

BOARD OF STUDIES MEETING-III

Date: 24/06

BOS chairman has convened the B meeting with all the members, in the BoS at 10:00 am on 24/06/2020 to discuss the IV B.Tech autonomous syllabus forjects of Civil Engineering Branch.

Agenda for the Meeting:

- I. To review the resolutions made in the last BoS-II Meeting held on
- II. To discuss, review and approve the curriculum & syllabus for IV B.Tech Engineering Branch.
- III. To review the curriculum of SITE-21 Regulations and suggestions for implementation.
- IV. Any other matter with the permission of chair.

Minutes of the Meeting

Resolution I: The chair has reviewed & suggested the following changes:

* To inform students to visit construction activity near to their vicinities & submit a report on what they have seen.

observed with photographs of the survey field camp to be done in between IV & V Semester break.

Resolution II: The chair has discussed and reviewed about IV B.Tech CE syllabus and suggested the following modifications:

Subject: Contracts, Specifications and Project Management.

- * To club Unit - 2, 3 and make it Unit - 1 for the subject. Make Unit - 1 as Unit - 2 by adding FIDIC agreement regulations, EPC, LS, Item rate materials supply etc..
- * To incorporate some case studies for Polavaram project and to include Safety & Equipment aspects.
- * To include text books, K.N. Jha for Project Management and Chitkara for Construction Project Management.

Subject: Transportation of Water and Waste Water.

- * Advised to change the title of Transport of Water and Waste Water as Urban Hydrology.
- * Change the syllabus content accordingly.

Field
Semesters

Subject: Advanced Concrete Technology.

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fact

- * Advised to include the Basics of Thermal Studies.
- * Introduce concept of ASR, Durability etc
- * Repeat the admixtures studied in Building Materials and Concrete Technology.
- * Review all Codes for aggregates, Cement concrete and admixtures.
- * Include chapters on Form work.
- * Add relevant provisions of code for every topic.
- * Include details relevant IS codes in text books.

Unit-I
by
LS,

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Subject: Surface Water Hydrology.

of
function

- * Include w-enders as a part of infiltration indices in Unit-I, Shift Factors affecting runoff of Unit-2 to Unit-1.
- * Include stage, discharge relationship, Discharge measurements by Area Velocity method, Moving Boat Method in Unit-3.
- * Add IUH, SCS concepts in Unit-4.
- * Add Text Book of Hydrology by P. Jaya Reddy.

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Subject: Advanced Structural Analysis.

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- * Advised to include some advanced topics,

in Unit-1

- * Advised to include strain gauges in Unit-3.
- * Advised to swap text book 5 and Reference Book 2 with each other.
- * Advised to include text book of Mechanics of Solids by L.S. Srinath.

Subject: Advanced Transportation Engineering.

- * Shift Unit-4 Runway concepts to Unit. with heading as planning of Runways.

Subject: Earth Retaining Structures.

- * Incorporate the significance of Geo-Synthetics with introduction to Geo-Textiles in Unit-I

Subject: Rural Water Supply and Onsite Sanitation System

- * Advised to introduce any software to design a pipe network like EPANET.

Subject: Structural Design and Drawing Lab

- * Advised to follow the chronological order of construction i.e. Footings, Columns, Beams and Slabs

Subject: Intelligent Transportation Systems

- * Advised to verify the text books and reference books.

Subject: Ground Improvement Techniques.

- * Advised to incorporate deep soil mixing & stone columns in Unit - 3.

Subject: Environmental Impact Assessment and Environmental Management Planning.

- * Advised to modify Land Use or Land Use changes in Unit - 3.

Subject: Advanced Structural Design.

- * Advised to check the no. of sub topics in Unit - 3
- * Advised to remove Reference Book No. 1.

Subject: Prestressed Concrete.

- * Advised to replace text book No. 2 with Rajagopalan and E.G Naway

Subject: Ground Water Development & Management

- * Advised to change the Subject title as

Ground water improvement & Management

Subject: Bridge Engineering.

- * Advised to include impact loading in Unit-1
- * Advised to shift Coulson's theory of Unit-2 to Unit-3.
- * Advised to swap Unit-4 and Unit-5 with each other.
- * Advised to include relevant IRC codes

Subject: Contracts Management.

