



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES RAJAMPET

(An AUTONOMOUS Institution)

Thallapaka Panchayath, New Boyanapalli, RAJAMPET, Kadapa Dist., A.P.-516 126

Minutes of the Combined Boards of Studies meeting (Virtual Mode) held at 10.15 a.m. on 26-08-2021.

- 1) To confirm the minutes of 12th meeting of BOS meeting held on 21.01.2021
 - The minutes of the 12th meeting of the Board of Studies of various Departments of Annamacharya Institute of Technology and Sciences, Rajampet held on 21.01.2021, were confirmed.
- 2) To consider the introduction of new B.Tech. Programme - Artificial Intelligence and Machine Learning
 - The combined Board of Studies resolved to ratify the introduction of Artificial Intelligence and Machine Learning course in B.Tech. from the academic year 2021-22.
- 3) To discuss and finalize the list of Skill Oriented / Skill advanced / Soft skills courses
 - Dr. SMV Narayana, Principal presented the list of Skill Oriented / Skill advanced / Soft skills courses that are offered to B.Tech. students from second year (B.Tech.) onwards and the combined Board of Studies noted and accepted. The list of Skill Oriented / Skill advanced / Soft skills courses are appended in Annexure-A.
- 4) Any other item with the permission of the chair
 - NIL

The combined Board of Studies meeting concluded with vote of thanks by the Chair.

PRINCIPAL
PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
NEW BOYANAPALLI-516 126
RAJAMPET, Kadapa Dist. A.P

ANNAMACHARYA INSTITUTE OF TECHNOLOGY SCIENCES:: RAJAMPET
(An Autonomous Institution)

Meeting: Board of Studies - Artificial Intelligence and Data Science

Date and Time: 26th August, 2021.

Venue: Online (using Microsoft Teams)

**Minutes of 2nd Board of Studies - Artificial Intelligence and Data Science
meeting held on 26th August, 2021 in Online using Microsoft Teams**

Members Present:

- | | | |
|--------------------------|---|----------|
| 1. Dr. K. Prasanna | - | Chairman |
| 2. Dr.S.Ravi Chandra | - | Member |
| 3. Mr.S.Ramanjineyulu | - | Member |
| 4. Mr.N.Arun Kumar Reddy | - | Member |
| 5. Prof. M. Subba Rao | - | Member |
| 6. Dr. Kadiyala Ramana | - | Member |

Members Absent:

- | | | |
|--------------------|---|--------|
| 1. Dr. Vikram Pudi | - | Member |
| 2. Dr.E. Poovammal | - | Member |

RESOLUTIONS

Item No: 02-BOS-1:

Resolved the scheme of instructions for B. Tech. Artificial Intelligence and Data Science proposed by chairman is approved.

Item No: 02-BOS-2:

Resolved the panel of examiners and paper setters proposed by chairman is approved.

Item No: 02-BOS-3:

It is resolved to change the title of the subject "Digital Systems" to "Computer System Architecture".

Item No: 02-BOS-4:

It is resolved to change the title of the subject "Digital Systems Lab" to "Computer System Architecture Lab".

Item No: 02-BOS-5:

It is resolved to change the title of the subject "Java Lab" to "Object Oriented Programming through Java Lab".

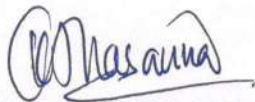
Item No: 06-BOS-4:

The following are the changes and modifications approved by the members of BOS.

S.NO.	Year and Semester	Existing	New
1.	II B.Tech. II Semester	R Programming	Web Programming
2.	III B.Tech. I Semester	Pattern Recognition	Optimization Techniques
3.		Data Mining Lab	Data Mining and Software Engineering Lab
4.		Block Chain Technology	R Programming
5.	III B.Tech. II Semester	Computational Intelligence	Cryptography and Network Security
6.		Optimization Techniques	Natural Language Processing
7.	IV B.Tech. I Semester	Industry 4.0	Computational Intelligence
8.		Natural Language Processing	Pattern Recognition
9.		Intelligent Systems	Linux Programming
10.		Cognitive Science	Block Chain Technology
11.		Health Care Data Analytics	Bio-inspired Computing
12.		Business Intelligence and Analytics	Cloud Computing

Item No: 06-BOS-6:

The members suggested to notify the modifications in syllabi through E-Mail and get the approval.


Chairman-BOS -AI&DS,
(Dr. K. Prasanna)

Academic Year 2020-21

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: RAJAMPET

(AN AUTONOMOUS INSTITUTION)

DEPARTMENT OF CIVIL ENGINEERING

Minutes of XIII Board of Studies Meeting held on 26.08.2021(Virtual Mode)

Date: 26-08-2021

The minutes of BOS held at 10:00 AM on 26.08.2021 in connection with Course structure syllabus formulation for R-20 of II, III and IV B.Tech Civil Engineering by Virtual mode at Civil Engineering Dept., AITS, Rajampet.

