

**Resolutions of the
1st BOS Meeting of the Civil Department
2025-26**



Date:26.02.2026
Time: 11:00 AM
Mode: Hybrid Mode

Resolutions of the 1st BOS Meeting of the Civil Engineering Department of Eswar College of Engineering (Autonomous), Kesanupalli held on 26.02.2026 (Through Hybrid Mode)

Members Present

S. No	Name of the Member	Designation/Occupation	Category
1	Sk. Shareef	Head of the Department	Chairman
2	T. Venugopala Chari	Assistant professor	One Faculty from each specialization from the College
3	Sk. Dilshad	Assistant professor	
4	G. Bharadwaj Sri Harsha	Assistant professor	
5	B. Sai Teja	Assistant professor	
6	N. Chanda Sekhar	Assistant professor	
7	Dr. E. ArunaKanthi	Professor, Dept of Civil Engineering, Jawaharlal Nehru Technological University, Anantapur	Subject experts outside parent university
8	Dr. D. Chandra Mouli	Associate Professor, Dept of Civil Engineering, Acharya Nagarjuna University	
9	Dr. G. Yesuratnam	Professor, Dept., of Civil Engineering UCEK, JNTUK, Kakinada	University Nominee
10	K. Rama Kamal	Senior Engineer, QS & Planning, BSR Infratech India LTD, Bangalore	Industry
11	D. Venkata Rao	Technical Engineer, Sriram Associate (Hyderabad)	Alumni

Members Absent: Nil

The quorum being present, the Chairperson called the meeting to order.

MINUTES OF THE FIRST BOARD OF STUDIES MEETING

Department of Civil Engineering

Agenda: 2026/Civil/BOS-1

The First Board of Studies meeting of the Department of Civil Engineering was conducted as per the scheduled agenda. The Chairperson welcomed all internal members, external academicians, industry experts, university nominees, and invitees. The following agenda items were discussed and the resolutions were recorded.

Item No. 1.1 – Welcome of the Members and Invitees

The Chairperson extended a warm welcome to all the members of the Board of Studies and highlighted the importance of collaborative academic planning.

Resolution:

The Board noted the welcome note and commencement of the First Board of Studies Meeting.

Item No. 1.2 – Address by the Chairperson of the Board of Studies

The Chairperson addressed the members regarding the academic vision of the Civil Engineering program, emerging technologies, industry requirements, and the need for outcome-based education.


Resolution:

The Board noted the Chairperson's address and acknowledged the academic directions proposed for strengthening the Civil program.

Item No. 1.3 – Presentation of Programme Structure (Semester-wise) for Civil Engineering

The semester-wise programme structure for I B.Tech Civil was presented, including course distribution, credits, and curriculum design aligned with current industry trends.

Resolution:

After detailed discussion, the Board ratified the  programme structure for implementation from the forthcoming academic batch.

Item No. 1.4 – Presentation of Syllabus for Civil Engineering

The detailed syllabi of core theory courses and laboratory courses were presented and discussed. Suggestions were provided by external experts to enhance practical exposure and research orientation.

Resolution:

The Board ratified the finalized syllabus for Civil Engineering core courses and laboratories with suggested modifications.

Item No. 1.5 – Ratification of Academic Regulations, and Credit Structure

The academic regulations, credit distribution, L–T–P structure were discussed in detail.

Resolution:

The Board ratified the Academic Regulations, and Credit Structure for the Civil Engineering.

Item No. 1.6 – Any Other Item with the Permission of the Chair

The Board discussed several valuable suggestions proposed by the honorable members under this agenda.

The department of civil Engineering presented the proposal stating that the present I B.Tech course structure, syllabus, and credit system are designed in line with the JNTUK framework, ensuring academic uniformity and smooth implementation during the current academic phase.

Dr. G. Yesuratnam, Professor, Department of Civil Engineering, UCEK, JNTUK, Kakinada, University Nominee, also noted that the department is currently implementing the JNTUK syllabus and advised maintaining the same until revised academic regulations are introduced.

Dr. E. Arunakanthi, Professor, Department of Civil Engineering, Jawaharlal Nehru Technological University, Anantapur, Subject Expert outside the parent university, observed that the department is presently following the JNTUK syllabus and advised to continue the same until further academic revisions are implemented.