- * Advised to incorporate APSS, CPWD Stoms and contract specifications

Subject: Repair and Rehabilitation of Structures.

- * Advised to incorporate CPWD, CWC & CWF-RS, Pune manual for R&R.

Subject: Wood Structures

- * Advised to change the subject title of wood structures as Formwork Design

Subject: Transportation Economics

- * Advised to incorporate (Benefit/cost)

ratio Analysis in Unit-5.

- * Advised to incorporate Indian if possible in Reference Books.

Subject: Sustainable Construction Methods for Buildings.

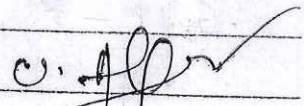
- * Advised to swap Unit-2 and with each other.

- * Advised to incorporate Safety Security Measures in Unit-5.


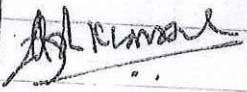
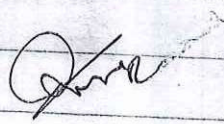
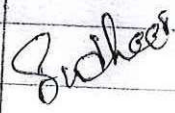
Subject: Green Buildings and Sustainable

- * Advised to incorporate India Building Council (IGBC) website of the reference.

Resolution III: The chair has discourse IV B.Tech course curriculum and in detail and approved the same, ed to the corrections carried/made the above mentioned subjects.



Signature of the BoS-I

S.No	Name	Nominated Position of BoS-III	Signature
1.	Dr. U Arun Kumar, Professor & HoD. Dept. of Civil Engineering SITE (A) - Tadepalligudem W.G. Dt - Andhrapradesh.	Chairman	
2.	Dr. G. Rajesh Kumar, Professor Dept. of Civil Engineering NIT - Warangal, Telangana State.	Member	
3.	Dr. V. Srinivasulu, Professor Dept. of Civil Engineering JNTUK. E.G. Dt - Andhrapradesh	Member	
4	Dr. M. Swaroopa Rani, Professor Dept. of Civil Engineering JNTU - Kakinada E.G. Dt - Andhra Pradesh	Member	
5.	Sri K. Balakrishna Musthy Deputy Executive Engineer. Polavaram Spillway, Polavaram Project - Polavaram W.G. Dt - Andhra Pradesh	Member	
6.	Sri. B Sudheer. Associate Design Engineer T&AS Design Technologies Pvt. Ltd. Hyderabad - Telangana State	Member	

nature of	S.No	Name	Nominated Position of GOS - III	Signature
nature of	7.	Dr. MUGS Sharma, Professor Dept. of Civil Engineering SITE(A) - Tadepalligudem W.G. Dt - Andhra Pradesh.	Co-opted Member	
nature of	8.	Sri M Rama Krishna Associate Professor, Dept. of Civil Engineering SITE(A) - Tadepalligudem W.G. Dt - Andhra Pradesh		M.R.C.
nature of	9.	Sri. P Seshu Babu Asst. Professor Dept. of Civil Engineering SITE(A) - Tadepalligudem W.G. Dt - Andhra Pradesh		T.C.
nature of	10.	Sri. Venu Motepalli Asst. Professor Dept. of Civil Engineering SITE(A) - Tadepalligudem W.G. Dt - Andhra Pradesh		V.M.
nature of	11.	Sri. Md. Athas Kazmi Asst. Professor Dept. of Civil Engineering SITE(A) - Tadepalligudem W.G. Dt - Andhra Pradesh.		

BOARD OF STUDIES MEETING - IV

DT: 23.09.2021.

BOS Chairman has conveyed the BOS-meeting with the all the members, in the HOD Room at 10.00 am on 23.09.2021. to discuss about Course Structure and Syllabus B.Tech - Civil Engg (SITE-21 Regulation) and IIS & II B.Tech Civil Engineering Subject Syllabus.

Agenda for the meeting:

- I. TO review the resolutions made in the last BOS-III meeting held on 24
- II. TO discuss, review and approve the Curriculum for SITE-21 Regulation and Syllabus of I B.Tech & II B.Tech Civil Engineering Sub
- III. Any other matter with the permission of the Chair.

