

# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

**(Affiliated to J.N.T. University Anantapur, Ananthapuramu)**

**Karakambadi Road Tirupati-517 507**

## **BoS Minutes of Meeting**

**On**

**13-09-2022**



**DEPARTMENT OF ELECTRONICS&COMMUNICATION  
ENGINEERING**

## BOARD OF STUDIES MEETING

Mode	Online
Platform	Google Meet
Meeting Link	<a href="https://meet.google.com/oap-zmjt-cqx">https://meet.google.com/oap-zmjt-cqx</a>
Venue	Sri Venkateswara College of Engineering, Tirupati
Date	13-09-2022
Time	10:30 AM

### Minutes of the Meeting

#### DEPARTMENT OF ECE – BoS MEMBERS

S.No.	Name of the Member	Designation & Address	Role
1.	Dr.D.Srinivasulu Reddy	Professor &HOD Department of ECE SV College of Engineering, Tirupati Mobile No.: 8074436276 Email: <a href="mailto:hod_ece@svce.edu.in">hod_ece@svce.edu.in</a>	Chairman
2.	Dr.R.Ramana Reddy	Professor & HOD, Department of ECE JNTUA College of Engineering, Pullivendula Mobile No.: 7670902305 Email: <a href="mailto:rrreddy.ece@jntua.ac.in">rrreddy.ece@jntua.ac.in</a>	Subject Expert nominated by JNTUA.
3.	Dr.N.BheemaRao	Professor, Department of ECE NIT Warangal. Mobile No.: 9492909194 Email: <a href="mailto:nbr.rao@gmail.com">nbr.rao@gmail.com</a>	Subject Expert nominated by Academic Council.
4.	Dr.S.Varadarajan	Professor, Department of ECE S.V. U.C.E., S. V. University, Tirupati Mobile No: 9949300990 Email: <a href="mailto:varadasouri@gmail.com">varadasouri@gmail.com</a>	Subject Expert nominated by Academic Council.
5.	Mr.M.Narasimham	Lead Consultant, Wipro Technologies, Bengaluru Mobile No. :8618381438 Email: <a href="mailto:n_simham@yahoo.com">n_simham@yahoo.com</a>	Industry Expert nominated by Academic Council.
6.	Mr.M.JagannadhaRao	IT Operations Professional, Siemens Healthineers Pvt. Ltd., Bengaluru. Mobile No. : 8861227894 Email: <a href="mailto:jagannadhsap.m@gmail.com">jagannadhsap.m@gmail.com</a>	PG Alumni nominated by Academic Council.

7.	Dr.K.Lokesh Krishna	Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 8309974328 Email: <a href="mailto:lokeshkrishna.k@svcolleges.edu.in">lokeshkrishna.k@svcolleges.edu.in</a>	Member
8.	Dr.C.Chandrasekar	Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 9177217190 Email: <a href="mailto:dr.chandrasekhar.c@svcolleges.edu.in">dr.chandrasekhar.c@svcolleges.edu.in</a>	Member
9.	Dr.T.ChandrasekarRao	Professor Department of ECE SV College of Engineering, Tirupati Mobile No: 94413363390 Email: <a href="mailto:chandrasekhar.t@svcolleges.edu.in">chandrasekhar.t@svcolleges.edu.in</a>	Member
10.	Dr.B.Sudha Rani	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 7981738522 Email: <a href="mailto:sudharani.b@svcolleges.edu.in">sudharani.b@svcolleges.edu.in</a>	Member
11.	Dr.G.Sujatha	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 9959505760 Email: <a href="mailto:sujatha.g@svcolleges.edu.in">sujatha.g@svcolleges.edu.in</a>	Member
12.	Dr.K.MaheshBabu	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 8179762414 Email: <a href="mailto:maheshbabu.kt@svcolleges.edu.in">maheshbabu.kt@svcolleges.edu.in</a>	Member
13.	Dr.G.PadmaPriya	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 9502020187 Email: <a href="mailto:padmapriya.gudiyatham@svcolleges.edu.in">padmapriya.gudiyatham@svcolleges.edu.in</a>	Member
14.	Dr.M.Suresh Kumar	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 7010984375 Email: <a href="mailto:suresh.mohan@svcolleges.edu.in">suresh.mohan@svcolleges.edu.in</a>	Member
15.	A.Krishna Mohan	Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 9949983365 Email: <a href="mailto:krishnamohan.A@svcolleges.edu.in">krishnamohan.A@svcolleges.edu.in</a>	Member
16.	K.UpendraRaju	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 9182146045 Email: <a href="mailto:upendraraju.k@svcolleges.edu.in">upendraraju.k@svcolleges.edu.in</a>	Member

17.	V.Madhurima	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 7661995600 Email: <a href="mailto:madhurima.v@svcolleges.edu.in">madhurima.v@svcolleges.edu.in</a>	Member
18.	Sk.Allabaksh	Associate Professor Department of ECE SV College of Engineering, Tirupati Mobile No.: 9700644100 Email: <a href="mailto:allabaksh.sk@svcolleges.edu.in">allabaksh.sk@svcolleges.edu.in</a>	Member

### DEPARTMENT OF ECE – BoS MEMBERS (ATTENDANCE)

S.No.	Name of the Member	Attendance
1	Dr.D.Srinivasulu Reddy	Attended
2	Dr. R.Ramana Reddy	Attended
3	Dr.N.BheemaRao	Not Attended
4	Dr.S.Varadarajan	Attended
5	Mr.M.Narasimham	Attended
6	Mr.M.JagannadhaRao	Attended
7	Dr.K.Lokesh Krishna	Attended
8	Dr.C.Chandrasekar	Attended
9	Dr.T.ChandrasekarRao	Attended
10	Dr.B.Sudha Rani	Attended
11	Dr.G.Sujatha	Attended
12	Dr.K.MaheshBabu	Attended
13	Dr.G.PadmaPriya	Attended
14	Dr.M.Suresh Kumar	Attended



15	A.Krishna Mohan	Attended
16	K.UpendraRaju	Attended
17	V.Madhurima	Attended
18	Sk.Allabaksh	Attended

### **Agenda:**

1. Introduction of newly nominated members to the BoS committee.
2. About the B.Tech 3<sup>rd</sup> and 4<sup>th</sup> year Course Structure and syllabi.
3. Minor and Honor Degree courses.
4. Suggestions from BOS Members.

### **Order of events:**

1. The meeting was held online via Google Meet platform.
2. Welcome address by Dr.D.Srinivasulu Reddy, Professor & HOD of ECE,SVCE.
3. Presentation by Dr.D.Srinivasulu Reddy, Professor & HOD of ECE, SVCE.
4. Discussion on III& IV Year B. Tech ECE Course Structure & Syllabus.
5. Discussion on Open Elective Courses & Professional Elective Courses and concerned Syllabus.
6. Discussion on Honor/Minor degree course structure and guidelines.
7. Review & Suggestions from BoS Academic Experts.
8. Vote of thanks by chairman.

## Minutes of Meeting:

1. Proceedings of the 3<sup>rd</sup> BoS meeting held on 13/09/2022
2. BoS Chairman presided over the meeting and cordially welcomed all the members of BoS to the meeting.
3. The meeting held in virtual platform(Google Meet) and commenced at about 10.40 AM on 13-09-2022
4. Dr.D.SrinivasuluReddy, Chairman BoS ECE introduced Dr R Ramana Reddy, Professor & HOD, JNTUCEP, Pulivendula newly nominated academic expert in place of Dr M.N.Giriprasad, Professor, JNTUA Ananthapuramu to the members of BoS committee.
5. Dr. D.Srinivasulu Reddy, Chairman BoS ECE introduced newly included internal BoS Committee members Dr C.Chandrasekar ,Professor ,Dr.T.ChandrasekarRao, Professor, Dr K.MaheshBabu, Associate Professor, Mrs V.Madhurima, Assistant Professor to BoS Committee.
6. Dr K.Saivenupratap, left the department and hence BoS committee is reconstituted with newly joined members.
  - Dr. N. BheemaRao, Professor, NIT Warangal (nominated by Academic Council).
  - Dr. S. Varadarajan, Professor, SVUCE, Tirupati (nominated by Academic Council).
  - Dr. M. Narasimham, Lead Consultant, Wipro Technologies, Bengaluru (nominated by Academic Council).
  - Dr.R.Ramana Reddy, Professor & HOD, Department of ECE,JNTUA College of Engineering, Pullivendula, JNTUA College of Engineering (nominated by JNTUA).
  - Mr.M.JagannadhaRao, IT Operations Professional, Siemens Healthineers Pvt. Ltd., Bengaluru.The presentation includes genesis of the department, B.Tech3<sup>rd</sup> and 4<sup>th</sup> year Course Structure along with the detailed syllabi.

The following are the few suggestions and feedback given by the academic experts

1. **Dr.N.BheemaRao** from NIT Warangal, He suggested to include experiments in the last two units of the skill oriented Course
2. **Dr.S.Varadarajan** from S.V.U.C.E., S.V.University Tirupati. He suggested to include industry oriented courses in the curriculum through MOU's.

3. **Dr.R.Ramana Reddy**, Professor & HOD, Department of ECE, JNTUA College of Engineering, Pullivendula has suggested the following points. The relevance and worth of suggestions are valuable in revising and restructuring the syllabus.
  - He suggested to conduct Digital Communication Lab related Hardware and Software experiments in the same lab slot so that no. of experiments can be increased and effectively utilize the Lab time. There should be atleast 10 or 12 hardware experiments, software simulation can be done for few experiments.
  - He advised to mention a clause to develop at least one experiment as proto type model in skill oriented course PCB Design of 5<sup>th</sup> semester syllabus.
  - He suggested to modify in the 1<sup>st</sup> unit syllabus of Micro Wave Engineering and optical communication course.
  - He suggested to modify some of the Subject Titles and Subject Codes such as Basics of VLSI Design & Electronic Measurements and Instrumentation offered to other departments and also advised to revise the concerned syllabus accordingly.
4. **Mr.M.Narasimham** from Wipro Technologies, Bangalore, agreed to look into the aspect of industrial tie up (MoU) with VLSI related industries to provide internships to our PG students.
  - He suggested for job oriented purpose add syllabus regarding Artificial Intelligence and Cyber security skill development subjects.
  - He accepted the remarks made by chairman to conduct workshops and seminars related to cutting edge technologies by experts
  - Chairman also requested to suggest industry experts who can act as resource persons to enlighten students.
5. **Mr.M.JagannadhaRao**, IT Operations Professional, Siemens Healthineers Pvt. Ltd., Bengaluru expressed satisfaction with the course structure and syllabus of ECE related subjects and ECE course structure is almost meeting the requirements of industry needs.
6. **Dr.D.SrinivasuluReddy** concluded the meeting by giving vote of thanks to all the BoS members. He thanked all the members for their kind presence and support.
7. At the end it is decided to incorporate modifications as suggested by academic experts and share it all members for further approval process.
8. The meeting ended with the wishes by BoS members at 12:40pm.

