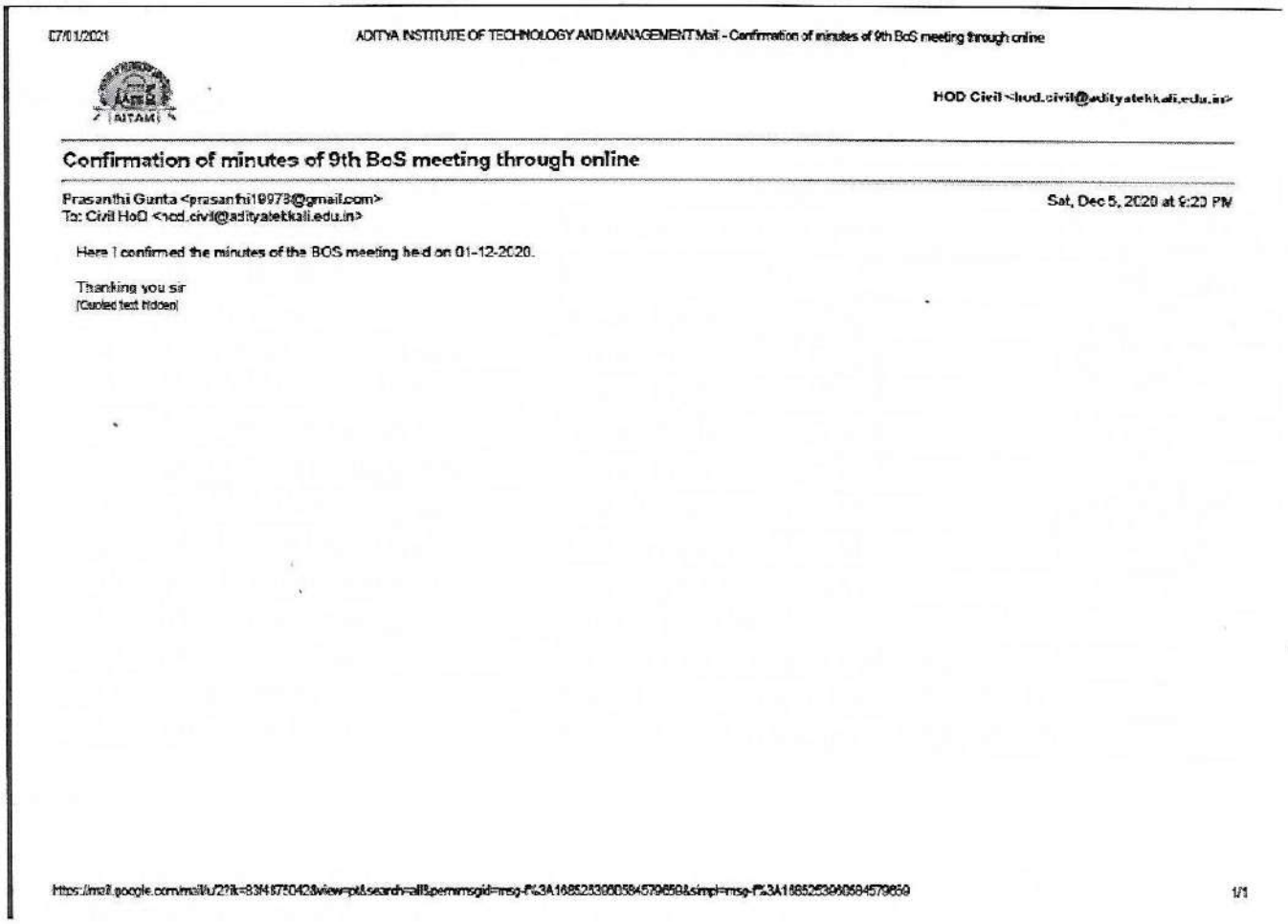
V. Chitti Babu
Chairman, BoS.
Head of the Department
Department of Civil Engineering
ADITAM, TEKKALI



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HOD Civil <hod.civil@adityatekkali.edu.in>

Confirmation of minutes of 9th BoS meeting through online

Prasanthi Gunta <prasanthi19978@gmail.com>
To: Civil HoD <hod.civil@adityatekkali.edu.in>

Sat, Dec 5, 2020 at 9:20 PM

Here I confirmed the minutes of the BOS meeting held on 01-12-2020.

Thanking you sir
[Quoted text hidden]

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V. Chittibabu
Chairman, BoS.
Head of the Department
Department of Civil Engineering
AITAM, TEKKALI.

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DEPARTMENT OF CSE

Minutes of the 1st meeting of Board of Studies of CSE Department held at 02-00 p.m. on Saturday, the 20th July,2013 in the College Campus.

Agenda:

1. To finalize the academic rules & regulations of Aditya Institute of Technology and Management
2. To discuss about the course structure of B.Tech. and M.Tech.
3. To discuss about the B.Tech. Syllabus up to II-year II-Semester
4. To discuss about the M.Tech. Syllabus up to I-year I- Semester
5. Any other points with the permission of the Chair.

Members present:

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Prof. D.T.V. Dharmajee Rao	HOD, CSE	Chairman	
2	Dr. N.B. Venkateswarlu	Sr. Professor	Faculty Member	
3	Prof. Ch. Ramesh	Professor	Faculty Member	
4	Sri U.D. Prasan	Assoc. Professor	Faculty Member	
5	Sri R. Srinivas	Assoc. Professor	Faculty Member	
6	Sri Y. Ramesh	Assoc. Professor	Faculty Member	
7	Sri M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member	
8	Sri P.K. Sahu	Assoc. Professor	Faculty Member	
9	Dr. M.M. Naidu	Professor, Dept. of CSE, VIGNAN University, Guntur	Expert member Nominated by University	
10	Dr. D.V.L.N Somayajulu	Professor, Dept. of CSE, NITW	Expert member Nominated by Academic Council	

11	Dr. P.V.G.D. Prasad Reddy	Professor, Dept. of CS&SE, AU, Visakhapatnam.	Expert member Nominated by Academic Council	
12	Dr. K. Sudheer Reddy	Principal (E&R), Infosys Ltd. , Hyd.	Expert member Nominated from Industry Related to Placements.	
13	Sri M. Koteswara Rao Komedida@in.ibm.com	IBM, Hyderabad.	Expert member Nominated from Industry Related to Placements.	

Points discussed and resolved:

1. It is resolved to refer the ACM / ABET/ IEEE for framing Course Objectives & Course Outcomes.
2. It is resolved to change the course title "Problem Solving & Computer Programming" as "Computer Programming".
3. It is resolved that Course titles should not include any tool / language name.
   ex: "OOPs through Java" to be replaced as "OOPs".
4. It is resolved that, all laboratory course titles may include language / tool names.
5. It is resolved to include "e-learning" material, like NPTEL, as a reference link in the syllabus wherever applicable.
6. It is advised to conduct practical experiments using Free Open Source Software under LINUX environment.
7. It is suggested to implement non-recursive procedures for problem solving.
8. For the benefit of students, it is recommended to introduce Advanced Lab courses in III & IV years.
9. It is suggested to have a maximum of 30 hours per week, in order to enable the student to participate in other activities.

10. It is suggested to design the list of experiments based on the concept.
11. It is resolve to have a common syllabus for CSE & IT upto II year II Sem.
12. It is resolved to separate "Digital Logic & Computer System Organization" and include "Digital Logic Design" in II-I and "Computer Organization" in II-II.
13. It is decided to shift "Operating Systems" from II-II to III-I as "Computer Organization" is included in II-II.
14. It is resolved to change the title of "Advanced Java & Web Technologies" as "Web Technologies".
15. After thorough discussion with BOS members, feedback from stakeholders and members of Academic Council, total 118(B.Tech:94, M.Tech:24) courses are approved. Out of 118 courses approved, 16(B.Tech)+2(M.Tech) are new courses, 20(B.Tech)+8(M.Tech) are professional elective courses, 9 are open elective courses and 49 are related to improve Employability/Entrepreneurship/Skill Development.

CHAIRMAN, BoS
Dept. of CSE

Head, Dept. of CSE
Aditya Institute of
Technology & Management
Tekkali-532 201, (A.P.)

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DEPARTMENT OF CSE

Minutes of the 2nd meeting of Board of Studies of CSE Department held on Saturday & Sunday, i.e., 22nd & 23rd March, 2014 in the College Campus.

Agenda:

1. To discuss & Finalize the B.Tech. CSE Syllabus of II Year & III Year.
2. Any other points with the permission of the Chair.

Members present:

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Prof. G.S.N. Murty	HOD, CSE	Chairman	
2	Dr. N.B. Venkateswarlu	Sr. Professor	Faculty Member	
3	Prof. D.T.V. Dharmajee Rao	Professor	Faculty Member	
4	Prof. Ch. Ramesh	Professor	Faculty Member	
5	Sri U.D. Prasan	Assoc. Professor	Faculty Member	
6	Sri R. Srinivas	Assoc. Professor	Faculty Member	
7	Sri Y. Ramesh	Assoc. Professor	Faculty Member	
8	Sri M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member	
9	Sri P.K. Sahu	Assoc. Professor	Faculty Member	
10	Dr. M.M. Naidu	Professor, Dept. of CSE, VIGNAN University, Guntur	Expert member Nominated by University	
11	Dr. D.V.L.N Somayajulu	Professor, Dept. of CSE, NITW	Expert member Nominated by Academic Council	22.3.14
12	Dr. P.V.G.D. Prasad Reddy	Professor, Dept. of CS&SE, AU, Visakhapatnam.	Expert member Nominated by Academic Council	
13	Dr. K. Sudheer Reddy	Principal (E&R), Infosys Ltd. , Hyd.	Expert member Nominated from Industry Related to Placements.	22/3/14
14	Sri M. Koteswara Rao	IBM, Hyderabad.	Expert member Nominated from Industry Related to Placements.	
15.	Sri M. Kalyan Chakravarthi	Member	Alumni	

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Points Discussed and Resolved During 2nd BoS Meeting held on 22nd and 23rd March 2014 at AITAM, CSE Dept.

- Suggested to include Course Objectives and Outcomes based on "Washington Accord" 12 Graduate attributes.
  - Mention Objectives & Outcomes for each unit and include at least 10 outcomes for laboratory courses.
  - Outcomes must start with Action words of Bloom's Taxonomy (like understand, Analyze, Apply, Evaluate, Synthesize etc).
- Suggested to prepare Lecture Plan, Question Papers to achieve the Course Outcomes and Evaluate grading based on weightage and map them to the Course Outcomes i.e. CO1, CO2,….
  - Inform the students about objectives & outcomes before commencement of the course.
- Resolved to specify Textbooks & Reference books names in IEEE/ACM format and to mention unit numbers of syllabus covered against each textbook.
- Resolved to include web-links for each course (like COURSE ERA, etc..) in references. It is mandatory for all laboratory courses.
- Suggested to include 1-credit weight course (to be taught by industry experts) like on Privacy, Big-data Analytics etc. in IV year.
- Suggested to include courses to improve Employability Skills/Industry readiness before III year.(to be implemented in the next regulations)
- Advised to prepare a panel of question paper setters and valuators and get it approved by BoS.
- Suggested to involve all faculty members in the BoS meetings, and conduct a two-month of orientation program for newly joined faculty.
- Suggested the faculty to teach the concepts without support of Programming Language and do not include any implementation details in the course content.
- Advised to split the 4 hours of Advanced Laboratory Course into 3+1*, *-indicating a short term training program.
- Resolved to add Security Types, Administration & Access control in DBMS Syllabus.
- Suggested to include Chapter 1 of "Farouzen" Text Book into Unit I of Computer Networks syllabus.
- Suggested to Change Operating System syllabus according to "Galvin" Text Book.
- Suggested to move OS to II year II Semester and SE to III year.(To be implemented in the Next Regulations)
- Suggested to Group Similar Programs in laboratory courses as a single experiment and include at least 12 experiments in the Syllabus.
- Suggested to Implement CD laboratory course using Unix Platform.
- Suggested to add advanced concepts like Big-data Analytics, No SQL, Cap Theorem, Map reduce, Hadoop tool, Cloud, etc. in "Advanced Databases", as a separate unit.
- Suggested to device a conversion Formula from CGPA to Percentage.

Chairman, BoS

Head of hte Department
Dept. of C.S.E.
Aditya Institute of
Technology & Management
TEKKALI - 532 201

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DEPARTMENT OF CSE

Minutes of the 3rd meeting of Board of Studies of CSE Department held on Saturday & Sunday, i.e. 02nd & 03rd January , 2016 in the College Campus.

