



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC Accredited with A+ grade

Tamaram (V), Makavarapalem, Narsipatnam (RD), Anakapalle Dist., Pin-531113.

www.avanthienggcollege.ac.in, mail: principal@avanthienggcollege.ac.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Minutes of the 1st Board of Studies Meeting on Curriculum and Syllabus Approval

Date: 16/08/2024

Meeting Proceedings:

1. Welcome and introduction:

- BoS chairman (**Dr. U NANAJI**) welcomed the BoS members.

2. Agenda:

- To discuss and approve proposed curriculum in Programs: **B.Tech CSE, CSE(AIML), CSE(DS)** for I B. Tech -I & II Semesters with effect from the academic year 2024-2025
- To discuss and approve proposed curriculum in Program: **M.Tech(CSE)** : for I & II Semesters with effect from the academic year 2024-2025.

3. Approval of Agenda

- BoS Chairman proposed the curriculum for R24 B.Tech program for the following courses, **Problem Solving and Programming with C, Problem Solving and Programming with C Lab, IT Workshop, Data Structures through C, Data Structures through C Lab.**
- BoS Chairman proposed the curriculum for R24 **M.Tech** in **CSE**.
- Discussed about the changes that were proposed in the internal BoS meeting and asked the BoS members to review and approve the curriculum and syllabus.

4. Resolutions & suggestions:

- BoS member, **Dr. G JAYA SUMA** suggested to include **Scenario Based Case Study** for **Problem Solving and Programming with C Lab** course.
- BoS member; **Prof S PALLAM SETTY** curriculum and syllabus is fine and to do NPTEL Courses.
- BoS member, **Dr. T RAMAKRISHNUDU** nominee from academic council, suggested to include **Scenario Based Case Study** after Week-10 for **Problem Solving and Programming with C Lab** and **Data Structures through C Lab** courses and suggested in **Unit-3** detailed **Hashing Techniques** should be mentioned and in **Unit-5** first include **Graphs concept** and then **Tree** concepts from **Data Structures through C**





AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC Accredited with A+ grade

Tamaram (V), Makavarapalem, Narsipatnam (RD), Anakapalle Dist., Pin-531113.

www.avanthienggcollege.ac.in, mail: principal@avanthienggcollege.ac.in

Course.

- **CH SANKARA RAO**, BoS Member suggested to start practice from Week-8 in HackerRank for **Problem Solving and Programming with C Lab and Data Structures through C Courses**.
- **Dr.A V RAMANA**, BoS Member, suggested reducing number of experiments for **IT-WORKSHOP** Course.
- **Dr.K V N RAJESH**, BoS Member, suggested to do certification Courses as per Industry requirements.
- All BoS Members stated that they will share their valuable recommendations for the 1st BoS meeting.
- BoS chairman thanked all the Board of Studies members, considering all the recommendations & suggestions given by the respected BoS expert members and culminated the meeting.
- All the BoS members have accepted to adopt the proposed course structure and syllabus for the following programs/ courses:
 - i. I B.Tech(CSE)- I-SEM, II SEM
 - ii. I B.Tech(CSE(AIML))- I-SEM, II SEM
 - iii. I B.Tech(CSE(DS))- I-SEM, II SEM
 - iv. I M.Tech (CSE)- I SEM, II SEM
- It is agreed to forward the final version of the course structure and the syllabus to all the members through email.
- The next BoS meeting is planned to take up discussion and review of II,III & IV B.Tech(CSE) course structure and syllabus for various courses.

Yours truly,

BoS Chairman (CSE)

Head of the Department
Department Of Computer Science & Engineering
Avanathi Institute of Engineering & Technology
Makavarapalem, Anakapalli-531113.