Agenda:

- To finalize the course structure R-20 of II, III and IV B.Tech Civil Engineering.
- Any other item with permission of chair.

Members Present:

S No	Name of Attendee	Position	Place
1	Prof. S.M.V. Narayana	Principal	AITS, Rajampet
2	Prof. Y. Sreeramulu	HOD	AITS, Rajampet
3	Dr T. Naresh Kumar	Assoc Prof	AITS, Rajampet
4	Mr D. Gouse Peera	Asst Prof	AITS, Rajampet
5	Mr D. Dharma Simha Reddy	Asst Prof	AITS, Rajampet
6	Dr A. Ramachandra Murthy	Sr. Scientist	SERC, Chennai
7	Sri Madhava Rao	S.E.	Irrigation Dept, Kadapa
8	Prof. Neelima	HoD	IIT, Indore
9	Prof.Appa Rao	HoD	IIT, Madras

The committee went through the course structure of R-20 for II, III, and IV B Tech program and syllabi of Civil Engineering is resolved as follows.

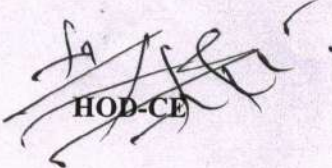
Resolutions:

S No	Semester	Name of Subject	Suggestions
1	III	Managerial Economics and Financial Assistance	Assistance changed as Analysis in name of subject
2	III	Surveying	Title changes for Unit 1 and 2. Unit 5 title changed to Curve setting. Plane table topic changed to Unit 1. Add topics DGPs, detecting existing pipe line, Radar survey (depth, alignment).
3	III	Strength of materials	Unit 4 changed to unit 5. Macaulay's methods and Double integration method changed to Slope and deflection method. Add conjugate beam method, cylinders. Merge unit 3 and 5. Thick and thin shell, columns Add one more unit.
4	III	Fluid mechanics & Hydraulic Engineering	Specific volume topic is repeated. Syllabus is more. Fluid Kinematics changed to unit 2. Add notches topic. Dynamics and weir & Notch applications Merge unit 1 and 2.
5	III	Surveying Lab	Add DGPS, Drone Technology. Total station software – add contouring, LS/CS, Block levels

6	IV	Civil Engineering Drawing	Name of subject changed to Building planning and drawing. Change unit 5 because of less topics.
7	IV	Materials testing and Evaluation	Add specifications ,cement bricks, cement testing non-destructive testing, ultrasonic, rebound hammer.
8	IV	Structural Analysis	Add Propped cantilevers in unit 1. Add analysis of rigid frame (single bay).
9	IV	Material Testing Lab	Add split tensile strength, evaluation of mechanical properties and Mix Design concrete.
10	IV	Computer Aided civil engineering Drawing Lab	Name of subject changed to computer aided building drawing lab. Write properly the word 'AutoCAD'
11	V	Basic Reinforced concrete Design	Remove basic in name of subject.
12	V	Hydrology & Water Resource Engineering	Name of subject changed to Water Resources Engineering. In unit 1 title 'water movement' changed to 'introduction to hydrology'.
13	V	Instrumentation and Sensor Technologies	Video and image aids-Demo add topic irrigation in unit 3. Provide lab. (applications, demo only)
14	V	Watershed Management	Expand topics.
15	V	Sustainable Construction Methods	Name of subject changed to green building technologies.
16	V	Advanced Structural Analysis	Unit 2 title changed to slope deflection method and moment distribution method. Add cantilever and portal in unit 3.
17	V	Remote Sensing and GIS	Swap unit 4 and 5. In unit 3 title, expand GIS. Provide practicals. Provide introduction to GPS. Coordinates – demo only.
18	V	Structural Analysis & Design lab	Add irrigation designs.
19	V	Environmental Engineering lab	Remove theoretical word (BOD)
20	VI	Transportation Engineering	Horizontal alignment and vertical alignment repeated. Material pavement – include Australian method. Increase the number of hours.
21	VI	Engineering Estimation and costing	Add project management – EPC. Add SSR of mechanical and electrical.
22	VI	Soil Mechanics	Swap unit 3 and 5.
23	VI	Advanced RCC Design	Add introduction to staging, load acting on shuttering, wind forces, design of columns and bracings, membrane in unit3
24	VI	Construction project Management	Verify unit 3.
25	VI	Advanced Environmental Engineering	Add topic nonpathogenic bacteria.
26	VI	Transportation Engineering lab	Spelling mistake in bituminous materials.
27	VII	Design of Steel Structures	Structural connection ,testing methods-unit I Add welding tests – infrared.
28	VII	Finite Element methods	In name of subject remove s in methods. Change title in unit III
For Text books year is important. Maintain same format for Prescribed and reference test books.			

