

SESHADRI RAO
GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, Gudlavalleru – 521356.
Department of Information Technology

Minutes of the Meeting

On 08-07-2023 Board of Studies meeting started at 10.10 AM in OOS Lab of I.T.Department.

The following points were discussed and resolved.

1. To discuss and finalize the R23 course structure and syllabi of I Year B.Tech. (IT).

Discussion was carried out on the course structure and the following recommendations are made by the external subject experts:

Dr.N.Ramakrishnaiah sir suggested the following :

- Change name of “Programming for Problem Solving” as “Introduction to Porgramming” as it is 1st year course in order to make the students have the clarity on the course.
- Introduce prerequisites for Drone Technologies in first year level and then introduce drone technologies in the higher years of the study if necessary.
- One course is enough among the two courses “Environment and sustainable development” and “Health, Safety, Environment related to industries” related to Environmental studies.
- It is Better to have “Environment and sustainable development” as a credit course and if needed keep other course as mandatory non-credit course.
- Basic Computer Skills lab can be renamed as IT Workshop

Dr.S.Bapiraju sir suggested the following:

- Some of the Open electives could be made as self-learning courses (NPTEL/SWAYAM etc.)
- Suggested to introduce any engineering sciences course like Engineering Workshop, Basic Electronics in 1st year level only.

Mr.D.Sai Sateesh suggested the following :

- Introduce NO CODE platforms for projects.
- Introduce self-employment course such as small scale industries and startup company related courses as Open Elective course.
- Better to encourage online certification courses like AWS, IOT, Mobile Applications as a part of professional elective courses.
- Suggested to design course content as 3 units theory and 2 units as Lab for some advanced courses.

I Year -I Semester

Sl. No.	Course Code	Name of the Course / Laboratory		No. of Periods per week			No. of Credits
				L	T	P	
1		Communicative English	HSS	2	-	-	2
2		Linear Algebra & Calculus	BS	3	-	-	3
3		Chemistry	BS	3	-	-	3
4		Basic Civil & Mechanical Engineering	BS	3	-	-	3
5		Introduction to Programming	ES	3	-	-	3
6		Communicative English Lab	HSS	-	-	2	1
7		Chemistry Lab	BS	-	-	3	1
8		Computer Programming Lab	ES	-	-	3	1.5
9		Engineering Workshop	ES	-	-	3	1.5
10		Health and Wellness, Yoga and Sports	HS	-	-	-	0.5
Total				14	1	11	19.05

I Year - II Semester

Sl.No.	Course Code	Name of the Course / Laboratory		No. of Periods per week			No. of Credits
				L	T	P	
1		Engineering Physics	BS	3	-	-	3
2		Differential Equations & Vector Calculus	ES	3	-	-	3
3		Basic Electrical & Electronics Engineering	ES	3	-	-	3
4		Engineering Graphics	BS	1	-	4	3
5		Data Structures	PC	3	-	-	3
6		Engineering Physics Lab	ES	-	-	2	1
7		Electrical & Electronics Engineering Workshop	ES	-	-	3	1.5
8		Data Structures Lab	PC	-	-	3	1.5
9		IT Workshop	PC	-	-	2	0.5
10		NSS/NCC/Scouts & Guides & Community Service	MC	-	-	1	-
Total				13	0	15	20.5

- Members discussed and accepted the R23 course syllabi of I Year B.Tech. (IT).

***** Syllabi Attached*****

2. Members reviewed POs and PSOs attainments of 2018 & 2019 Batch and suggested the following actions.

2018 Batch POs and PSOs Attainment Report

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct	2.46	2.45	2.37	2.32	2.77	2.58	3.00	2.83	2.91	2.92	2.63	2.46	2.52	2.45
Exit Survey	2.72	2.72	2.73	2.75	2.73	2.78	2.76	2.75	2.78	2.75	2.76	2.74	2.74	2.72
Alumni	2.62	2.90	2.56	2.68	2.59	2.64	2.65	3.00	2.68	2.53	2.48	2.53	2.63	2.71
CO/Extra curricular	-	-	-	-	-	1.00	1.00	1.00	1.16	1.00	1.25	1.33	-	-
Indirect	2.67	2.81	2.64	2.72	2.66	2.14	2.14	2.25	2.21	2.09	2.16	2.20	2.69	2.72
Overall	2.52	2.56	2.45	2.44	2.74	2.45	2.74	2.66	2.70	2.67	2.49	2.38	2.57	2.53

2019 Batch POs and PSOs Attainment Report

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct	2.65	2.67	2.68	2.52	2.83	3.00	3.00	2.96	2.91	2.88	3.00	2.70	2.56	2.66
Exit Survey	2.74	2.74	2.75	2.76	2.74	2.78	2.76	2.76	2.79	2.76	2.78	2.75	2.75	2.73
Alumni	2.61	2.60	2.60	2.60	2.59	2.58	2.61	2.58	2.58	2.57	2.60	2.60	2.60	2.60
Indirect	-	-	-	-	-	1.00	1.00	1.00	1.16	1.00	1.25	1.33	-	-
Indirect(avg)	2.68	2.67	2.67	2.68	2.66	2.12	2.13	2.11	2.18	2.11	2.21	2.23	2.67	2.66
Overall	2.66	2.67	2.68	2.57	2.78	2.74	2.74	2.70	2.69	2.64	2.76	2.56	2.59	2.66

Suggested the following:

Dr.N.Ramakrsinaiah sir suggested the following

- The faculty have to encourage the first year students to participate actively in bridge courses.
- Strengthening of attainment of Laboratory courses can be achieved by making the students to practice additional experiments beyond syllabus.