Dr. D. Chandra Mouli, Associate Professor, Department of Civil Engineering, Acharya Nagarjuna University, Subject Expert outside the parent university, observed that the department is presently following the JNTUK syllabus and suggested continuing the same until further academic revisions are implemented.

Mr. K. Ramakamal, Industrial Expert from Senior Engineer, QS & Planning, BSR Infratech India LTD, Bangalore, suggested to enhance industry readiness, employability, and professional competence of Civil Engineering students

After detailed deliberations, the Board ratified the suggestions of the members and resolved to consider the implementation of the proposed activities in a phased manner, while continuing with the existing JNTUK syllabus as recommended.

Vote of thanks

The meeting has concluded with a vote of thanks proposed by Sk. Shareef, expressing sincere gratitude to all the members for their valuable guidance and participation.

The meeting ended at 12:10 PM with the consent of the Chair.

DEPARTMENT OF CIVIL ENGINEERING

BOS

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1	Sk. Shareef	Head of the department	Chairman
2	T. Venugopala chari	Assistant professor	One faculty from each specialization from the college
3	Sk. Dilshad	Assistant professor	
4	G. Bharadwaj sri harsha	Assistant professor	
5	B. Sai teja	Assistant professor	
6	N. Chanda sekhar	Assistant professor	
7	Dr. E. Arunakanthi	Professor, dept of civil engineering, Jawaharlal Nehru Technological university, Anantapur	Subject experts outside parent university
8	Dr. D. Chandra mouli	Associate professor, dept of civil engineering, Acharya Nagarjuna university	
9	Dr. G. Yesuratnam	Professor, dept., of civil engineering UCEK, JNTUK, kakinada	University nominee
10	K. Rama kamal	Senior engineer, qs & planning, bsr infratech india ltd, bangalore	Industry
11	D. Venkata rao	Technical engineer, sriram associate (hyderabad)	Alumni

DEPARTMENT OF Civil ENGINEERING - BOS

AGENDA – FIRST BOARD OF STUDIES MEETING

Agenda (2026/Civil/BOS–1)

- 1.1 Welcome of the Members and Invitees of the Board of Studies Meeting.
- 1.2 Address by the Chairman of the Board of Studies.
- 1.3 Presentation of the Programme Structure (Semester-wise) for Civil Engineering.
- 1.4 Presentation of Syllabus for Civil Engineering.
- 1.5 Ratification of Academic Regulations, Credit Structure.
- 1.6 Any Other Item with the Permission of the Chair.
- 1.7 Vote of Thanks



B.Tech. – I Year I Semester (for Group-A Branches)

S.No.	Category	Title	L/D	T	P	Credits
1	BS&H	Communicative English	2	0	0	2
2	BS&H	Engineering Chemistry/ Chemistry/Fundamental Chemistry	3	0	0	3
3	BS&H	Linear Algebra & Calculus	3	0	0	3
4	Engineering Science	Basic Civil & Mechanical Engineering	3	0	0	3
5	Engineering Science	Introduction to Programming	3	0	0	3
6	BS&H	Communicative English Lab	0	0	2	1
7	BS&H	Engineering Chemistry/ Chemistry/Fundamental Chemistry Lab	0	0	2	1
8	Engineering Science	Engineering Workshop	0	0	3	1.5
9	Engineering Science	Computer Programming Lab	0	0	3	1.5
10	BS&H	Health and wellness, Yoga and Sports	-	-	1	0.5
Total			14	00	11	19.5

B.Tech. – I Year I Semester (for Group-B Branches)

S.No.	Category	Title	L/D	T	P	Credits
1	BS&H	Engineering Physics	3	0	0	3
2	BS&H	Linear Algebra & Calculus	3	0	0	3
3	Engineering Science	Basic Electrical & Electronics Engineering	3	0	0	3
4	Engineering Science	Engineering Graphics	1	0	4	3
5	Engineering Science	Introduction to Programming	3	0	0	3
6	Engineering Science	IT Workshop	0	0	2	1
7	BS&H	Engineering Physics Lab	0	0	2	1
8	Engineering Science	Electrical & Electronics Engineering Workshop	0	0	3	1.5
9	Engineering Science	Computer Programming Lab	0	0	3	1.5
10	BS&H	NSS/NCC/Scouts & Guides/Community Service	-	-	1	0.5
Total			13	00	15	20.5