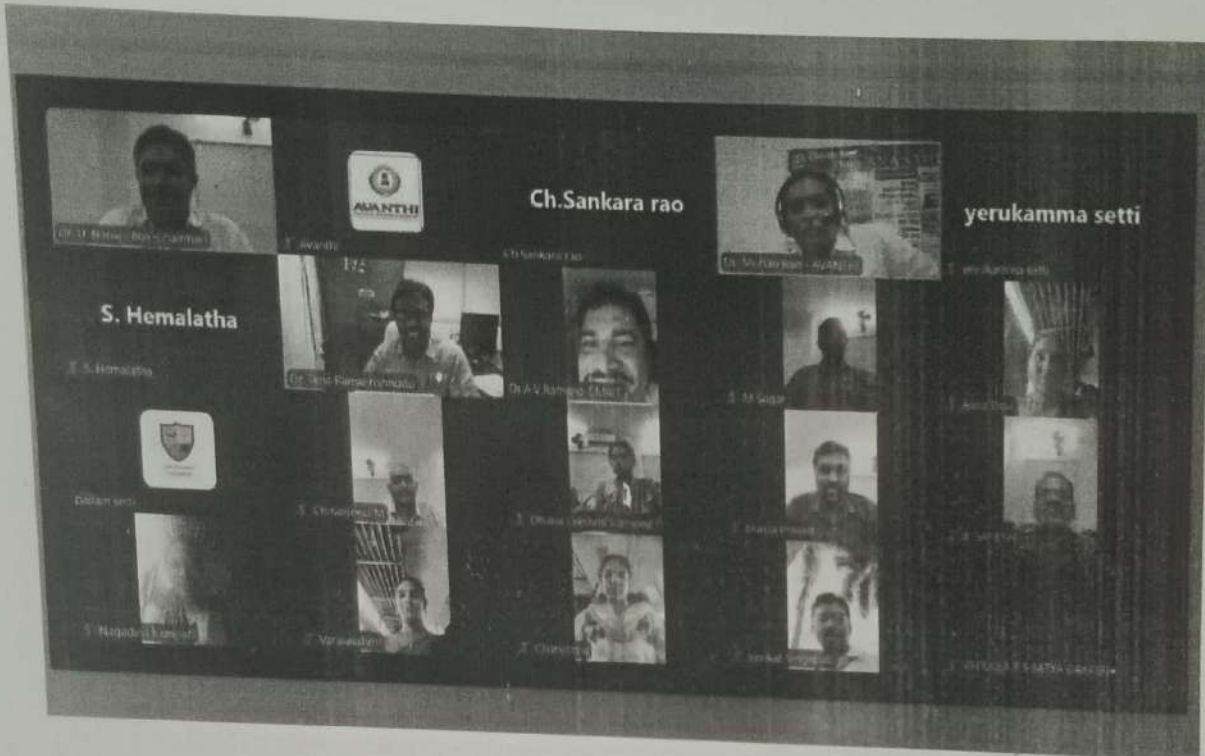
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC Accredited with A+ grade

Tamaram (V), Makavarapalem, Narsipatnam (RD), Anakapalle Dist., Pin-531113.

www.avanthienggcollege.ac.in, mail: principal@avanthienggcollege.ac.in



1st Board of Studies Meeting



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to J.N.T.U-GV, Vizianagaram)

NAAC "A+" Accredited Institute

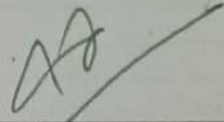


Tamaram (Village), Makavarapalem, Narsipatnam (R.D), **Anakapalle** (Dist),

Pin-531113 www.avanthienggcollege.ac.in, principal_aiet@yahoo.com

Minutes of First Board of Studies(BoS) Meeting

The first BoS meeting of the department of Computer Science and Engineering is held on 16th August 2024, 3P.M through online mode (**ZOOM MEETING**).

The following members were present:

S.NO	Name of the Member	Role
1.	Dr. C P V N J Mohan Rao, Principal, Avanthi Institute of Engineering and Technology, Makavarapalem.	Principal 
2.	Dr. U NANAJI, Associate Professor and Head, Department of CSE, Avanthi Institute of Engineering and Technology, Makavarapalem.	BOS Chairman 
3.	Dr.G.Jaya Suma, Professor & Registrar, JNTU-GV, Vizianagaram	University Nominee 
4.	Prof S Pallam Setty Dept of CSSS, VISAKHAPATNAM.	Expert member nominated by Academic Council
5	Dr. T. Ramakrishnudu Professor Dept. of Computer Science and Engineering NIT, Warangal	Expert member nominated by Academic Council
6	Ch Sankara Rao Scientist-G, DRDO Fellow NSTL, Visakhapatnam	Nominated from Industry
7	Dr A.V.RAMANA Professor & HOD-CSE GMR institute of Technology-Rajam	Expert from outside the Autonomous College
8	Dr K V N RAJESH Senior Subject Matter Expert cloudthat	Nominated from Alumini
9	All the CSE Department Faculty	