## Snap shots of Third BOS Meeting:

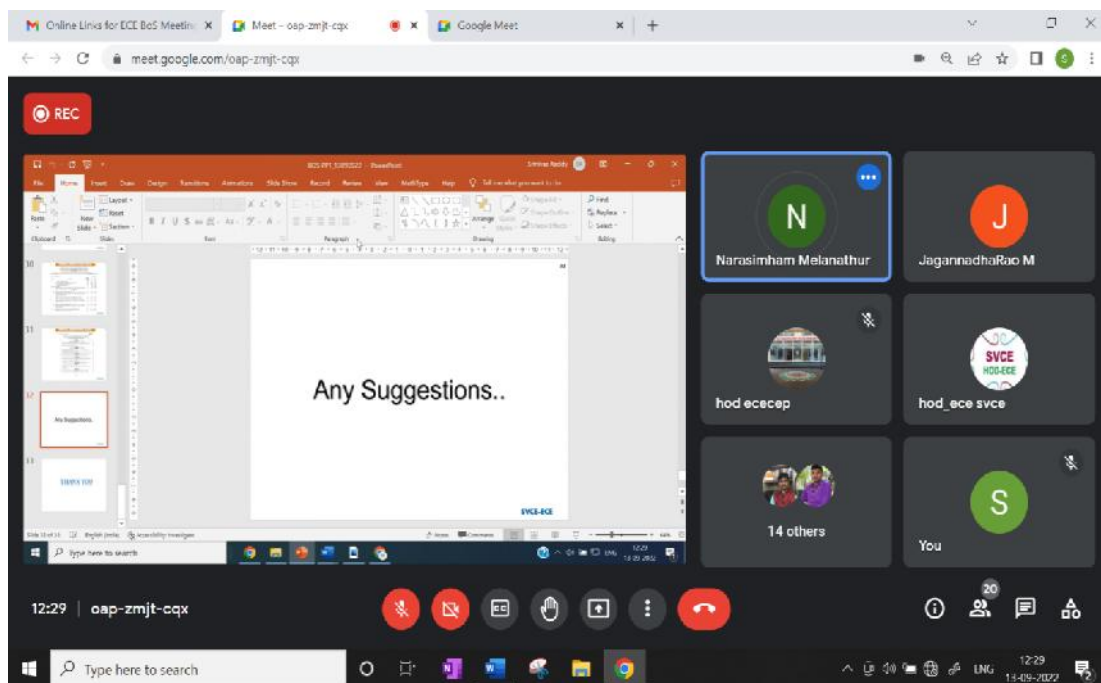
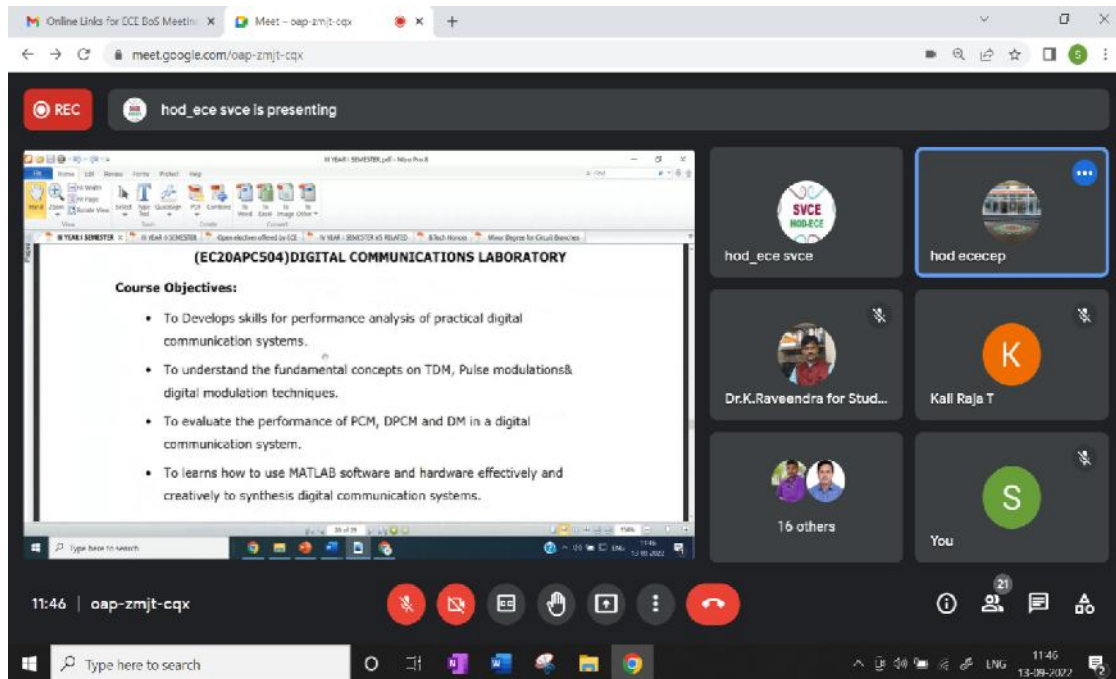
The screenshot shows a Google Meet interface with a presentation slide titled "Course Structure - B.Tech\_ECE Semester - 5 (Theory-5, Lab-2, TS-1, SoC-1, MC-1)". The slide contains a table with columns for S.No., Course No., Course Name, Credits, and Prerequisites. The table lists various courses including Analog and Wave Propagation, Digital Communication, Microprocessors & Microcomputers, Open Elective Course, Professional Elective, and Minor Degree & Honors Degree. The meeting is titled "hod\_ece svce is presenting" and shows 19 other participants. The bottom of the screen displays the Windows taskbar with the search bar and system clock showing 11:05 on 13-09-2022.

S.No.	Course No.	Course Name	Credits	Prerequisites
1.	EE204PC01	Analog and Wave Propagation	3.0-0-0	1
2.	EE204PC02	Digital Communication	3.0-0-0	1
3.	EE204PC03	Microprocessors & Microcomputers	3.0-0-0	1
4.	Open Elective Course/As per interest/department	03	3.0-0-0	1
5.	Professional Elective course-1	04	3.0-0-0	1
6.	EE204PC04	Digital Communication Lab	0.0-3-3	1
7.	EE204PC05	Microprocessors & Microcomputers Lab	0.0-3-3	1
8.	EE204PC06	Self designed theory, lab and project/PSD Design and Software Development	1-0-3	1
9.	Minor Degree & Honors Degree	05	2-0-0	1
10.	EE204PC07	Problem Solving and Programming Laboratory	0.0-0-3	1
11.	EE204PC08	Technical Seminar Presentation I	0.0-0-3	1
12.	EE204PC09	Technical Seminar Presentation II	0.0-0-3	1
13.	Minor Degree & Honors Degree	06	2-0-0	1
14.	EE204PC10	Problem Solving and Programming Laboratory	0.0-0-3	1
15.	EE204PC11	Technical Seminar Presentation I	0.0-0-3	1
16.	EE204PC12	Technical Seminar Presentation II	0.0-0-3	1
17.	Minor Degree & Honors Degree	07	2-0-0	1
18.	EE204PC13	Problem Solving and Programming Laboratory	0.0-0-3	1
19.	EE204PC14	Technical Seminar Presentation I	0.0-0-3	1
20.	EE204PC15	Technical Seminar Presentation II	0.0-0-3	1
21.	Minor Degree & Honors Degree	08	2-0-0	1
22.	EE204PC16	Problem Solving and Programming Laboratory	0.0-0-3	1
23.	EE204PC17	Technical Seminar Presentation I	0.0-0-3	1
24.	EE204PC18	Technical Seminar Presentation II	0.0-0-3	1
25.	Minor Degree & Honors Degree	09	2-0-0	1
26.	EE204PC19	Problem Solving and Programming Laboratory	0.0-0-3	1
27.	EE204PC20	Technical Seminar Presentation I	0.0-0-3	1
28.	EE204PC21	Technical Seminar Presentation II	0.0-0-3	1
29.	Minor Degree & Honors Degree	10	2-0-0	1
30.	EE204PC22	Problem Solving and Programming Laboratory	0.0-0-3	1
31.	EE204PC23	Technical Seminar Presentation I	0.0-0-3	1
32.	EE204PC24	Technical Seminar Presentation II	0.0-0-3	1
33.	Minor Degree & Honors Degree	11	2-0-0	1
34.	EE204PC25	Problem Solving and Programming Laboratory	0.0-0-3	1
35.	EE204PC26	Technical Seminar Presentation I	0.0-0-3	1
36.	EE204PC27	Technical Seminar Presentation II	0.0-0-3	1
37.	Minor Degree & Honors Degree	12	2-0-0	1
38.	EE204PC28	Problem Solving and Programming Laboratory	0.0-0-3	1
39.	EE204PC29	Technical Seminar Presentation I	0.0-0-3	1
40.	EE204PC30	Technical Seminar Presentation II	0.0-0-3	1
41.	Minor Degree & Honors Degree	13	2-0-0	1
42.	EE204PC31	Problem Solving and Programming Laboratory	0.0-0-3	1
43.	EE204PC32	Technical Seminar Presentation I	0.0-0-3	1
44.	EE204PC33	Technical Seminar Presentation II	0.0-0-3	1
45.	Minor Degree & Honors Degree	14	2-0-0	1
46.	EE204PC34	Problem Solving and Programming Laboratory	0.0-0-3	1
47.	EE204PC35	Technical Seminar Presentation I	0.0-0-3	1
48.	EE204PC36	Technical Seminar Presentation II	0.0-0-3	1
49.	Minor Degree & Honors Degree	15	2-0-0	1
50.	EE204PC37	Problem Solving and Programming Laboratory	0.0-0-3	1
51.	EE204PC38	Technical Seminar Presentation I	0.0-0-3	1
52.	EE204PC39	Technical Seminar Presentation II	0.0-0-3	1
53.	Minor Degree & Honors Degree	16	2-0-0	1
54.	EE204PC40	Problem Solving and Programming Laboratory	0.0-0-3	1
55.	EE204PC41	Technical Seminar Presentation I	0.0-0-3	1
56.	EE204PC42	Technical Seminar Presentation II	0.0-0-3	1
57.	Minor Degree & Honors Degree	17	2-0-0	1
58.	EE204PC43	Problem Solving and Programming Laboratory	0.0-0-3	1
59.	EE204PC44	Technical Seminar Presentation I	0.0-0-3	1
60.	EE204PC45	Technical Seminar Presentation II	0.0-0-3	1
61.	Minor Degree & Honors Degree	18	2-0-0	1
62.	EE204PC46	Problem Solving and Programming Laboratory	0.0-0-3	1
63.	EE204PC47	Technical Seminar Presentation I	0.0-0-3	1
64.	EE204PC48	Technical Seminar Presentation II	0.0-0-3	1
65.	Minor Degree & Honors Degree	19	2-0-0	1
66.	EE204PC49	Problem Solving and Programming Laboratory	0.0-0-3	1
67.	EE204PC50	Technical Seminar Presentation I	0.0-0-3	1
68.	EE204PC51	Technical Seminar Presentation II	0.0-0-3	1
69.	Minor Degree & Honors Degree	20	2-0-0	1
70.	EE204PC52	Problem Solving and Programming Laboratory	0.0-0-3	1
71.	EE204PC53	Technical Seminar Presentation I	0.0-0-3	1
72.	EE204PC54	Technical Seminar Presentation II	0.0-0-3	1
73.	Minor Degree & Honors Degree	21	2-0-0	1
74.	EE204PC55	Problem Solving and Programming Laboratory	0.0-0-3	1
75.	EE204PC56	Technical Seminar Presentation I	0.0-0-3	1
76.	EE204PC57	Technical Seminar Presentation II	0.0-0-3	1
77.	Minor Degree & Honors Degree	22	2-0-0	1
78.	EE204PC58	Problem Solving and Programming Laboratory	0.0-0-3	1
79.	EE204PC59	Technical Seminar Presentation I	0.0-0-3	1
80.	EE204PC60	Technical Seminar Presentation II	0.0-0-3	1
81.	Minor Degree & Honors Degree	23	2-0-0	1
82.	EE204PC61	Problem Solving and Programming Laboratory	0.0-0-3	1
83.	EE204PC62	Technical Seminar Presentation I	0.0-0-3	1
84.	EE204PC63	Technical Seminar Presentation II	0.0-0-3	1
85.	Minor Degree & Honors Degree	24	2-0-0	1
86.	EE204PC64	Problem Solving and Programming Laboratory	0.0-0-3	1
87.	EE204PC65	Technical Seminar Presentation I	0.0-0-3	1
88.	EE204PC66	Technical Seminar Presentation II	0.0-0-3	1
89.	Minor Degree & Honors Degree	25	2-0-0	1
90.	EE204PC67	Problem Solving and Programming Laboratory	0.0-0-3	1
91.	EE204PC68	Technical Seminar Presentation I	0.0-0-3	1
92.	EE204PC69	Technical Seminar Presentation II	0.0-0-3	1
93.	Minor Degree & Honors Degree	26	2-0-0	1
94.	EE204PC70	Problem Solving and Programming Laboratory	0.0-0-3	1
95.	EE204PC71	Technical Seminar Presentation I	0.0-0-3	1
96.	EE204PC72	Technical Seminar Presentation II	0.0-0-3	1
97.	Minor Degree & Honors Degree	27	2-0-0	1
98.	EE204PC73	Problem Solving and Programming Laboratory	0.0-0-3	1
99.	EE204PC74	Technical Seminar Presentation I	0.0-0-3	1
100.	EE204PC75	Technical Seminar Presentation II	0.0-0-3	1