Attestation:

S. No	Name of the members	Signature of the members
1	Prof. S.M.V. Narayana Principal, AITS, Rajampet	Attended by virtual mode
2	Prof. Y. Sreeramulu HOD AITS, Rajampet	
3	Dr T. Naresh Kumar Assoc Prof, AITS, Rajampet	
4	Mr D. Gouse Peera Asst Prof, AITS, Rajampet	
5	Mr D. Dharma Simha Reddy Asst Prof, AITS, Rajampet	
6	Dr A. Ramachandra Murthy Sr. Scientist, SERC, Chennai	
7	Sri Madhava Rao S.E., Irrigation Department, Kadapa	
8	Prof. Neelima HOD, IIT, Indore	
9	Prof. Appa Rao HOD, IIT, Madras	


HOD-CE

ANNAMACHARYA INSTITUTE OF TECHNOLOGY SCIENCES::
RAJAMPET
(An Autonomous Institution)

Meeting: Board of Studies – Computer Science and Engineering

Date and Time: 26th August, 2021

Venue: ONLINE-Microsoft Teams

Minutes of 13th Board of Studies- Computer Science and Engineering meeting held on 26th August, 2021 in ONLINE-Microsoft Teams.

Members Present:

- | | | |
|----------------------------------|---|----------|
| 1. Dr. M.Rudra Kumar | - | Chairman |
| 2. Mr. M M Venkata Chalapathi | - | Member |
| 3. Dr. S Aleem Basha | - | Member |
| 4. Mr. J Maruthi Nagendra Prasad | - | Member |
| 5. Dr. D. Vasumathi | - | Member |
| 6. Dr. S. Jyothi | - | Member |
| 7. Dr. N. Sreenath | - | Member |
| 8. Dr. J. Kiran Kumar | - | Member |
| 9. Dr. S. Sumalatha | - | Member |

RESOLUTIONS

The following are the changes suggested by the Board of Studies Expert Members for R20 Regulations.

Item No: 05-BOS-1:

Resolved to Change the title “Digital Systems” as “Computer System Architecture” in II B. Tech. I Semester.

Item No: 05-BOS-2:

Resolved to Change the title “Digital Systems Lab” as “Computer System Architecture Lab” in II B. Tech. I Semester.

Item No: 05-BOS-3:


Resolved to remove the professional elective subject "Visual Programming" and replace it with "Scripting Languages" in III B. Tech. I Semester.

Item No: 05-BOS-4:

Resolved to Change the title "Big Data" as "Big Data Analytics" in IV B. Tech. I Semester.

The following are the changes and modifications approved by the members of BOS for U.G.

S. No.	Year & Semester	Existing	Modified
1	II B.Tech I semester	Digital Systems	Computer System Architecture
2	II B.Tech I semester	Digital Systems Lab	Computer System Architecture Lab
3	III B.Tech I semester	Visual Programming	Scripting Languages
4	IV B.Tech I semester	Big Data	Big Data Analytics


Dr. M. Rudra Kumar
Chairman-BOS-CSE,
AITS, Rajampet
Head of the Department
Computer Science & Engineering
Annamacharya Institute of Technology & Sciences
(Autonomous)
Rajampet-528 120, Kadapa Dist

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::RAJAMPET

(AN AUTONOMOUS INSTITUTION)

Thallapaka Panchayath, New Boyanapalli, Rajampet, Kadapa Dist, A.P. 516126.

(Approved by A.I.C.T.E, New Delhi & Affiliated to Jawaharlal Nehru Technological University Anantapur, Anantapuramu)

Department of Electrical & Electronics Engineering

Minutes of Meeting of the Board of Studies of EEE Department held on 26.08.2021

Members Present:

1. Dr. M.Padma Lalitha	Chairman
2. Dr.M.Sydulu	Member
3. Dr.K.Siva Kumar	"
4. Dr.K.Srinivas	"
5. Mr.P.Amarnath	"
6. Dr.P.B.Chennaiah	"
7. Dr.S.Suresh	"
8. Mr.C.Ganesh	"

Member Absent:

1. Dr.G.Narayanan	Member
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Resolutions:

Item No: 13-BOS-1:

Course structure for R20 Regulations.

- Discussed and finalized detailed course structure for R20 Regulation and enclosed in Annexure-I.