Minutes of the meeting:

Resolution-I:

The chair has reviewed and suggested the following changes.

- * To include latest Text Books and IIS Books and at least one Text Book of Foreign Author in the syllabus of each subject.

Resolution: II

The chair has discussed and reviewed about the course structure and curriculum of 2nd & 3rd B.Tech CE, Syllabus and suggested the following modifications

* Subject:

Advised of possible surveying field work-II to be kept in IV Sem. instead of in V Semester.

Subject: Introduction to Solid Mechanics

- * Advised to change the title of Introduction to Solid Mechanics as Mechanics of Solids.
- * Change the Syllabus content accordingly.
- * Unit 2 shifted to 5, Unit-5 shifted to 4, Unit-4 shifted to 3 & 3rd Unit shifted to 2.

Subject: Structural Analysis

- * Advised to split the subject into two subjects, Structural Analysis & Advanced Structural Analysis and kept Structural Analysis in IV Sem and Advanced Structural Analysis in V Sem.
- * Also suggested to incorporate deflection of beam, strain energy method, deflection of truss, arches, cables-suspension bridges & lateral load analysis in the Structural Analysis & Advanced Structural Analysis.

Subject: Concrete Technology Lab

- * Suggested if possible, modulus of rupture of concrete to be include in the concrete technology

Subject: Transportation Engg

- * Advised to include 'Highway Engineering' by Srinivas Kumar
- * Suggested to include IRC Codes + IS: Code B

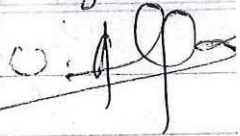

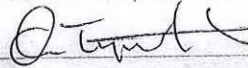
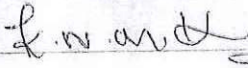
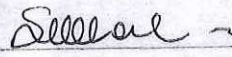
Resolution - II

- * The Chair has discussed the I + II B.Tech Curriculum and Syllabus in detail and approved the same, subject to the correction carried/made for the above mentioned Subject.

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Signature of the BOS-IV C

SNO	Name	Nominated Position of B&T	Signature
1.	Sri M. Ramakrishna, Assoc. Prof. HOD, Dept of Civil Engineering SITRA - Tadepalligudem W.G.Ot - Andhra Pradesh	Chairman	MR
2 -	Dr. G. Rajesh Kumar, Professor Dept of Civil Engineering NIT - Warangal, Telangana State	Member	G. Rajesh Kumar
3 -	Dr. V. Srinivasulu, Professor Dept of Civil Engineering JNTU-K, E.G.Ot - Andhra Pradesh	Member	
4.	Dr. M. Swaroopa Bani, Prof. Dept of Civil Engineering JNTU Kakinada E.G.Ot - Andhra Pradesh		
5.	Sri K. Babakrishna Murthy Executive Engineer, Polavaram Spillway, Polavaram Project - Polavaram W.G.Ot - Andhra Pradesh		K. Babakrishna Murthy
6.	Sri B. Sudheer Associate Design Engineer T & AS Design Technologies Pvt Ltd, Hyderabad - Telangana State.		B. Sudheer

SNO	Name	Nominated Position as Bas-IV	Signature
7.	Dr. U. Arunkumar, Professor Dept. of Civil Engg. SITE (A) Tadepalligudem W.G. Dt - Andhra Pradesh.		
8.	Sri. Venu Motepalli, Asst Prof. Dept. of Civil Engineering SITE (A) Tadepalligudem W.G. Dt - Andhra Pradesh		
10.	Dr. Ch. Tirupathi, Asst Prof. Dept. of Civil Engineering SITE (A) Tadepalligudem W.G. Dt - A.P.		
11.	Dr. KN Murali Krishna Asst Prof. Dept. of Civil Engg SITE (A) Tadepalligudem W.G. Dt - AP		
12.	Sri Ch. W. V. Sekhar, Asst Prof. Dept. of Civil Engineering SITE (A) Tadepalligudem. W.G. Dt - AP		
13.	Sri Y. V. B. Saikumar, Asst Prof. Dept. of Civil Engineering SITE (A) Tadepalligudem W.G. Dt. (A.P)		