Mr.D.Sai Sateesh suggested the following

- Conduct training programs on web, mobile application development.
- Students can be encouraged to participate in co-curricular activities that contribute to the PO.
- The students may encouraged towards self-learning courses.

Dr.S.Babpiraju sir suggested the following

- The students will encouraged to participate in activities that contribute to the society.
- The awareness on technological changes can be created by insisting the students to participate in all possible number of domain specific activities/events/ programs.
- The students are encouraged to attend number of value added courses in the relevant domain.

3. Members reviewed the attainment levels of POs and PSOs for 2018 & 2019 Batches and suggested to continue the previous target value 2.4 for 2020 batch.
4. Members discussed about POs and PSOs Direct attainment of 2021 Batch First year courses and suggested remedial actions.

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT Assessment	2.55	2.45	2.29	2.00	3.00	2.25	2.50	2.50	2.78	2.78	2.00	2.54	2.67	2.50

- Members suggested to improve attainments of PO3, PO4, PO6 and PO11 by introducing online tools to improve programming skills and to conduct more number of tutorial, remedial classes in Problem solving through computer programming, Elements of Electronics Engineering.
5. Members analysed POs and PSOs attainments and opined that no refinement is required for Departments Vision. Mission, PEOs and PSOs.

(Dr. CH.KAVITHA)
HOD-IT,

Chairman-BoS
Head of the Department
Information Technology
Seshadri Rao
Gudlavalleru Engineering College
Seshadri Rao Knowledge Village
Gudlavalleru - 521 356, Krishna District. A.P.

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru

DEPARTMENT OF INFORMATION TECHNOLOGY

5th July 2024

MINUTES OF BOS MEETING

The Board of Studies (BoS) meeting is organized in Microsoft Teams (online) from 10:00 AM on 05-07-2024 (Friday) to discuss the on the agenda provided to the memebtrs.

The minutes of the BoS meeting are as follows:

1. Dr A.S.N.Chakravarthy (University Nominee) sir asked the BoS Chairman about the changes in course structure and deviations in syllabus.
Dr D.N.V.S..S.Indira(BoS Chairman) responded and given the minor adjustments in the course structure to balance the faculty load for both semesters.

Also represented about some minute changes like content distribution to the units were made in core subjects for internal evaluation purpose.

- BoS Chairman presented the course structure I and II semesters of II B.Tech IT.
- Internal BoS members requested to change the subject from Optimization Techniques(OT) to Managerial Economics and Financial Accountancy, because OT mentioned under Management Course but the content is belongs to basic sciences.
- Dr A.S.N.Chakaravarty sir suggested the internal members to see that the text books for all subject should be latest editions.
- Members agreed to make common the course title "Advanced Data Structure & Algorithm Analysis" as per the course structures of other CSE allied branches.
- Members discussed and agreed on Digital Logic & Computer Organization syllabus can be modified as per the competitive exams requirements, as this course clubbing of two standard professional core courses.

- Members discussed and agreed on ADS&A syllabus can be modified as per the prerequisites of further courses. As this course is clubbing of two standard professional core courses.
- Members discussed and agreed to remove the Installation of MySql and related topics from theory course as these topics can be discussed in Laboratory course as part of the related experiments.
- Mr D.Sai Satish(Industry Expert) expressed his view on the python course content that the syllabus is good.
- Mr D.Roopchand(Alumni Member) opined that the course structure is good and suggested to conduct the ADSA Lab course in Python if possible.

II Year -I Semester

Sl. No.	Course Code	Name of the Course / Laboratory		No. of Periods per week			No. of Credits
				L	T	P	
1		Probability and Statistics	BS	3	-	-	3
2		Digital Logic and Computer Organization	ES	3	-	-	3
3		Advanced Data Structures and Algorithm Analysis	PC	3	-	-	3
4		Object Oriented Programming Through Java	PC	3	-	-	3
5		Advanced Data Structures and Algorithms Lab	PC	-	-	3	1.5
6		Object Oriented Programming Through Java Lab	PC	-	-	3	1.5
7		Python programming	SOC	-	1	2	2
8		Design Thinking and Innovation	ES	1	-	2	2
Total				14	1	10	19

II Year - II Semester

Sl.No.	Course Code	Name of the Course / Laboratory		No. of Periods per week			No. of Credits
				L	T	P	
1		Universal human values – understanding harmony and Ethical human conduct	HSS	2	1	-	3
2		Discrete Mathematics and Graph Theory	BS	3	-	-	3
3		Managerial Economics and Financial Analysis	HSS	2	-	-	3
4		Operating Systems	PC	3	-	-	3
5		Database Management Systems	PC	3	-	-	3
6		Software Engineering	PC	3	-	-	1
7		Operating Systems and Software Engineering Lab	PC	-	-	3	1.5
8		Database Management Systems Lab	PC	-	-	3	1.5
9		Python with Django	SOC	-	1	2	0.5
10		Environmental Science	MC	2	-	-	-
Total				18	2	8	22