Item No: 13-BOS-2:

Detailed syllabi approval for B.Tech.

- Detailed syllabi was approved for II, III and IV B. Tech in R20 Regulation as enclosed in Annexure-II.

Item No: 13-BOS-3:

Detailed syllabi for approval of Minors and Honors offered by the EEE Dept.

- Detailed syllabi was approved for Minors and Honors offered by EEE Dept.

Item No: 13-BOS-4:

After long discussion, the following suggestions are made.

Suggestions given by Dr.M. Sydulu sir,

- ❖ Suggested to include **Soft computing Techniques or Artificial Intelligent** as open Elective.
- ❖ **PSpice** can be chosen as skill-oriented course.
- ❖ Internship programs have to be organized for providing job opportunities in industrial sectors.
- ❖ Include web resources in syllabus.

Suggestions given by Dr. K. Siva Kumar sir,

- **PSpice and Simulation** can be combinedly included as skill-oriented course.
- **Electrical Machines and Electronics** related subjects with advanced topics can be chosen for Minors Degree.

Suggestions given by Dr.K.Srinivas sir,

- Suggested to include multi-functional meters in **Electrical Measurements** course.

Suggestions recommended by Mr.P.Amarnath,

- ❖ **Oops Through Java** should be preferably included before **Python Programming**.
- ❖ **Cloud Computing** based programs can be organized to avail software opportunities.

Item No: 13-BOS-5:

Resolved to send the recommendations for the approval of the Academic Council.

Dr.M.Padma Lalitha
Chairman

Academic Year 2020-21

Meeting: Board of Studies – Electronics and Communication Engineering

Date and Time: 26th August 2021 at 10:00 AM

Venue: AITS, RAJAMPET.

Minutes of 14th Board of Studies- Electronics and Communication Engineering meeting held on 26th August 2021 (Virtual Mode) at AITS, Rajampet.

Members Present:

1. Prof. CH. Nagaraju, HOD-ECE & Chairman, BOS
2. Dr. K. Riyazuddin, Associate Professor-ECE & Member
3. Dr. J.Chinna Babu, Associate Professor-ECE & Member
4. Mr. C. Venkatesh, Assistant Professor-ECE & Member
5. Dr. S. R. Mahadeva Prasanna, Professor, IIT Dharwad
6. Dr. S. Rajendra Prasad, HOD & Professor, VNRVJIET, Hyderabad & Outside Subject Expert
7. Dr. M. Ramasubba Reddy, Professor, IIT Madras, Chennai & University Nominee
8. Mr. N. Sri Kumar, Senior DGM, L&T Info Tech, Bangalore & Industry Expert
9. Mr. CNJV Prasad, SOC Design Engineer, Hyderabad & Meritorious Alumni member

RESOLUTIONS

Item No. 1: To review the R20 I-B.Tech syllabus.

Dr. Ch. Nagaraju, Chairman-BOS initiated the meeting and presented the draft copy. And requested the members to give suggestions regarding the Course structure (8 Semesters B.Tech. Program) and detailed Syllabi of II, III & IV B.Tech., as per the revised Engineering curriculum of APSCHE, State Govt. of Andhra Pradesh.

1. The I-B.Tech. Syllabus of R20 curriculum has been reviewed by all the expert members.

Item No. 2: Discuss the curriculum structure and to prepare detailed syllabi of II, III and IV year B.Tech. Of ECE

1. As per the revised Engineering curriculum of APSCHE, State Govt. of Andhra Pradesh, the B.Tech. (R20) curriculum has been revised.
 - Five (5) skill based courses are introduced from III semester to VII semester of R20 curriculum and each course carrying 2 credits.

- The VII semester lab courses of R19 curriculum are accommodated in preceding semesters of R20 curriculum as per the requirements.
- 2. The courses 'Analog Communication (III Semester) & Digital communication (IV Semester) of R19 curriculum are combined and named as Communication Systems is placed IV Semester of R20 regulations.
- 3. The course 'Digital Design' (IV Semester) of R19 curriculum is renamed as 'Digital Logic Design' with adequate modifications and it is shifted to III Semester of R20 curriculum.
- 4. The number of choices in the Program Elective Courses of R19 Curriculum is increased from three to four courses of R20 Curriculum.
- 5. The course 'Electronic Circuits' (III Semester) of R19 curriculum is renamed as 'Analog Circuits' with suggested modifications of R20 curriculum.
- 6. As Per APSCHE guidelines, two internship courses are introduced in R20 curriculum.