Department of Computer Science and Engineering

Sr.NO.	Title	FACULTY NAME	Designation	SIGNATURE
1	Dr.	CHIKKAM PURUSHOTHAMA VENKATA PVNJ	PRINCIPAL/Professor	
2	Dr.	UPPE NANAJI	ASSOCIATE PROFESSOR	
3	Ms.	KESAVARAPU ASWINI	ASST PROFESSOR	K. Aswini
4	Mr.	KUMAR ANDRA KUMAR	ASST PROFESSOR	
5	Ms.	NAKKA SRIDEVI	ASST PROFESSOR	N. Sri Devi
6	Mr.	SOMU VARAKISHORE	ASST PROFESSOR	
7	Mr.	ASHOKKUMAR NAGAM KUMAR	ASSOCIATE PROFESSOR	
8	Ms.	BATHULA SOWJANYA	ASST PROFESSOR	
9	Mr.	BODDEDA GANESH	ASST PROFESSOR	
10	Miss	CHITIKALA DHANA LAKSHMI	ASST PROFESSOR	
11	Mr.	DARAM SRI PRUDHVI	ASST PROFESSOR	
12	Mr.	GAJI VENKATESHYADAV	ASST PROFESSOR	
13	Ms.	GEDDAM CHINNI	ASST PROFESSOR	
14	Ms.	JAKKA LALITHA MADHURI	ASST PROFESSOR	J. Lalitha Madhuri
15	Ms.	JAMPANA SRUTHI	ASST PROFESSOR	J. Sruthi
16	Mr.	KANKANALA BRAHMAIAH	ASST PROFESSOR	
17	Ms.	KESIREDDY ASHA DEVI	ASST PROFESSOR	
18	Mrs.	KETHIREDDY SRILAKSHMI	ASST PROFESSOR	
19	Mr.	KONDAPALLI VARAPRASAD PRASAD	ASST PROFESSOR	
20	Mr.	MALASALA CHIRANJEEVI	ASST PROFESSOR	
21	Ms.	NAKKA SARANYA	ASST PROFESSOR	
22	Ms.	SETTI SARIKA	ASST PROFESSOR	
23	Mr.	SHAIK DARIYA BABU SHAIK	ASST PROFESSOR	
24	Mr.	SINGAPALLI VENKATA RAO	ASST PROFESSOR	
25	Mr.	SINGURU UDAY KUMAR	ASST PROFESSOR	
26	Mr.	SOMAYAJULA SATYA KUMAR	ASST PROFESSOR	
27	Mr.	SURESH MAJJI V L	ASST PROFESSOR	
28	Mr.	VAKADA TRINADHA	ASST PROFESSOR	
29	Mr.	GAVINI VENKATANARAYANA VARA	ASST PROFESSOR	

Department of Computer Science and Engineering(AIML)

			SIGNATURE
30	Ms.	ADARI MAMATHA	ASST PROFESSOR
31	Ms.	ALAMANDA SREEVANI	ASST PROFESSOR
32	Mr.	MALLA SAGAR	ASST PROFESSOR
33	Mr.	NANGINA DURGA PRASAD	ASSOCIATE PROFESSOR
34	Mr.	PARAVADA NARASIMHA MURTY	ASST PROFESSOR
35	Ms.	SINDHU KARRI BHAVYA	ASST PROFESSOR

Department of Computer Science and Engineering(DS)

			SIGNATURE
36	Ms.	JYOTHI YELLABILLI	ASST PROFESSOR
37	Dr.	TUMMALA PAVANI	PROFESSOR
38	Ms.	VARALAKSHMI GANJARU	ASST PROFESSOR
39	Ms.	PRIYA LAKSHMI BALAPATI	ASST PROFESSOR
40	Ms.	SETTI YERUKAMMA	ASST PROFESSOR
41	Miss	VEGI SYAMALA	ASST PROFESSOR
42	Mr.	JAVVADI RAJESH	LECTURER