Agenda:

1. To discuss & finalize the B.Tech. IV Year Syllabus of AR13 Regulation.
2. To discuss & finalize the academic rules & regulations of AR16.
3. To discuss & finalize the Course Structure of B.Tech. and M.Tech. of AR16.
4. To discuss & finalize the B.Tech. Syllabus up to II Year – II Semester and M.Tech. Syllabus of AR16.
5. Any other points with the permission of the Chair.

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Dr. G.S.N. Murty	HOD, CSE	Chairman	
2	Dr. N.B. Venkateswarlu	Sr. Professor	Faculty Member	
3	Prof. D.T.V. Dharmajee Rao	Professor	Faculty Member	
4	Dr. Ch. Ramesh	Professor	Faculty Member	
5	Sri U.D. Prasan	Assoc. Professor	Faculty Member	
6	Sri R. Srinivas	Assoc. Professor	Faculty Member	
7	Sri Y. Ramesh	Assoc. Professor	Faculty Member	
8	Sri M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member	
9	Sri P.K. Sahu	Assoc. Professor	Faculty Member	
10	Sri S. Vishnu Murthy	Assoc. Professor	Faculty Member	
11	Dr. D. Rajya Lakshmi	Professor & Head, Dept. of CSE, JNTUK-VZM Campus.	Expert member Nominated by University	
12	Dr. D.V.L.N. Somayajulu	Professor, Dept. of CSE, NIT – Warangal.	Expert member Nominated by Academic Council	
13	Dr. R. Govinda Rajulu,	Professor, IIIT – Hyderabad,	Expert member Nominated by Academic Council	
14	Mr. Ajay Reddy,	Vice President at Capgemini India Pvt Ltd	Expert member Nominated from Industry Related to Placements	
15	Mr. K Tata Rao	Mobodexter Software India Pvt. Ltd., Bangalore.	PG Alumni	

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Minutes of 3rd BoS Meeting of Department of CSE, Scheduled on 2nd and 3rd January 2016

Resolutions with regard to B.Tech IV Year Syllabus of AR13 Regulations

- Resolved to include some case studies on real time operating systems in the course Advanced Operating systems.
- Resolved to include the book on Distributed O.S written by tanenbaum as one of the reference books for Advanced operating systems(AOS)
- Resolved to add some concepts in E-commerce to touch the underlying technology and also some real time case studies to be included.(Example Amazon.com)

Suggestions with regard to B.Tech IV Year Syllabus of AR13 Regulations

- The MOOC(Massive Open Online Course) should consists of specific course titles and evaluation process should be specified.
- The OSS lab experiments must be adjusted according to the available Lab sessions.
- The electives should be offered such that the students get a chance to upgrade their knowledge , domain wise.

Resolutions with regard to Course Structure of B.Tech and M.Tech , AR16

- Resolved to add some problem solving experiments in Computer Programming Lab of B.Tech
- Resolved to include concepts on program development steps in Computer programming(CP) course of B.Tech
- Resolved to remove Web Page Design Lab in I-II B.Tech
- Resolved that in II B.Tech I semester, Computer Organization (CO) must be offered as a mandatory course not as choice based course.
- Resolved to include Principles of Programming Languages (PPL) as a mandatory course in II B.Tech.

- Resolved to offer Operating Systems prior to Software Engineering.
- Resolved to shift, Network Design Router Configuration (NDRC) III-I B.Tech to next semester as Computer Networks(CN) is a prerequisite for NDRC.
- Resolved to remove Microprocessors and Multi Core systems in III-II B.Tech
- Resolved to rename Data Analytics as Data Intelligence and Analytics In IV-I B.Tech.
- Resolved to Include a course called Software product Design and Management(SDM) as one of the elective courses in B.Tech and the BoS Expert member from industry Sri Ajay Reddy, Vice President ,Capgemini India Pvt Ltd., agreed to deploy resource persons to train the faculty members in this area.
- Resolved to Introduce Software Quality Management (SQM) as an elective in B.Tech
- After thorough discussion with BOS members, feedback from stakeholders and members of Academic Council, total **134(B.Tech:*107, M.Tech:27)*** courses are approved. Out of **134** courses approved, ***14(B.Tech)+4(M.Tech)*** are new courses, ***12(B.Tech) + 12(M.Tech)*** are professional elective courses, ***30*** are open elective courses and ***51*** are related to improve Employability/Entrepreneurship/Skill Development.

Suggestions with regard to Course Structure of B.Tech and M.Tech , AR16

- Split the B.Tech BEEE (Basic Electrical and Electronics Engineering) into two courses namely Basic Electronics Engineering and Basic Electrical Engineering.
- Few changes in B.Tech MFCS are suggested. Accepted by the concerned course coordinator.
- Advanced Data Structures course of B.Tech may be merged with Data Structures
- Implementation language of Data Structures(DS) may be left to the choice of faculty/students
- Few changes in FLAT(Formal Languages and Automata Theory) suggested and Accepted by the concerned course coordinator
- Follow Proper format for writing Prescribed and reference books (ACM)
- In II B.Tech II semester, few changes are suggested in Software Engineering and accepted by Course coordinator.
- In orientation programmes, awareness among students to be created on what is science, engineering and technology
- Prerequisites for few generic course should be specified if necessary
- Course Structure of B.Tech represents 6(Theory) + 3 (Labs) pattern which looks heavy load on student and needs to be adjusted if possible.
- Suggested to introduce some advanced courses in M.Tech.

3/11/2016

Dr.G.S.N Murty
HOD,CSE & Chairman,BoS

Head, Dept. of CSE
Aditya Institute of
Technology & Management
Tekkali-532 2..., A.P.

DEPARTMENT OF CSE

Minutes of the 4th meeting of Board of Studies of CSE Department held on Saturday & Sunday i.e. 28th & 29th January , 2017 in the College Campus.

Agenda:

1. To discuss & finalize the B.Tech. III Year Syllabus of AR16 Regulation.
2. To discuss & finalize the syllabus of Open Electives offered by CSE to other Departments. (AR-16 Regulation).
   - Open Elective-III (Social Networks)
   - Open Elective -IV (Simulation & Modeling)
3. To discuss & finalize the Electives offered by CSE to other Departments. (AR-16 Regulation)
   - COA (ECE Dept. 3-1)
   - Java Programming(Mech. Dept. 3-2)
4. Any other points with the permission of the Chair.

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Dr. G.S.N. Murty	HOD, CSE	Chairman	
2	Dr. D V L N Somayajulu	Professor in CSE, Chair, Electronics & ICT Academy, NIT Warangal.	Expert member Nominated by Academic Council	
3	Dr. R. Govinda Rajulu	Professor, IIIT – Hyderabad	Expert member Nominated by Academic Council	—
4	Dr. D. Rajya Lakshmi	Professor in CSE & Vice Principal (Academics), UCEN, JNTUK, Narasaraopet.	Expert member Nominated by University	
5	Mr. Ajay Reddy	Vice President at Capgemini India	Expert member Nominated from Industry Related to Placements	—
6	Prof. P S S Raju	Professor & Head-CSE, MVGR College of Engineering, Vizianagaram.	Special Invitee	
7	Mr. K Tata Rao	TCS, Hyderabad.	PG Alumni	—

Contd. 2....

8	Dr. Srinivas Prasad	Professor & Head, CSE Dept., GMRIT, RAJAM.	Special Invitee	
9	Prof. D.T.V. Dharmajee Rao	Professor	Faculty Member	
10	Dr. Ch. Ramesh	Professor	Faculty Member	
11	Dr. G. Nageswara Rao	Professor	Faculty Membes	
12	Dr. U.D. Prasan	Professor	Faculty Member	
13	Sri R. Srinivas	Assoc. Professor	Faculty Member	
14	Sri Y. Ramesh	Assoc. Professor	Faculty Member	
15	Sri M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member	
16	Sri P.K. Sahu	Assoc. Professor	Faculty Member	
17	Sri S. Vishnu Murthy	Assoc. Professor	Faculty Member	

Contd. 3....

MINUTES OF THE MEETING OF 4th BOARD OF STUDIES (BOS)

Suggestions/Resolutions with regard to III B.Tech I semester syllabus of AR16 Regulations

- In case of Self Study Course, it is suggested to give a list of online courses; .The student may register for online course and has to submit report at the end of the semester.
- It is suggested to request other departments to offer relevant courses as Open Electives like Optimization Techniques (Mech Dept), GIS (Civil), Operations Research (Mech.), Wireless Sensor Networks (ECE), Linear Algebra (BS&H), MEFA (MBA), Microprocessors(ECE) etc.,
- It is advised to introduce event driven programming and cover generics in java programming, Remove the prescribed book by E Balagurusamy and introduce "thinking in java" by Bruce Eckel.
- It is advised to make the experiments more generic in various labs.

Suggestions/Resolutions with regard to III B.Tech II semester syllabus of AR16 Regulations

- Resolved to include Artificial Intelligence in the place of Computer Graphics and Computer Graphics can be chosen as Open Elective..
- Resolved to make Software testing as a compulsory subject in place of Cryptography & Cyber Security
- Resolved to Introduce Software testing CASE tools lab in place of Cryptography and Cyber security lab.
- It is advised to move the Cryptography & Cyber Security as a discipline elective in IV Year I semester
- Resolved to Change title "IT infrastructure management" as "IT systems management" in Open Elective-IV.
- It is suggested to add few experiments on AJAX and Web services in WT lab
- It is suggested to change the title of Advanced Data bases as Distributed Data bases and remove OODB.
- It is resolved to include process diagrams, Data flow models, disaster management etc. in MIS (Open Elective-IV) and E-Commerce unit may be removed.

General Suggestions:

- Avoid too many prescribed and reference books. Prescribed books must be 1 or 2 and reference books must be 2.
- Use latest edition books as reference and prescribed books.
- Within the syllabus, write the author name/text book from which those topics are covered.
- Write web links in references.
- Use Pedagogy research tool developed by IIT Kharagpur for writing Course Outcomes effectively .This tool can be downloaded freely.
- Utilize more people from industry to teach practical stuff like programming to the students.
- Questions papers must be set to map COs.

Dr. G S N Murty
HOD, CSE & Chairman, BOS
Head, Dept. of CSE

DEPARTMENT OF CSE

Minutes of the 5th meeting of Board of Studies of CSE Department held on Saturday i.e. 30th June, 2018 in the College Campus.

Agenda:

1. To discuss & finalize the B.Tech AR-18 Academic Regulations, Course Structure and First Year Syllabus
2. To discuss & finalize the B.Tech. IV Year Syllabus of AR-16 Regulations.
3. To discuss & finalize the syllabus of Open Electives offered by CSE to other Departments. (AR-16 Regulation).
   - Open Elective -V (Introduction to Cloud Computing))
4. To discuss & finalize the Electives offered by CSE to other Departments. (AR-16 Regulations)
   - DBMS (4-1 Mech Dept.) and CN, ACA(4-1 ECE Dept.)
5. Any other points with the permission of the Chair.

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Dr. G.S.N. Murty	HOD, CSE	Chairman	
2	Dr. D.V.L.N. Somayajulu	Professor, Dept. of CSE, NIT - Warangal	Expert member Nominated by Academic Council	
3	Prof. M.V. Panduranga Rao	Head-CSE Dept. IIT Hyderabad	Expert member Nominated by Academic Council	
4	Dr. M.H.M. Krishna Prasad	Professor, Dept. of CSE, JNTUK- Kakinada Campus	Expert member Nominated by University	
5	Sri Aravind Unnikrishnan	Delivery Head, TCS Hyderabad	Expert member Nominated from industry Related to Placements	
6	Prof. P S S Raju	Professor & Head-CSE, MVGR College of Engineering, Vizianagaram.	Special Invitee	
7	Mr. K Tata Rao	TCS, Hyderabad.	PG Alumni	—

Contd. 2....

MINUTES OF THE MEETING OF 5th BOARD OF STUDIES (BoS)

Resolutions/Recommendations with regard to course structure and syllabus of AR18 Regulations

- Resolved to change the title of "Calculus and Algebra" as "Linear Algebra & Calculus" and add more concepts on Linear Algebra.
- Recommended to prescribe standard text books for the course "Programming for problem solving".
- Suggested to add Volume1 and Volume2 by Knuth in references for the course "Data structures and Algorithms".
- Resolved to reduce the lecture hours for FOSS.
- Recommended to use Pearl versions 6 and above for FOSS lab.
- Resolved to replace Fundamentals of Material Science with "Engineering Optimization Techniques" in Open Elective -I.
- Resolved to shift DAA from 3-1 to 2-2 and FLAT from 2-2 to 3-1.
- Resolved to Change the title "Artificial Intelligence" to "Artificial Intelligence and Machine learning".
- Resolved to Change "Machine Learning" to "Advanced Machine Learning" in Professional Elective-II.
- Suggested to add Professional Electives like Software Testing Methodology, Cyber Security etc.
- Resolved to Replace "Queuing theory and modeling" with "Simulation and Modeling" in Professional Elective-IV.
- Resolved to rename "Soft Computing" as "Soft Computing Techniques"
- It is advised to Change Internship as Internship/Certified Industry course.
- After thorough discussion with BOS members, feedback from stakeholders, members of Academic Council and based on AICTE Model Curriculum for B.Tech program, total **121** courses are approved. Out of **121** courses approved, ***09*** are new courses, **24** are professional elective courses, ***40*** are open elective courses and **48** are related to improve Employability/Entrepreneurship/Skill Development.