The screenshot shows a Google Meet interface with a presentation slide titled "Minor Degree & Honors Degree". The slide contains the following text:

- Eligible and interested students can register either for Honors or for Minors in IV Semester as per the guidelines.
- Students must acquire a minimum of 8.0 CGPA without any backlogs.
- Honor program is offered to the same department students.
- Minor program is offered to the other department students.
- A student shall earn 20 additional credits to be eligible for the award of Honors/Minors Degree (16 Credits-Regular Courses, 4 Credits-MOOC Courses).
- A GPA of 8.0 has to be maintained in the subsequent semester without any backlogs in order to keep Honors/Minors registration active.

The meeting is titled "hod\_ece svce is presenting" and shows 17 other participants. The bottom of the screen displays the Windows taskbar with the search bar and system clock showing 11:21 on 13-09-2022.



**Dr.D.Srinivasulu Reddy**  
**(HOD of ECE)**  
**&**  
**Chairman, BoS(ECE)**

**Copy to**  
**Principal,**  
**Chairman,**  
**BoS Members,**  
**To file**

# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

**(Affiliated to J.N.T. University Anantapur, Ananthapuramu)**

**Karakambadi Road Tirupati-517 507**

## **Third BOS Minutes of Meeting**



**DEPARTMENT OF CIVIL ENGINEERING**

## FIRST BOARD OF STUDIES MEETING

### Minutes of the Meeting

Mode	Online
Platform	Google Meet
Meeting Link	<a href="https://meet.google.com/idq-zcev-yrp">https://meet.google.com/idq-zcev-yrp</a> (Video Recording option not available so the following Webinar link of civil department is used to conduct Third BOS Meeting) <a href="https://meet.google.com/voh-gbmg-gik">meet.google.com/voh-gbmg-gik</a>
Venue	Sri Venkateswara College of Engineering, Tirupati
Date	09-09-2022
Time	11:00 IST

### DEPARTMENT OF Civil Engineering – BOS MEMBERS:

Board of studies – Civil Engineering			
S. No.	Name of the member	Designation & Address	Role
1	Dr.M.Chittaranjan	Professor & HOD Department of Civil Engineering SV College of Engineering, Tirupati Mobile No. 9908329848 E-Mail ID : <a href="mailto:hod_ce@svce.edu.in">hod_ce@svce.edu.in</a>	Chairman
2	Prof. P. R. Bhanu Murthy	Director, Academic Audit Professor of Civil Engineering Jawaharlal Nehru Technological University Anantapur Mobile: +91-9246579066 <a href="mailto:prbhanumurthy@yahoo.co.in">prbhanumurthy@yahoo.co.in</a> (Personal) <a href="mailto:doaa@jntua.ac.in">doaa@jntua.ac.in</a> (Official)	Subject Expert nominated by JNTUA
3	Dr.I V Ramana Reddy	Professor of Civil Engineering SV University College of Engineering Tirupati. Mobile: 9849678039 Email : <a href="mailto:ivrreddy63@gmail.com">ivrreddy63@gmail.com</a>	Subject Expert Nominated by Academic Council
4	Dr.A.Murali Krishna	Professor Dept. of Civil Engineering Indian Institute of Technology, Tirupati Mobile: 7086046500 Email: <a href="mailto:amk@iittp.ac.in">amk@iittp.ac.in</a>	Subject Expert Nominated by Academic Council
5	Murali Naidu Talapaneni	Vice President GRE – Head India Design & Construction JP Morgan Chase & Co. Bangalore-560075 Mobile: 99000 94530 Email: <a href="mailto:muralinaidu.t@gmail.com">muralinaidu.t@gmail.com</a>	Industry Expert Nominated by Academic Council
6	G.Sai Abhishek	Managing Director Lm enterprises, Space craft interiors. Mobile: 9652146202, 8500005590 Email: <a href="mailto:spacecraftinteriors.tpt@gmail.com">spacecraftinteriors.tpt@gmail.com</a>	Meritorius Alumni Nominated by Academic Council

7	G.Anusha	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 9440232503 Email: anusha.g@svcolleges.edu.in	Member
8	V. Mahesh	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 9652963387 Email: mahesh.v@svcolleges.edu.in	Member
9	V.R. Sai Devayani	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 8639634524 Email: devayani.vr@svcolleges.edu.in	Member
12	J.Harish	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 9052238069 Email: harish.jattum@svcolleges.edu.in	Member
13	K.Muniswamy	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 8297041611 Email:	Member
14	A.Usha	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 8330947971 Email: usha.a@svcolleges.edu.in	Member
15.	T. Pakkirappa	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 8374158011 Email: <a href="mailto:pakkirappa.p@svcolleges.edu.in">pakkirappa.p@svcolleges.edu.in</a>	Member
16.	C.M. Prakash	Assistant Professor Department of Civil Engineering SV College of Engineering, Tirupati Mobile: 9400753357 Email: prakash.cm@svcolleges.edu.in	Member



**Agenda:**

- 1) Welcome to all Members of Board of Studies of Civil Engineering department.
- 2) Approval for the proposed changes in Course Structure Regulations (R20) to be followed by the students admitted in the year 2020 pertaining to B.Tech
- 3) Approval for the III & IV B.Tech Syllabus to be followed by 2020 admitted students.
- 4) Approval for the panel of examiners for setting the Question papers
- 5) Any other item with the permission of chair.

**Order of events:**

1. The meeting started with joining of BOS members to the online meeting in Google Meet platform.
2. Welcome address by Dr.M.Chittaranjan, HoD of CE, SVCE.
3. Presentation by Dr.M.Chittaranjan, HoD of CE, SVCE
4. Discussion on Proposed changes in Course Structure
5. Discussion on proposed syllabus for III & IV year B.Tech
6. Discussion on Panel of Examiners for question Paper Setting.
7. Suggestions from BOS members
8. Vote of thanks.

**Minutes of Meeting:**

1. Dr.M.Chittaranjan welcomed all the BOS members to the review meeting and reviewed the agenda.
2. Dr.M.Chittaranjan discussed the agenda of the 3<sup>rd</sup> BOS meeting held on 09/09/2022.
3. Dr.M.Chittaranjan discussed the finalized points of 2<sup>nd</sup> BOS meeting (II year Course Structure & II-I, II-II Syllabus).
4. Dr.M.Chittaranjan, presented to all BOS members about proposed changes in course structure for 3<sup>rd</sup> & 4<sup>th</sup> year B. Tech Civil Engineering
5. Dr.M.Chittaranjan, proposed to include Universal Human Values as 3 credit course in 4<sup>th</sup> semester as per Amendment in B.Tech R20 Regulations of JNTU Ananthapur. By including this subject the total credits increase from 160 to 163 for regular students and 121 to 124 for Lateral Entry students. All BOS Members approved the proposal raised by BOS Chairman.
6. Dr.M.Chittaranjan proposed to change the duration of Industrial Training & Industrial Project/Research Project from 2 months to 4 to 6 weeks. All BOS Members approved the proposal raised by BOS Chairman and suggested that if it is online mode (Internship / Industrial Training) it can be considered even it is 2 months.

7. Dr.M.Chittaranjan proposed to include Technical Seminar-I in 5<sup>th</sup> semester, Technical Seminar-II in 6<sup>th</sup> semester, Technical Seminar-III and Project Work Stage-I in 7<sup>th</sup> semester the 0.5 credits is given for each Technical Seminar so that 1.5 credits goes to 3 Technical Seminars and 2 credits given for Project Work Stage-I in order to compensate addition of these 4.5 credits is deducted from Project Work in 8<sup>th</sup> semester. 8.5 credits given for Project Work. All BOS Members approved the proposal raised by BOS Chairman.
8. Dr.M.Chittaranjan proposed list of Open Electives offered by the Civil Department to other department. But all BOS members suggested to include any other subjects which doesn't require any pre-requisites in place of Ground Improvement and Rehabilitation and Retrofitting of Structures.
9. Dr.M.Chittaranjan proposed to add Enhancing English Language Skills in 3<sup>rd</sup> semester, Engineering Mathematics in 4<sup>th</sup> semester, Problem Solving and Programming in 5<sup>th</sup> semester and AI Tools Techniques and Applications in 6<sup>th</sup> semester for Lateral Students only as per R20 Regulations approved by Academic Council of SVCE Tirupathi. All BOS Members appreciated the proposal but suggested to change the category as MCLE instead of MC. After making discussion with Controller of Examination of SVCE it was decided to make it as MC because it is common for all branches and approved by BOS Members of other departments.
10. Dr.P.R.Bhanu Murthy suggested that the Mandatory Course for Lateral Entry students can be considered as Audit Courses because the marks of mandatory course may influence the CGPA of students and suggested BOS Chairman to discuss with Controller of Examination to take decision. After making discussion with Controller of Examination of SVCE it was cleared that the marks of mandatory course for lateral entry students not considered in the calculation of CGPA. Hence BOS Chairman decided it will be considered as Mandatory Courses instead of Audit Courses.
11. Dr.A.Murali Krishna suggested to change the Foundation Engineering title as Geotechnical Engineering.
12. Dr.M.Chittaranjan proposed the list of Open Electives offered by other department to Civil Engineering department. He informed to all BOS members that the respective department will get approval for all subjects and syllabus of Open Electives from their BOS members.
13. Dr.A.Murali Krishna regarding Foundation Engineering subject he suggested to include IS Code recommendations in 1<sup>st</sup> unit, Wedge Method in unit 2, Design aspects of Retaining wall, Introduction to Reinforced Earth in unit 3 and suggested to move settlement analysis before allowable bearing pressure.
14. Dr.A.Murali Krishna regarding Foundation Engineering subject he suggested to use


appropriate terms in place of Static and Dynamic formula by referring standard Textbooks and instructed to remove Swedish arc method from unit 2.