- Members discussed and approved R23 Course syllabi of II Year B.Tech(IT)
****SYLLABI ATTACHED****

2. Members discussed about PO and PSO attainments of 2020 Batch.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct	2.58	2.56	2.60	2.64	2.79	2.46	2.57	2.81	2.83	2.81	2.42	2.61	2.58	2.57
Exit Survey	2.67	2.68	2.68	2.67	2.68	2.69	2.69	2.69	2.71	2.68	2.70	2.69	2.72	2.71
Alumni	2.52	2.50	2.50	2.52	2.51	2.55	2.52	2.55	2.53	2.55	2.51	2.52	2.51	2.51
CO/Extra	-	-	-	-	-	1.00	1.00	1.00	1.13	1.00	1.50	1.60	-	-
Indirect	2.60	2.59	2.59	2.59	2.60	2.08	2.07	2.08	2.12	2.08	2.24	2.27	2.61	2.61
Overall	2.58	2.57	2.60	2.63	2.73	2.35	2.42	2.59	2.62	2.59	2.36	2.51	2.59	2.58

Dr.A.S.N.Chkravarthy sir suggested the following:

- Conduct workshop/hands on training programs for the next batches on latest trending technologies.
- Advise the students to use the extra lab facilities to do practice the experiments.
- Encourage the student students to register NPTEL Courses.

Mr D.Sai Sateesh sir suggested the following:

- Encourage students to participate in extra curricular activities,NSS.etc.
- Advise the students to obtain the certifications from Value Added Courses offered in the department.

Mr Roopchand sir suggested the following:

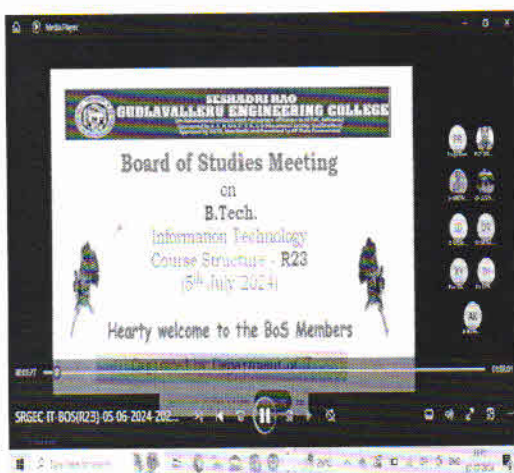
- Encourage students to participate in hackthons,technical club and association activities to enhance their communication skills.

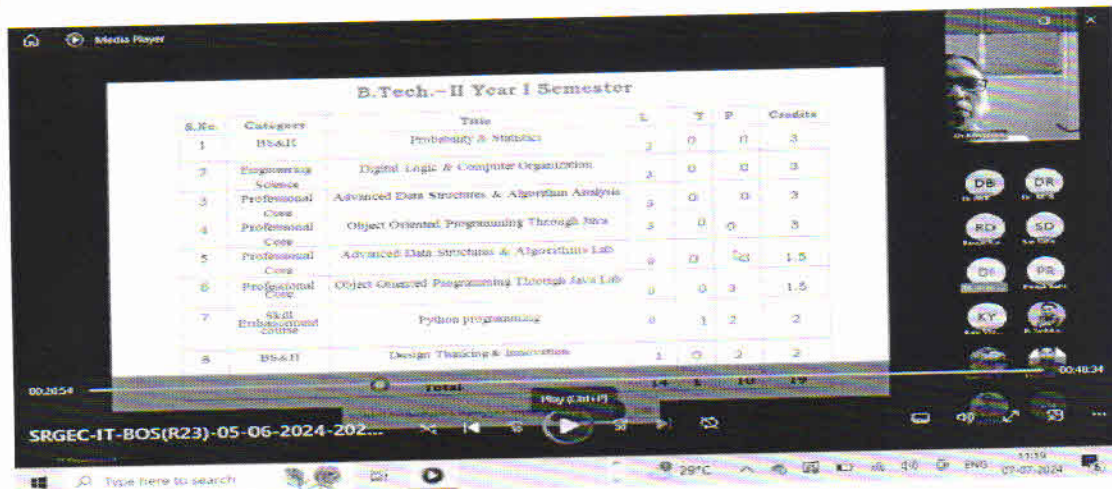
3. Members discussed on the attainment levels of POs and PSOs for 2020 Batch and agreed to continue same target value(2.4) for 2021 batch.

4. Members discussed about POs and PSOs Direct attainment of 2023 Batch First year courses and offered the following suggestions.

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT ASSESSMENT	2.50	2.50	2.50	2.75	2.86	2.50	2.00	1.00	2.55	2.80	1.50	2.35	2.50	2.67

- Encourage students to participate in hackthons,paper contest in/outside states.





Sample screenshots of BoS Meeting on 05-07-2024


 (Dr.D.N.V.S.L.S.Indira)
 BOS Chairman

Head of the Department
Information Technology
Seshadri Rao
 Gudlavalluru Engineering College
 Seshadri Rao Knowledge Village
 Gudlavalluru - 521 356, Krishna District, A.P.