Resolutions/Recommendations with regard to IV Year Syllabus of AR16 Regulations.

- It is advised to write the text book1 at the end in the course IP.
- It is suggested, not to mention Data set names in Unit-5 of Data Analytics Course.
- It is advised to add a link of "data science for engineers by IIT Madras" in the course "Data Analytics".
- It is suggested to add some concepts on "Tech Writing" (Refer IIT Guwahati) in the course "Human Computer Interaction (HCI)".

General suggestions given by the Expert Members:

- Distinction should not be awarded to backlog students.
- Out of six professional electives, two may be offered as MOOC courses. The students must obtain certificate through proctored examination.
- Set up "High Performance Computing (HPC)" and IOT Labs.
- COs must be written as per syllabus and not unit-wise.
- COs must start with action verbs.
- Suggested to prescribe standard text books.

HOD, CSE

Dr.G.S.N Murty
HOD,CSE & Chairman, BoS

MEMBERS OF BOARD OF STUDIES (BoS)

Branch – Computer Science & Engineering (CSE)

(2018-19 to 2020-21)

Sl.No	Name of the Member	Designation	Nomination
1.	Dr. G.S.N.Murty	Chairman	HOD
2.	Professors & Assoc.Professors	Members	Faculties
3.	Dr. D.V.L.N. Somayajulu NIRW	Member	Expert Member nominated by Academic Council
4.	Prof. M.V.Panduranga Rao IITH	Member	Expert Member nominated by Academic Council
5.	Dr. M.H.M. Krishna Prasad JNTUK	Member	Expert Member nominated by University
6.	Sri Aravind Unnikrishnan TCS	Member	Expert Member Nominated from Industry
7.	K. Tata Rao TCS	Member	Alumni

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TEKKALI

25/6/18

DEPARTMENT OF CSE

Minutes of the 6th meeting of Board of Studies of CSE Department held on Saturday i.e. 29th Dec, 2018 in the College Campus.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

Sl No	Name of the Member	Designation	Nomination	Signature
1	Dr. G.S.N. Murty	HOD, CSE	Chairman	
2	Prof. D.T.V. Dharmajee Rao	Professor	Faculty Member	
3	Dr. Ch. Ramesh	Professor	Faculty Member	
4	Dr. U.D. Prasan	Professor	Faculty Member	
5	Dr. T P R Vital	Assoc. Professor	Faculty Member	
6	Sri R. Srinivas	Assoc. Professor	Faculty Member	
7	Sri Y. Ramesh	Assoc. Professor	Faculty Member	
8	Sri M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member	
9	Sri P.K. Sahu	Assoc. Professor	Faculty Member	
10	Sri S. Vishnu Murthy	Assoc. Professor	Faculty Member	

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The following decisions were taken after detailed discussions among the members:

1. The members reviewed the previous minutes of the meeting and confirmed the same since no further comments were received.

2. The members discussed the Syllabus of the **2nd & 3rd B.Tech**. programmes (AR18) to be Implemented in the Academic Year 2019-20 and the same will be finalized in the next BoS meeting scheduled in the month of March/April 2019.

Meeting ended at 1.30 P.M. with vote of thanks by the Chair followed by lunch.

29/1/19

Dr.G.S.N Murty
HOD,CSE & Chairman, BoS
Head, Dept. of CSE
Aditya Institute of
Technology & Management
Tekkali-532 201, (A.P.)

DEPARTMENT OF CSE

Minutes of the 7th meeting of Board of Studies of CSE Department held on Saturday i.e. 16th March, 2019 in the College Campus.

Agenda:

1. To discuss & finalize the B.Tech AR-18 Second Year Syllabus
2. To discuss & finalize the M.Tech AR-19 Course Structure, Regulations and Syllabus.
3. To discuss & finalize the syllabus of Open Electives offered by CSE to other Departments. (AR-18 Regulation).
   - Open Elective -I (Unix Utilities)
4. Any other points with the permission of the Chair.

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Dr. G.S.N. Murty	HOD, CSE	Chairman	
2	Dr. D.V.L.N. Somayajulu	DIRECTOR, IIITDM, KURNOOL	Expert member Nominated by Academic Council	
3	Prof. M.V. Panduranga Rao	Head-CSE Dept. IIT Hyderabad	Expert member Nominated by Academic Council	
4	Dr. M.H.M. Krishna Prasad	Professor, Dept. of CSE & Vice-Principal JNTUK- Kakinada Campus	Expert member Nominated by University	
5	Sri Aravind Unnikrishnan	Delivery Head, TCS Hyderabad	Expert member Nominated from Industry Related to Placements	
6	Prof. P S S Raju	Professor & Head-CSE, MVGR College of Engineering, Vizianagaram.	Special Invitee	
7	Mr. K Tata Rao	Teradata India Pvt. Ltd., Hyderabad.	PG Alumni	

Contd. 2....

8	Prof. D.T.V. Dharmajee Rao	Professor	Faculty Member	
9	Dr. Ch. Ramesh	Professor	Faculty Member	
10	Dr. U.D. Prasan	Professor	Faculty Member	
11	Dr. T P R Vital	Assoc. Professor	Faculty Member	
12	Sri R. Srinivas	Assoc. Professor	Faculty Member	
13	Sri Y. Ramesh	Assoc. Professor	Faculty Member	
14	Sri M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member	
15	Sri P.K. Sahu	Assoc. Professor	Faculty Member	
16	Sri S. Vishnu Murthy	Assoc. Professor	Faculty Member	

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Minutes of the Meeting of 7th Board of Studies (BoS) held on 16th March 2019

Resolutions/Recommendations with regard to II Year Syllabus of B.Tech-AR18 Regulations

II B. Tech. I Semester

- It is recommended to mention the year of publication of the text books wherever it is missing.
- It is advised to swap the reference text book-1 and prescribed text book-2 in the OOPs course and frame the course outcomes using Bloom's action verbs.
- It is advised to swap the reference text book-1 and prescribed text book-2 in the DLD course

II B. Tech. II Semester

- It is resolved to include a few experiments on "cross-validation and regression methods" in the course "Statistical Learning Using R Lab".
- It is resolved to include a few concepts related to computer architecture in the course "Computer Organization and Architecture ".
- It is resolved to include a few concepts related to I/O Management in the course "Operating Systems".
- It is recommended to include a few case studies in DBMS Laboratory.

Resolutions/Recommendations with regard to M.Tech Course Structure and Syllabus-AR19 Regulations

I M. Tech CSE I Semester

- It is resolved to change the course title "advanced data structures" as "advanced algorithms and design" and include a few concepts related to basic data structures and the rest is on advanced data structures and algorithms.
- It is suggested to club the program elective-1 & 2 into a single list and student can choose any two from that list as elective-1 & 2.
- It is suggested to include half of the experiments on advanced data structures and rest is on algorithms in the course "advanced algorithms and design lab".

Contd. 4....

- It is resolved that w.r.t program elective lab, the experiments will be framed by the faculty prior to the course commencement.
- It is resolved to shift Machine Learning of Program Elective-1to II-Semester as a Program Core-III and also include machine learning lab as a program core lab.
- It is recommended to include following new courses in the list of program elective-1 & 2
  1. Multi-core Computing
  2. Cryptography and Network Security

I M. Tech CSE II Semester

- It is resolved to offer OOSE as a program core-IV in place of soft computing and soft computing is to be offered as a program elective in I- Semester.
- It is suggested to club the program elective-3,4 and 5 in to a single list and student can choose any three from that list as elective-3,4 & 5.
- It is suggested to shift "mobile applications and services" from program elective-4 to I- Semester Program electives.
- It is recommended to change the course title of computer vision as computer vision and image processing and content is prepared three units each.
- It is recommended to include following new courses in the list of program elective-3, 4 and 5.
  1. Cloud computing
  2. Sensor networks and Internet of Things (IoT)
  3. Bigdata Analytics
  4. Software Testing Methodologies (STM)
- After thorough discussion with BoS members, feedback from stakeholders, members of academic council and based on AICTE Model Curriculum for **M.Tech** program, total **21** courses are approved. Out of **21** Courses Approved, **4** Program Core Courses, **5** Program Elective Courses, **1** Open Elective, **2** Audit Courses, 3 Lab Course, Technical Seminar, Mini Project and Dissertation (two phases).

16/2/19

Dr.G.S.N Murty
HOD,CSE &Chairman, BoS

HOD, CSE

DEPARTMENT OF CSE

Minutes of the 8th meeting of Board of Studies of CSE Department held on Saturday i.e. 16th November, 2019 in the College Campus.

Agenda:

1. To discuss & finalize the B.Tech AR-18 III Year Syllabus
2. To discuss & finalize the III Year B.Tech syllabus of Interdisciplinary Electives (IDE) offered by CSE to other Departments. (AR18 Regulation).
   - Introduction to Java
   - Simulation and Modeling
   - Competitive Coding – I & II (for CSE & IT)
   - Competitive Programming – I & II(for other branches)
3. Any other points with the permission of the Chair.

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Dr. G.S.N. Murty	HOD, CSE	Chairman	
2	Dr. D.V.L.N. Somayajulu	DIRECTOR, IIITDM, KURNOOL	Expert member Nominated by Academic Council	16/11/19
3	Prof. M.V. Panduranga Rao	Head & Assoc. Professor CSE Dept. IIT Hyderabad	Expert member Nominated by Academic Council	
4	Dr. M.H.M. Krishna Prasad	Professor, Dept. of CSE & Vice-Principal JNTUK- Kakinada Campus	Expert member Nominated by University	16/11/19
5	Sri Aravind Unnikrishnan	Delivery Head, TCS Hyderabad	Expert member Nominated from Industry Related to Placements	
6	Prof. P S S Raju	Dean, MVGR College of Engineering, Vizianagaram.	Expert Member	
7	Mr. K Tata Rao	Teradata India Pvt. Ltd., Hyderabad.	PG Alumni	

Contd. 2....

8	Dr. Ch. Ramesh	Professor	Faculty Member	
9	Dr. U.D. Prasan	Professor	Faculty Member	
10	Prof. D.T.V. Dharmajee Rao	Professor	Faculty Member	
11	Dr. K. Yogeswara Rao	Assoc. Professor	Faculty Member	
11	Dr. T P R Vital	Assoc. Professor	Faculty Member	
12	Dr. Ch. Dhanunjaya Rao	Assoc. Professor	Faculty Member	
13	Dr. Janmenjoy Nayak	Assoc. Professor	Faculty Member	
14	Sri R. Srinivas	Assoc. Professor	Faculty Member	
15	Sri Y. Ramesh	Assoc. Professor	Faculty Member	
16	Sri M.V.B. Chandra Sekhar	Assoc. Professor	Faculty Member	
17	Sri P.K. Sahu	Assoc. Professor	Faculty Member	
18	Sri S. Vishnu Murthy	Assoc. Professor	Faculty Member	

Contd. 3....

MINUTES OF THE MEETING OF BOARD OF STUDIES (BOS) IN COMPUTER SCIENCE AND ENGINEERING HELD ON 16th November 2019(Saturday) at 10am IN THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING .

Resolutions with regard to Syllabus of III B.Tech I & II Semester AR18 Regulations

Resolved to change the titles of "Introduction to JAVA" as "Java Programming "and Introduction to PYTHON as "PYTHON Programming in Interdisciplinary Elective –II.

Resolved to change Units 4 and 5 by Including Machine Learning concepts in the Artificial Intelligence & Machine Learning course of III Year I Semester.

Resolved to avoid repetition of Discrete Mathematics concepts in Graph Theory (Professional Elective-I). Add concepts related to Graph Theory.

Suggestions with regard to Syllabus of III B.Tech I & II Semester AR18 Regulations

Modify the COs using action verbs in few courses like Social Networks, AI&ML, etc.,

Introduce few courses as part of Interdisciplinary Elective for competitive coding to accelerate students, based on the Industry need.