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC "A+" Accredited Institute with CGPA: 3.38/4

Tamaram(V), Makavarapalem, Anakapalle Dist, Pin-531113.

www.avanthienggcollege.ac.in, E- mail: principa@avanthienggcollege.ac.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1st Board of Studies Meeting in the Department of Computer Science & Engineering

Mode: Hybrid Mode

Date and Time: 16-08-2024 3.00 PM to 4.30 PM

Join Zoom Meeting

<https://us06web.zoom.us/j/83741531144?pwd=GfoqaVaykNfy50h9g9et3LvKXyb9Kw.1>

Respected Sir /Madam,

The first meeting of the Board of Studies to obtain approval for various offline and online activities of the Department will be held in the conference room to discuss the following agenda items

1. Welcome and introduce the Board members.
2. Discuss, review and approve the proposed curricula in the programmes:
 - 1) B.Tech CSE, 2) B.Tech CSE (AI&ML) 3) B.Tech CSE(DS)for the first and second semesters of the 2024-2025 academic year.
3. Discuss, review and approve the proposed curriculum for the M.Tech CSE for the first and second semesters of the 2024-2025 academic year.
4. Discuss and finalize the curriculum for the following subjects:
 - (a) Programming for Problem Solving using 'C' and Lab for I B. Tech I semester (common to all UG ECE, MECH, EEE, CSE, CSE (Data Science) and CSE (AI &ML) programmes).
 - (b) IT Workshop for I B. Tech I Semester (common to CSE, CSE (Data Science) and CSE (AI &ML)) and Semester I B. Tech II (common to ECE, EEE and MECH).
 - (c) Data Structures using C theory and lab work for I B. Tech II semester (CSE and CSE(AI&ML) and CSE(Data Science))
5. Discuss and finalize the syllabus for the following M.Tech CSE Programme Courses:
 - a) PC-1: Mathematical Foundations of Computer Science, PC-2: Advanced Data Structure and Algorithms
 - b) PE-1: Big Data Analytics (or) Digital Image Processing (or) Advance Operating Systems
 - c) PE-2: Advance Computer Networks(or) Internet of Things (or) Object Oriented Software Engineering
 - d) Lab-1: Advanced Data Structure and Algorithms Lab, Lab-2: Advanced Computing Lab
 - e) PC-3: Machine Learning, PC-4: Mean Stack Technologies





AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC "A+" Accredited Institute with CGPA: 3.38/4

Tamaram(V), Makavarapalem, Anakapalle Dist, Pin-531113.

www.avanthienggcollege.ac.in, E- mail: principa@avanthienggcollege.ac.in

- f) PE-3: Soft Computing (or) Ad hoc and Sensor Networks (or) Advanced Databases and Mining
- g) PE-4: Cloud Computing (or) Principles of Computer Security (or) High Performance Computing
- h) Lab-3: Machine Learning with Python Lab, Lab-4: Mean Stack Technologies Lab
6. To discuss and propose teaching and learning methodologies, Co-curricular and extra-curricular activities for the academic year 2024-2025.
7. To discuss and propose examiners to set question papers and evaluate written papers.
8. To discuss any other academic matters
9. Miscellaneous matters.

Kindly make it convenient and attend the meeting.

Yours truly,

Chairperson

Board of Studies (CSE)

Head of the Department
Department Of Computer Science & Engineering
Avanathi Institute of Engineering & Technology
Makavarapalem, Anakapalli-531113.

Copy to

1. All BoS Members
2. Dean Academics
3. Principal office





AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC Accredited with A+ grade

Tamaram (V), Makavarapalem, Narsipatnam (RD), Anakapalle Dist., Pin-531113.

www.avanthienggcollege.ac.in, mail: principal@avanthienggcollege.ac.in



Internal 1st Board of Studies Meeting

Head of the Department
Department Of Computer Science & Engineering
Avanathi Institute of Engineering & Technology
Makavarapalem, Anakapalli-531113.