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru

DEPARTMENT OF INFORMATION TECHNOLOGY

24th June, 2025

MINUTES OF BOS MEETING

The Board of Studies (BoS) meeting is conducted on 24th June, 2025 (Tuesday) at 10:10 AM in Online mode.

The minutes of the BoS meeting are as follows:

1. Members discussed and finalized the R23 course structure of III Year B.Tech. (IT).

III YEAR -I SEMESTER

S.No.	Course Code	Name of Course / Laboratory	No. of Periods per week			No. of Credits
			L	T	P	
1		Advanced Java	3	0	0	3
2		Computer Networks	3	0	0	3
3		Automata Theory and Compiler Design	3	0	0	3
4		Professional Elective – I	3	0	0	3
		1.Object Oriented Analysis and Design				
		2.Cyber Security				
		3.Artificial Intelligence				
		4.Data Warehousing and Data Mining				
		5. Any of the 12-Week SWAYAM /NPTEL Course suggested by BoS				
5		Open Elective – I	3	0	0	3
		1.Principles of Operating Systems				
		2.Free and Open Source Software				
		3. Any of the 12-Week SWAYAM /NPTEL Course suggested by BoS				
6		Advanced Java Lab	0	0	3	1.5
7		Computer Networks Lab	0	0	3	1.5
8		User Interface Design using Flutter	0	0	2	1
9		Soft Skills	0	1	2	2
10		Community Service Internship	-	-	4	2
Total			15	1	14	23

III YEAR -II SEMESTER

S. No.	Course Code	Name of Course / Laboratory	No. of Periods per week			No. of Credits
			L	T	P	
1		Cloud Computing	3	0	0	3
2		Cryptography and Network Security	3	0	0	3
3		Machine Learning	3	0	0	3
4		Professional Elective – II	3	0	0	3
		1. Software Testing Methodologies				
		2. Augmented Reality and Virtual Reality				
		3. DevOps				
		4. Generative AI				
		5. Any of the 12-Week SWAYAM /NPTEL Course suggested by BoS				
5		Professional Elective – III	3	0	0	3
		1. Software Project Management				
		2. Mobile Adhoc Networks				
		3. Natural Language Processing				
		4. Distributed Operating Systems				
		5. Any of the 12-Week SWAYAM /NPTEL Course suggested by BoS				
6		Open Elective – II	3	0	0	3
		1. M-Commerce				
		2. Web Technologies				
		3. Any of the 12-Week SWAYAM /NPTEL Course suggested by BoS				
7		Cloud Computing Lab	0	0	3	1.5
8		Machine Learning Lab	0	0	3	1.5
9		Full Stack Development-1	0	1	2	2
10		Technical Paper Writing and IPR	2	0	0	-
Total			20	1	8	23

IT MINOR DEGREE

Minor Degree – III - I

S. No.	Course Code	Name of Course / Laboratory	No. of Periods per week			No. of Credits
			L	T	P	
1		Principles of OOP	3	0	0	3
2		Principles of OOP Lab	0	0	3	1.5

Minor Degree – III - II

S. No.	Course Code	Name of Course / Laboratory	No. of Periods per week			No. of Credits
			L	T	P	
1		Full Stack Application Development	3	0	0	3
2		Full Stack Application Development Lab	0	0	3	1.5
3		Any of the 12-Week SWAYAM /NPTEL Course suggested by BoS	0	0	0	3

2. Members discussed and approved the R23 course syllabi of III Year B.Tech. (IT).

- Members discussed and agreed to swap the courses Full Stack Development-1(SEC) with Soft Skills(SEC)

Members discussed about R23 Course syllabi of III Year B.Tech.(IT)

****SYLLABI ATTACHED****

3. Members discussed and suggested about POs and PSOs attainments of 2021 Batch.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct	2.58	2.56	2.39	2.64	2.79	2.50	2.67	2.80	2.83	2.81	2.40	2.61	2.43	2.40
Exit Survey	2.65	2.65	2.66	2.67	2.68	2.69	2.67	2.68	2.68	2.69	2.68	2.70	2.67	2.72
Alumni	2.62	2.63	2.60	2.65	2.62	2.66	2.62	2.67	2.66	2.65	2.66	2.62	2.63	2.64
CO/Extra						2.66	2.55	2.66	2.66	2.55	2.75	2.66		
Indirect	2.64	2.64	2.63	2.66	2.65	2.67	2.61	2.67	2.66	2.63	2.70	2.66	2.65	2.68
Overall	2.60	2.58	2.46	2.65	2.75	2.55	2.65	2.76	2.78	2.76	2.49	2.63	2.50	2.48

