



2nd Board of Studies for Department of Mechanical Engineering

COURSE STRUCTURE AND DETAILED SYLLABUS

(II & III B.Tech I & II Semesters)



MECHANICAL ENGINEERING

For

B.Tech. DEGREE COURSE

(Regular-Fulltime and Lateral Entry Scheme)



WEST GODAVARI INSTITUTE OF SCIENCE AND ENGINEERING

(AUTONOMOUS)

Approved by AICTE / UGC Recognized Accredited by NAAC / ISO 9001 : 2015 Certified.

Avapadu, Prakasaraopalem, Nallajerla - 534112, E.G.DT., A.P.



Department of Mechanical Engineering

Meeting of BOS Schedule A.Y. 2025-26

The 2nd Board of Studies for Department of Mechanical Engineering held on Saturday, 28-06-2025 at 11:00 AM with the following points of agenda.

Venue: Board Room

Mode of conducting meeting: Google meet online platform

Meeting link: <https://meet.google.com/pyw-vjfw-prb>

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed II & III B. Tech. I & II Semester Mechanical Engineering (Theory and Laboratory) courses of WR24 Regulations. [**Annexure –A**]
3. Finalization of Model Paper & Paper Setters. [**Annexure –B**]
4. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) [**Annexure –C**]
5. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects. [**Annexure –D**]
6. Finalization of Text Books and Reference Books. [**Annexure –E**]
7. Any other item with the permission of the chairman.

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Avapadu, Prakasaraopalem, Nallajerla Mandal, E.G.Dist, A.P-534 112.

Cell : 99512 77789, E-mail : principal.wise@gmail.com, Website : www.wise.ac.in



Members Present:

S. NO	Name(s) of the Member(s)/	Designation	Designation in Committee	Signature
1.	K.MURALIDHAR	Asst. Professor & Head, Department Of Mechanical Engineering	Chairperson	
2.	Dr. K. KRISHNA BHASKAR	Asst Professor, Department Of Mechanical Engineering, JNTU Kakinada.	Member (University Nominee)	
3.	Dr. S. RAJESH	Professor In the Department of Mechanical Engineering, SRKR Engineering College (A)-B9, Bhimavaram	Member (Subject experts from outside the parent University)	
4.	Dr. SAMEER KUMAR DEVARAKONDA	Associate Professor QIS College Of Engineering And Technology, Vengamukka Palem , Ongole	Member (Subject experts from outside the parent University)	
5	Dr. I. HARISH	Professor & Hod Department Of Mechanical Engineering, DNR College Of Engineering And Technology (A), Bhimavaram.	Member (Experts from outside the Autonomous College)	-
6	Mr. GANAPATI RAJU PENMETS	Managing Director, Sun Bio Mass Private Limited Yernagudem, Devarapalli	Member (Industrial Expert)	
7	Mr. G.VEERENDRA KUMAR	Assistant Professor Department of Mechanical Engineering Swarnandhra College of Engineering and Technology (A),Narasapur	Member (College alumni)	
8	Mr. N. Kondayya	Assistant Professor Department of Mechanical Engineering West Godavari Institute of Science And Engineering (A) Prakasaraopalem.	Member	
9	Mr. K. Bharath Kumar	Assistant Professor Department of Mechanical Engineering West Godavari Institute of Science And Engineering (A) Prakasaraopalem.	Member	



Resolutions:

At the outset, the principal of WISE expressed his gratitude to the university nominee and other members of BOS and handed over the session to the chairman of BOS.

Resolutions-1:

The BOS chairman welcomed and introduced the eminent members of BOS to the meeting. He briefed them about structure and pattern of the course. The BOS members expressed their appreciation for structure of curriculum and content of the course. The chairman of BOS placed the agenda for the deliberation of the members. The following deliberations were made as per the items of circular agenda.