B.Tech. – I Year II Semester (for Group-A Branches)

S.No.	Category	Title	L/D	T	P	Credits
1	BS&H	Engineering Physics	3	0	0	3
2	BS & H	Differential Equations & Vector Calculus	3	0	0	3
3	Engineering Science	Basic Electrical and Electronics Engineering	3	0	0	3
4	Engineering Science	Engineering Graphics	1	0	4	3
5	Engineering Science	IT Workshop	0	0	2	1
6	Professional Core	Data Structures / Electrical Circuit Analysis – I (Branch specific)	3	0	0	3
7	BS&H	Engineering Physics Lab	0	0	2	1
8	Engineering Science	Electrical and Electronics Engineering Workshop	0	0	3	1.5
9	Professional Core	Data Structures Lab / Electrical Circuit Analysis – I Lab	0	0	3	1.5
10		NSS/NCC/Scouts & Guides/Community Service	-	-	1	0.5
Total			13	00	15	20.5

B.Tech. – I Year II Semester (for Group-B Branches)

S.No.	Category	Title	L	T	P	Credits
1	BS&H	Communicative English	2	0	0	2
2	BS & H	Engineering Chemistry / Chemistry / Fundamental Chemistry	3	0	0	3
3	Engineering Science	Differential Equations & Vector Calculus	3	0	0	3
4	Engineering Science	Basic Civil & Mechanical Engineering	3	0	0	3
5	Professional Core	Engineering Mechanics/Network Analysis/ Data structures (Branch specific)	3	0	0	3
6	BS&H	Communicative English Lab	0	0	2	1
7	BS&H	Engineering Chemistry / Chemistry / Fundamental Chemistry Lab	0	0	2	1
8	Engineering Science	Engineering Workshop	0	0	3	1.5
9	Professional Core	Engineering Mechanics & Building Practices Lab Engineering Mechanics Lab/Network Analysis Lab/ Data structures Lab	0	0	3	1.5
10		Health and wellness, Yoga and Sports	-	-	1	0.5
Total			14	00	11	19.5

L	T	P	C
3	0	0	3

BASIC CIVIL AND MECHANICAL ENGINEERING

(Common to All branches of Engineering)

Course Objectives:

- Get familiarized with the scope and importance of Civil Engineering sub-divisions.
- Introduce the preliminary concepts of surveying.
- Acquire preliminary knowledge on Transportation and its importance in nation's economy.
- Get familiarized with the importance of quality, conveyance and storage of water.
- Introduction to basic civil engineering materials and construction techniques.

Course Outcomes: On completion of the course, the student should be able to:

- CO1: Understand various sub-divisions of Civil Engineering and to appreciate their role in ensuring better society.
- CO2: Know the concepts of surveying and to understand the measurement of distances, angles and levels through surveying.
- CO3: Realize the importance of Transportation in nation's economy and the engineering measures related to Transportation.
- CO4: Understand the importance of Water Storage and Conveyance Structures so that the social responsibilities of water conservation will be appreciated.
- CO5: Understand the basic characteristics of Civil Engineering Materials and attain knowledge on prefabricated technology.

UNIT I

Basics of Civil Engineering: Role of Civil Engineers in Society- Various Disciplines of Civil Engineering- Structural Engineering- Geo-technical Engineering- Transportation Engineering - Hydraulics and Water Resources Engineering - Environmental Engineering-Scope of each discipline - Building Construction and Planning- Construction Materials-Cement - Aggregate - Bricks- Cement concrete- Steel. Introduction to Prefabricated construction Techniques.

UNIT II

Surveying: Objectives of Surveying- Horizontal Measurements- Angular Measurements- Introduction to Bearings Levelling instruments used for levelling -Simple problems on levelling and bearings-Contour mapping.

UNIT III

Transportation Engineering Importance of Transportation in Nation's economic development- Types of Highway Pavements- Flexible Pavements and Rigid Pavements - Simple Differences. Basics of Harbour, Tunnel, Airport, and Railway Engineering.

Water Resources and Environmental Engineering: Introduction, Sources of water- Quality of water- Specifications- Introduction to Hydrology–Rainwater Harvesting-Water Storage and Conveyance Structures (Simple introduction to Dams and Reservoirs).