15. Dr.A.Murali Krishna suggested to follow a standard format for Text Books and References for all Subjects. He suggested to mention Editions and Publications for all Text Books.
16. Dr.A.Murali Krishna suggested to remove Standard Penetration Test in Geotechnical Engineering Lab. He mentioned that it is an application not a test.
17. Dr.A.Murali Krishna regarding Ground Improvement Techniques he suggested to change the title of 4<sup>th</sup> unit as Geosynthics and Soil Reinforcement and instructed to introduce Geosynthics topic first then Reinforced Earth topic.
18. Dr.A.Murali Krishna regarding Ground Improvement Techniques subject he suggested to change the title of 5<sup>th</sup> unit as Stabilization of Expansive Soils.
19. Dr. P.R Bhanu Murthy reviewed and accepted the syllabus for highway engineering.
20. Dr. M. Chittaranjan proposed the change in subject title from Railways and Dock engineering to “Railway, Airport and Harbour Engineering”. Dr. P.R Bhanu Murthy reviewed the syllabus and accepted to add airport engineering in this subject.
21. Dr. P.R Bhanu Murthy regarding Traffic Engineering & Management subject suggested to remove some topics from unit-1 as the topics mentioned in syllabus are vague. He, also Suggested to add very basics of traffic engineering in Unit-1 like vehicle characteristics, driver characteristics and road characteristics etc.
22. Dr. P.R Bhanu Murthy regarding Traffic Engineering & Management subject suggested to remove land use characteristics, skid resistance and breaking efficiency (problems) in the introduction to Traffic engineering.
23. Dr. P.R Bhanu Murthy suggested to remove computer applications to signal design and signal coordination topics in unit-3 of traffic management.
24. Dr. P.R Bhanu Murthy said that unit-4 syllabus in highway engineering and traffic management is almost same. Later, He suggested to add design of traffic facilities like intersections and rotaries.
25. Dr. P.R Bhanu Murthy suggested to remove the Traffic System Management (TSM) and Travel Demand Management (TDM) topics in unit-5 of traffic management.
26. Dr. P.R Bhanu Murthy commented that the syllabus in unit-1 of transportation safety systems contains vast content and more topics. So, he suggested to confine the syllabus to basic concepts of traffic engineering, as the unit1 is introduction to traffic engineering.
27. Dr. P.R Bhanu Murthy suggested to remove crash investigations and analysis topic in unit-4 of transportation systems and safety subject.
28. Dr. P.R Bhanu Murthy suggested to add the topics like need of crash mitigation measures

and the problems due to improper traffic management in unit-5 of transportation systems and safety.

29. Dr.I.V.Ramana Reddy regarding Design of Reinforced Concrete Structure subject suggested to include the topic - Design of Singly Reinforced Beam under working stress method in Unit 1, Pad and Sloped footings and Different types of Stair Cases in unit 5.
30. Dr.I.V.Ramana Reddy regarding Design of Reinforced Concrete Structure subject suggested to remove varying term and replace it as different in 3<sup>rd</sup> Learning Outcome of unit 1, remove under due to term and replaced it as subjected to in 3<sup>rd</sup> Learning Outcome of unit 2, remove classify term in 1<sup>st</sup> Learning Outcome of unit 3, remove the term Design reinforced concrete slabs and replaced it as understand serviceability concepts 3<sup>rd</sup> Learning Outcome of unit 3.
31. Dr.I.V.Ramana Reddy regarding Advanced Structural Analysis subject suggested to remove Flexibility matrix method topic of unit 4.
32. Dr.I.V.Ramana Reddy regarding Design of Steel Structures subject suggested to remove the term bending of unit 2, to remove the term allowable stresses of unit 4.
33. Dr.I.V.Ramana Reddy regarding Advanced RCC Design subject suggested to remove the bunkers and silos and include Shear walls in unit 2.
34. Dr.I.V.Ramana Reddy suggested to change the lab name of Structural Designing Using STADD PRO to Computer Aided Design of Structures.
35. Dr.I.V.Ramana Reddy suggested to include 4 different specialization subjects in Professional Elective Courses.
36. All BOS members given approval for the panel of examiners for setting the Question papers proposed by BOS Chairman.

## Snap shots of First BOS Meeting



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
(Autonomous)  
Karakambadi Road, TIRUPATI – 517507  
DEPARTMENT OF CIVIL ENGINEERING

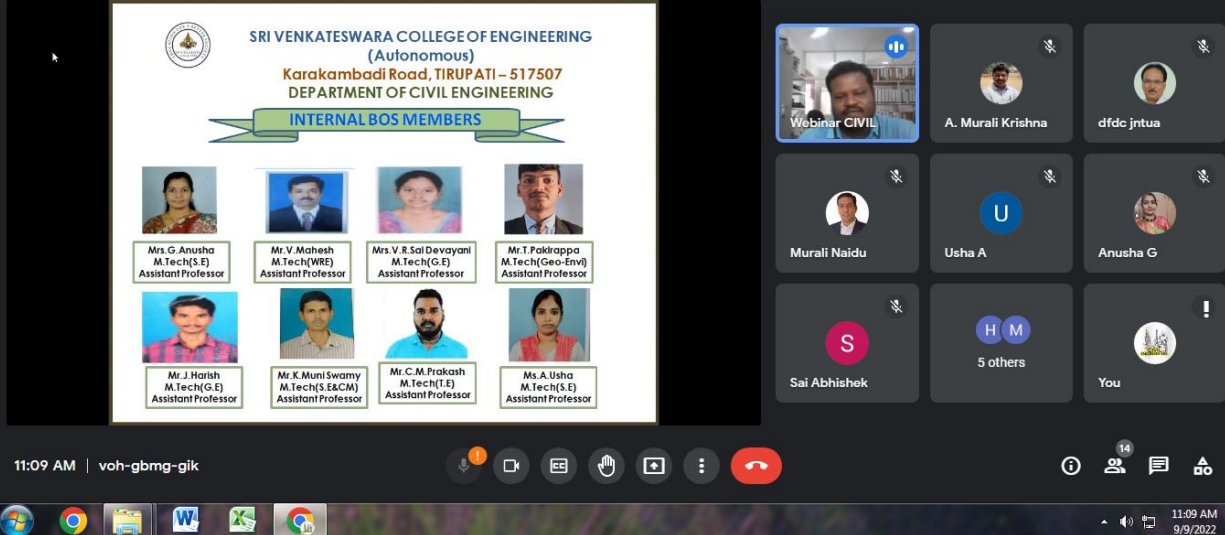
**Prof. P. Bhanu Murthy**  
Director  
Faculty Development Program Cell  
Professor of Civil Engineering  
JNTUA, Anantapur  
JNTUA CE-BOS MEMBER

Sent Mail - hod\_ce@svce.edu.in - X Meet - voh-gbm-gik SVC Group Mail WhatsApp

meet.google.com/voh-gbm-gik









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REC Webinar CIVIL is presenting



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
(Autonomous)  
Karakambadi Road, TIRUPATI – 517507  
DEPARTMENT OF CIVIL ENGINEERING

**INTERNAL BOS MEMBERS**

 Mrs. G. Anusha M.Tech(S.E) Assistant Professor	 Mr. V. Mahesh M.Tech(WRE) Assistant Professor	 Mrs. V. R. Sai Devayani M.Tech(G.E) Assistant Professor	 Mr. T. Pokkrappa M.Tech(Geo-Env) Assistant Professor
 Mr. J. Harish M.Tech(G.E) Assistant Professor	 Mr. K. Muni Swamy M.Tech(S.E&CM) Assistant Professor	 Mr. C.M. Prakash M.Tech(T.E) Assistant Professor	 Ms. A. Usha M.Tech(S.E) Assistant Professor

11:09 AM | voh-gbm-gik

11:09 AM 9/9/2022

Webinar CIVIL is presenting

11:32 AM | voh-gbmg-gik

11:32 AM 9/9/2022

		PCE	3-0-0	3
4	<b>Elective</b>			
5	CE20APE501a CE20APE501b CE20APE501c CE20APE501d CE20APE501e	Professional Core Elective: 1. Advanced Structural Analysis 2. Cost Effective Housing Techniques 3. Solid and Hazardous Waste Management 4. Transportation Safety Systems 5. Water Harvesting and Conservation		
6	CE20APC504	Environmental Engineering Lab	PC(L)	0-0-3 1.5
7	CE20APC505	Geotechnical Engineering Lab	PC(L)	0-0-3 1.5
8	CE20ASC501	Elements of Building, Planning and Drawing	SAC/SSC	1-0-2 2.0
9		Constitution of India	MC	2-0-0 0
10		Problem Solving and Programming (Lateral Entry Students only)	MC	2-0-0 0
11	CE20AT5501	Technical Seminar Presentation-I	TS	0-0-0 0.5
12		Evaluation of Internship 4 to 6 weeks after second year		0-0-0 1.5
		<b>Total</b>		<b>2.2</b>
		Honors/Minor courses (NPTEL / MOOC Course)		2-0-0 2

Open Elective I

Webinar CIVIL is presenting

12:17 PM | voh-gbmg-gik

12:17 PM 9/9/2022

**UNIT-II**  
**Introduction to safety**  
Road accidents, Trends, causes, Collision diagrams; Highway safety; Human factors and road user limitations; Speed and its effect on road safety; Vehicle factors; Highway safety in India. Crash Vs Accident; Road safety improvement strategies; Elements of a road safety plan, Safety data Needs; Safe vehicle design.

**Learning outcomes:**  
At the end of the unit, the student will be able to

- Learn about the causes of accidents and its severities
- Draw collision diagrams and condition diagrams
- Learn about different road improvement strategies
- Understand the vehicle design configurations

**UNIT-III**  
**Statistical Interpretation and Analysis of Crash Data**  
Before-after methods in crash analysis, Recording of crash data; Accident Investigation and Analysis; Statistical testing and the role of chance; Black Spot Identification and Investigations, Case Studies.