Resolutions-2:

- a. BOS considered and approved, the course structure and syllabus for II & III B.Tech I & II semesters (UG) Theory and Laboratory courses (WR24 Regulations) to be taught by Department of Mechanical Engineering (ME) from the academic year 2025-26 onwards.
- b. The subject experts of BOS approved the curricula for II & III B.Tech I & II Semester B. Tech. with minor changes. [Annexure –A]

Resolutions-3:

Discussed and approved the model papers. [Annexure –B]

Resolutions-4:

Discussed and approved the evaluation procedure of Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) both theory and laboratory. [Annexure –C]

Resolutions-5:

Discussed and approved course objectives and FIVE/SIX course outcomes from five units. [Annexure –D]

Resolutions-6:

Discussed and suggested the text books and reference books and also suggested to prefer local author text book for the benefit of the rural students. [Annexure –E]

Resolutions-7:

BOS suggested the faculty to prepare e-content to make use as web resource. The chairman concluded the meeting by summarizing all the agenda points and resolutions.

**2nd Board of Studies for Department of
Electronics and Communication Engineering**

COURSE STRUCTURE

AND

DETAILED SYLLABUS



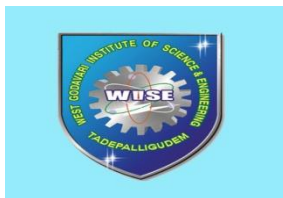
ELECTRONICS & COMMUNICATION ENGINEERING

(II & III B.Tech I & II Semesters)

For

B.Tech. DEGREE COURSE

(Regular-Fulltime and Lateral Entry Scheme)



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Department of Electronics & Communication Engineering

Meeting of 2nd BOS Schedule, A.Y. 2025-26

Minutes of meeting of Board of Studies, Dept. of Electronics & Communication Engineering
II B.Tech I& II Semester (Theory and Lab) Courses held on 28-06-2025 at 3:00 P.M with the
following points of agenda.

Venue: Board Room

Meeting held on: 28-06-2025, 3:00 P.M.

Mode of conducting meeting: Googlemeet online platform

Meeting link: <https://meet.google.com/ewa-ubvj-cwe>

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed II B.Tech I& II Semester (Theory and Lab) Courses of WISE-24 Regulations.[Annexure–A]
3. Finalization of Model Paper. [Annexure–B]
4. To finalize the Evaluation procedure for Continuous Internal Evaluation(CIE) and Semester End Evaluation (SEE) [Annexure –C]
5. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed Subjects.[Annexure –D]
6. Finalization of Text Books and Reference Books.[Annexure–E]
7. Any other item with the permission of the chairman.

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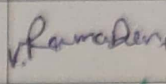
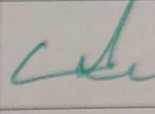

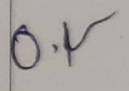
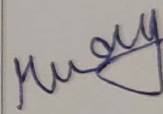
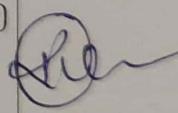
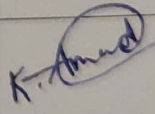
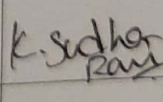
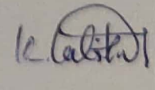
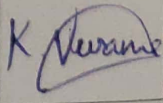
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Department of Electronics & Communication Engineering

Members Present:

S. NO	Name(s) of the Member(s)	Designation	Designation in Committee	Signature
1.	Dr.V.RAMA DEVI	Asst. Professor & Head, Dept of ECE	Chairperson	
2.	Dr. Ch. Srinivasa Rao	Professor & Principal Dept of ECEUCEN, JNTUK,	Member (University Nominee)	
3.	Dr. Srinivas Bachu	Professor Department of ECE Sri Indhu College of Engineering & Technology (Autonomous)	Member (Subject expert)	
4.	Dr. Rangarao Orugu	Associate Professor Department of ECE Vishnu Institute of Technology (Autonomous)	Member (Subject expert)	
5.	Dr. P. S. N. Murty	Principal & Professor Gonna Institute of Information Technology and Sciences	Member (Experts from outside the Autonomous College)	
6.	GANAPATI RAJU PENMETSA	Managing Director SUN BIO MASS PRIVATE LIMITED Yernagudem, Devarapalli, East Godavari	Member (Industrial Expert)	
7.	K. ANAND KUMAR	11PD1A0423	Member (College alumni)	
8.	K. SUDHARANI	Assistant Professor WISE College	Member	
9.	K. LALITHA	Assistant Professor WISE College	Member	
10.	K. VEERANNA BABU	Assistant Professor WISE College	Member	

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11	N.KALPANA	Assistant Professor WISE College	Member	<i>N-Kalpa</i>
12	N.MADHAVI	Assistant Professor WISE College	Member	<i>N-Madhavi</i>

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Resolutions:

At the outset, the principal of WISE expressed his gratitude to the university nominee and other members of BOS and handed over the session to the chairman of BOS.