Textbooks:

1. Basic Civil Engineering, M.S.Palanisamy, , Tata Mcgraw Hill publications (India) Pvt. Ltd. Fourth Edition.
2. Introduction to Civil Engineering, S.S. Bhavikatti, New Age International Publishers. 2022. First Edition.
3. Basic Civil Engineering, Satheesh Gopi, Pearson Publications, 2009, First Edition.

Reference Books:

1. Surveying, Vol- I and Vol-II, S.K. Duggal, Tata McGraw Hill Publishers 2019. Fifth Edition.
2. Hydrology and Water Resources Engineering, Santosh Kumar Garg, Khanna Publishers, Delhi. 2016
3. Irrigation Engineering and Hydraulic Structures - Santosh Kumar Garg, Khanna Publishers, Delhi 2023. 38th Edition.
4. Highway Engineering, S.K.Khanna, C.E.G. Justo and Veeraraghavan, Nemchand and Brothers Publications 2019. 10th Edition.
5. Indian Standard DRINKING WATER — SPECIFICATION IS 10500-2012.

L	T	P	C
0	0	3	1.5

ENGINEERING MECHANICS & BUILDING PRACTICES LAB (Civil Engineering & allied branches)

Course Objectives: The students completing the course are expected to

- Verify the Law of Parallelogram of Forces and Lami's theorem.
- Determine the coefficients of friction of Static and Rolling friction and Centre of gravity of different plane Lamina.
- Understand the layout of a building, concepts of Non-Destructive Testing and different Alternative Materials.

Course Outcomes: On completion of the course, the student should be able to:

CO1: Evaluate the coefficient of friction between two different surfaces and between the inclined plane and the roller.

CO2: Verify Law of Parallelogram of forces and Law of Moment using force polygon and bell crank lever.

CO3: Determine the Centre of gravity different configurations and

CO4: Understand the Quality Testing and Assessment Procedures and principles of Non-Destructive Testing.

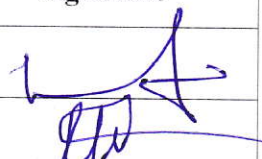
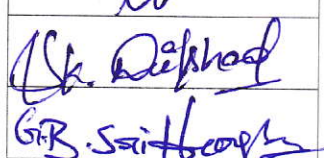
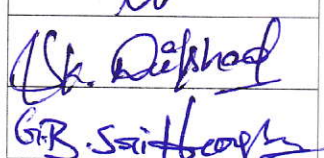


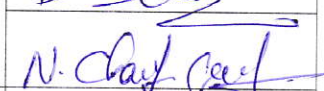
CO5: Exposure to safety practices in the construction industry.

Students have to perform any 10 of the following Experiments:

1. To study various types of tools used in construction.
2. Forces in Pin Jointed Trusses
3. Experimental Proof of Lami's Theorem
4. Verification of Law of Parallelogram of Forces.
5. Determination of Center of Gravity of different shaped Plane Lamina.
6. Determination of coefficient of Static and Rolling Friction.
7. Verification of Law of Moment using Rotation Disc Apparatus and Bell Crank Lever
8. Study of Alternative Materials like M-sand, Fly ash, Sea Sand etc.
9. Field-Visit to understand the Quality Testing - report.
10. Safety Practices in Construction industry
11. Demonstration of Non-Destructive Testing - using Rebound Hammer & UPV
12. Study of Plumbing in buildings.

DEPARTMENT OF CIVIL ENGINEERING

BOS

S. No	Name of the member	Designation/occupation	Category	Signature
1	Sk. Shareef	Head of the department	Chairman	
2	T. Venugopala chari	Assistant professor	One faculty from each specialization from the college	
3	Sk. Dilshad	Assistant professor		
4	G. Bharadwaj sri harsha	Assistant professor		
5	B. Sai teja	Assistant professor		
6	N. Chanda sekhar	Assistant professor		
7	Dr. E. Arunakanthi	Professor, Dept Of Civil Engineering, Jawaharlal Nehru Technological University, Anantapur	Subject experts outside parent university	Approved through mail
8	Dr. D. Chandra mouli	Associate Professor, Dept Of Civil Engineering, Acharya Nagarjuna University		Approved through mail
9	Dr. G. Yesuratnam	Professor, Dept., Of Civil Engineering UCEK, JNTUK, Kakinada	University nominee	Approved through mail
10	K. Rama kamal	Senior Engineer, Qs & Planning, BSR Infratech India Ltd, Bangalore	Industry	Approved through mail
11	D. Venkata rao	Technical Engineer, Sriram Associate (Hyderabad)	Alumni	Approved through mail

Re: Minutes of BOS Meeting(26-02-2026) – Approval Request

From Degala venkatarao <degalavenkatarao12@gmail.com>

Feb 26, 3:24 PM ☆ ↶ ⋮

to me ▾

Approval Request Accepted

On Thu, 26 Feb 2026 at 15:04, <hodce@eswarcollegeofengg.org> wrote:

Respected Sir/Madam,

Greetings.