Mail

Contacts

Calendar

Settings

Webmail Home

ask

Compose

Reply

Reply a

Forward

Delete

Move

Print

Archive

Mark

More

Inbox

5

Drafts

Sent

Junk

Trash

Archive

Re: requesting approval ...

Message 10 of 18

From Registrar JNTUGV
To chairman.bos.cse@avanthiengcollege.ac.in
Date Today 11:14

Approved.

On Sat, Oct 5, 2024, 11:00 <chairman.bos.cse@avanthiengcollege.ac.in> wrote:
Dear sir/Madam,

As per the discussion we had in our BOS meeting held on 16/08/2024, the minutes of the meeting is prepared and enclosed here with for your information. The valuable inputs given by the senior members of BOS are well taken and syllabi is modified accordingly. A copy of finalized course structure, syllabus is here with enclosed. Kindly go through the same and give your approval through reply mail.

Thanking you,
Yours faithfully

Dr U NANAJI
Chairman BOS

Compose

Reply

Reply a

Forward

Delete

Move

Print

Archive

Mark

More

Inbox

7

Drafts

Sent

Junk

Trash

Archive

Re: circulating the BOS ...

Message 3 of 18

From Ramakrishnudu T

To HOD-CSE

Cc chairman.bos.cse@avanthienggcollege.ac.in, Registrar, Drspsetty, Sankararao Ch, Kvn Rajesh, Mohan C

Date Tue 22:51

Dear Sir,

Thanks for sharing the updated syllabus and meeting minutes.

The Scheme & Syllabus of **First B.Tech(CSE), B.Tech (AI&ML), B.Tech (Data Science) and M.Tech** are **APPROVED**,

with regards

Dr. Tene Ramarishnudu

On Sat, Sep 28, 2024 at 4:27 PM HOD-CSE <hod_cse@gmrit.edu.in> wrote:
Noted sir. I will go through the MoM.

Dr.A.V.RAMANA
Professor & Head
Department of CSE
GMR Institute of Technology -Rajam
Andhra Pradesh
Mobile: 9440539954(W)

-----Original Message-----

From: chairman.bos.cse@avanthienggcollege.ac.in
<chairman.bos.cse@avanthienggcollege.ac.in>

Sent: 28 September 2024 15:48

To: Registrar <registrar@jntugv.edu.in>; Drspsetty <drspsetty@gmail.com>;
Sankararao Ch <sankararao_ch@rediffmail.com>; HOD-CSE
<hod_cse@gmrit.edu.in>; Kvn Rajesh <kvn.rajesh@gmail.com>; Trk
<trk@nitw.ac.in>

Cc: Mohan C <mohan_c@yahoo.com>

Subject: circulating the BOS minutes to the members.

Dear Sir/Madam,

As per the discussion we had in our BOS meeting held on 16/08/2024, the minutes of the meeting is prepared and enclosed here with for your information. The valuable inputs given by the senior members of BOS are well taken and syllabi is modified accordingly. A copy of finalized course structure, syllabus is here with enclosed.

Kindly go through the same and give-your approval through reply mail.

Thanking you,

Yours faithfully

DR U NANAJI

Chairman BOS

with best regards

Dr. Tene Ramakrishnudu
Associate Professor
Department of Computer Science & Engineering
National Institute of Technology-Warangal

Back

Compose

Reply

Reply a

Forward

Delete

Move

Print

Archive

Mark

More

Inbox

7

Drafts

Sent

Junk

Trash

Archive

Re: circulating the BOS ...

Message 4 of 18

From **challa sankara rao**Sender **sankararao_ch@rediffmail.com**To **chairman.bos.cse@avanthiengcollege.ac.in**Date **Wed 09:32**

Dear Dr. Nanaji garu,

I have gone through the forwarded documents and MoM and I hereby convey my approval for the same.