In the Professional Electives, add some courses related to latest trends in the Industry .Example: User Interface Development, Full stack development, Dev Apps, Entrepreneur Mobility Management, Digital Technologies etc.,

Make sure that concepts like recurrence relations and generating functions are covered in Discrete Mathematics itself.

Suggested to implement advanced concepts like Machine Learning, Artificial Intelligence etc., as a CASE Study as part of Mini Project I & II.

Write the Edition and Year of publication for all prescribed books.

In the Lab courses, every year, add some latest experiments

In the Core Courses, important concepts may be focused based on feedback from industry experts.

Form student technical association, so that the seniors can train juniors on latest technologies.

16.11.19

Dr. G S N Murty
Chairman, BOS & HOD, CSE

Head, Dept. of CSE
Aditya Institute of
Technology & Management
Tekkali-532 201, (A.P.)

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DEPARTMENT OF CSE

Minutes of the 9th meeting of Board of Studies of CSE Department held on Thursday i.e. 26th November, 2020 through **Zoom Online Platform** with following Link.

Topic: 9th BOS Meeting
Time: Nov 26, 2020 02:30 PM India
Join Zoom Meeting:
https://zoom.us/j/96372167619?pwd=dEZsc2JBbkNPV2tyUnZGK3R1OHZ0QT09
Meeting ID: 963 7216 7619
Passcode: 385571

Agenda:

- To Discuss and Finalize AR18- IV Year B.Tech Syllabus.
- To discuss and Finalize the syllabus of Interdisciplinary Electives(IDE-IV) offered by CSE to other departments –AR18-B.Tech
  * Introduction to Cloud Computing (4-1)
- To Discuss and Finalize the Course Structure(First Year and Template for the II,III and IV Year), Regulations and First Year Syllabus of AR20 based on the APSCHE model curriculum including **B.Tech Honors/Minor with additional 20 credits**
- Any other points with the permission of Members.

Members Present:

1.	**Dr. G.S.N. Murty,**	**AITAM**	**Chairman**
2.	**Prof. M.V. Panduranga Rao,**	**IIT Hyderabad**	**Member**
3.	**Dr. M.H.M. Krishna Prasad,**	**UCEK, JNTUK**	**Member**
4.	**Sri Aravind Unnikrishnan,**	**TCS, Hyderabad**	**Member**
5.	**Prof. P S S Raju,**	**Dean, MVGRCOE(A), VZM**	**Member**

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6.	Dr. Ch. Ramesh , AITAM	Member
7.	Dr. U. D. Prasan, AITAM	Member
8.	Dr. D. T. V. Dharamajee Rao, AITAM	Member
9.	Dr. K. Yogeswara Rao, AITAM	Member
10.	Dr. T. P. R. Vital, AITAM	Member
11.	Dr. Ch. Dhanunjaya Rao, AITAM	Member
12.	Dr. Janmenjoy Nayak, AITAM	Member
13.	Dr. B. Kameswara Rao, AITAM	Member
14.	Dr. T. Ravi Kumar, AITAM	Member
15.	Sri. R. Srinivas, AITAM	Member
16.	Sri Y. Ramesh, AITAM	Member
17.	Sri M.V.B. Chandra Sekhar, AITAM	Member
18.	Sri Pramod Kumar Sahu, AITAM	Member
19.	Sri S. Vishnu Murthy, AITAM	Member

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Minutes of the Meeting of 9th Board of Studies (BoS) held on 26th November 2019
Resolutions/Recommendations with regard to IV Year Syllabus of B.Tech-AR18 Regulations

I. Include "Block Chain Technology" as a Professional Elective.
II. Change the Title of Professional Elective-V "Information Theory and Computing" as "Information Theory and Coding" to make it more suitable for content preparation.

Resolutions/Recommendations with regard to B.Tech Course Structure and First Year Syllabus-AR20 Regulations

I. Substitute "Workshop and Manufacturing Practice" in I Year II Semester with "IT Workshop".
II. Replace Biology in II Year I semester with Professional Core Course.
III. Restrict Number of Interdisciplinary Electives to maximum of two.

Other suggestions given by the Board:

- Allow students to complete professional elective courses through MOOCs like NPTEL if the courses are offered for 12 weeks and 3 credits.

Category	Subjects (T/L)		Credits
Mandatory Courses	4/0		0
Humanities and Social Science Courses	2/2		9
Basic Science Courses	5/3		19.5
Engineering Science Courses	4/6		24
Professional Core Course	14/10		57
Professional Core Elective	5/0		15
Interdisciplinary Elective/Open Elective	3/0		09
Skill Course	5/0		10
Internship/Project	3/0		16.5
Total	45/21		160

26/11/2019

Dr.G.S.N Murty
HOD, CSE &Chairman, BoS

Dr. GSN Murty
Professor and HOD-CSE
AITAM (Autonomous)
TEKKALI-532 201, Srikakulam

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DEPARTMENT OF CSE

Minutes of the 10th Board of Studies (BoS) meeting of CSE Department held on Friday i.e. **9th July, 2021** through **Google Meet online platform** with the following Link.

Topic: 10th BOS Meeting
Friday, July 9 · 11:00am – 1:00pm
Google Meet joining info
Video call link: **https://meet.google.com/jnd-qcsm-uzs**
Or dial: (US) +1 423-815-1985 PIN: 872 470 382#

Agenda:

To discuss and approve the following:

- II year Course Titles & syllabus of AR20.
- Interdisciplinary Elective-I (Title & Syllabus) & Interdisciplinary Elective- II (Title)
- II B.Tech Skill Oriented courses – I & II
- Introduction of AI&ML and Data Science Courses as Honors / Minor in B.Tech Programme of AR20
- Any other points with the permission of Members.

Members Present:

1.	**Dr. U D Prasan, AITAM**	**Chairman**
2.	**Dr. D.V.L.N Somayajulu, Director, IIITDM, Kurnool**	**Member**
3.	**Prof. M.V. Panduranga Rao, IIT Hyderabad**	**Member**
4.	**Dr. M.H.M. Krishna Prasad, UCEK, JNTUK**	**Member**

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5.	Sri Aravind Unnikrishnan, TCS, Hyderabad	Member
6.	Dr. Ch. Ramesh , AITAM	Member
7.	Dr. D. T. V. Dharamajee Rao, AITAM	Member
8.	Dr. Y. Ramesh, AITAM	Member
9.	Dr. M.V.B. Chandra Sekhar, AITAM	Member
10.	Dr. K. Yogeswara Rao, AITAM	Member
11.	Dr. T. P. R. Vital, AITAM	Member
12.	Dr. Ch. Dhanunjaya Rao, AITAM	Member
13.	Dr. Janmenjoy Nayak, AITAM	Member
14.	Dr. B. Kameswara Rao, AITAM	Member
15.	Dr. T. Ravi Kumar, AITAM	Member
16.	Sri. R. Srinivas, AITAM	Member
17.	Sri Pramod Kumar Sahu, AITAM	Member
18.	Sri S. Vishnu Murthy, AITAM	Member

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Minutes of the Meeting of 10th Board of Studies (BoS) held on 9th July 2021

Resolutions/Recommendations with regard to II Year Syllabus and Interdisciplinary / Open Electives of B.Tech-AR20 Regulations

- II year Course Titles & syllabus of AR20 is approved.
- Resolved to include "Unix Utilities" as Interdisciplinary Elective-I in II-II and Syllabus approved
- Resolved to include "Java Programming" as Interdisciplinary Elective-II in III-I
- Resolved to include "IoT" as Skill Oriented Course - I in II-I offered by APSSDC.
- Resolved to include "AWS Solutions Architect" as Skill Oriented Course - II in II-II offered by APSSDC.
- Resolved to introduce AI&ML and Data Science Courses as Honors / Minor in B.Tech Programme of AR20.

09/07/2021

Dr. U D Prasan

HOD, CSE &Chairman, BoS

Chairman, BoS
Dept. of CSE
Aditya Institute of
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TEQIP Funded College

Date: 30.06.2018

Minutes of meeting -5th Board of Studies meeting - EEE Department held at 11.00 a.m. on Saturday, 30yh June, 2018 in the college campus at C-block.

Agenda:

To Discuss:

1. B.Tech IV Year Syllabus (AR16).
2. AR-18 Course Structure.
3. AR-18 I Year Syllabus.

Members present:

SI.No	Name of the Member	Nomination	Signature
1	Dr.P.Mallikarjuna Rao, Professor , EEE Dept,AU.	Expert Member Nominated By University	
2	Dr.D.M.Vinod Kumar, Professor , EEE Dept,NITW.	Expert Member Nominated By Academic Council	
3	Dr.Ravi Kumar Bhimasingu, Asso.Prof. EEE Dept, IITH	Expert Member Nominated By Academic Council	B.Ravi 30/6/2018
4	Sri. Dinesh K Babu Oltech Group, Chennai	Placements	
5	Dr. K.B.Madhu Sahu, Professor & Principal , EEE	Faculty	
	Dr. Ch.Ravi Kumar, Professor, EEE	Faculty	
6	Dr.K Kiran Kumar, Professor, EEE	Faculty	
7	Sri. B.Srinivasa Rao, Assoc. Professor, EEE	Faculty	
8	Sri. S.Naga Raju, Assoc. Professor, EEE	Faculty	
9	Sri P.Balamurali, Assoc. Professor, EEE	Faculty	P.Balamurali.
	Sri.B.B Rath, Assoc.Professor, EEE Dept.	Faculty	
10	Sri CH.Krishna Rao, Assoc. Professor, EEE	Faculty	
11	Sri.N.Tejeswara Rao, Assoc. Professor, EEE	Faculty	N. Tej
12	Sri.K.Indu Kumar	Alumni	
13	Dr. D.Vijaya Kumar, Prof. & HOD, EEE	Chairman	

Resolutions:

Board of Studies Chairman
Department of EEE

CHAIRMAN
Board of Studies
Department of E.E.E.
Aditya Institute of Technology
And Management, Tekkali

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Minutes of BOS committee meeting held in EEE Department on 30-06-18

Agenda:

To Discuss:

- B.Tech IV Year Syllabus (AR16).
- AR-18 Course Structure.
- AR-18 I Year Syllabus.

Members present:

External Members:

1. Dr.D.M.Vinod Kumar, Professor EEE Dept, National Institute of Technology Warangal.
2. Dr. P.Mallikarjuna Rao, Professor, EEE, AU.
3. Dr.Ravi Kumar Bhimasingu, Asso.Prof. EEE Dept.Indian Institute of Technology,Hyderabad.

Internal Members:

1) Dr.K.B.Madhu Sahu, Professor & Principal
2) Dr.Ch Ravi Kumar, Professor, EEE Dept.
3) Dr.K Kiran Kumar, Professor, EEE Dept.
4) Sri.B.Srinivasa Rao, Assoc.Professor, EEE Dept.
5) Sri.S Nagaraju, Assoc.Professor, EEE Dept.
6) Sri.P Balamurali, Assoc.Professor, EEE Dept.
7) Sri.B.B Rath, Assoc.Professor, EEE Dept.
8) Sri. Ch Krishna Rao, Assoc.Professor, EEE Dept.
9) Sri.N.Tejeswara Rao, Assoc.Professor, EEE Dept.

Board of studies meeting was held on 30th June, 2018 at computer programming lab of EEE department. BOS members both external and internal attended the meeting for finalizing the above mentioned agenda.

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AR-18

I-I

In the subject of Basic Electrical Engineering

- In unit-II remove the topic parallel combinations.
- In unit-IV remove the topic operation of instruments advantages and disadvantages.
- D. P. Kothari and I. J. Nagrath, "Basic Electrical Engineering", Tata McGraw Hill,2010. Should be in reference books.

In Basic Electrical Engineering lab

- Remove the experiment Brake test on 3-phase induction motor.

I-II

In the subject of Electric Circuit Theory

- Change unit-III as unit-V
- Fundamentals of Electrical circuits by Charles K.Alexander , Matthew N.O Sadiku should be in text books.