Resolutions-1:

The BOS chairman welcomed and introduced the eminent members of BOS to the meeting. He briefed them about structure and pattern of the course. The BOS members expressed their appreciation for structure of curriculum and content of the course. The chairman of BOS placed the agenda for the deliberation of the members. The following deliberations were made as per the items of circular agenda.

Resolutions-2:

a. BOS considered and approved, the course structure and syllabus for II B.Tech I & II semesters (UG) Theory and Laboratory courses (WISE -24 Regulations) from the academic year 2025-26 onwards.

b. The subject experts of BOS approved the Curriculum for II B.Tech I & II Semester.

Resolutions-3:

Discussed and approved the model papers and list of paper setters. [Annexure –B]

Resolutions-4:

Discussed and approved the evaluation procedure of Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) both theory and laboratory. [Annexure –C]

Resolutions-5:

Discussed and approved course objectives and six course outcomes from five units and CO – PO Mapping for all the subjects (Theory & Lab). [Annexure –D]

Resolutions-6:

Discussed and suggested the text books and reference books and also suggested to prefer local author text book for the benefit of the rural students.

Resolutions-7: BOS suggested the faculty to prepare e-content to make use as web resource.

The chairman concluded the meeting by summarizing all the agenda points and resolutions.



Dt.27-06-2025.

Dept of Computer Science and Engineering

Meeting of BOS Schedule, A.Y. 2025-26

Minutes of meeting of Board of Studies, Dept of Computer Science and Engineering held on 27-06-2025 at 10:30 A.M with the following points of agenda.

Venue: Board Room

Meeting held on: 27-06-2025, 10:30 A.M.

Mode of conducting meeting: Google Meet platform

Meeting link: <https://meet.google.com/tik-kguc-mcu>

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed II,III B. Tech. I & II Semester Computer Science and Engineering (Theory and Lab) courses of WR24 Regulations. [Annexure –A]
3. Finalization of Model Paper [Annexure–B]
4. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) [Annexure –C]
5. Ratification of Course Objectives and Course Outcomes, CO –PO Mapping for the proposed subjects. [Annexure –D]
6. Finalization of Text Books and Reference Books.[Annexure–E]
7. Any other item with the permission of the chairman.

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Members Present:

S.NO	Name Of BOS Member	Designation	Position in BOS	Signature
1	Dr.P.Amaravathi	Professor & HoD, Dept of CSE	Chairperson	
2	Dr.O.Srinivasarao	Professor & HoD, Dept of CSE, JNTU Kakinada.	Member (University Nominee)	
3	M.Srilakshmi	Associate Professor, Department Of IT, Shri Vishnu Engineering college for Women(A), Bhimavaram.	Member (Subject experts from outside the parent University)	
4	Dr.Kopparthi Suresh	Principal & Professor Dept. of CSE, BIET Engineering College, Bhimavaram.	Member (Subject experts from outside the parent University)	
5	Dr.M.Prasad	Professor in the Department Of CSE, Shri Vishnu Engineering college for Women(A), Bhimavaram.	Member (Experts from outside the Autonomous College)	
6	RajKumar Bonagiri	Managing Director, BlackBucks Private Limited, Vijayawada.	Member (Industrial Expert)	
7	Peddireddy Sowndarya	Software IT Employee	Member (College alumni)	

Resolutions:

At the outset, the principal of WISE expressed his gratitude to the university nominee and other members of BOS and handed over the session to the chairman of BOS.

Resolutions-1:

The BOS chairman welcomed and introduced the eminent members of BOS to the meeting. She briefed them about structure and pattern of the course. The BOS members expressed their appreciation for structure of curriculum and content of the course. The chairman of BOS placed the agenda for the deliberation of the members. The following deliberations were made as per the items of circular agenda.