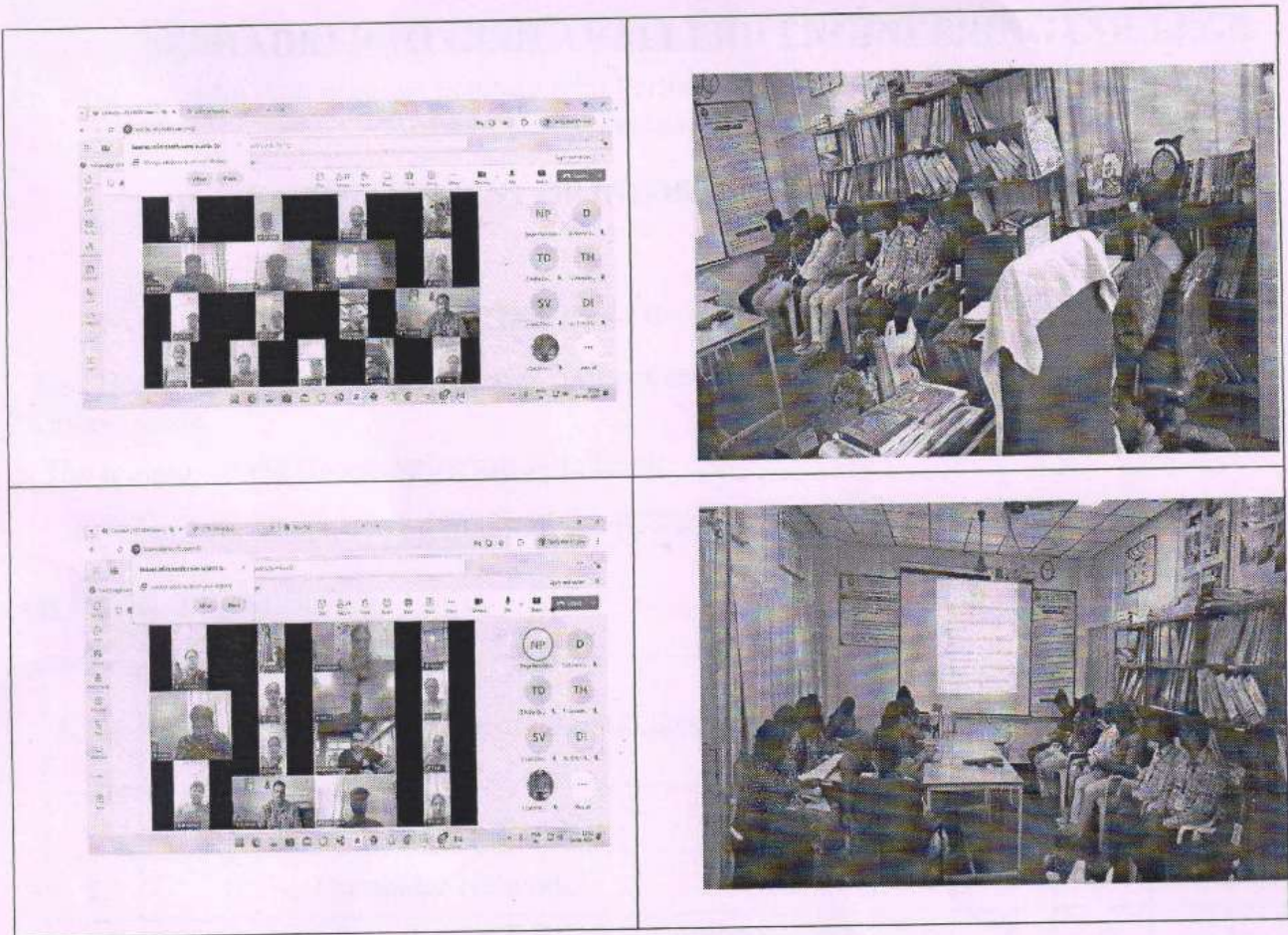
Members opined that this is a good result from 2021 batch

4. Members discussed and approved the target levels of POs and PSOs for 2022 admitted Batch.
 - Members discussed on the attainment levels of POs and PSOs for 2022 Batch the previous target value 2.4 may be continued for 2021 batch..
5. Members reviewed the rubrics of previous batches and finalize the rubrics to assess COs for 2025 admitted Batch.

Assessment Methods		Weightage		Final Course Outcome Attainment
Direct Assessment	Continuous Internal Examination	30%	70%	
	Semester End Examination	70%		
Indirect Assessment	Course End Survey	30%		

- Members agreed to continue with same rubrics proposed
6. Any other matter with the permission of the chair.
 - List of NPTEL Courses to be registered by the B.Tech IT students as part of the Professional electives III-I

S.No	Name of the Course
1	Advanced Computer Architecture
2	Advanced Computer Networks
3	Affective Computing
4	Basics of Computational Complexity
5	Business Intelligence and Analytics
6	Foundations of Cyber Physical Systems
7	Games and Information
8	GPU Architectures and Programming
9	Parallel Computer Architecture
10	Privacy and Security in Online Social Media
11	Programming in Modern C++
12	Secure Computation



Sample screenshots of BoS Meeting on 24-06-2025

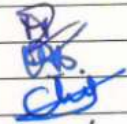
D.N.V.S.L.S. Indira
(Dr. D.N.V.S.L.S.Indira)
BOS Chairman, IT

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, Gudlavalleru

Department of Information Technology

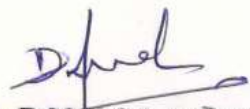
BOS MEETING ATTENDANCE SHEET (24-06-2025)

- ❖ On 24-06-2025 Board of Studies meeting started at 10.10 AM in OOS Lab of I.T.Department through Online mode. The following members were attended.