Item No. 3: Any other item with the permission of Chair

- 1) Mr. CNJV Prasad suggested that; introduce 'HDL Programming Language' as a skilled course introduced by APSCHE that helps the students to bridge the Industry gap.
- 2) Comments and Suggestions have been taken from the experts regarding the preparation of Course structure (8 Semesters B.Tech. Program) and detailed Syllabi of II, III & IV B.Tech of R-20 Curriculum.

The Chairman of BOS has delivered vote of thanks.


CHAIRMAN-BOS
Head of the Department
Electronics & Communication Engineering
Annacharya Institute of Technology & Sciences
New Boyanapalli, Rajampet-516 126.

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES RAJAMPET
(An Autonomous Institution)
DEPARTMENT OF HUMANITIES AND SCIENCES

Twelfth Meeting of Board of Studies (H&S)

Time and Date of Conduct: 11.30 am onwards, 26th August 2021

Venue: Online Meeting (Microsoft Teams)

Members Present (Online):

- | | | |
|--------------------------------|---|------------------|
| 1. Dr. B. Bala Nagendra Prasad | - | Chairman |
| 2. Dr. M. Uma Maheswar | - | Member |
| 3. Dr. M. Praveena | - | Member |
| 4. Dr. R. Rama Raghavulu | - | Member |
| 5. Dr. A. Viswadevarayalu | - | Member |
| 6. Prof. S. P. Dhanvel | - | Member (Outside) |
| 7. Prof. Beeraiah Baire | - | Member (Outside) |
| 8. Prof. K. C. Siva Kumar | - | Member (Outside) |

Members Absent:

- | | | |
|--------------------------------|---|--------------------------|
| 1. Prof. K. S. Ramachandra Rao | - | Member (Outside) |
| 2. Prof. R. Swarna Latha | - | University Nominee |
| 3. Mr. S. Vinay | - | Member (Industry Expert) |

RESOLUTIONS

Item No: 12-BOS-HS1

The Board of Studies resolved to approve the minutes of the 11th Board of Studies meeting held on 20th January 2021

Item No: 12-BOS-HS2

It is resolved to frame syllabi for Basic Science, Humanities, Mandatory courses and Open Elective Courses offered at II, III and IV B. Tech level per R20 Regulations.

Item No: 12-BOS-HS3

It is resolved to frame the syllabi for the following Mathematics courses offered at II B. Tech level

Partial Differential Equations and Numerical Methods	II-I Semester	20AC31T	3	CE, ME
Transform Techniques & Complex Variables	II-I Semester	20AC32T	3	EEE,ECE
Discrete Mathematics	II-II Semester	20AC33T	3	CSE, AIDS & AIML
Probability and Statistics	II-II Semester	20AC41T	3	CE, ME, CSE, AIDS, AIML
Numerical Methods and Random Variables	II-II Semester	20AC42T	3	ECE, EEE

Item No: 12-BOS-HS4

It is resolved to frame the syllabi for Life Sciences course offered at II B. Tech. level

Life Sciences for Engineers	II-I / II-II Semester	20AC34T/44T	3	CSE, CE, AIDS, AIML / EEE, ECE, ME
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Item No: 12-BOS-HS5

It is resolved to frame the syllabi for Skill Oriented Course offered at III B. Tech. level

Professional Communication	III-I / III-II Semester	20AC51L/61L	2	EEE, ECE, ME / CSE, CE, AIDS, AIML
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Item No: 12-BOS-HS6

It is resolved to frame the syllabi for the following Mandatory courses offered at III B. Tech. level.

Constitution of India	III-I / III-II Semester	20AC52T/62T	0	EEE, ECE, ME / CSE, CE, AIDS, AIML
Essence of Indian Traditional Knowledge	III-I / III-II Semester	20AC53T/63T	0	CSE, CE, AIDS, AIML / EEE, ECE, ME

Item No: 12-BOS-HS7

It is resolved to frame the syllabi for the following Open Elective Courses offered at III B. Tech level.

Literature and Life	III-I / III-II Semester	20AC6AT / 7AT	3	
Advanced Engineering Mathematics	III-I / III-II Semester	20AC6BT / 7BT	3	

Item No: 12-BOS-HS8

It is resolved to frame the syllabi for Universal Human Values II course offered at IV B. Tech level.

Universal Human Values II	IV-I Semester	20AC71T	3	Common to All
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Item No: 12-BOS-HS9

It is resolved to send the recommended syllabi for the above courses for approval of the Academic Council.

It is unanimously resolved that the Chairman, Board of Studies, is authorized for any modifications, if necessary.