Resolutions-2:

- a. BOS considered and approved, the course structure and syllabus for II,III B.Tech I & II semesters (UG) Theory and Laboratory courses (WR24 Regulations) to be taught by all the subjects as per Course structure, Department of Computer Science and Engineering from the academic year 2025-26 onwards.
- b. The subject experts of BOS approved the curricula for II,III B.Tech I & II semesters.

Resolutions-3:

Discussed and approved the model papers. [Annexure-B]

Resolutions-4:

Discussed and approved the evaluation procedure of Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) both theory and laboratory. [Annexure -C]

Resolutions-5:

Discussed and approved course objectives and six course outcomes from five units and CO – PO Mapping for all the subjects as per Course structure. [Annexure -D]

Resolutions-6:

Discussed and suggested the textbooks and reference books and also suggested to prefer local author text book for the benefit of the rural students.

Resolutions-7:

BOS suggested the faculty to prepare e-content to make use as web resources.

The chairman concluded the meeting by summarizing all the agenda points and resolutions



Dt.27-06-2025.

Dept of Computer Science and Engineering(Data Science)

Meeting of BOS Schedule, A.Y. 2025-26

Minutes of meeting of Board of Studies, Dept of Computer Science and Engineering (Data Science) held on 27-06-2025 at 12:00 P.M with the following points of agenda.

Venue: Board Room

Meeting held on: 27-06-2025, 12:00 P.M.

Mode of conducting meeting: Google Meet platform

Meeting link:<https://meet.google.com/eaaxmgh-usm>

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed II,III B. Tech. I & II Semester Computer Science and Engineering (Data Science) (Theory and Lab) courses of WR24 Regulations. [Annexure –A]
3. Finalization of Model Paper [Annexure–B]
4. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) [Annexure –C]
5. Ratification of Course Objectives and Course Outcomes, CO –PO Mapping for the proposed subjects. [Annexure –D]
6. Finalization of Text Books and Reference Books.[Annexure–E]
7. Any other item with the permission of the chairman.

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Members Present:

S.NO	Name Of BOS Member	Designation	Position in BOS	Signature
1	D. Haritha	Associate Professor & HoD, Dept of CSD	Chairperson	D. Haritha
2	Dr.A.S.N Chakravarthy	Professor, Dept of CSE, JNTUKakinada.	Member (University Nominee)	A.S.N.
3	Dr.A.Rammurthy	Professor In The Department Of CSE, DNR College of Engineering (A),Bhimavaram	Member (Subject experts from outside the parent University)	A.R.
4	Dr.M.Vamsi Krishna	Professor & HoD, Dept. of Computer Applications, Aditya University, Kakinada	Member (Subject experts from outside the parent University)	M. Vamsi Krishna
5	Dr.V.Pavan Kumar	Professor in the Department Of IT, Shri Vishnu Engineering college for Women(A), Bhimavaram.	Member (Experts from outside the Autonomous College)	V.P.K.
6	RajKumar Bonagiri	Managing Director, BlackBucks Private Limited Vijayawada	Member (Industrial Expert)	RajKumar Bonagiri
7	Peddireddy Sowndarya	Software IT Employee	Member (College alumni)	P. Sowndarya

Resolutions:

At the outset, the principal of WISE expressed his gratitude to the university nominee and other members of BOS and handed over the session to the chairman of BOS.

Resolutions-1:

The BOS chairman welcomed and introduced the eminent members of BOS to the meeting. She briefed them about structure and pattern of the course. The BOS members expressed their appreciation for structure of curriculum and content of the course. The chairman of BOS placed the agenda for the deliberation of the members. The following deliberations were made as per the items of circular agenda.

Resolutions-2:

- a. BOS considered and approved, the course structure and syllabus for I B.Tech I & II semesters (UG) Theory and Laboratory courses (WISE - 24 Regulations) to be taught by Introduction to Programming(ITP), Data Structures and IT Workshop lab, Department of Computer Science and Engineering (Data Science) from the academic year 2024-25 onwards.
- b. The subject experts of BOS approved the curricula for I B.Tech I & II semesters.