Thanking you

Sankara Rao Ch

From: <chairman.bos.cse@avanthiengcollege.ac.in>

Sent: Sat, 28 Sep 2024 15:48:16

To: Registrar <registrar@jntugv.edu.in>, Drspsetty <drspsetty@gmail.com>, Sankararao Ch <sankararao_ch@rediffmail.com>, Hod Cse <hod_cse@gmrit.edu.in>, Kvn Rajesh <kvn.rajesh@gmail.com>, Trk <trk@nitw.ac.in>

Cc: Mohan C <mohan_c@yahoo.com>

Subject: circulating the BOS minutes to the members.

Dear Sir/Madam,

As per the discussion we had in our BOS meeting held on 16/08/2024, the minutes of the meeting is prepared and enclosed here with for your information. The valuable inputs given by the senior members of BOS are well taken and syllabi is modified accordingly. A copy of finalized course structure, syllabus is here with enclosed.

Kindly go through the same and give your approval through reply mail.

Thanking you,

Yours faithfully

DR U NANAJI

Chairman BOS

Mail

Contacts

Calendar

Settings

Webmail Home

Compose

Reply

Reply a

Forward

Delete

Move

Print

Archive

Mark

More

Inbox

5

Drafts

Sent

Junk

Trash

Archive

Re: requesting approval ...

Message 9 of 17

From: HOD-CSE

To: chairman.bos.cse@avanthiengcollege.ac.in

Kvn Rajesh, Drspsetty

Date: Today 11:04

Sir,

I Approved the MoM.

Thank you.

Dr.A.V.Ramana
HoD-CSE
GMRIT -Rajam

[Get Outlook for Android](#)

From: chairman.bos.cse@avanthiengcollege.ac.in
<chairman.bos.cse@avanthiengcollege.ac.in>

Sent: Saturday, October 5, 2024 11:01:28 AM

To: HOD-CSE <hod_cse@gmr.it.edu.in>; Kvn Rajesh
<kvn.rajesh@gmail.com>; Drspsetty <drspsetty@gmail.com>

Subject: requesting approval of BOS MoM COMPUTER SCIENCE AND
ENGINEERING regrading

----- Original Message -----

Subject: requesting approval of BOS MoM COMPUTER
SCIENCE AND ENGINEERING
regrading

Date: 2024-10-05 11:00

From: chairman.bos.cse@avanthiengcollege.ac.in

To: Registrar <registrar@jntugv.edu.in>

Dear sir/Madam,

As per the discussion we had in our BOS meeting held
on 16/08/2024, the minutes of the meeting is prepared and
enclosed here with for your information. The valuable inputs given by the
senior members of BOS are well taken and syllabi is modified
accordingly. A copy of finalized course structure, syllabus is here with
enclosed.

Kindly go through the same and give your
approval through reply mail.

Thanking you,

Yours faithfully

Compose

Reply

Reply a

Forward

Delete

Move

Print

Archive

Mark

More

Inbox

6

Drafts

Sent

Junk

Trash

Archive

Re: requesting approval ...

Message 11 of 19

From: rajesh kvn
To: chairman.bos.cse@avanthiengcollege.ac.in
Cc: Hod Cse, Drspsetty
Date: Today 12:05

Dear Sir,

Greetings of the Day

I approve the syllabus.

Thanks and Regards,

Dr.K.V.N.Rajesh, Sr.Subject Matter Expert

CloudThat. Move up. | [Cloud Training](#) | [Cloud Engineering](#)

International Locations in APAC | Americas | Europe

On Sat, Oct 5, 2024 at 11:01 AM <chairman.bos.cse@avanthiengcollege.ac.in> wrote:

----- Original Message -----

Subject: requesting approval of BOS MoM COMPUTER SCIENCE AND ENGINEERING regrading

Date: 2024-10-05 11:00

From: chairman.bos.cse@avanthiengcollege.ac.inTo: Registrar <registrar@jntugv.edu.in>

Dear sir/Madam,

As per the discussion we had in our BOS meeting held on 16/08/2024, the minutes of the meeting is prepared and enclosed here with for your information. The valuable inputs given by the senior members of BOS are well taken and syllabi is modified accordingly. A copy of finalized course structure, syllabus is here with enclosed.

Kindly go through the same and give your approval through reply mail.

Thanking you,

Yours faithfully

Dr U NANAJI
Chairman BOS