Sd/-

(Dr. B. Bala Nagendra Prasad)
Chairman-BoS, H&S, AITS

Annamacharya Institute of Technology & Sciences

(AUTONOMOUS)

New Boyanapalli, Rajampet – 516126

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of 13th BOS Meeting held on 26.08.2021

- The 13th Board of Studies was held in the department of mechanical engineering on 26.08.2021 at 11:30 AM.
- Agenda for individual meeting of Board of studies.
 1. To approve R20 – ME – B. Tech – III, IV, V, VI, VII & VIII Semesters detailed syllabi.
 2. Any other item with the permission of the chair
- **Members Attended:**
 - **Chair Person: Dr. A. Hemantha Kumar**, Professor & Head, Dept. of Mechanical Engineering, AITS, Rajampet
 - **Academic Experts: Dr. G. Jaya Chandra Reddy**, Professor & Head, Mechanical Engineering Dept., Y.S.R Engineering College of Yogi Vemana University, Proddatur
 - **Academic Experts: Dr. N. Venkaiah**, Assoc. Professor of Mechanical Engineering, Dean of Students Affairs, Indian Institute of Technology Tirupati, Tirupati.
 - **University Nominee: Dr. M. Ravi Sankar**, Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology Tirupati, Tirupati.
 - **Industry Expert: Mr. P. Balasankar**, Automotive Engineer, Chennai.
 - **Internal Members:**
 - i. **Dr. P. V. Sanjeev Kumar**, Associate Professor, Dept. of Mechanical Engineering, AITS, Rajampet.
 - ii. **Dr. B. Venkatesh**, Associate Professor, Dept. of Mechanical Engineering, AITS, Rajampet.
 - iii. **Mr. G. Suresh Babu**, Assistant Professor, Dept. of Mechanical Engineering, AITS, Rajampet.

As per Agenda the following discussions happened:

1. R20_ME_Course Structure clearly displayed and explained from Semester III to Semester VIII for all categories of professional core, professional elective, open elective and skill oriented courses.
2. As per APSCHE recommendation explained about incorporating 'five' 'Skill Courses' newly for 10 credits from Semester III to Semester VII.
 - a. Auto CAD & Refrigeration and Air Conditioning – ME Domain
 - b. Python Programming & Java Programming – Job Oriented CSE Domain
 - c. Professional Communication – Job Oriented
3. Received recommendations for ME – R20 regulations on below subjects:
 - i. Courses 'Theory of Machines' and 'Manufacturing Processes' from Semester III and Semester IV should be swapped for equal distribution of courses with respect to stream wise.
 - ii. Course title should be 'Theory of Machines' not 'Theory of Machinery'.

Annamacharya Institute of Technology & Sciences

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DEPARTMENT OF MECHANICAL ENGINEERING

- iii. Course – Mechanics of Solids from Semester III received modifications in the syllabus for Unit 2 and 3.
- iv. Course – Manufacturing Processes from Semester IV, modifications are suggested for unit titles 3, 4 & 5.
- v. Course – Recommended to have title as ‘Machine Drawing Lab’.
- vi. Course – Theory of Machines – course title modification suggestions are discussed and recommended to change in syllabus content for all 5 units, as this becomes a new subject by combining ‘kinematics of machinery’ and ‘dynamics of machinery’.
- vii. Course – Design of Machine Elements – I, discussions are made on the syllabus content and suggestions are made on Unit 1, 3 & 5.
- viii. Course – Machine Tools, course title modifications are suggested and syllabus content modifications are suggested on unit 1, 3 & 4.
- ix. Course – ‘Optimization Techniques through MATLAB’ is the course title and received to have title as ‘Optimization Techniques’ because MATLAB is one of the media for optimization, so title should be generic.
- x. Course - Design of Machine Elements – II, Suggestion received on syllabus content with unit 1, 2, 3 & 5.
- xi. Course - Design and Transmission Systems – suggested to change title as ‘Design of Transmission Systems’ and recommended to have changes in syllabus units 1, 3 & 5.
- xii. Course - Automobile Engineering – suggestions received on units 2 & 3 for incorporating electric vehicle power trains topic in transmission system.
- xiii. Course – Unconventional Machining Process – suggested changing course title as ‘Modern Machining Processes’.
- xiv. Course – Suggested to have only one course among ‘Rapid Prototyping’ and ‘Additive Manufacturing’ as per syllabus content.
- xv. Course – ‘Un Conventional Machining Process’ is suggested to include with modern machining methods and title can be modified as ‘Modern Machining Processes’.

Minutes of Meeting / Action Taken:

1. Approved for incorporating five skilled courses, Auto CAD, Refrigeration and Air Conditioning, Python Programming, Java Programming and Professional Communication recommended by APSCHE.
2. As per recommendations received from BOS members and with incorporating them the ME-R20-Course Structure is approved for Semester III to Semester VIII.
3. As BOS members recommended, courses ‘Theory of Machines’ and ‘Manufacturing Processes’ from Semester III and Semester IV are swapped.
4. Course – Mechanics of Solids form Semester III all the modifications are reviewed, approved and incorporated for Unit 2 and 3.
5. Course – Manufacturing Processes from Semester III, modifications suggested are approved and incorporated for unit titles 3, 4 & 5.
6. Course – title is approved and changed as ‘Machine Drawing Lab’.