Resolutions-3:

Discussed and approved the model papers. [Annexure–B]

Resolutions-4:

Discussed and approved the evaluation procedure of Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) both theory and laboratory. [Annexure –C]

Resolutions-5:

Discussed and approved course objectives and six course outcomes from five units and CO – PO Mapping for the Introduction to Programming(ITP), Data Structures (Theory & Lab) and IT Workshop lab. [Annexure –D]

Resolutions-6:

Discussed and suggested the textbooks and reference books and also suggested to prefer local author text book for the benefit of the rural students.

Resolutions-7:

BOS suggested the faculty to prepare e-content to make use as web resource.

The chairman concluded the meeting by summarizing all the agenda points and resolutions



DEPARTMENT OF MANAGEMENT STUDIES

Meeting of BOS Schedule, A.Y. 2025-26

Minutes of meeting of Board of Studies, Department of Management Studies held on 22-07-2025 at 01:00 P.M with the following points of agenda.

Venue: Board Room

Meeting held on: 22-07-2025 at 01:00 P.M

Mode of conducting meeting: Google meet online platform

Meeting link : <https://meet.google.com/kfk-zvck-def>

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed II MBA . III &IV Semester (Theory and Lab) of WISE -24 Regulations.
3. Finalization of Model Question Paper.
4. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
5. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
6. Finalization of Text Books and Reference Books.
7. Any other item with the permission of the chairman.

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The following members attended the meeting:

S.No	Name Of BOS Member	Designation	Designation in Committee	Signature
1	Dr. A.S.PRASAD	Professor & Head Department of Management Studies	Chair Person	
2	Dr. K.KALYAN CHAKRAVARTHY	Professor, Department of Management Studies Rajiv Gandhi University of Knowledge Technologies RK Valley , YSR kadapa	Member Subject Expert	
3	Dr. R.PARDHASARADHI	Professor, Department of Management Studies Dr. C S Rao PG Centre, Sri . Y.N COLLEGE Narsapur	Member Subject Expert	
4	Dr. P.UMAMAHESWARI DEVI	Professor, Department of Management Studies AKNU, Rajamahendravaram	Member (University Nominee)	
5	Dr. K.GANGA RAJU	Associate Professor, Department of CSBS Vishnu Institute of Technology . Bhimavaram	Member Subject Expert	
6	Sri. P .GANAPATI RAJU	MD SUN BIO MASS PRIVATE LIMITED, SURYANARAYANAPURAM	Member Industry Expert	
7	Ms. T.PAVANI SANDHYA	(ROLLNO: 19PD1E0055) 2019-21 BATCH	Member Alumni	
8	Mr. M. PRASANNA KUMAR	Assistant Professor W.I.S.E	Member	
9	Ms. N. DEVI SIREESHA	Assistant Professor W.I.S.E	Member	
10	Ms. A.VIJAYASIRI	Assistant Professor W.I.S.E	Member	
11	Ms. U.JHANSI RANI	Assistant Professor W.I.S.E	Member	



Resolutions:

At the outset, the principal of WISE expressed his gratitude to the university nominee and other members of BOS and handed over the session to the chairman of BOS.

Resolutions-1:

The BOS chairman welcomed and introduced the eminent members of BOS to the meeting. He briefed them about structure and pattern of the course. The BOS members expressed their appreciation for structure of curriculum and content of the course. The chairman of BOS placed the agenda for the deliberation of the members. The following deliberations were made as per the items of circular agenda.

Resolutions-2:

- a. BOS considered and approved, the course structure and syllabus for III & IV semesters (PG) Theory and Laboratory courses (WISE-24 Regulations) to be taught by Department of Management Studies from the academic year 2024-25 onwards.
- b. The subject experts of BOS approved the curriculum for I & II Semester of MBA. with minor changes.

Resolutions-3:

Discussed and approved the model papers and list of paper setters. [Annexure –B]

Resolutions-4:

Discussed and approved the evaluation procedure of Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) both theory and laboratory. [Annexure –C]

Resolutions-5:

Discussed and suggested the text books and reference books and also suggested to prefer local author text books for the benefit of the rural students.

Resolutions-6:

BOS suggested the faculty to prepare e-content to make use as web resource.

The chairman concluded the meeting by summarizing all the agenda points and resolutions.