**Learning outcomes:**

Webinar CIVIL is presenting

**UNIT II**  
**Traffic Surveys and Analysis**  
 Surveys and Analysis - Volume, Capacity, Speed and Delays, Origin and Destination, Parking, Pedestrian Studies, Accident Studies and Safety Level of Services- Problems  
**Learning outcomes:**  
 After completion of this unit, student will be able to:

- Learn the different surveys need to be conducted to obtain traffic data
- Conduct traffic volume, speed and origin destination surveys to collect traffic data
- Understand the importance of conducting parking studies and accident studies

1:18 PM | voh-gbmg-gik

Webinar CIVIL, Harish Jattum, A. Murali Krishna, Anusha G, dfdc jntua, devayani VR, Sai Abhishek, 4 others, You

dfdc jntua

SL.No	Details of Examiners	Subject Expertise
1	<b>Dr B Venkatesah</b> Assistant Professor Dept. of Civil Engineering, Sree Vidyanikethan Engineering College, Sri Sainath Nagar, A.Rangampet, Tirupati E Mail: <a href="mailto:venkatesh.b@vidyanikethan.edu.in">venkatesh.b@vidyanikethan.edu.in</a> Mob: 8754517751	Geo-technical Engineering
2	<b>Dr. Subbarao Pichuka</b> Assistant Professor Dept. of Civil Engg. NITAP E- MAIL: <a href="mailto:subbarao@nitandhra.ac.in">subbarao@nitandhra.ac.in</a> PHONE: +91 9398471422	Geo-technical Engineering
3	<b>Dr.IV Ramana Reddy</b> Professor, SV University College of Engineering Tirupati Mobile: 9849678039 Email : <a href="mailto:svshar4@yahoo.co.in">svshar4@yahoo.co.in</a>	Structural Engineering
4	<b>Dr. D Srinivasa Murthy</b>	

*M. Chittaranjan*  
 Dr.M.Chittaranjan  
 (HOD, CE)



**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

**(Affiliated to J.N.T. University Anantapur, Ananthapuramu)**

**Karakambadi Road Tirupati-517 507**

## **BoS Minutes of Meeting**

**On**

**06-09-2022**



**DEPARTMENT OF INFORMATION TECHNOLOGY**



## BOARD OF STUDIES MEETING

Mode	Online
Platform	Google Meet
Meeting Link	<a href="https://meet.google.com/csj-iebz-wiq">https://meet.google.com/csj-iebz-wiq</a>
Venue	Sri Venkateswara College of Engineering, Tirupati
Date	06-09-2022
Time	2:30 PM

### Minutes of the Meeting

#### DEPARTMENT OF IT – BOS MEMBERS

Board of studies - Information Technology			
S. No.	Name of the member	Designation & Address	Role
1	Dr S. Murali Krishna	Professor & HOD Department of Information Technology SV College of Engineering, Tirupati Mobile No. 9849356444 E-Mail ID : <a href="mailto:hod_it@svce.edu.in">hod_it@svce.edu.in</a>	Chairman
2	Dr A. Suresh Babu	Professor in CSE JNTUA College of Engineering JNTUA-Anantapuramu Mobile No: 9440388093 E-mail-id: <a href="mailto:sureshalladi.cse@jntua.ac.in">sureshalladi.cse@jntua.ac.in</a>	Subject Expert nominated by JNTUA
3	Dr P. Venkata Krishna	Professor and BOS Chairman Dept. of Computer Science, Sri Padmavati Mahila University, Tirupati, Mobile No:9443215749 E-mail-id: <a href="mailto:parimalavk@gmail.com">parimalavk@gmail.com</a>	Subject Expert Nominated by Academic Council
4	Dr D. Vivekananda Reddy	Associate Professor Dept. of CSE Sri Venkateswara University Tirupati Mobile no: 9441005225 E-mail: <a href="mailto:svuvivek@gmail.com">svuvivek@gmail.com</a>	Subject Expert Nominated by Academic Council

5	C Yuktesh	Smart Bridge Director-Academic Initiatives, Hyderabad. Mobile no: 8008432121 Email-id: <a href="mailto:Yuktesh@thesmartbridge.com">Yuktesh@thesmartbridge.com</a>	Industry Expert
6	Mr. Lateef Parlapalli	Assistant vice President, Automation lead Synchrony (formerly known as GE Capital) Mobile no: 9666628565 Email id : <a href="mailto:dreamtoaim.lateef@gmail.com">dreamtoaim.lateef@gmail.com</a>	Alumni nominated by Academic Council.
7	C Raja	Assistant Professor Department of IT Department of Information Technology SV College of Engineering, Tirupati Mobile No.8897778957 E-mail-id: <a href="mailto:Rajachejarla85@gmail.com">Rajachejarla85@gmail.com</a>	Member
8	A Basi Reddy	Assistant Professor Department of IT Department of Information Technology SV College of Engineering, Tirupati Mobile No.9703474541 E-mail-id: <a href="mailto:basireddy.a@svcolleges.edu.in">basireddy.a@svcolleges.edu.in</a>	Member
9	N.Nalini	Assistant Professor Department of IT Department of Information Technology SV College of Engineering, Tirupati Mobile No.8985322122 E-mail-id: <a href="mailto:nalini.nara@svcolleges.edu.in">nalini.nara@svcolleges.edu.in</a>	Member
10	P Jaya Prakash	Assistant Professor Department of IT Department of Information Technology SV College of Engineering, Tirupati Mobile No.9908876781 E-mail-id: <a href="mailto:jayaprakash.p1@svcolleges.edu.in">jayaprakash.p1@svcolleges.edu.in</a>	Member
11	G Tagore Sai Prasad	Assistant Professor Department of IT Department of Information Technology SV College of Engineering, Tirupati Mobile No.9502013685 E-mail-id: <a href="mailto:tagore.g@svcolleges.edu.in">tagore.g@svcolleges.edu.in</a>	Member

12	R Raja Kumar	Assistant Professor Department of IT Department of Information Technology SV College of Engineering, Tirupati Mobile No.6309550260 E-mail-id: <a href="mailto:rajakumar.r@svcolleges.edu.in">rajakumar.r@svcolleges.edu.in</a>	Member
13	K Naresh	Assistant Professor Department of IT Department of Information Technology SV College of Engineering, Tirupati Mobile No.9959249971 E-mail-id: <a href="mailto:naresh.k@svcolleges.edu.in">naresh.k@svcolleges.edu.in</a>	Member

### DEPARTMENT OF IT – BOS MEMBERS (ATTENDANCE)

S.No.	Name of the Member	Attendance
1	Dr S. Murali Krishna	Attended
2	Dr A. Suresh Babu	Attended
3	Dr P. Venkata Krishna	Attended
4	Dr D. Vivekananda Reddy	Attended
5	Mr C Yuktesh	Attended
6	Mr. Lateef Parlapalli	Attended
7	C Raja	Attended
8	A Basi Reddy	Attended
9	N.Nalini	Attended
10	P Jaya Prakash	Attended
11	G Tagore Sai Prasad	Attended
12	R Raja Kumar	Attended
13	K Naresh	Attended

**Agenda:**

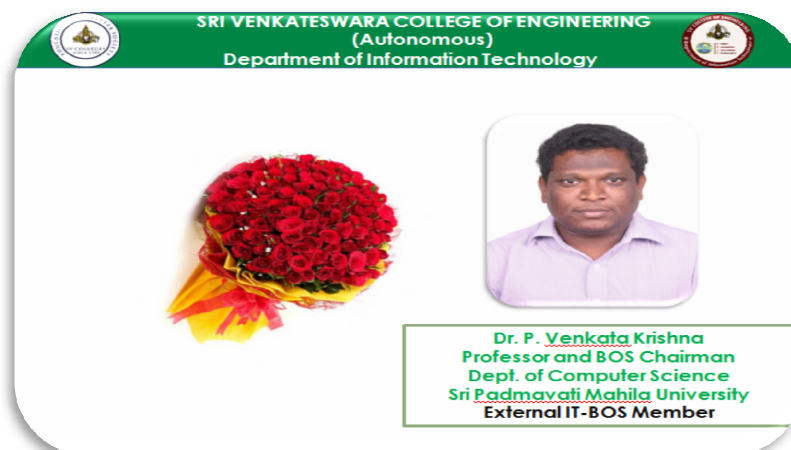
1. Introduction of newly nominated members to the BoS committee.
2. About the B.Tech 3<sup>rd</sup> and 4<sup>th</sup> year Course Structure and syllabi.
3. Minor and Honor Degree courses.
4. Suggestions from BOS Members.

**Order of events:**

1. The meeting was held online via Google Meet platform.
2. Welcome address by Dr.S Murali Krishna, Professor & HOD of IT,SVCE.
3. Presentation by Dr.S Murali Krishna, Professor & HOD of IT,SVCE.
4. Discussion on III& IV Year B. Tech IT Course Structure & Syllabus.
5. Discussion on Open Elective Courses & Professional Elective Courses and concerned Syllabus.
6. Discussion on Honor/Minor degree course structure and guidelines.
7. Review & Suggestions from BOS Academic Experts.
8. Vote of thanks by chairman.

## Minutes of Meeting:

1. Proceedings of the 3<sup>rd</sup> BoS meeting held on 06/09/2022
2. BoS Chairman presided over the meeting and cordially welcomed all the members of BoS to the meeting.
3. The meeting held in virtual platform(Google Meet) and commenced at about 02.30 PM on 06-09-2022
4. Dr S Murali Krishna , Chairman BoS IT introduced All BOS Members.





The presentation includes genesis of the department, B.Tech<sup>3<sup>rd</sup></sup> and 4<sup>th</sup> year Course Structure along with the detailed syllabi.

The following are the few suggestions and feedback given by the academic experts

- 1 **A Suresh Babu** suggested to include more experiments in the skill oriented Course
- 2 **Dr. P. Venkata Krishna** suggested to include MOOC Courses in the place of skill oriented courses
- 3 **Dr.D Vivekananda Reddy**, suggested to conduct workshops and seminars related to core subjects.
- 4 **C Yuktesh** and **Mr. Lateef Parlapalli** expressed satisfaction with the course structure and syllabus of IT related subjects and IT course structure is almost meeting the requirements of industry needs.
- 5 **Dr.S Murali Krishna** concluded the meeting by giving vote of thanks to all the BoS members. He thanked all the members for their kind presence and support.
- 6 At the end it is decided to incorporate modifications as suggested by academic experts and share it all members for further approval process.
- 7 The meeting ended with the wishes by BoS members at 4:40pm.

## Snap shots of Third BOS Meeting:

This screenshot shows a Google Meet interface during a presentation. The main window displays a Microsoft PowerPoint slide titled "Welcome To BOS Meeting on 06-09-2022" from Sri Venkateswara College of Engineering (Autonomous), Department of Information Technology. The slide features a college building and the name "Dr. S. Murali K". A small notification box in the bottom right of the slide area says "meet.google.com • You're presenting to everyone. Click here to return to the video call when you're ready to stop presenting." The right sidebar shows a grid of participants: Vivek D, HOD\_IT SVCE, nalini n, jayaprakash p, BasiReddy Avula, Naresh K, and a large tile for "You" (R). The bottom status bar indicates the time is 14:25 and the meeting is "SVCE-IT-BOS Meeting on 6-9-2022@2.30PM". The system tray at the bottom shows a weather forecast of 93°F Partly sunny and the date 9/6/2022.