Name	Nomination	Position	Signature
Dr. A.S.N.Chakravarthy Professor Department of Computer Science & Engineering University College of Engineering, JNTUK, Kakinada - 533003	Subject Expert (University Nominee)	Member	Online Attended
Dr. Ramakrishna Upadrasta Associate Professor Computer Science & Engineering, Heritage Science & Technology Indian Institute of Technology Hyderabad Kandi-502284, Sangareddy	Subject Expert	Member	Online Attended
Prof. K. V. Kadambari Associate Professor Department of Computer Science and Engineering National Institute of Technology, Warangal - 506004, Telangana, INDIA	Subject Expert	Member	Online Attended
Mr. Naga Sai Krishna Pamidikondala Cloud Solution Architect – Azure Data & AI E2-808, SMR Vinay Estella, M S Palya, 3rd Main Rd, Singapura Paradise, Vidyaranyapura, Bengaluru, Karnataka 560097	Industry Expert	Member	Online Attended
Mrs. Adusumilli Bhargavi Sr HR Manager Cotivity , HiTech City Hyderabad.	Alumni Representative	Member	NOT Attended
Dr.M.V.L.N.RAJA RAO	Professor	Member	
Dr.CH.KAVITHA	Professor	Member	
Dr.CH.SURESH BABU	Professor	Member	
Sri Y.K.VISWANADHAM	Associate Professor	Member	Y.K. Viswanadham
Sri M.NAGA RAJU	Associate Professor	Member	M. Naga Raju

Dr P.S.S.SREEDHAR	Associate Professor	Member	P.S.S. Sreedhar
Smt.T.SUMALLIKA	Assistant Professor	Member	Sumallika
Mr.I.LAKSHMI NARAYANA	Assistant Professor	Member	I.Lakshmi Narayana
Mr.B.SOBHAN BABU	Assistant Professor	Member	B.Sobhan Babu
Smt.A.KOTESWARAMMA	Assistant Professor	Member	A.Koteswaramma
Smt.CH.POOJA RANI	Assistant Professor	Member	Ch. Pooja Rani
Smt.M.DIVYA SUMITHRA	Assistant Professor	Member	M.Divya Sumithra
Mr.CH.VENKATESWARA RAO	Assistant Professor	Member	Ch. Venkateswara Rao
Mr.V.RAGHU RAM CHOWDARY	Assistant Professor	Member	V. Raghu Ram Chowdary
Mrs T.HEMALATHA	Assistant Professor	Member	T. Hemalatha
Ms T.INDRA DEEPIKA	Assistant Professor	Member	T. Dupla
Mr T.BALAJI	Assistant Professor	Member	T. Balaji
Mrs D.E.G.SHIENY	Assistant Professor	Member	D.E.G. Shieny
Mrs D.SRI DIVYA	Assistant Professor	Member	D. Sri Divya
Mrs M.SWATHI	Assistant Professor	Member	M. Swathy
Mr M.RAMA KOTESWARARAO	Assistant Professor	Member	M.Rama Koteswararao
Mr P.SIVA KRISHNA	Assistant Professor	Member	P.Siva Krishna
Ms SYKAM VANI	Assistant Professor	Member	S. Vani
Mrs SHAIK SHARMILA MUNTAZ	Assistant Professor	Member	Sharmila
Ms V.RUPA	Assistant Professor	Member	V. Rupa
Mr M.ANAND KUMAR	Assistant Professor	Member	M.Anand Kumar
Mrs P.PUJITHA	Assistant Professor	Member	P. Pujitha
INVITEES			
Dr.B.KARUNA KUMAR	Principal	Invitee	—
Dr.P.RAVINDRA BABU	Advisor to the Management	Invitee	—
Dr.M.R.CH.SASTRY	Vice-Principal Academics	Invitee	—
Dr. P.KODANDA RAMARAO	Vice-Principal Administration	Invitee	—
Dr.M.KAMARAJU	Director-Academic Strengthening & Advancement	Invitee	Online Attended
Dr.G.V.S.N.R.V.PRASAD	Director-PGCRD	Invitee	Online Attended
Dr.A.H.S.L.SWAROOP KUMAR	Associate Professor & HoD Civil Engineering	Invitee	—
Dr.A.AMARENDRA	Professor & HoD Electrical & Electronics Engineering	Invitee	—
Dr.K.CH.KISHOR KUMAR	Professor & HoD, Mechanical Engineering	Invitee	—
Dr.B.RAJA SHEKHAR	Professor & HoD, Electronics & Communication	Invitee	—
Dr.M.BABURAO	Professor & HoD, Computer Science & Engineering	Invitee	—

Dr.S.NARAYANA	Professor & HoD, Artificial Intelligence & Data Science	Invitee	—
Dr.Y.ADI LAKSHMI	Professor & HoD, CSE (Artificial Intelligence	Invitee	—
Dr. Y.SYAMALA	Professor & HoD, Internet of Things	Invitee	—
Dr.S.SURESH	HoD Basic Science & Humanities	Invitee	Online Attended
Dr.G.KAMAL	Professor & HoD MBA	Invitee	Online Attended
Dr G.RAJA KUMAR	HoD,English	Invitee	Online Attended


(Dr.D.N.V.S.L.S.INDIRA)
HOD,IT, BoS CHAIRMAN

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru

DEPARTMENT OF INFORMATION TECHNOLOGY

22 April 2026

MINUTES OF BOS MEETING

The Board of Studies (BoS) meeting is conducted on 11 May,2026 (Saturday) at 11:00 AM in Online mode.

