

Department of Civil Engineering
4th BOS - MINUTES OF MEETING

The meeting was conducted by BOS Coordinator of civil department Dr.G.Venkata Rao along with Civil Department HOD (Mr.M.Padmakar) and all Civil Engineering Department Faculty on 24 July 2020 The Following points have discussed in the 4th BOS Meeting.

BOS Chairman: Mr. M. Padmakar

External BOS members are

1. Dr. Abbaih, Professor ,JNTU K, JNTU Nominee
2. Dr.B V S Viswanathan, Professor IIT Bombay
3. Dr. Adishesu Siraham, Professo, Andhra University
4. Mrs.V. Suchitra AEE Vijayanagaram Dist

The following points were discussed

- ❖ VR 19 Regulation Course structure was discussed
- ❖ VR17 Regulation Course structure was discussed
- ❖ Discussion on order of Professional electives in VR19 Regulation
- ❖ Discussion on M.Tech- Transportation Engineering Course Structure

Detailed suggestions given by External BOS Members

- RS & GIS Should be taken as compulsory elective course to learn the lab in VIII Semester (IVth year IIInd semester)
- Environmental Engineering II Course should be added as main courses for VII Semester (IVth year I Semester)
- Estimates and Contracts name is suggested instead of Estimation , Specification and contracts
- Discussed about Audit Course IPR& Patents
- Cad Design name was suggested instead of Staad Pro lab
- Cad drafting name is suggested instead of Auto cad lab
- Dissertation credits were changed from 10 to 12 and Viva voce credits were removed
- Design of earthquake resistant building name was suggested instated of Earthquake resistance structure
- They asked to keep subject codes for entire course structure
- Transportation Planning Management course was changed to Transportation Planning
- In professional electives Subsurface Investigation and Instrumentation course and Foundation Engineering course order changed mutually
- In professional electives, Advanced Structural Analysis course and prestressd concrete course order was changed mutually
- In professional electives, Discussed about all streams subjects
- Dissertation Name was suggested instead of Project work

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BOS Co-ordinator

(Dr. G. Venkata Rao)

M. P. Padmakar
Head of the department

(M. PADMAKAR)

MINUTES OF MEETING

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- Dissertation Name was suggested instead of Project work for Mtech Program

The modified course structure for VR17 & VR19 & Mtech program was shown below

Course structure for VR19, 1sr semester

S.No.	Name of the Subject	L	T	P	Credits
1	Complex Variables and Statistical Methods	3	1*	0	3
2	Surveying	3	1*	3	4.5
3	Building Materials and Construction	2	0	0	2
4	Strength of Materials	3	1*	3	4.5
5	Fluid Mechanics	3	1*	3	4.5
6	Building Planning & Drawing	2	1*	2	3
7	Mini Project-I (EPICS)	0	0	2	1
Total Credits :					22.5

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S.No.	Name of the Subject	L	T	P	Credits
1	Structural Analysis	3	1*	0	3
2	Transportation Engineering	3	1*	3	4.5
3	Hydraulics and Hydraulic Machinery	3	1*	3	4.5
4	Environmental Engineering	3	1*	3	4.5
5	Open Elective-1 (Employability Readiness Program-1)	3	0	0	3
6	Environmental Science (Audit Course)	2	0	0	0
7	Communication Skills Lab	0	0	2	1
Total Credits :					20.5

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Course structure for VR17, 1sr semester

S. No	Name of the Subject	L	T	P	Credits
1	Estimation and Contracts	3	1	-	3
2	Water Resource Engineering-II	3	1	-	3
3	Geotechnical Engineering – II	3	1	-	3
4	Environmental Engineering-II	3	1	-	3

ELECTIVE – II					
5	A) Advanced Structural Engineering				
	B) Urban Hydrology				
	C) Ground Improvement Techniques			3	1
	D) Pavement Analysis and Design				3
	E) Remote Sensing & GIS Applications				
	F) Industry orientated course (BIM/TEKLA/REVIT/E-TAB/CYCLONE)				
OPEN ELECTIVE-II					
6	A) Objective Oriented Program Through Java				
	B) Computational Fluid Dynamic s (CFD)				
	C) Digital Image Processing			3	1
	D) Data Structures				--
	E) Project Management				3

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Management				
C) Solid and Hazardous Waste Management				
D) Water Resources Systems Planning and Management				
E) Transportation Planning				
Or				
				12
Internship				
				12
6	Project Work			24
Total Credits				

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7	IPR & Patents		0	2	--
8	GIS & CAD Lab		-	2	2
9	Design & Drawing of Hydraulic structures		-	2	2
10	Technical Seminar		-	-	2
Total credits					24