This screenshot shows a Google Meet interface during a presentation. The main window displays a presentation slide with a dark background and a grid of participants. The right sidebar shows a grid of participants: HOD\_IT SVCE, Vivek D, Yuktesh C, Keerthi Priya My..., Venkata Krishna, BasiReddy Avula, nalini n, 7 others, and a large tile for "You" (R). The bottom status bar indicates the time is 15:12 and the meeting is "SVCE-IT-BOS Meeting on 6-9-2022@2.30PM". The system tray at the bottom shows a weather forecast of 93°F Partly sunny and the date 9/6/2022.



Meet - SVCE-IT-BOS Meeting | meet.google.com/csj-liebz-wiq

HOD\_IT SVCE is presenting

SVCE-IT-Course-Structure.pdf - Nitro Pro

MOOCS-II COURSES LIST

S.No	MOOCS-II Course List	Link
1	Python for Data Science	<a href="https://onlinecourses.upd.ac.in/oc22_oc74/preview">https://onlinecourses.upd.ac.in/oc22_oc74/preview</a>
2	Programming data structures and algorithms using python	<a href="https://onlinecourses.upd.ac.in/oc22_oc70/preview">https://onlinecourses.upd.ac.in/oc22_oc70/preview</a>
3	Bigdata computing	<a href="https://onlinecourses.upd.ac.in/oc22_oc65/preview">https://onlinecourses.upd.ac.in/oc22_oc65/preview</a>
4	Multi core computer architecture storage & interconnects	<a href="https://onlinecourses.upd.ac.in/oc22_oc73/preview">https://onlinecourses.upd.ac.in/oc22_oc73/preview</a>

14:52 | SVCE-IT-BOS Meeting on 6-9-2022@2.30PM

93°F Partly sunny

Windows taskbar: 11:51 AM 9/6/2022

Participants: Vivek D, HOD\_IT SVCE, Keerthi Priya My..., BasiReddy Avula, Yuktesh C, Venkata Krishna, Dr. Suresh Babu, 7 others, You.

Meet - SVCE-IT-BOS Meeting | meet.google.com/csj-liebz-wiq

HOD\_IT SVCE is presenting

OC-2.pdf - Nitro Pro

4	Automation & Robotics	ME	3-D-0-3
5	IC Applications	ECE	
6	Signal Processing	ECE	
7	Utilization of Electrical Engineering	EEE	
8	Programmable Logic Controllers	EEE	
9	Ground Improvement Techniques	CE	
10	Data Analytics using R	CSE	

14:59 | SVCE-IT-BOS Meeting on 6-9-2022@2.30PM

93°F Partly sunny

Windows taskbar: 12:59 PM 9/6/2022

Participants: Vivek D, HOD\_IT SVCE, Keerthi Priya My..., BasiReddy Avula, Yuktesh C, Venkata Krishna, nallini n, 7 others, You.



Meet - SVCE-IT-BOS Meeting

meet.google.com/csj-iebz-wiq

Gmail YouTube Maps

HOD\_IT SVCE is presenting

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
(Autonomous)  
Department of Information Technology

**Course Structure – B. Tech, IT - VI SEM**

S. No	Course Name	Category	L-T-P	Credits
1	Mobile Application Development	PC	3-0-0	3
2	Web Technologies	PC	3-0-0	3
3	Object Oriented Analysis Design & Testing	PC	3-0-0	3
4	Professional Elective-II Compiler Design Machine Learning Natural language processing	PEC	3-0-0	3
5	Open Elective-II	OEC	3-0-0	3
6	Mobile Application Development Lab	PC	0-0-3	1.5
7	Web Technologies Lab	PC	0-0-3	1.5
8	Object Oriented Analysis Design & Testing Lab	PC	0-0-3	1.5
9	Skill Oriented Course-IV MOOC-3(NPTEL)	SC	1-0-2	2
10	Mandatory non-credit course-VI Constitution of India	MC	2-0-0	0
11	AI Tools Techniques and Applications (Lateral Entry Students only)	MC	2-0-0	0
12	Technical Seminar Presentation-II	TS		0.5
13	Industrial/Research Internship (Mandatory) 1 Month during summer vacation			
			<b>Total</b>	<b>22</b>
14	Honors/Minor courses (The hours distribution can be 3-0-2 or 3-1-0 also)		4-0-0	4
			<b>Total</b>	<b>26</b>

05-09-2022

BOS-Meeting

14:59 | SVCE-IT-BOS Meeting on 6-9-2022@2.30PM

93°F Partly sunny

ENG IN 2:59 PM 9/6/2022

Participants: Vivek D, HOD\_IT SVCE, Keerthi Priya My..., Basireddy Avula, Yuktesh C, Venkata Krishna, nalmi n, 7 others, You

Meet - SVCE-IT-BOS Meeting

meet.google.com/csj-iebz-wiq

Gmail YouTube Maps

HOD\_IT SVCE is presenting

**SVCE-IT-BOS Meeting on 6-9-2022@2.30PM**

S. No	Course No	Course Name	Category	L-T-P	Credits
1	IT20AP701a IT20AP701b IT20AP701c	Professional Elective-III Blockchain Technology and Applications Artificial Neural Networks Internet of Things	PEC	3-0-0	3
2	IT20AP702a IT20AP702b IT20AP702c	Professional Elective-IV Software Project Management Deep Learning Cryptography & Network Security	PEC	3-0-0	3
3	IT20AP703a IT20AP703b IT20AP703c	Professional Elective-V Big Data Analytics Human Computer Interaction Agile Methodologies	PEC	3-0-0	3
4		Open Elective-III	OEC	2-0-2	3
5		Open Elective-IV	OEC	3-0-3	3
6	ME20AH701a ME20AH701b ME20AH701c	Humanities and Social Science Elective Business Ethics and Corporate Relations Management Science Strategic Management	HS	3-0-0	3
7	IT20AS701	Skill Oriented Course-V MOOC-2 (NPTEL) Advanced Web Programming	SC	1-0-2	2
8	IT20AP701	Evaluation of Internship		0-0-0	3
9	IT20AP701	Project Phase-II	PMW		2
10	IT20AT701	Technical Seminar Presentation-II	TS		0.5
		<b>Total</b>			<b>25.5</b>

15:00 | SVCE-IT-BOS Meeting on 6-9-2022@2.30PM

93°F Partly sunny

ENG IN 3:00 PM 9/6/2022

Participants: Vivek D, HOD\_IT SVCE, Keerthi Priya My..., Basireddy Avula, Yuktesh C, Venkata Krishna, nalmi n, 7 others, You

Meet - SVCE-IT-BOS Meeting: [meet.google.com/csj-iebz-wiq](https://meet.google.com/csj-iebz-wiq)

Gmail YouTube Maps

HOD\_IT SVCE is presenting

YUKU\_Courts\_Statment\_Memo\_115

Sr	Sl	Topic	Faculty	Cr	Pr	Gr
1	12204F701a	IEEE Learn Technology with Applications	PEC	3-0-0	3	
2	12204F701b	Artificial Intelligence	PEC	3-0-0	3	
3	12204F701c	Software Project Management	PEC	3-0-0	3	
4	12204F701d	Deep Learning	PEC	3-0-0	3	
5	12204F701e	Cryptography & Network Security	PEC	3-0-0	3	
6	12204F701f	Professional Bioethics	PEC	3-0-0	3	
7	12204F701g	Agile Methodologies	PEC	3-0-0	3	
8	12204F701h	Open Elective-II	OEC	3-0-2	3	
9	12204F701i	Open Elective-III	OEC	3-0-2	3	
10	12204F701j	Business Ethics and Corporate Relations	HS	3-0-0	3	
11	12204F701k	Management Science	HS	3-0-0	3	
12	12204F701l	Strategic Management	HS	3-0-0	3	
13	12204F701m	AIIB General Course-V	OC	1-0-2	2	
14	12204F701n	WOC-2 (MIS)-Advanced Web Programming	OC	1-0-2	2	
15	12204F701o	Evaluation of Internship	OC	0-0-0	3	
16	12204F701p	Project Phase-I	PIW	2	2	
17	12204F701q	Technical Seminar Presentation-II	TS	0-0	0-0	
18		<b>Total</b>		<b>21.0</b>	<b>4</b>	
19		Priority/Memorandum (The hours distribution can be 3-0-3 or 3-1-0 also)		<b>4-0-0</b>	<b>4</b>	

15:02 | SVCE-IT-BOS Meeting on 6-9-2022@2.30PM

93°F Partly sunny

ENG IN 3:02 PM 9/6/2022

Meet - SVCE-IT-BOS Meeting: [meet.google.com/csj-iebz-wiq](https://meet.google.com/csj-iebz-wiq)