The minutes of the BoS meeting are as follows:

1. Members discussed and finalize the R23 course structure of IV Year B.Tech. (IT).

IV YEAR -I SEMESTER

Sl. No.	Course Category	Name of the Course / Laboratory		No. of Periods per week			No. of Credits
				L	T	P	
1	Professional Core	Deep Learning	PC	3	-	-	3
2	Management Course	Human Resources and Project Administration	HSS	2	-	-	2
3	Professional Elective	Professional Elective – IV 1. Software Architecture and Design Patterns 2. Recommender Systems 3. Computer Vision 4. Blockchain Technology 5. 12 week MOOC Swayam/NPTEL course recommended by the BoS	PE	3	-	-	3
4	Professional Elective	Professional Elective – V 1. Agile methodologies 2. Principles Of Big Data Analytics 3. Mobile Computing 4. Cyber Physical Systems 5. 12 week MOOC Swayam/NPTEL course recommended by the BoS	PE	3	-	-	3
5	Open Elective	Open Elective-3: 12 week MOOC Swayam / NPTEL course recommended by the BoS	OE	3	-	-	3
6	Open Elective	Open Elective -4: 1.Information Security (Other than CSE,IT,AI&DS and CSE(AI&ML)) 2.Biometrics (Other than IT)	OE	3	-	-	3
7	Skill Enhancement Course	Prompt Engineering/SWAYAM Plus-Certification program in Prompt Engineering and Chat GPT	SEC	-	1	2	2
8	MC	Constitution of India	MC	2	0	0	-
9	Project	Evaluation of Industry Internship	PRO	-	-	-	2
Total				19	3	4	21

IV YEAR- II SEMESTER

Sl. No.	Course Category	Name of the Course / Laboratory		No. of Periods per week			No. of Credits
				L	T	P	
1	Project	Full Semester Internship/Project Work	PRO	-	-	24	12
Total				-	-	24	12

IT MINOR DEGREE

Sl. No.	Course Code	Year & Sem.	Name of Course / Laboratory	No. of Periods per week			No. of Credits
				L	T	P	
1		IV-I	Design and Analysis of Algorithms	3	-	-	3
2		IV-I	Principles of Software Engineering	3	-	-	3
3		IV-I	MOOCs	-	-	-	3
Total				3	-	-	6

2. Members finalized the IV year B.Tech Syllabi of R23 regulations.

- **Internet of Things (IoT)** is offered as **MOOCS** course for **Open Elective – III**, from III-I onwards
- The members proposed **Deep Learning** as a core course instead **Internet of Things (IoT)**.
- **Deep learning** as PE-IV in IV-I has to replace with **Recommender Systems**.
- The members discussed introducing **Fundamentals of Generative AI** as an Open Elective–IV course.
- It was observed that the course requires prerequisites such as Machine Learning (ML), Deep Learning (DL), Natural Language Processing (NLP), and Large Language Models (LLMs).
- Since these prerequisites are not part of the core curriculum in all branches, members suggested offering a **security-related course** as a more suitable alternative.
- **Dr. Ramakrishna Upadrasta** suggested that **Indian Knowledge Systems** be offered in the R26 curriculum as a one of the non credit course.

3. List of NPTEL Courses to be registered by the B.Tech IT students as part of the professional electives III-II.

III-I Course List

S.No	Name of the Course
1	Advanced Computer Architecture
2	Advanced Computer Networks
3	Affective Computing
4	Basics of Computational Complexity
5	Business Intelligence and Analytics
6	Foundations of Cyber Physical Systems
7	Games and Information
8	GPU Architectures and Programming
9	Parallel Computer Architecture
10	Privacy and Security in Online Social Media
11	Programming in Modern C++
12	Secure Computation

III-II Course list

SHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru

LIST OF OE COURSES (MOOCs) OFFERED IN ACADEMIC YEAR- 2025-2026

SEMESTER - II

CSE, AI&DS, CSE(AI&ML), IT

Open Elective - W

S.No.	Course ID	Name of Course	Department
1	noc26-cs70	Human Computer Interaction (In English)	CSE
2	noc26-cs34	Blockchain and its Applications	CSE
3	noc26-cs37	Introduction to Internet Of Things	CSE
4	noc26-cs41	Foundations of Cyber Physical Systems	IT
5	noc26-cs38	Introduction to Industry 4.0 and Industrial Internet of Things	IT
6	noc26-cs88	Introduction to Large Language Models (LLMs)	IT
7	noc26-cs55	Cloud Computing	CSE (AI&ML)
8	noc26-cs64	Business Intelligence & Analytics	CSE (AI&ML)
9	noc26-cs13	Introduction to Information Retrieval	AI&DS
10	noc26-cs82	Social Networks	AI&DS