Please find attached the Minutes of the Board of Studies meeting conducted on 26-02-2026 for the Department of Civil Engineering.

Kindly review the document and confirm your approval. If any modifications are required, please suggest the same at the earliest.

Upon receiving your approval, the document will be forwarded for Academic Council ratification.

Thanking you for your valuable guidance and participation.

Yours Sincerely,

Sk. Shareef,

HOD - Civil Engineering Department,

Eswar College Of Engineering(Autonomous),

Narasaraopet, Palnadu District,

Andhra Pradesh - 522601

Re: Minutes of BOS Meeting(26-02-2026) – Approval Request

From Dr.E.Aruna kanthi <arunakanthi.civil@jntua.ac.in>

Mar 2, 10:49 AM ☆ ↶ ⋮

to me ▾

Approved

Prof.E.Arunakanthi,
Civil Engg. Dept.,
JNTUA College of Engg. Anantapur
JNT University Anantapur,
Anantapur-515002.

On Thu, 26 Feb, 2026, 2:56 pm , <hodce@eswarcollegeofengg.org> wrote:

Respected Sir/Madam,

Greetings.

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Upon receiving your approval, the document will be forwarded for Academic Council ratification.

Thanking you for your valuable quick participation.

Re: Minutes of BOS Meeting(26-02-2026) – Approval Request

From Chandra Mouli <cm4ssm@gmail.com>

Mar 2, 11:16 AM ☆ ↻ ⋮

to me ▾

Dear sir
I hereby approve the MOM and Syllabus proposed based on the discussion in BOS and the documents sent through the mail. please consider this mail as approval for the same.
Thanks and Regards

On Thu, Feb 26, 2026 at 3:00 PM <hodce@eswarcollegeofengg.org> wrote:

Respected Sir/Madam,
Greetings.
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Upon receiving your approval, the document will be forwarded for Academic Council ratification.
Thanking you for your valuable guidance and participation.
Yours Sincerely,
Sk. Shareef,
HOD - Civil Engineering Department,
Eswar College Of Engineering(Autonomous)