Gmail YouTube Maps

HOD\_IT SVCE is presenting

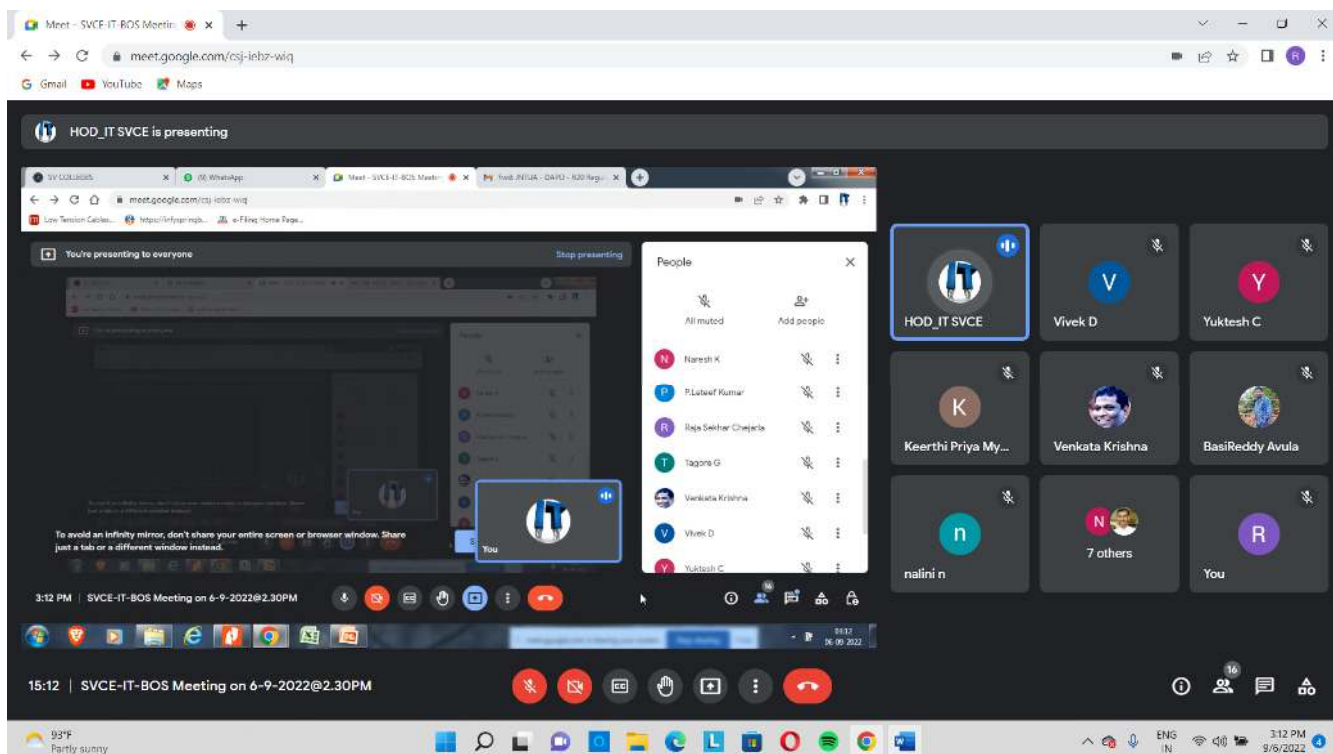
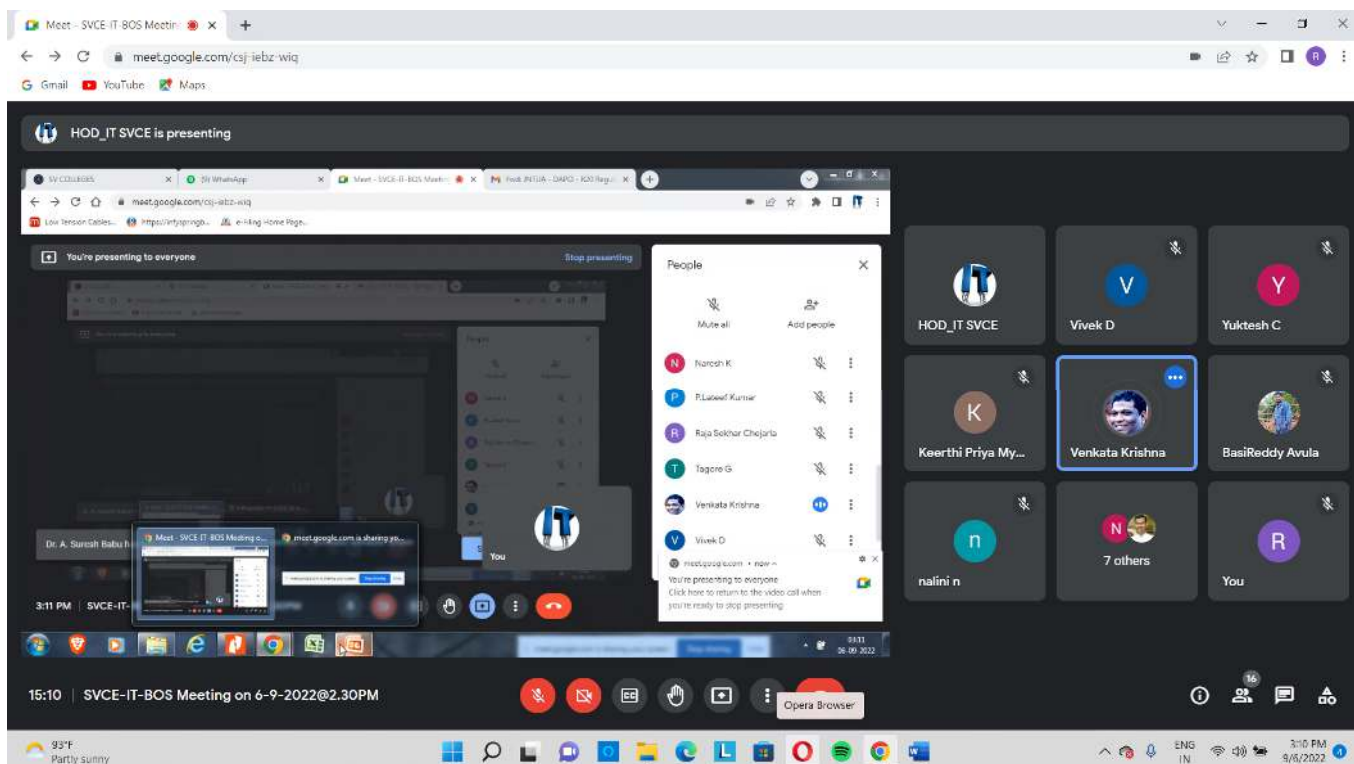
CE 4.pdf - Memo 115

Sr	Sl	Topic	Faculty	Cr	Pr	Gr
1		Cyber Security	CSE			
2		Numerical Methods for Engineers	HS&S			
3		Principles of Communication Engineering	ECE			
4		Electrical Distribution Systems	EEE			
5		Energy Auditing & Energy Conservation	EEE			
6		Electronics Measurements & Instrumentation	ECE			
7		Rural Water Supply and Sanitation	CE			
				3-0-0-3		

15:08 | SVCE-IT-BOS Meeting on 6-9-2022@2.30PM

93°F Partly sunny

ENG IN 3:08 PM 9/6/2022



**Dr.S Murali Krishna**  
(HOD of IT & Chairman, BoS(IT))

**Copy to**

**Principal,  
Chairman, BoS  
Members, To  
file**

# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

**(Affiliated to J.N.T. University Anantapur, Anantapuramu)**

**Karakambadi Road Tirupati-517 507**

## **Third BoS Minutes of Meeting**

On  
08-09-2022



**DEPARTMENT OF MECHANICAL ENGINEERING**

### THIRD BOARD OF STUDIES MEETING Minutes of the Meeting

Mode	Online
Platform	Google Meet
Meeting Link	<a href="https://meet.google.com/qxo-wymx-zgu">https://meet.google.com/qxo-wymx-zgu</a>
Venue	Sri Venkateswara College of Engineering, Tirupati
Date	08-09-2022
Time	10:00 A.M. to 12:00 P.M.
Academic Year	2021-2022

### DEPARTMENT OF M.E. – BoS MEMBERS

S. No.	Name of the Member	Designation & Address	Role
1.	Dr. M. Chandrasekhara Reddy	Professor & Head Department of Mechanical Engineering, SV College of Engineering, Karakambadi Road, Tirupati – 517507, Andhra Pradesh, India. Mobile -9912243800 Mail – hod_me@svce.edu.in	Chairman
2.	Dr.B. Durga Prasad	Professor JNTUA College of Engineering Jawaharlal Nehru Technological University, Anantapur – 515 002 <b>E-mail:</b> mukdhajntu@gmail.com Phone: <b>9490738404.</b>	Subject Expert nominated by JNTUA.
3.	Dr. N. Venkaiah	Associate Professor Department of Mechanical Engineering Indian Institute of Technology Tirupati Renigunta road, Settipalli Post, Tirupati – 517506 Mobile -9441933382 Mail - venkaiah@iittp.ac.in	Subject Expert nominated by Academic Council.
4.	Dr. P. Venkata Ramaiah	Professor Department of Mechanical Engineering S V University College of Engineering Tirupati-517502 Mobile – 8523891853 Mail: pvramaiah@gmail.com	Subject Expert nominated by Academic Council.
5.	Mr. M. Sreenivasa Rao	Manufacturing Head- ASBU Amara Raja Batteries Limited, Karakambadi Road-517520, Tirupati, Andhra Pradesh, India Mobile: 9885195541 Mail: msr@amararaja.co.in	Industry Expert nominated by Academic Council.
6.	Mr. Sree Rama Madhusudan	Product Design Engineer, Knowledge Lens Pvt Ltd Plot 74/A Keonics Electronic City, Behind Cyber Park	PG Alumni nominated by Academic Council.

		Electronic City Phase 1, Bangalore 560100 Mobile Number #9030773546 Mail: madhusudhan.sreerama@knowledgelens.com	
7.	Dr. M. Vamsi Krishna	Mobile: 8978407734 Email: vamsikrishna.mamidi@svcolleges.edu.in	Member
8.	Dr. K. Madhivanan	Mobile: 9994490861 Email: madhivanan.k@svcolleges.edu.in	Member
9.	Dr. N. Rajesh	Mobile No: 9985289928 Email: rajesh.n@svcolleges.edu.in	Member
10.	Dr. E. Venkata Kondaiah	Mobile: 9866406540 Email: venkatakondaiah.e@svcolleges.edu.in	Member
11.	Dr.K. Jagath Narayana	Mobile: 9891598684 Mail: jagath.kamineni@svcolleges.edu.in	Member
12.	Dr. K. Renugadevi	Mobile: 9550802416 Mail: renugadevi.k@svcolleges.edu.in	Member
13.	Mr. D. Anjan Kumar Reddy	Mobile: 8555909344 Mail: anjankumarreddy.d1@svcolleges.edu.in	Member
14.	Mr. G. Guru Mahesh	Mobile: 9966214744 Mail: gurumahesh.g@svcolleges.edu.in	Member
15.	Mr. M. Gopala Krishna	Mobile: 9030341325 Mail: gopalakrishna.m@svcolleges.edu.in	Member
16.	Mr. P. Charan Theja	Mobile: 9985851430 Mail: charantheja.pl@svcolleges.edu.in	Member

### **Agenda:**

1. Introduction of all the BOS Members
2. About the Department/College
3. Achievements
4. Information on Teaching Learning process.
5. Approval for the Course Structure (R20) to be followed for students admitted in the year 2020 pertaining to B. Tech (Mechanical).
6. Modification of course structure in I Year and II Year curriculum (2022-2023).
7. Allocation of credits for various courses modification and total credits from 160 credits to 163 credits.
8. Approval for the III B. Tech I & II SEM and IV B. Tech I & II SEM Syllabus of various Course.
9. MoUs
10. Information on Academic Performance of the students for the Previous academic year and Placements.
11. Valued Recruiters and Internships
12. Information on events organized for the Previous academic year and calendar of events for the upcoming months
13. Student Achievements
14. Course Structure -UG (B.Tech.-Mechanical Engineering)
15. Suggestions from BOS Members

### **Order of events:**

1. The meeting started with joining of BOS members to the online meeting in Google Meetplatform.
2. Welcome address by Dr. M. Chandrasekhara Reddy, Professor & HoD of M.E, SVCE
3. Presentation by Dr. M. Chandrasekhara Reddy, Professor & HoD of M.E, SVCE
4. Discussion on Achievements and progress of the department
5. Discussion on B. Tech M.E Course Structure & Syllabus
6. Vote of thanks by chairman

### **Minutes of Meeting:**

#### **Proceedings of the Thrid BoS meeting held on 08.09.2022.**

Dr. M. Chandrasekhara Reddy, Chairman BoS M.E introduced members of BOS committee nominated by JNTUA and Academic Council.