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DEPARTMENT OF MECHANICAL ENGINEERING

7. Course – ‘Theory of Machines’ course title is modified as recommended by BOS members and syllabus content too modified and incorporated as per suggestions on all units.
8. Course – Design of Machine Elements – I, as per suggestions received on Unit 1, 3 & 5 syllabus content is modified and approved.
9. Course – Machine Tools title is modified as ‘Machining Processes’ as recommended by BOS members and the content changes as recommended are incorporated in unit 1, 3 & 4.
10. Course – ‘Optimization Techniques through MATLAB’ is the course title modified as ‘Optimization Techniques’ and incorporated as course title.
11. Course - Design of Machine Elements – II, as per suggestions made on syllabus content with units 1, 2, 3 & 5 are incorporated and approved.
12. Course – ‘Design of Transmission System’ title is incorporated as suggested from title as ‘Design and Transmission System’ and the syllabus modification on Units 1, 3 & 5 are incorporated and approved.
13. Course – Automobile Engineering – suggestions are incorporated and approved.
14. Course – ‘Modern Machining Processes’ title is modified for course with title ‘Unconventional Machining Process’.
15. Course – ‘Additive Manufacturing’ is approved and incorporated in course structure.
16. Course – ‘Modern Machining Processes’ is modified from ‘Un Conventional Machining Process’ and incorporated in the course structure.



HOD

Encl:

1. Attendance of BOS Meeting
2. Google drive links of meeting videos

• <https://drive.google.com/drive/folders/1g37rcnjcVvMrCSC6qmoNIYZ2jkISh9sk?usp=sharing>

13th BOARD OF STUDIES MEETING MINUTES

Virtual BOS Meeting has been held on 26/08/2021 at 2 PM.

Members of BOS:

Chairman : Dr P Subramanyam

External Members : 1. Prof. S. Venkata Ramanaiah, IIM, Lucknow
2. Prof. K Ravi Shankar, IGNOU, Director, School of Management
3. Dr P Mohan Kumar, Reva University
4. Dr. Mahesh Pavan, Project Manager
5. Mr. C. Jagadeesh, Senior Financial Analyst, VXL Services Ltd,

Internal Members : 1. Mr. K. Subba Reddy (Finance)
2. Mr. K. Bhaskar (Marketing)
3. Dr. T. Navaneetha (HRM)

Agenda:

1. Management subjects offered by MBA department for B.Tech II Year and III Year.
2. Open elective course offered by MBA department.
3. Need to revise the syllabus contents in Business Statistics.
4. Revision of Cost and Management Accounting syllabus.
5. Revision of contents in Financial Institutions, Markets and Services.
6. Need to revise the contents of syllabus in GST and Customs Law.
7. Financial Derivatives subject need to be revised.
8. Discuss related to inclusion of case study in Curriculum.
9. Discussion related to inclusion of new courses.
10. Consideration and approval of the panel of examiners for external examination to be conducted for 2021-2023 batch.
11. Any other items with the permission of the chair.

Members of BOS:

Chairman of BOS:

Dr. P.Subramanyam, Associate Professor & HOD, Department of MBA, AITS(Autonomous), Rajampet – 516126.

Academic Experts:

1. Prof. S. Venkata Ramanaiah., IIM Lucknow
2. Prof. K Ravi Shankar., IGNOU, Director, School of Management
3. Dr P Mohan Kumar., Reva University

Industry Expert:

1. Dr. Mahesh Pavan., Project Manager., IBM

Alumni Representative:

1. Mr. C. Jagadeesh., Senior Financial Analyst, VXL Services Ltd, Bangalore

Internal Members:

1. Mr. K. Subba Reddy., Assistant Professor, Department of MBA, AITS(Autonomous), Rajampet – 516126.
2. K. Bhaskar., Assistant Professor, Department of MBA, AITS(Autonomous), Rajampet – 516126.
3. Dr. T. Navaneetha., Assistant Professor, Department of MBA, AITS(Autonomous), Rajampet – 516126.