2nd semester

S. No	Name of the Subject	Theory	Practical	Credits
1	Soil Dynamics and Foundations	3	1	3
2	Construction Technology and Management	3	1	3
3	Prestressed Concrete	3	1	3

ELECTIVE - III				
4	A) Bridge Engineering	3	1	3
	B) Environmental Impact Assessment and			

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Professional elective courses

Division	Structural Engineering	Transportation Engineering	Hydrology and Water Resources Engineering	Environmental Engineering	Geotechnical Engineering
Professional Elective-1	Advanced Structural Analysis	Traffic Engineering and Management	Hydraulic Structures	Environmental Pollution and Control	Subsurface Investigation and Instrumentation
Notation	ASA	RAHE	HS	EPC	FE

Division	Structural Engineering	Transportation Engineering	Hydrology and Water Resources Engineering	Environmental Engineering	Geotechnical Engineering
Professional Elective-2	Prestressed Concrete	Railway, Airport and Harbour Engineering	Groundwater Development and Management	Industrial Waste and Waste Water Engineering	Foundation Engineering
Notation	PC	TEM	GDM	IWWE	SII

Division	Structural Engineering	Transportation Engineering	Hydrology and Water Resources Engineering	Environmental Engineering	Geotechnical Engineering
Professional Elective-3	Construction Technology and management	Pavement Analysis and Design	Design and Drawing of Irrigation Structures	Environmental Impact Assessment	Ground Improvement Techniques
Notation	ERB	PAD	DDIS	EIA	GIT

Division	Structural Engineering	Transportation Engineering	Hydrology and Water Resources Engineering	Environmental Engineering	Geotechnical Engineering
Professional Elective-4	Finite element method	Modular Course	Modular Course	Modular Course	soil dynamics and machine foundation
Notation	MC	MC	MC	MC	MC

PE5 MOOCS

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Course structure for M. Tech, III Semester (Transportation Engineering)

III Semester		Subject					
S.No.	Code	Programme	Code	L	T	P	Credits
1	2022192150	Elective - V*	Financial and Economic Analysis of Transportation Projects				
	2022192151		Highway Safety Engineering				
	2022192152		Computational Techniques in Transportation Engineering	3	1*	0	3
2		Open Elective / MOOCS					
			Should register for M.Tech Level courses offered by other departments (EEE, CSE, ECE)				
3	2022192180	Dissertation		3	0	0	3
			Dissertation Phase - I				
Total				0	0	20	10
				16			

IV Semester		Subject					
S.No.	Code	Programme	Code	L	T	P	Credits
1		Dissertation		0	0	0	16
			Dissertation Phase - II				
Total				0	0	32	16
				16			

Name of the BOS Member

Dr. Abbaiah Andhra University:

Dr. B V S Viswanadham IIT Bombay:

Dr. Adishesu Siraham Andhra University:

Mrs. V. Suchitra AEE Vijayanagaram Dist:

Internal BOD Members

BOS Co-ordinator

Signature of Internal BOS

1. K. SRINIVAS K
2. SK-Lal Mohiddin
3. K. Satya Essar
4. G. Sudeeep Kumar
5. P. Shiva Kumar
6. T. Geetha Rani

Head of the department

MINUTES OF BOS MEETING Conducted on 24th July 2020.

1 message

Venkatarao Gummadi <venkataraoorbit@gmail.com>

Wed, Oct 14, 2020 at 3:49 PM



To: abbaiah@yahoo.com, "Dr.-Ing. B.V.S. Viswanadham" <viswam@civil.iitb.ac.in>, sirgam adishesu <sirgamseshu@gmail.com>, suchitradee@gmail.com

Cc: Padmakar Maddala <padmakarmaddala@gmail.com>, SRINIVAS KARRI <srinivas.civilviit@gmail.com>

Respected BOS Members,

Here I am attaching the Vignan regulations, VR-17 and V.R -19 final Syllabus and course structure for 4th year (VR-17) and 2nd year (V.R-19.) and also attaching the Minutes of BOS Meeting Conducted On 24th July 2020. I am requesting you that please take a print of the minutes of the meeting and signature on the paper & Scan it and resend to the same mail ID for department file and reference.

Thanking you,
With regards
Dr.G.Venkata Rao
Professor
Department of Civil Engineering
Vignan's Institute of Information Technology
Visakhapatnam

3 attachments **Report on BOS Minutes of meeting-converted.pdf**
275K **2nd year _ Civil _ Syllabus_ VR 19.docx**
123K **4th year VR 17 Syllabus.docx**
170K