- Dr.B. Durga Prasad, Professor, JNTUA College of Engineering, Jawaharlal Nehru Technological University, Anantapur. Subject Expertnominated by JNTUA.
- Dr. N. Venkaiah, Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology Tirupati. Subject Expertnominated by Academic Council.
- Dr. P. Venkata Ramaiah, Professor, Department of Mechanical Engineering, S V University College of Engineering, Tirupati. Subject Expertnominated by Academic Council.
- Mr. M. Sreenivasa Rao, Manufacturing Head- ASBU, Amara Raja Batteries Limited, Tirupati, Industry Expertnominated by Academic Council.
- Mr. Sree Rama Madhusudan, Product Design Engineer, Knowledge Lens Pvt Ltd, Bangalore, PG Alumni nominated byAcademic Council.

The presentation includes genesis of department achievements and recognitions subsequently, college recognitions and achievements subsequently the discussion shifted to review of course structure and syllabus of UG and PG.

During the presentation the feedback and remarks given by the academic experts are given below Further, presented the course structure for B-Tech, ME, the syllabus which was prepared according to Andhra Pradesh State Council and Higher Education (APSCHE) and JNTUA-R20 regulations.

#### **Comments/Suggestions on B-Tech courses/Syllabus:**

In the beginning of the BOS meeting, all the members in BOS congratulated Dr. Durga Prasad for becoming a director OTPRI (Oil Technological and Pharmaceutical Research Institute).

Chairman of board of studies has given presentation on the department domain expertise, recognitions, and achievements etc. Subsequently, presentation moved on to the main purpose of the BOS meeting, started by presenting the overall structure on how to implement this BOS program in a systematic approach.

Further, presented the course structure for B-Tech, ME, the syllabus which was prepared according to Andhra Pradesh State Council and Higher Education (APSCHE) and JNTUA-R20 regulations.

#### **Corrections on R-20 Course structure and Syllabus**

1. Open elective mentioned as job oriented in the course structure, BOS suggested to correct as open elective only.
2. In course structure, V semester (III-I), the course title “Evaluation of internship” should be changed in line with the all-other departments



3. Correction of LTP, VI and VII semester courses should be corrected as per the course.
  4. Machine drawing and DME should be interchanged form the actual semesters.
  5. In open electives, AI/ML related courses should be added in the interest of students.
- As per one of the BOS members, expressed those 20 credits for minor and honor degree is on higher side, better to fix in between 9-12 credits, JNTU and other statutory bodies recommended 20 credits only.

#### **R20 Credits Modification from the A.Y 2022 – 2023**

<b>Semesters</b>	<b>Existing (Credits)</b>	<b>Proposed – Modification (Credits)</b>
I – I	19.5	19.5
I – II	19.5	22.5
II – I	21.5	21.5
II – II	21.5	21.5
III – I	21.5	22
III –II	21.5	22
IV – I	23	25.5
IV – II	12	8.5
<b>Total Credits</b>	<b>160</b>	<b>163</b>

#### **Remarks:**

1. As per the previous course structure UHV is a mandatory course in I –II, now it is modified as 03 credit course in I-II.
2. Technical Seminar (I/II/III) as 0.5 credits introduced in the course structure.
3. Earlier Project work is only in IV-II, now modified as Project Phase – I in IV-I with 02 credits.

#### **Information on Academic Performance of the students for the Previous academic years**

- Identifying the courses where students are suffering and identify the slow learners and provide the remedial classes to improve the pass percentage.'
- suggested to conduct remedial classes for students who failed in the courses.

#### **Information on placements**

- Industry experts suggested improve the placements, trying to send the students to internship at the end of 2nd year. Exposure of students to industries can get an opportunity to work in core-oriented companies and encourage the students for higher studies.
- Academic expert suggested for encouraging the students to write GATE exam Also he has given the information on public sector companies gives the placements based on the GATE score only.
- Suggested to maintain the lower cap, and do not allow the companies with lower package, it will degrade the quality of placements.

#### **Information and discussion on rubrics for Identifying best academic project.**

- Academic expert also suggested giving more weightage for publication and product development
- University nominee suggested to achieve all the parameters is difficult, so take one or two parameters into consideration.

#### **Table: Decision on BoS Agenda**

S.no	Item of Agenda	Decision
1	Information on teaching learning process	Approved
2	Information on Academic performance of the students for the Previous academic years and placements	Discussed and suggested for effective implementation of remedial classes and insisted to start the training and placements activities from the II Year.
3	Information on changes in course structure and no.of credits	Approved
4	Information on events organized for the Previous academic years and calendar of Events for the upcoming months	Discussed and suggested to increase the number of activities
5	Information on R & D activities of the A.Y Previous academic years	Discussed and suggested to increase the number of publications
6	Discussion and approval of syllabi I and II semesters, and course structure	Approved with minor modifications
7	Discussion and approval of syllabi for Honor and minor programmes	Approved with minor modifications
8	Discussion on Subject Experts for External Examiners	Approved
9	Any other item with the permission of chair	-----

With the permission and acceptance of all BoS members it is decided to incorporate suggestions and modification made by academic experts and Industry experts.

The chairman, BOS thanked all the members for their active participation, constructive suggestions, and encouragement.

The meeting ended with the wishes by BoS members at 12:00pm

Yours sincerely,

**Dr. M. Chandra Sekhara Reddy**  
Chairman, BOS (ME)

S. No.	Name of the Member	Signature
1.	Dr. M. Chandrasekhara Reddy	
2.	Dr.B. Durga Prasad	Approved through E-mail
3.	Dr. N. Venkaiah	Approved through E-mail
4.	Dr. P. Venkata Ramaiah	Approved through E-mail
5.	Mr. M. Sreenivasa Rao	Approved through E-mail
6.	Mr. Sree Rama Madhusudan	Approved through E-mail
7.	Dr. M. Vamsi Krishna	
8.	Dr. N. Rajesh	
9.	Dr. E. Venkata Kondaiah	

10.	Dr.K. Jagath Narayana	
11.	Dr. K. Renugadevi	
12.	Mr. D. Anjan Kumar Reddy	
13.	Mr. G. Guru Mahesh	
14.	Mr. M. Gopala Krishna	
15.	Mr. P. Charan Theja	
16.	Mr.M.Peeraiah	

### Snap shots of First BOS Meeting:

BOS Meeting for R20 III Year & IV Year Course Structure & Syllabus (2022-09-08 10:17 GMT+5:30)

Open with ▾

h0d\_me SVCE

**Sri Venkateswara College of Engineering  
(Autonomous)**  
Opp: LIC Training Centre, Karakambadi Road, Tirupati - 517 507.

**Hearty Welcome to  
Third Board of Studies Meeting  
on 08-09-2022**

**Department of Mechanical Engineering** 1

0:28 / 1:14:36

BOS Meeting for R20 III Year & IV Year Course Structure & Syllabus (2022-09-08 10:17 GMT+5:30)

Open with ▾

Dr DURGA PRASAD

**Course Structure - B.Tech - ME - I - I**

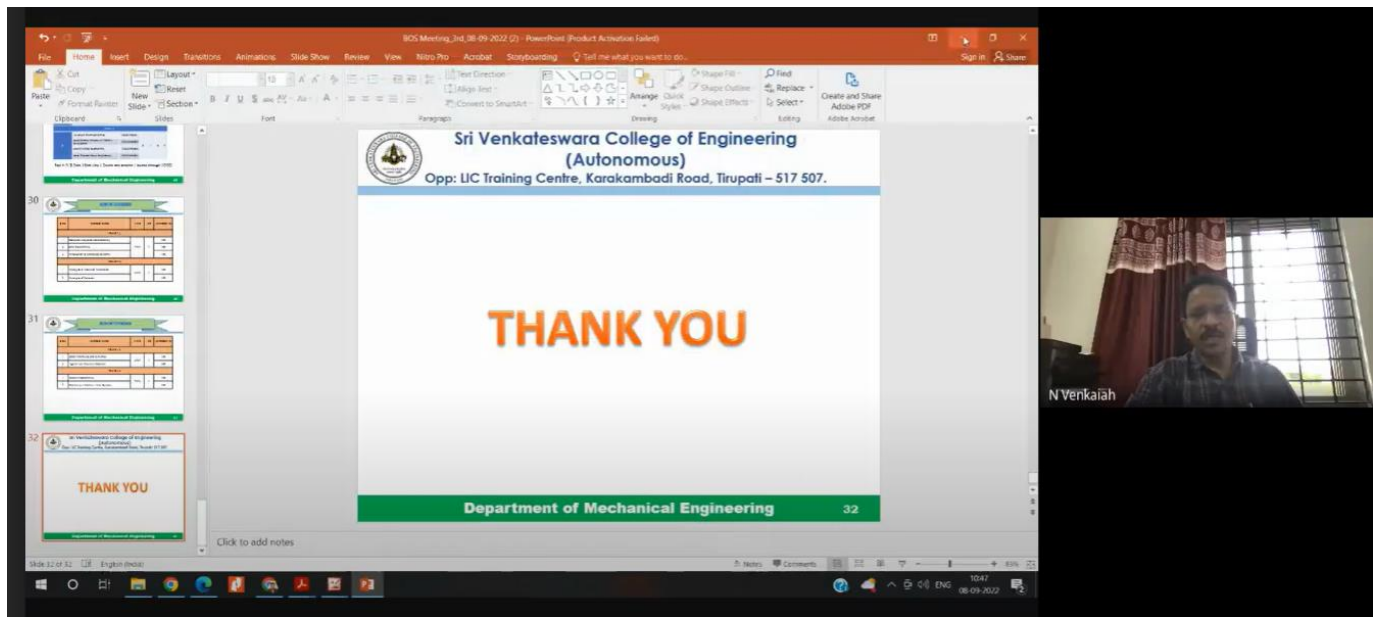
B.Tech - Mechanical Engineering Course structure is prepared according to **Andhra Pradesh State Council of Higher Education (APSCHE) & JNTUA Regulations (R-20)**.

S.No	Course No	Course Name	Category	L-T-P/D	Credits
1.	MA20AES101	Linear Algebra and Calculus	BS	3-0-0	3
2.	CH20AES101	Engineering Chemistry	BS	3-0-0	3
3.	CS20AES101	Problem Solving using C	ES	3-0-0	3
4.	EE20AES101	Basic Electrical & Electronics Engineering	ES	3-0-0	3
5.	ME20AES101	Engineering Workshop	ES	0-0-3	1.5
6.	CS20AES103	IT Workshop	ES	0-0-3	1.5
7.	CH20AES102	Engineering Chemistry Lab	BS	0-0-3	1.5
8.	CS20AES102	Problem Solving using C Lab	ES	0-0-3	1.5
9.	EE20AES102	Basic Electrical & Electronics Engineering Lab	ES	0-0-2	1.5
10.	EO20AMC103	Mandatory Noncredit Course Speech & Oral Communication	MC	2-0-0	0.0
<b>Total</b>					<b>19.5</b>

Category	Basic Science	Engineering Science	Total
Credits	7.5	12	19.5

**Department of Mechanical Engineering** 13

3:39 / 1:14:36



**Dr. M. Chandrasekhara  
Reddy  
(HOD of M. E)  
&  
Chairman, BoS (M.E)**

**Copy to**

- 1. Principal, Chairman and**
- 2. BoS Members To file**