CHAIRMAN
Board of Studies
Department of E.E.E.
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29-12-2018

DEPARTMENT OF EEE

MINUTES OF THE MEETING OF THE BOARD OF STUDIES HELD ON 29-12-2018 AT 10.30 A.M. IN THE COLLEGE CAMPUS.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

Members present:

Sl.No	Name of the Member	Nomination	Signature
1.	Dr. K.B.Madhu Sahu, Professor & Principal , EEE	Faculty	
2.	Dr. Ch.Ravi Kumar, Professor, EEE	Faculty	
3.	Dr. K.Kiran Kumar, Professor, EEE	Faculty	
4.	Sri. S.Naga Raju, Assoc. Professor, EEE	Faculty	
5.	Sri P.Balamurali, Assoc. Professor, EEE	Faculty	
6.	Sri B.B Rath, Assoc. Professor, EEE	Faculty	
7.	Sri CH.Krishna Rao, Assoc. Professor, EEE	Faculty	
8.	Sri.N.Tejeswara Rao, Assoc. Professor, EEE	Faculty	
9.	Dr. D.Vijaya Kumar, Prof. & HOD, EEE	Chairman	

CHAIRMAN
Board of Studies
Department of E.E.E.
Aditya Institute of Technology
And Management, Tekkali

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DEPARTMENT OF EEE

MINUTES OF THE MEETING OF THE BOARD OF STUDIES HELD ON 29-12-2018 AT 10.30 A.M. IN THE COLLEGE CAMPUS.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

The following decisions were taken after detailed discussions among the members:

1. The members reviewed the previous minutes of the meeting and confirmed the same since no further comments were received.
2. The members discussed the Syllabus of the **2nd & 3rd B.Tech.** programmes (AR18) to be Implemented in the Academic Year 2019-20 and the same will be finalized in the next BoS meeting scheduled in the month of March/April 2019.

Meeting ended at **1.30 P.M.** with vote of thanks by the Chair followed by lunch.

CHAIRMAN

CHAIRMAN
Board of Studies
Department of E.E.E.
Aditya Institute of Technology
And Management, Tekkali

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Recognised by Scientific & Industrial Research Organisations(SIROs)
TEQIP Funded College

Date: 16-03-19

Minutes of meeting – 7th Board of Studies meeting – EEE Department held at 11.00 am on Saturday, 16th March, 2019 in the college campus at C-block.

Agenda:

To Discuss:

- B.Tech II Year Syllabus (AR18).
- M.Tech AR-19 Course Structure & Syllabus.

Members present:

S.No	Name of the Member	Nomination	Signature
1.	Dr.P.Mallikarjuna Rao Professor.EEE Dept.AU.	Expert member nominated by University.	
2.	Dr.D.M.Vinod Kumar Professor EEE Dept. NITW	Expert member nominated by academic council.	16/03/19
3.	Dr.Ravi Kumar Bhimasingu Asso.Prof. EEE Dept.IITH	Expert member nominated by academic council.	
4.	Sri.Dinesh.K.Babu Oltech Group, Chennai	Placements.	
5.	Dr.K.B.Madhu Sahu, Professor & Director (R&D)	Faculty	
6.	Dr.Ch Ravi Kumar, Professor, EEE	Faculty	
7.	Dr.K Kiran Kumar, Professor, EEE	Faculty	
8.	Sri.B.Srinivasa Rao, Assoc.Professor, EEE	Faculty	
9.	Sri.S Nagaraju, Assoc.Professor, EEE	Faculty	
10.	Sri.P Balamurali, Assoc.Professor, EEE	Faculty	
11.	Sri.B.B Rath, Assoc.Professor, EEE	Faculty	
12.	Sri. Ch Krishna Rao, Assoc.Professor, EEE	Faculty	
13.	Sri.N.Tejeswara Rao, , Assoc.Professor, EEE	Faculty	
14.	Sri K. Indu Kumar	Alumni	
15.	Dr.D.Vijaya Kumar, Professor & HOD EEE	Chairman	

Board of Studies Chairman
Department of EEE

CHAIRMAN
Board of Studies
Department of E.E.E.
Aditya Institute of Technology
And Management, Tekkali

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Minutes of BOS committee meeting held in EEE Department on 16-03-19

Agenda:

To Discuss:

- B.Tech II Year Syllabus (AR18).
- M.Tech AR-19 Course Structure & Syllabus.

Members present:

External Members:

1. Dr. P.Mallikarjuna Rao, Professor, EEE, AU.
2. Dr.D.M.Vinod Kumar, Professor EEE Dept, National Institute of Technology Warangal.
3. Dr.Ravi Kumar Bhimasingu, Asso.Prof. EEE Dept.Indian Institute of Technology,Hyderabad.

Internal Members:

1) Dr.K.B.Madhu Sahu, Professor & Director (R&D).
2) Dr.Ch Ravi Kumar, Professor, EEE Dept.
3) Dr.K Kiran Kumar, Professor, EEE Dept.
4) Sri.B.Srinivasa Rao, Assoc.Professor, EEE Dept.
5) Sri.S Nagaraju, Assoc.Professor, EEE Dept.
6) Sri.P Balamurali, Assoc.Professor, EEE Dept.
7) Sri.B.B Rath, Assoc.Professor, EEE Dept.
8) Sri. Ch Krishna Rao, Assoc.Professor, EEE Dept.
9) Sri.N.Tejeswara Rao, Assoc.Professor, EEE Dept.

Board of studies meeting was held on 16th March, 2019 at computer programming lab of EEE department. BOS members both external and internal attended the meeting for finalizing the above mentioned agenda.

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In the lab of ECA

- Change the lab name as Electrical circuits lab.

AR-19 M.Tech
I-Sem

Introduce Power semi conductor devices subject in I-sem.

In the subject of Power electronic control of dc drives

- In unit-II & III remove the word converter.
- Change the unit-IV title as Chopper controlled DC Motor drives-I.
- Change the unit-V title as Chopper controlled DC Motor drives-II
- In the unit-V add the topic analysis of Chopper controlled DC Motor drives.
- Add one more text book Power Electronics- Ned Mohan, Tore M.Undelan and William P.Robbins –John Wiley & Sons -2nd Edition.

In the subject of Modeling and analysis of electrical machines

- Remove modeling in unit-IV title.

In the subject of Power Quality

- Remove the topic power quality v/s voltage in unit-I.
- Remove the topic definition of power factor in unit-V.
- Change the unit-VI title as Measuring devices for quality.
- Add one more textbook Power Quality Problems and Mitigation Techniques 1st Edition by Bhim Singh.

In the subject of Design and monitoring of machines

- Change the subject name of Design and monitoring of machines as Design and conditioning of machines
- In unit-III title replace mentoring with condition.

II-Sem

In the subject of HVDC

- Remove the textbook Padiyar, K. R., "HVDC power transmission system", New Age International (P) Ltd., New Delhi, Second Edition, 2010.
- Change the Subject name as HVDC transmission.
- The text books Kundur P, "Power System Stability and Control", McGraw-Hill, 1993.S. Kamakshaiah, V. Kamaraju, 'HVDC Transmission', Tata McGraw Hill Education Private Limited, 2011 shou; be in textbook section.

BOS Chairman

CHAIRMAN
Board of Studies
Department of E.E.E.
Aditya Institute of Technolo
And Management, Tekkal

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Date: 16-11-2019

Minutes of meeting – 8th Board of Studies meeting – EEE Department held at 11.00 am on Saturday, 16th November, 2019 in the college campus at C-block.

Agenda:

To Discuss:

- B.Tech III Year Syllabus (AR18).

Members present:

S.No	Name of the Member	Nomination	Signature
1.	Dr.P.Mallikarjuna Rao Professor.EEE Dept.AU.	Expert member nominated by University.	
2.	Dr.D.M.Vinod Kumar Professor EEE Dept. NITW	Expert member nominated by academic council.	
3.	Dr.Ravi Kumar Bhimasingu Asso.Prof. EEE Dept.IITH	Expert member nominated by academic council.	
4.	Sri.Dinesh.K.Babu Oltech Group, Chennai	Placements.	
5.	Dr.K.B.Madhu Sahu, Professor & Director (R&D)	Faculty	
6.	Dr.Ch Ravi Kumar, Professor, EEE	Faculty	
7.	Dr.K Kiran Kumar, Professor, EEE	Faculty	
8.	Dr.Promod Kumar Gouda, Professor, EEE	Faculty	
9.	Sri.B.Srinivasa Rao, Assoc.Professor, EEE	Faculty	
10.	Sri.S Nagaraju, Assoc.Professor, EEE	Faculty	
11.	Sri.P Balamurali, Assoc.Professor, EEE	Faculty	
12.	Sri.B.B Rath, Assoc.Professor, EEE	Faculty	
13.	Sri. Ch Krishna Rao, Assoc.Professor, EEE	Faculty	
14.	Sri.N.Tejeswara Rao, , Assoc.Professor, EEE	Faculty	
15.	Sri K. Indu Kumar	Alumni	
16.	Dr.D.Vijaya Kumar, Professor & HOD EEE	Chairman	

Board of Studies Chairman
Department of EEE

CHAIRMAN
Board of Studies
Department of E.E.E
Aditya Institute of Techno
And Management, Tekka

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Minutes of BOS committee meeting held in EEE Department on 16-11-19

Agenda:

To Discuss:

- B.Tech III Year Syllabus (AR18).

Members present:

External Members:

1. Dr. P.Mallikarjuna Rao, Professor, EEE, AU.
2. Dr.D.M.Vinod Kumar, Professor EEE Dept, National Institute of Technology Warangal.
3. Dr.Ravi Kumar Bhimasingu, Asso.Prof. EEE Dept.Indian Institute of Technology,Hyderabad.

Internal Members:

1) Dr.K.B.Madhu Sahu, Professor & Director (R&D).
2) Dr.Ch Ravi Kumar, Professor, EEE Dept.
3) Dr.K Kiran Kumar, Professor, EEE Dept.
4) Dr.Prmod Kumar Gouda, Professor, EEE Dept.
5) Sri.B.Srinivasa Rao, Assoc.Professor, EEE Dept.
6) Sri.S Nagaraju, Assoc.Professor, EEE Dept.
7) Sri.P Balamurali, Assoc.Professor, EEE Dept.
8) Sri.B.B Rath, Assoc.Professor, EEE Dept.
9) Sri. Ch Krishna Rao, Assoc.Professor, EEE Dept.
10) Sri.N.Tejeswara Rao, Assoc.Professor, EEE Dept.
11) Dr.D.Vijaya Kumar, Professor & HOD, EEE Dept.

Board of studies meeting was held on 16th November, 2019 at computer programming lab of EEE department. BOS members both external and internal attended the meeting for finalizing the above mentioned agenda.

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AR-18

III-I

In the subject of Power electronics

- Change the Unit-II title as Single Phase AC-DC Converters
- Change the Unit-III title as Three Phase AC-DC Converters
- Change the Unit-V title as DC-AC Converters & Inverters

In the subject of Electrical Measurements

- Add one more topic Hall effect sensor basics in Unit-II
- Change the Unit-IV title as DC Bridges
- Remove text book Electrical Measurements – by Buckingham and Price, Prentice – Hall from reference section

In the subject of Power systems-II

- Change the Unit-II title as Performance of transmission lines-I
- Change the Unit-III title as Performance of transmission lines-II
- Add text book Power System Analysis by Hadi Saadat – TMH Edition.

In the subject of Renewable energy sources

- Change the Unit-V title as Direct energy conversion(DEC)

III-II

In the subject of Switchgear and protection

- Add the topics numerical relay, comparison of electromagnetic, static, and numerical relay in Unit-II

In the subject of Power system analysis

- Change the Unit-V title as Power system stability analysis

Change the title of the subject PLCs & SCADA theory subject title as Industrial Automation

In the subject of Principles of signals and systems

- Add the topic limitations in Unit-III
- Add the topic limitations in Unit-IV
- Add the topic limitations in Unit-V

Change the title of the subject Energy audit conservation and management as Energy audit management and conservation

BOS Chairman

CHAIRMAN
Board of Studies
Department of E.E.E.
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And Management, Tekkali

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TEQIP Funded College

Date: 28-11-20

Minutes of meeting – 9th Board of Studies meeting – EEE Department held at 10.30 am (online) on Saturday, 28th November, 2020 in the college campus at C-block.

Agenda:

To Discuss:

- B.Tech IV Year Syllabus (AR18).
- B.Tech AR-20 Course Structure & I-Year Syllabus.