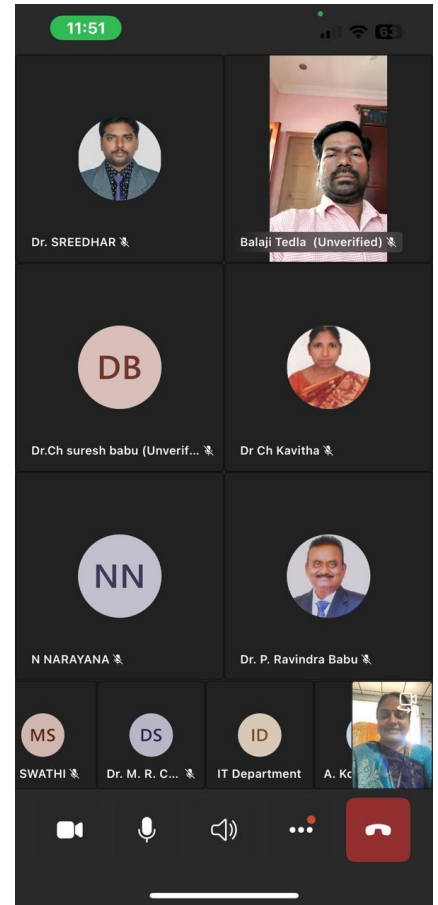
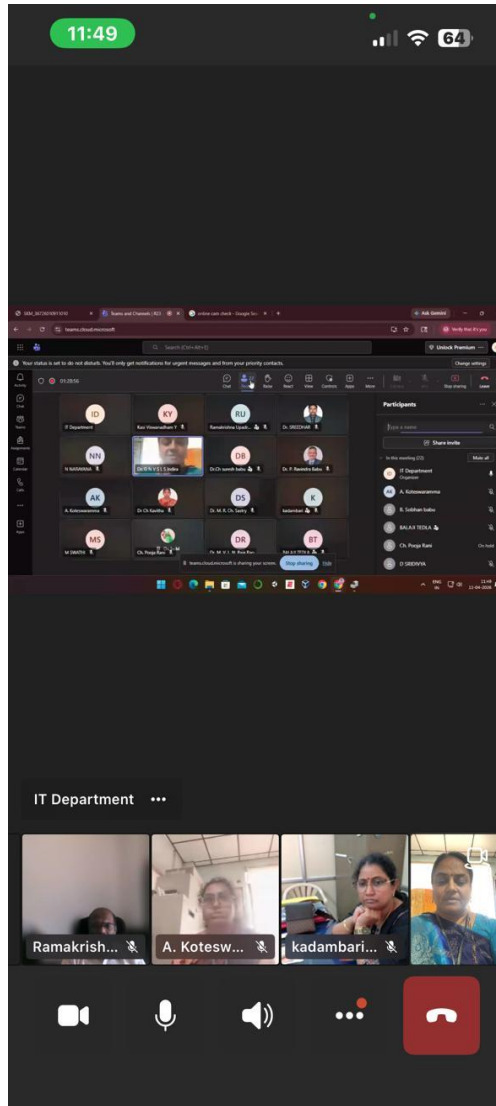
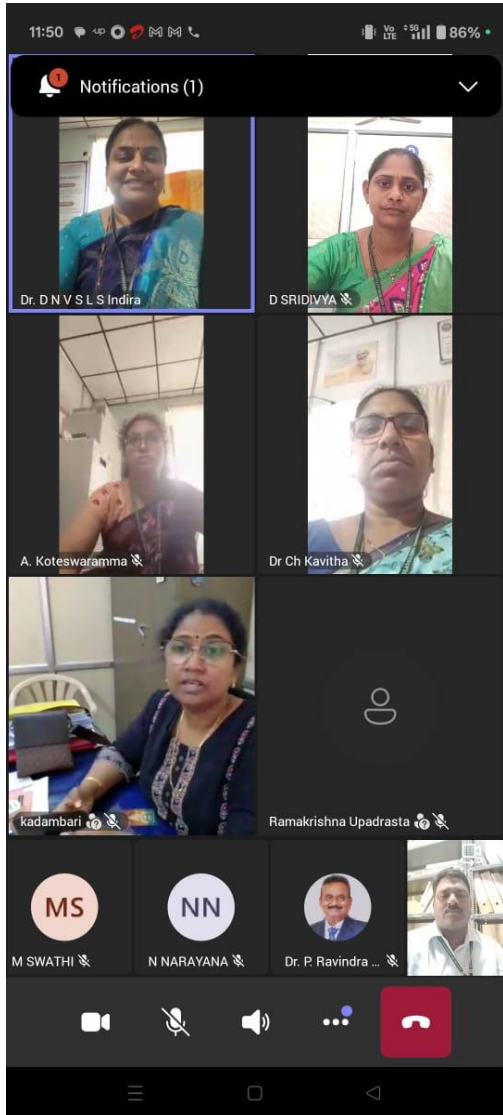

HOD, CSE


HOD, IT


HOD, CSE (AI&ML)


HOD, AI&DS

Sample screenshots of BoS Meeting on 11-04-2026



DNVSLS Indira

(Dr. D.N.V.S.L.S.Indira)
BOS Chairman