Re: Minutes of BOS Meeting(26-02-2026) – Approval Request

From ramakamal kommineni <ramakamalkommineni@gmail.com>

Feb 26, 3:28 PM ☆ ↶ ⋮

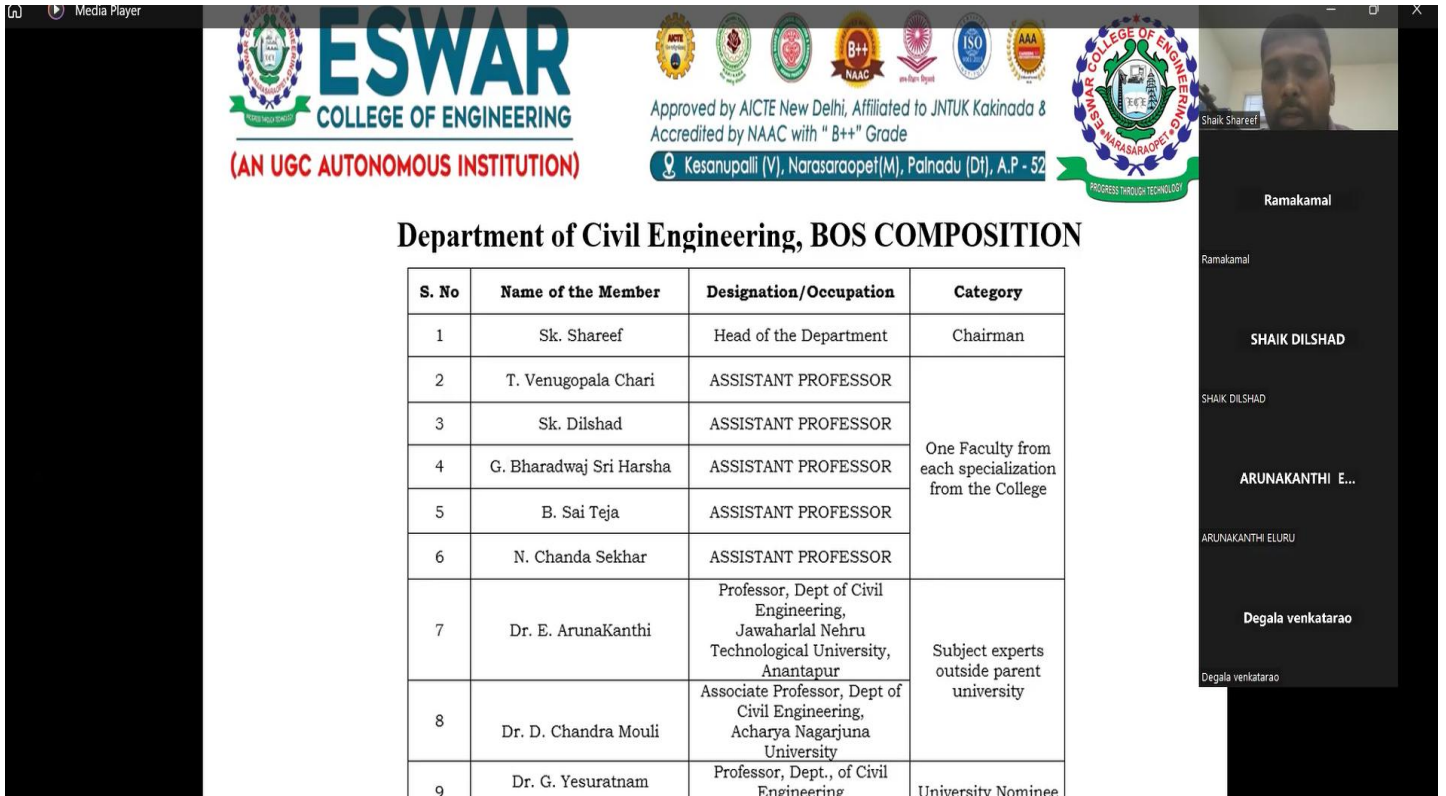
to me ▾

Yes approval request is accepted.