Members present:

S.No	Name of the Member	Nomination	Signature
1.	Dr.P.Mallikarjuna Rao Professor.EEE Dept.AU.	Expert member nominated by University.	
2.	Dr.D.M.Vinod Kumar Professor EEE Dept. NITW	Expert member nominated by academic council.	
3.	Dr.Ravi Kumar Bhimasingu Asso.Prof. EEE Dept.IITH	Expert member nominated by academic council.	
4.	Sri.Dinesh.K.Babu Oltech Group, Chennai	Placements.	
5.	Dr.K.B.Madhu Sahu, Professor & Director (R&D)	Faculty	
6.	Dr.Ch Ravi Kumar, Professor, EEE	Faculty	
7.	Dr.K Kiran Kumar, Professor, EEE	Faculty	
8.	Dr. Promod Kumar Gouda, Professor, EEE	Faculty	
9.	Sri.B.Srinivasa Rao, Assoc.Professor, EEE	Faculty	
10.	Sri.S Nagaraju, Assoc.Professor, EEE	Faculty	
11.	Sri.P Balamurali, Assoc.Professor, EEE	Faculty	
12.	Sri.B.B Rath, Assoc.Professor, EEE	Faculty	
13.	Sri. Ch Krishna Rao, Assoc.Professor, EEE	Faculty	
14.	Sri.N.Tejeswara Rao, , Assoc.Professor, EEE	Faculty	
15.	Sri K. Indu Kumar	Alumni	
16.	Dr.D.Vijaya Kumar, Professor & HOD EEE	Chairman	

Board of Studies Chairman
Department of EEE
Head of the Department
Dept. of E.E.E.
Aditya Institute of Technology &
Management, TEKKALI

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Minutes BOS committee meeting held in EEE department (online) on 28-11-20

Agenda:

To Discuss:

- B.Tech IV Year Syllabus (AR18).
- B.Tech AR-20 Course Structure & I-Year Syllabus.

Members present:

External Members:

1. Dr. P.Mallikarjuna Rao, Professor, EEE, AU.
2. Dr.D.M.Vinod Kumar, Professor EEE Dept, National Institute of Technology Warangal.
3. Dr.Ravi Kumar Bhimasingu, Asso.Prof. EEE Dept.Indian Institute of Technology,Hyderabad.

Internal Members:

1) Dr.K.B.Madhu Sahu, Professor & Director (R&D).
2) Dr.Ch Ravi Kumar, Professor, EEE Dept.
3) Dr.K Kiran Kumar, Professor, EEE Dept.
4) Dr.Prmod Kumar Gouda, Professor, EEE Dept.
5) Sri.B.Srinivasa Rao, Assoc.Professor, EEE Dept.
6) Sri.S Nagaraju, Assoc.Professor, EEE Dept.
7) Sri.P Balamurali, Assoc.Professor, EEE Dept.
8) Sri.B.B Rath, Assoc.Professor, EEE Dept.
9) Sri. Ch Krishna Rao, Assoc.Professor, EEE Dept.
10) Sri.N.Tejeswara Rao, Assoc.Professor, EEE Dept.
11) Dr.D.Vijaya Kumar, Professor & HOD, EEE Dept.

Board of studies meeting was held on 28th November, 2020 in online mode. BOS members both external and internal attended the meeting for finalizing the above mentioned agenda.

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AR-18

IV-I

In the subject of Fundamentals of Electric Drives

- Change the subject title from Fundamentals of Electric Drives to Electric Drives.
- Add the topic applications in UNIT-I.
- Add the topic applications in UNIT-II.

In the subject of High Voltage D.C. TRANSMISSION

- Elaborate course objectives.
- Split UNIT-II into two halves.
- Interchange textbooks numbers in textbooks section.

In the subject of FLEXIBLE AC TRANSMISSION SYSTEMS

- Change all course outcomes.

In the subject of POWER SYSTEM OPERATION AND CONTROL

- Change all course outcomes.
- Add the topic controlled case in UNIT-IV
- In Reference section add textbooks publisher & publishing year.

In the subject of HIGH VOLTAGE ENGINEERING

- Change the title of UNIT-II.
- In Reference section add textbooks publisher & publishing year.

In the subject of POWER QUALITY MANAGEMENT SYSTEMS

- Change the course outcome 5.
- Shift textbook D.A Bradely and P.S. Bodger, Power System Harmonics. New York: Wiley, 1985 into reference section.

In the subject of ELECTRICAL DISTRIBUTION SYSTEMS

- Check the title of textbook name under textbook section.

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In the subject of POWER QUALITY MONITORING

- Change the subject title from Power Quality Management to Power Quality Monitoring.
- In Textbooks section add textbooks publisher & publishing year.

IV-II

In the subject of ELECTRICAL MACHINE DESIGN

- Add the topics Introduction to permanent magnet machines design and Linear motor design in UNIT-I.

In the subject of DIGITAL CONTROL SYSTEMS

- In Textbooks section add textbooks publisher & publishing year.

BOS Chairman

CHAIRMAN
Board of Studies
Department of E.E.E.
Aditya Institute of Technology
And Management, Tekkali

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Date: 03-07-21

Minutes of meeting - 10th Board of Studies meeting - EEE Department held at 10.30 am (online) on Saturday, 3rd July, 2021 in the college campus at C-block.

Agenda:

To Discuss:

- B.Tech II Year Syllabus (AR20).
- B.Tech AR-20 Course Structure.
- B.Tech Honors.

Members present:

S.No	Name of the Member	Nomination	Signature
1.	Dr.P.MallikarjunaRaoProfessor.EEE Dept.AU.	Expert member nominated by University.	
2.	Dr.D.M.Vinod KumarProfessor EEE Dept.NITW	Expert member nominated by academic council.	
3.	Dr.Ravi Kumar BhimasinguAsso.Prof. EEE Dept.IITH	Expert member nominated by academic council.	
4.	Sri.Dinesh.K.BabuOltechGroup, Chennai	Placements.	
5.	Dr.K.B.MadhuSahu, Professor & Director (R&D)	Faculty	
6.	Dr.Ch Ravi Kumar, Professor, EEE	Faculty	
7.	Dr.KKiran Kumar, Professor, EEE	Faculty	
8.	Dr. Pramod Kumar Gouda, Professor, EEE	Faculty	
9.	Sri.B.SrinivasaRao, Assoc.Professor, EEE	Faculty	
10	Sri.SNagaraju, Assoc.Professor, EEE	Faculty	
11	Sri.PBalamurali, Assoc.Professor, EEE	Faculty	
12	Sri.B.BRath, Assoc.Professor, EEE	Faculty	
13	Sri. Ch Krishna Rao, Assoc.Professor, EEE	Faculty	
14	Sri.N.TejeswaraRao, , Assoc.Professor, EEE	Alumni	
15	Sri K. Indu Kumar	Chairman	
16	Dr.D.Vijaya Kumar, Professor & HOD EEE		

Board of Studies Chairman

CHAIRMAN
Department of EEE
Board of Studies
Department of E.E.E.
Aditya Institute of Tech...
And Management, Te...

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MINUTES OF THE MEETING OF 5th BOARD OF STUDIES (BoS) IN INFORMATION TECHNOLOGY HELD ON 30th June 2018 (Saturday) At 10 A.M IN THE DEPARTMENT OF INFORMATION TECHNOLOGY (IT), ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT ,TEKKALI(AUTONOMOUS).

Resolutions/Recommendations with regard to course structure and syllabus of AR18 Regulations

- Resolved to change the title of "Calculus and Algebra" as "Linear Algebra & Calculus" and add more concepts on Linear Algebra.
- Recommended to prescribe standard text books for the course "Programming for problem solving".
- Suggested to add Volume1 and Volume2 by Knuth in references for the course "Data structures and Algorithms".
- Resolved to reduce the lecture hours for FOSS.
- Recommended to use Pearl versions 6 and above for FOSS lab.
- Resolved to replace Fundamentals of Material Science with "Engineering Optimization Techniques" in Open Elective -I.
- Resolved to shift DAA from 3-1 to 2-2 and FLAT from 2-2 to 3-1.
- Resolved to Change the title "Artificial Intelligence" to "Artificial Intelligence and Machine learning".
- Resolved to Change "Machine Learning" to "Advanced Machine Learning" in Professional Elective-II.
- Suggested to add Professional Electives like Software Testing Methodology, Cyber Security etc.
- Resolved to Replace "Social Networks" with "Object Oriented Analysis and Design" in Professional Elective-I.
- Resolved to rename "Soft Computing" as "Soft Computing Techniques"
- It is advised to Change Internship as Internship/Certified Industry course.
- Resolved to shift Internet of Things from 4-1 to 3-2 and Internet of Things lab also included in 3-2.
- Resolved to Replace "Advanced Algorithms" with "Advanced Computer Networks" in 3-2.
- Resolved to Replace "UML & DP" with "Software Testing and Project Management" and Software Testing and CASE Tools Lab also included in 4-1.
- Suggested to add Advanced UNIX Programming in 4-1.
- Resolved to Replace "Information Theory and Computation" with "Cyber Forensics" in Professional Elective-V.
- Resolved to Replace "Quantum Computing" with "Mobile Computing" in Professional Elective-VI.

Contd. 2...

- After thorough discussion with BoS members, feedback from stakeholders, members of Academic Council and based on AICTE model curriculum for B.Tech program, total 121 courses are approved. Out of 121 courses approved, 9 are new courses, 24 are professional elective courses, 40 are open elective courses and 48 are related to improve Employability / Entrepreneurship / Skill development.

Resolutions/Recommendations with regard to IV Year Syllabus of AR16 Regulations.

- It is advised to write the text book1 at the end in the course IP.
- It is suggested, not to mention Data set names in Unit-5 of Data Analytics Course.
- It is advised to add a link of "data science for engineers by IIT Madras" in the course "Data Analytics".
- It is suggested to add some concepts on "Tech Writing" (Refer IIT Guwahati) in the course "Human Computer Interaction (HCI)".
- It is suggested to write course outcomes according to Blooms Taxonomy for Multimedia Application Development course in 4-1.
- It is advised to write the two text books for each course.
- Resolved to replace "Physical Computing" with "Internet of Things" in 4-1.
- Resolved to replace "Software Product Design and Management" with "Cyber Forensics" in 4-2.
- Resolved to replace "Advanced Operating Systems" with "Parallel Computing" in 4-2.
- Resolved to replace "Human Computer Interaction" with "Machine Learning" in 4-2.

General suggestions given by the Expert Members:

- Distinction should not be awarded to backlog students.
- Out of six professional electives, two may be offered as MOOC courses. The students must obtain certificate through proctored examination.
- Set up "High Performance Computing (HPC)" and IOT Labs.
- COs must be written as per syllabus and not unit-wise.
- COs must start with action verbs.
- Suggested to prescribe standard text books

Dr. B. V. Ramana
HOD, IT & Chairman BoS

CHAIRMAN
Board of Studies
Department of I.T.
Aditya Institute of Technology
And Management, TEKKALI

DEPARTMENT OF INFORMATION TECHNOLOGY

MINUTES OF THE 6th BOARD OF STUDIES MEETING HELD ON 29-12-2018 AT 10.30 A.M. IN THE COLLEGE CAMPUS.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

The following decisions were taken after detailed discussions among the members:

1. The members reviewed the previous minutes of the meeting and confirmed the same since no further comments were received.
2. The members discussed the Syllabus of the **2nd & 3rd B.Tech.** programmes (AR18) to be Implemented in the Academic Year 2019-20 and the same will be finalized in the next BoS meeting scheduled in the month of March/April 2019.

Meeting ended at **1.30 P.M.** with vote of thanks by the Chair followed by lunch.

Chairman, BoS
CHAIRMAN
Board of Studies
Department of I.T.
Aditya Institute of Technology
And Management, TEKKALI

MINUTES OF THE MEETING OF 7th BOARD OF STUDIES (BoS) IN INFORMATION TECHNOLOGY HELD ON 16th MARCH 2019 AT 10 A.M IN THE DEPARTMENT OF INFORMATION TECHNOLOGY (IT), ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, TEKKALI (AUTONOMOUS).

Resolutions/Recommendations with regard to II Year Syllabus of B.Tech-AR18:

II B. Tech. I Semester

- It is recommended to mention the year of publication of the text books wherever it is missing.
- It is advised to swap the reference text book-1 and prescribed text book-2 in the OOPs course and frame the course outcomes using Bloom's action verbs.
- It is advised to swap the reference text book-1 and prescribed text book-2 in the DLD course.

II B. Tech. II Semester

- It is resolved to include a few experiments on "cross-validation and regression methods" in the course "Statistical Learning Using R Lab".
- It is resolved to include a few concepts related to computer architecture in the course "Computer Organization and Architecture".
- It is resolved to include a few concepts related to I/O Management in the course "Operating Systems".
- It is resolved to include a few concepts related to Project Management in the course "IT Systems Management".
- It is recommended to include a few case studies in DBMS Laboratory.

Dr. B. V. Ramana
HOD, IT & Chairman, BoS

CHAIRMAN
Board of Studies
Department of I.T.
Aditya Institute of Technology
And Management, TEKKALI

MINUTES OF THE MEETING OF 8th BOARD OF STUDIES (BoS) IN INFORMATION TECHNOLOGY HELD ON 16th NOVEMBER 2019 AT 10 A.M IN THE DEPARTMENT OF INFORMATION TECHNOLOGY (IT).