The following points were discussed:

1. Cost and Management Accounting syllabus is lengthy. Topics like break even analysis and decisions tree are to be updated.
2. FIMS title should be prompt. Add topics related to Cooperatives as well as Regulations. Remove the concepts related to Micro finance.
3. Add topic like recent amendments in GST Policy in GSt and Customs Law subject.
4. In Financial Derivatives subjects add the concept commodity derivatives.
5. It is advised to revise the contents in Business Statistics as per the students' knowledge levels.
6. In B.Tech MEFA and Management Science subjects are offered. These subjects are dealt by MBA faculty.

- a. In MEFA add Supply function and limited liability partnership concepts, Markets Structure and Forms of Business Organization should be divided into two parts.
 - b. In Management Science subject in Unit II add the concept of Coaching and Mentoring.
 - c. The title of Unit III should be as Operations Management only.
 - d. Financial Management and Marketing management should be separate units.
7. Open electives offered and discussed are HRM and IPR.
- a. In HRM remove the word procurement.
 - b. Unit IV title should be Training and Development
 - c. It is suggested to ask IPR advocate to deliver IPR course.
8. It is advised from expert to add case study in curriculum to develop expertise skills in students.
9. New courses like – (Recommendations)
- a. HR Analytics
 - b. Campaign Management
 - c. Data base Marketing
10. The Panel members approved for the external examination to be conducted for 2021-2023 batch.
11. One of the external members advised to introduce certification courses in the curriculum that create value addition to the students.

Presenting Members:

1. Dr P Subramanyam
2. Dr T Navaneetha *T. Navaneetha*
3. K. Subba Reddy *K. Subba Reddy*
4. K. Bhaskar *K. Bhaskar*
5. Prof. S. Venkata Ramanaiah
6. Prof. K Ravi Shankar
7. Dr P Mohan Kumar
8. Dr Mahesh Pavan


Chairman of BOS
Dr P Subramanyam,
Head of the Department,
MBA Department.

ANNAMACHARYA INSTITUTE OF TECHNOLOGY SCIENCES:: RAJAMPET

(An Autonomous Institution)

Meeting : Board of Studies – MCA

Date and Time : 26th August 2021.

Venue : Online

Minutes of 11th Board of Studies- MCA Meeting held on 26th August 2021.

Members Present:

1. Dr. C. Madana Kumar Reddy Chairman
2. Mr. V. Sathyendra Kumar Member
3. Mrs. P. Swathi Member
4. Dr. V. Madhu Viswanatham Expert Member
5. Dr. M. Sridhar Expert Member
6. Dr. G. Sreedhar University Nominee
7. Mr. G. Sivasankar Expert from Industry

Members Absent:

1. Mr. N.Srirama Krishna Alumnus

RESOLUTIONS

Item No: 11-BOS-1:

The BOS committee has resolved to ratify the minutes of the previous meeting held on 5th October, 2020.

Item No: 11-BOS-2:

The Committee reviewed R20 MCA syllabi.

Item No: 11-BOS-3:

The BOS committee has decided to change the subject title Web Technologies using Java lab to Web Technologies Lab.

Item No: 11-BOS-4:

The BOS committee has decided to introduce the MOOCS Course in III Semester.

Item No: 11-BOS-5:

The BOS committee has decided to introduce Comprehensive Viva-voce in place of Seminar in VI Semester.

Item No: 11-BOS-6:

The BOS committee made a decision to constitute the panel of examiners and paper setters proposed by the chairman.



Chairman-BOS-MCA

(Dr. C. Madana Kumar Reddy)

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES::RAJAMPET
(An Autonomous Institution)

Meeting : **Board of Studies-Artificial Intelligence and Machine Learning**
Date and Time : 26th August, 2021.
Venue : Online.

Minutes of 1st Board of Studies - Artificial Intelligence and Machine Learning meeting held on 26th August, 2021 in online mode.

Members Present

- | | | |
|-------------------------|---|----------|
| 1. Dr.T.Harikrishna | - | Chairman |
| 2. Dr.R.B.V.Subramanyam | - | Member |
| 3. Dr.N.Geethanjali | - | Member |
| 4. Dr.C.NagaRaju | - | Member |
| 5. B.S.Haranatha Reddy | - | Member |
| 6. Dr.J.Krishna | - | Member |
| 7. L.Gangadhar | - | Member |
| 8. Ms.E.Annapoorna | - | Member |

RESOLUTIONS

Item No: 01-BOS-1:

The course structure for B.Tech. Artificial Intelligence and Machine Learning is approved.

Item No: 01-BOS-2:

The syllabi for I B.Tech Artificial Intelligence and Machine Learning is approved with certain modifications.

Item No: 01-BOS-3:

Resolved the panel of examiners and paper setters proposed by chairman is approved.

Item No: 01-BOS-4:

The members suggested to notify the modifications in syllabi via email to all the members and get the return approval.


HOD

Artificial Intelligence and Machine Learning