With Regards,

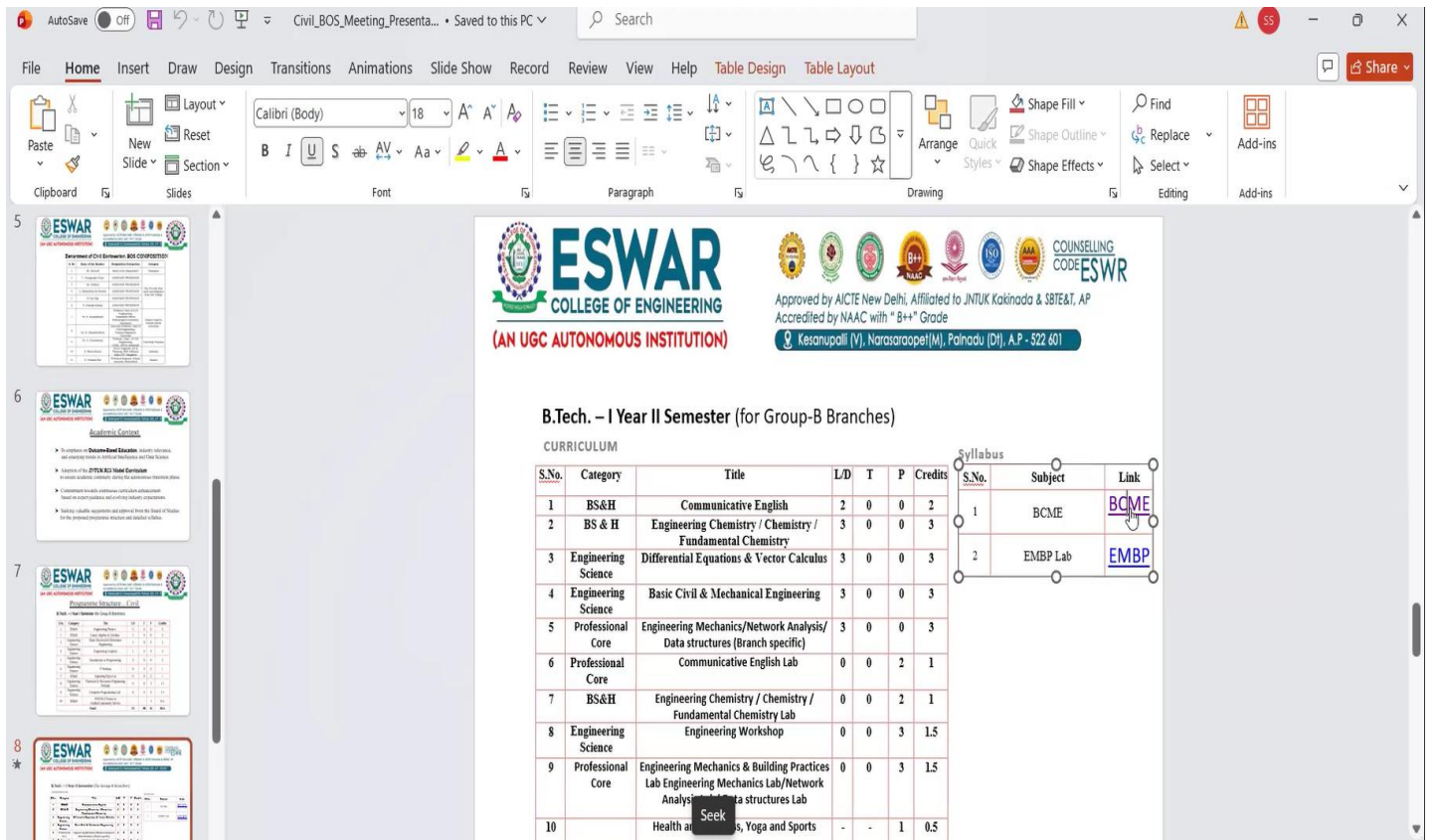
K.Ramakamal

On Thu, 26 Feb 2026 at 3:02 PM, <hodce@eswarcollegeofengg.org> wrote:



Department of Civil Engineering, BOS COMPOSITION

S. No	Name of the Member	Designation/Occupation	Category
1	Sk. Shareef	Head of the Department	Chairman
2	T. Venugopala Chari	ASSISTANT PROFESSOR	One Faculty from each specialization from the College
3	Sk. Dilshad	ASSISTANT PROFESSOR	
4	G. Bharadwaj Sri Harsha	ASSISTANT PROFESSOR	
5	B. Sai Teja	ASSISTANT PROFESSOR	
6	N. Chanda Sekhar	ASSISTANT PROFESSOR	
7	Dr. E. ArunaKanthi	Professor, Dept of Civil Engineering, Jawaharlal Nehru Technological University, Anantapur	Subject experts outside parent university
8	Dr. D. Chandra Mouli	Associate Professor, Dept of Civil Engineering, Acharya Nagarjuna University	
9	Dr. G. Yesuratnam	Professor, Dept., of Civil Engineering	University Nominee



B.Tech. – I Year II Semester (for Group-B Branches)

CURRICULUM

S.No.	Category	Title	L/D	T	P	Credits
1	BS&H	Communicative English	2	0	0	2
2	BS & H	Engineering Chemistry / Chemistry / Fundamental Chemistry	3	0	0	3
3	Engineering Science	Differential Equations & Vector Calculus	3	0	0	3
4	Engineering Science	Basic Civil & Mechanical Engineering	3	0	0	3
5	Professional Core	Engineering Mechanics/Network Analysis/ Data structures (Branch specific)	3	0	0	3
6	Professional Core	Communicative English Lab	0	0	2	1
7	BS&H	Engineering Chemistry / Chemistry / Fundamental Chemistry Lab	0	0	2	1
8	Engineering Science	Engineering Workshop	0	0	3	1.5
9	Professional Core	Engineering Mechanics & Building Practices Lab Engineering Mechanics Lab/Network Analysis & Data structures Lab	0	0	3	1.5
10		Health and Fitness, Yoga and Sports	-	-	1	0.5

Syllabus

S.No.	Subject	Link
1	BCME	BCME
2	EMBP Lab	EMBP