Resolutions with regard to Syllabus of III B.Tech I & II Semester AR18 Regulations

- Resolved to change the titles of "Introduction to PYTHON as "PYTHON Programming" in Interdisciplinary Elective –II.
- Resolved to change Units 4 and 5 by Including Machine Learning concepts in the Artificial Intelligence & Machine Learning course of III Year I Semester.
- Resolved to avoid repetition of Discrete Mathematics concepts in Graph Theory (Professional Elective-I). Add concepts related to Graph Theory.
- Resolved to replace "Fundamentals of Computer Graphics" with "Fundamentals of Image Processing" in Interdisciplinary Elective –III.
- Resolved to change the text books for "Internet of Things" subject and change the lab experiments for "Internet of Things Lab".

Suggestions with regard to Syllabus of III B.Tech I & II Semester AR18 Regulations

- Modify the COs using action verbs in few courses like IoT, AI&ML, etc.
- Introduce few courses as part of Interdisciplinary Elective for competitive coding to accelerate students, based on the Industry need.
- In the Professional Electives, add some courses related to latest trends in the Industry. Example: User Interface Development, Full stack development, Dev Apps, Entrepreneur Mobility Management, Digital Technologies etc.,
- Make sure that concepts like recurrence relations and generating functions are covered in Discrete Mathematics itself.
- Suggested to implement advanced concepts like Machine Learning, Artificial Intelligence etc., as a CASE Study as part of Mini Project I & II.
- Write the Edition and Year of publication for all prescribed books.
- In the Lab courses, every year, add some latest experiments
- In the Core Courses, important concepts may be focused based on feedback from industry experts.
- Form student technical association, so that the seniors can train juniors on latest technologies.

26/11/2019

Dr. B. V. Ramana
HOD, IT & Chairman, BoS

CHAIRMAN
Board of Studies
Department of I.T.
Aditya Institute of Technology
And Management, TEKKALI

Minutes of the 9th Board of Studies (BoS) Meeting held on 26th November 2020

Resolutions/Recommendations with regard to IV Year Syllabus of B.Tech-AR18 Regulations

I. Include "Block Chain Technology" as a Professional Elective.

Resolutions/Recommendations with regard to Course Structure and First Year Syllabus of B.Tech - AR20 Regulations

II. Substitute "Workshop and Manufacturing Practice" in I Year II Semester with "IT Workshop".
III. Replace Biology in II Year I semester with Professional Core Course.
IV. Restrict Number of Interdisciplinary Electives to maximum of two.

Other suggestions given by the Board:

- Allow students to complete professional elective courses through MOOCs like NPTEL if the courses are offered for 12 weeks and 3 credits.

Dr. B.V.Ramana
HOD, IT & Chairman, BoS
Department of I.T.
Aditya Institute of Technology
And Management, TEKKALI

Minutes of the Meeting of 10th Board of Studies (BoS) held on 9th July 2021

Resolutions/Recommendations with regard to II Year Syllabus and Interdisciplinary / Open Electives of B.Tech-AR20 Regulations

- II year Course Titles & syllabus of AR20 is approved.
- Resolved to include "Fundamentals of Data Structures" as Interdisciplinary Elective-I in II-II
- Resolved to include "Introduction to DBMS" as Interdisciplinary Elective-II in III-I
- Resolved to include "IoT" as Skill Oriented Course - I in II-I offered by APSSDC.
- Resolved to include "AWS Solutions Architect" as Skill Oriented Course - II in II-II offered by APSSDC.
- Resolved to include "IT Systems Management" as Open Elective in IV-I
- Resolved to introduce AI&ML and Data Science Courses as Honors / Minor in B.Tech Programme of AR20.

Dr. B. V. Ramana,
HOD, IT & Chairman, BoS

CHAIRMAN
Board of Studies
Department of I.T.
Aditya Institute of Technology
And Management, TEKKALI

MEMBERS OF BOARD OF STUDIES (BoS)

Branch – Mechanical Engineering (MECH)

(2018-19 to 2020-21)

Sl.No	Name of the Member	Designation	Nomination
1.	Dr.C.J.Rao	Chairman	HOD
2.	Professors & Assoc.Professors	Members	Faculties
3.	Dr. M. Ramji	Member	Expert Member nominated by Academic Council
4.	Dr. V. Rajesh Khana Raju	Member	Expert Member nominated by Academic Council
5.	Dr. B. Balakrishna	Member	Expert Member nominated by University
6.	Sri K. Lakshman	Member	Expert Member nominated from Industry
7.	Sri Goka Suresh	Member	Alumni

PRINCIPAL
PRINCIPAL
ADITYA INSTITUTE
SCHNOLOGY & MANAG
TEKKALI

DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF THE MEETING OF THE BOARD OF STUDIES HELD ON 29-12-2018 AT 10.30 A.M. IN THE COLLEGE CAMPUS.

Agenda:

1. To review the previous Minutes of the Meeting.
2. To discuss the Syllabus of 2nd & 3rd Year B.Tech (AR18) for the Academic Year 2019-20.
3. Any other points with the permission of the Chair.

The following decisions were taken after detailed discussions among the members:

1. The members reviewed the previous minutes of the meeting and confirmed the same since no further comments were received.
2. The members discussed the Syllabus of the **2nd & 3rd B.Tech.** programmes (AR18) to be Implemented in the Academic Year 2019-20 and the same will be finalized in the next BoS meeting scheduled in the month of March/April 2019.

Meeting ended at **1.30 P.M.** with vote of thanks by the Chair followed by lunch.

H.O.D.
Dept. of Mech. Engg.
AITAM, TEKKALI.
CHAIRMAN

aitam
ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada)
TEKKALI - 532 201, Srikakulam Dist., A.P.
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ADIT
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Date: 16-03-2019

Department of Mechanical Engineering

Minutes of Board of Studies 7th meeting of Mechanical Engineering Department held on 16th March, 2019.

External Members:

S. No.	Name of the Member	Signature
1.	Dr. B. Balakrishna	
2.	Dr. M. Ramji	
3.	Dr. V. Rajesh Khana Raju	
4.	Sri K. Lakshman	

Internal Members:

S. No.	Name of the Member	Signature
1.	Dr. C. J. Rao	16/3/19
2.	Dr. D. Sreeramulu	
3.	Dr. D. Azad	
4.	Dr. V. Chitti Babu	
5.	Sri D. Lokanadham	
6.	Sri P. Srihari	
7.	Sri B. Ramakrishna	
8.	Sri M. V. Ramana	
9.	Sri N. Ramesh	

PG Alumni:

S. No.	Name of the Member	Signature
1.	Mr. Goka Suresh	16.03.19

Agenda:

To discuss & finalize the AR18 syllabi for II year B. Tech. (Mechanical Engineering)
To discuss & finalize the AR19 course structure and syllabi for M. Tech. (Thermal Engineering)

Board of studies meeting is held on 16th March 2019 at HOD's Chamber of Mechanical Engineering Department, AITAM. BoS External & Internal members are present at the meeting for finalizing the syllabi of **AR18 II year B. Tech. (Mechanical Engg.), AR19 course structure and syllabi for M. Tech. (Thermal Engg.)**
Following suggestions are made during the meeting.

Cont....

Minutes of Board of Studies 7th meeting of Mechanical Engineering Department held on 16th March, 2019

AR18 (B. Tech)

II Year:

1. Add Energy Concepts in Unit V of 'Engineering Mechanics' of Mechanical Engineering with course code 18EST203.
2. Add Aluminum and Titanium based alloys in UNIT III of 'Materials Engineering' of Mechanical Engineering with course code 18MET202.
3. Reorganize chapters of Strength of materials from Unit II to Unit V. Combined Loading to be introduced along with principal stresses.
4. Replace GD & T from COMPUTER AIDED DRAFTING LAB with basic 3D modeling concepts. GD & T to be introduced in 3D Modeling Lab in III year in the next BOS meet.
5. Rename Thermal Engineering Lab as IC Engines lab.
6. Gas dynamics and Jet propulsion to be introduced in Applied Thermodynamics. Axial Flow and Centrifugal Compressors also to be added. Boilers can be removed.
7. Optimization Techniques instead of Project Management & Operations research.
8. Add Stability criterion and Bode Plots in INSTRUMENTATION AND CONTROL of II Year II Semester. Add more portions of Control systems and reduce instrumentation to 3 units.
9. Remove the "study of boilers" experiment from Thermal Engineering Lab.

AR19 (M. Tech)

1. Number of labs has been increased in comparison with the previous AR16 course structure in each semester.
2. Entire course structure needs to be reframed keeping in view of the academic and research challenges and contemporary issues and accordingly syllabi for various subjects are to be prepared.

Chairman-BOS
&
HOD, Mechanical Engg.

H. O. D
Dept. of Mech. Engg
ADAM • TEKKALI

Date : 16-11-2019

Department of Mechanical Engineering

Minutes of Board of Studies 8th meeting of Mechanical Engineering Department held on 16th November, 2019

External Members :

S.No.	Name of the Member	Signature
1.	Dr. B. Balakrishna	
2.	Dr. M. Ramji	
3.	Dr. V. Rajesh Khana Raju	
4.	Sri K. Lakshman	

Internal Members :

S.No.	Name of the Member	Signature
1.	Dr. C.J. Rao	
2.	Dr. D. Sreeramulu	
3.	Dr. D.Azad	
4.	Dr. V. Chitti Babu	
5.	Sri D. Lokanadham	
6.	Sri P. Srihari	
7.	Sri B. Ramakrishna	
8.	Sri M.V. Ramana	
9.	Sri N. Ramesh	
10.	Dr. R. Siva Sankar Raju	
11.	Dr. D. Santhosh Kumar	

PG Alumni :

S.No.	Name of the Member	Signature
1.	Mr. Goka Suresh	Present

Agenda :

To discuss & finalize the AR-18 Syllabus for III B.Tech. (Mechanical Engineering).

Board of studies meeting is held on 16th November, 2019 at HOD's Chamber of Mechanical Engineering Department, AITAM. BoS External & Internal members are present at the meeting for finalizing the syllabi of **AR-18 III year B.Tech. (Mechanical Engineering).**

Following suggestions are made during the meeting.

Cont...

Minutes of Board of Studies 8th meeting of Mechanical Engineering Department held on 16th November, 2019

AR18 (B. Tech)

III Year:

The following points were discussed and changes were suggested in the draft syllabus prepared by the subject experts of the department.

1. Reframed and reorganized course outcomes as well as topics on principal stresses in proposed in Unit I. Remove 'stresses in keys' topic in Unit IV of DMM-I.
2. Reorganize course outcomes of KDM. Remove whitworth quick return motion mechanisms in Unit-II proposed topics. Remove 'Hartung governor, four bar and static and dynamic analysis of mechanisms' topics.
3. Add 'Rocket Engines' and 'Flow through nozzles' referring to JNTUK R16 syllabus in ATD. Specify for which topics steam tables are to be used rather than using/supplying the entire steam tables book. 'Heat Table' book can be referred by the subject experts.
4. Add 'Mass transfer concepts' in the fifth unit of Heat and Mass Transfer. Swap 'forced convection' and 'natural convection' topics in the syllabus. Also add 'lumped and infinite body' concepts in Unit I.
5. Make 'Dynamic Systems and Mechanical Vibrations' as compulsory subject and instead make 'Robotics' as elective subject.

Chairman-BOS
&
HOD, Mechanical Engg.

H. O. D
Dept. of Mech. Engg
AITAM - TEKKALI

Department of Mechanical Engineering

Minutes of Board of Studies 9th meeting of Mechanical Engineering Department held on 30th November,2020

External Members:

S. No.	Name of the Member	Signature
1.	Dr. B. Balakrishna	Present
2.	Dr. M. Ramji	Present
3.	Dr. V. Rajesh Khana Raju	Present
4.	Sri K. Lakshman	Present

Internal Members:

S. No.	Name of the Member	Signature
1.	Dr. C. J. Rao	
2.	Dr. D. Sreeramulu	
3.	Dr. D. Azad	
4.	Dr. V. Chutti Babu	
5.	Sri D. Lokanadham	
6.	Sri P. Srihari	
7.	Sri B. Ramakrishna	
8.	Sri M. V. Ramana	
9.	Sri N. Ramesh	
10.	Dr. R. Siva Sankar Raju	
11.	Dr. D. Santhosh Kumar	

PG Alumni:

S. No.	Name of the Member	Signature
1.	Mr. Goka Suresh	Present

Agenda :

To discuss & finalize the AR-18 syllabus for IV B.Tech. & AR-20 Course Structure and I B.Tech. syllabus for (Mechanical Engineering).

Board of studies meeting is held on 30th November, 2020 online. BoS External & Internal members are present at the meeting for finalizing the syllabi of AR-18 IV year B.Tech & AR-20 Course Structure and I B.Tech. syllabus (Mechanical Engineering). Following suggestions are made during the meeting.

Cont...

Minutes of Board of Studies 9th meeting of Mechanical Engineering Department held on 30th November, 2020 through Online(Google Meet)

AR18 (B. Tech)

IV Year:

The following points were discussed and changes were suggested in the draft syllabus prepared by the subject experts of the department.

1. It was suggested that some experiments/exercises on FEA need to be on MATLAB coding along with commercial FE software package like ANSYS/ABAQUS in CAE Lab.
2. Further to point 1, it was suggested by the members of BOS that following sequence of exercises need to be followed in CAE Lab.
    a) 1D FE Simulation
    b) 2D FE Simulation
    c) Thermal FE problems
    d) FEA coding for simple 1D bar problems
    e) Toolpath Simulation in CAM

3. Some members of BOS however suggested that if MATLAB coding based FE problems are included the CO-PO attainment may not be possible.

AR20 (B. Tech)

Following points were discussed regarding the proposed AR20 curriculum by the BOS members.

1. It was suggested that Automation based subject need to be included in the 6th Semester, and also if possible include topics PLC, 3D printing and Additive manufacturing in Automation.
2. Problems of Unit V in Thermodynamics subject are to be modified according to the expert member's suggestions.
3. Course Outcomes of Computational Fluid Dynamics need to be changed.
4. There were suggestions to have the proposed Minor's degree in Computational Mechanics or Additive Manufacturing.
5. A '6' credit project may be included in Honors/Minors degrees.

Chairman-BOS
&
HOD, Mechanical Engg.

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Minutes of the 4th meeting of Board of Studies of MBA Department held at 11-00 A.M. on Saturday 28th January, 2017 in the college Campus.

Agenda:

1. A proposal for IVTH SEMESTER Exclusively for Project work
2. To discuss about the revised course structure of MBA AR-16.
3. Finalization of MBA Syllabus & specialization subjects for revised course structure.
4. Any other points with the permission of the Chair.

Members present:

Sl.No	Name of the Member	Designation	Nomination	Signature
1	Dr.B.Balaram	Chairman	HOD	
2	Dr.D.Vishnumurty	Member	Faculty	
3	Dr.C.P.Patnaik	Member	Faculty	
4	Dr.Saumendra Das	Member	Faculty	
5	Sri.N.Sai Babu	Member	Faculty	
6	Dr.I.Murali Krishna Rao	Member	Expert Member Nominated by Academic Council	
7	Dr.V.Krishna Mohan	Member	Expert Member Nominated by Academic Council	28/01/17
8	Dr.N.Samba Siva Rao	Member	Expert Member Nominated by University	
9	Dr.K.S.S. Ramaraju	Member	Expert Member Nominated by Academic Council	
10	Sri. S.Raja Babu	Member	Alumni & Industry	

Points Discussed and Resolutions Passed:

1. "After detailed discussion among the BOS members based on the feedback by stakeholders and members of Academic Council, total 42 numbers of courses are introduced and approved. Out of 42 courses approved. 2 are new courses, 20 are electives and 4 are related to improve Employability/Entrepreneurship/skill development".

2. The Board of Studies (BOS) meeting held on 28/01/2017 in the presence of Hon'ble members in which the lead has taken to revise the existing MBA syllabus (AR16 to AR17) with appropriate and contemporary demand for the highest benefits of the students.
3. The chairman of the BOS proposed the revision of the AR16 syllabus and synchronizing the 4th semester syllabus into previous semesters.
4. Suggestions given by the Hon'ble members of the BOS as 26 theory subjects, 2 labs and 1 project (in 4th semester) should contain the entire two years MBA programme (i. e 22 subjects in first three semesters and in 4th semester 4 specialization subjects and one project).
5. Also suggested that the 4th semester should contain 4 specialization papers which should be completed within the span of two months (8 hours per week*8 weeks=64 hours). The rest of the period of the 4th semester should be internship for the respective students under the close supervision of the internal faculty members even though the students got an opportunity as appointee by his/ her employer.
6. More emphasis by the BOS members given on the account of fullest theoretical knowledge when followed by practical knowledge (internship or job) can make students more confident and potential.
7. To identify the strengths and weaknesses of the students, the Hon'ble BOS members suggested for comprehensive viva-voce at the end of 2nd semester before appearing the MID-II examination.
8. The changes of the subjects denoted in the annexture-1 and enclosed the same.

On this day i.e. at 11-00 A.M. on Saturday 28th January, 2017, all the 10 members of the Board of Studies are present and finally passed the resolution to implement the new structure of syllabus for 2 years MBA programme in Aditya Institute of Technology & Management (An Autonomous Institute), Tekkali.

(Dr.Bora.Balaram)
Chaiman, BOS
MBA Department

Department of MBA

Minutes of the Meetings

Minutes of the 5th meeting of Board of Studies of MBA Department held at 11-00 A.M. on Saturday 16th March, 2019 in the college Campus.

The following Agenda will be discussed in the meeting:

1. Confirmation of the minutes of previous BoS meeting
2. Finalization and approval of MBA course structure and 1ST year Syllabus (AR 19) as per AICTE Recommendations.
3. Discussion on Examination Reform Policy of AICTE.
4. Any other point with permission of the Chair

Points Discussed and Resolutions Passed:

1. After detailed discussion among the BoS members based on the feedback by stakeholders and members of Academic Council, a total 47 numbers of subjects are introduced and approved. Among of 47 subjects; 4 new courses introduced in 1st and 2nd semester and 1new subject in 3rd semester. Electives are divided into functional and non-functional. Under functional electives 4 specializations and under non-functional electives 2 specializations are introduced. For the benefit of the student internship is included at the end of the 2nd semester with 2 credits and project work included at the end of 4th semester with 4 credits. As like previous regulation, pre-placement training is included in 3rd semester to develop personality and communication skill among the students.

2. The Board of Studies (BoS) meeting held on 16/03/2019 in the presence of Hon'ble members to revise the existing MBA syllabus (AR17 to AR19) with appropriate and contemporary industrial demand for the highest benefits of the students.
3. The chairman of the BoS proposed the revision of the AR17 syllabus according to the uniform syllabi prescribed by the AICTE, New Delhi.
4. The Hon'ble members of the BoS suggested offering 47 theory subjects, internship (in 2nd semester) and 1 project (in 4th semester) in the entire two years MBA programme (i. e. 7 subjects in first three semesters and 5 subjects in 4th semester) from both functional and non-functional electives.

5. Members of BoS proposed a total of 104 credits for 26 subjects; 2 credits for internship and 4 credits for project and total 110 credits should provide for entire programme.
6. The BoS members suggested to implement Choice Based Credit System in the aspects of choice of electives in 3rd and 4th semester academic period.
7. To inculcate the social, spiritual values and morals, they suggested to introduce Indian Ethos in Legal Environment of Business and Indian Ethos.
8. In order to strengthen the morality of students, each mid examination should be evaluated with maximum of 40 marks (32 marks for 4 questions) and 4marks each for assignment and presentation.
9. They suggested some recent subjects such as Business Analytics for Decision Making; Financial Statement Analysis & Reporting; Management Theory & Organizational Behaviour; Indian Economy & Business Environment; Entrepreneurship Development; MIS & IT Lab and Corporate Strategy & Business Ethics and approved.
10. BoS members given more emphasis on the account of fullest theoretical knowledge when followed by practical knowledge (internship or job) can make students more confident and potential.
11. The changes of the subjects denoted in the annexture-1 and enclosed the same.

On this day i.e. at 11-00 A.M. on Saturday 16th March, 2019, all the 8 members of the Board of Studies are present and finally passed the resolution to implement the new structure of syllabus for 2 years MBA programme in Aditya Institute of Technology & Management (An Autonomous Institute), Tekkali.

(Dr.B.Balaram)
Chairman, BOS
MBA Department

Date: 16.08.2020

Department of MBA
Minutes of the Meetings

Minutes of the 6th meeting of Board of Studies of MBA Department held through online channel between 9th to 15th August, 2020.

The following Agenda will be discussed in the meeting:

1. Confirmation of the minutes of previous BoS meeting
2. Finalization and approval of MBA course structure and 2nd year (III Semester) Syllabus (AR 19) as per AICTE Recommendations.
3. Any other point with permission of the Chair.

Points Discussed and Resolutions Passed:

1. BoS suggested to merge **Corporate Strategy & Business Ethics** as one of the subjects with 4 credits.
2. It is finalised by BoS that there should be two electives in the third semester as functional and non-functional.
3. There are four functional electives
   a) Marketing
   b) Finance
   c) HRM
   d) Business Analytics
4. BoS suggested to introduced Business Analytics as a new functional elective in the third semester
5. There are two non-functional electives
   a) Micro & Small Business Management
   b) Retail Management
6. BoS suggested to include certain indirect taxation issues in the subject titled **Taxation.**
7. Approved the syllabus of **Human values** (AR-18 B. Tech) which is offered to ECE (3rd Year 1st semester), CE, CSE & IT (3rd Year 2nd semester) and EEE (4th year 1st semester).

On this day i.e. in between 9th to 15th August, 2020 all the 10 members of the Board of Studies are present and finally passed the resolution to introduce the new subjects of syllabus for 2 years MBA (III Semester) programme in Aditya Institute of Technology & Management (An Autonomous Institute), Tekkali through online.

(Dr.K.Venugopal) 16/8/2020
Chairman, BOS
MBA Department

Dept. of MBA
Aditya Institute of Technology & Management
TEKKALI-532 201

Date: 02.12.2020

Department of MBA

Minutes of the Meetings

Minutes of the 7th Meeting of Board of Studies of MBA Department held through online channel on 2nd December 2020.

The following Agenda is discussed in the meeting:

1. Confirmation of the minutes of previous BoS meeting
2. Finalization and approval of MBA course structure and 2nd year (IV Semester) Syllabus (AR 19) and AR – 18 MEMS ,MEFA as per AICTE Recommendations.
3. Any other point with permission of the Chair.

The following points are addressed and discussed in the meeting and resolution passed:

1. In **"Marketing for Small Business"** subject it is advised to change with certain inclusion of Case Study, Success Stories, Sickness and Skill orientation at the stand point of Marketing Management.
2. It is suggested to include Derivative Markets and in specific commodity derivatives and derivative trends in the subjects **"Financial Derivatives"**.
3. It is also suggested that the subject **"Finance and Accounting for Small Business"** should have the inclusion of Policy frame work and Technological applications.

On this day i.e. 02nd December 2020, all the 10 members of the Board of Studies are present and finally passed the resolution to introduce the new subjects of syllabus for 2 years MBA (IV Semester) programme and certain changes are incorporated in AR 19 regulation for MBA in Aditya Institute of Technology & Management (An Autonomous Institute), Tekkali through online.

(Dr.K.Venugopal)
Chairman, BOS
MBA Department

Dept. of M. B. A.
Aditya Institute of Technology & Management
TEKKALI - 532 201

Date: 21.09.2021

Department of MBA

Minutes of the Meetings

Minutes of the 8th Meeting of Board of Studies of MBA Department held through online channel on 21st September 2021.

The following Agenda is discussed in the meeting:

1. Confirmation of the minutes of previous BoS meeting
2. Finalization and incorporation of New Syllabus of Digital Marketing and Big Data Analysis specialization in III Semester II MBA.
3. Any other point with permission of the Chair.

The following points are addressed and discussed in the meeting and resolution passed:

1. It is suggested for inclusion of **"Digital Marketing"** as a specialization as per the practical applications of present Industry demand.
2. It is suggested to include "**Big Data Analytics"** as specialization for growing demand of students from different technical perspectives.
3. In Digital Marketing the subjects such as Customer Relationship Management, Strategic Marketing and Digital and Social Media Marketing should be incorporated.
4. In the Big Data Analytics the subjects such as Social & Web Analytics, HR Analytics, and Marketing Analytics – I should be incorporated.

On this day i.e. 21st September 2021, all the 14 members of the Board of Studies are present and finally passed the resolution to introduce the new subjects of syllabus for 2 years MBA (III Semester) programme and certain changes are incorporated in AR 19 regulation for MBA in Aditya Institute of Technology & Management (An Autonomous Institute), Tekkali through online.

(Dr.K.Venugopal)
Chairman, BOS
MBA Department

Dept. of M. B. A.
ADITYA INSTITUTE OF
TECHNOLOGY & MANAGEMENT
TEKKALI-532 201