



Kadi Sarva Vishwavidyalaya
Faculty of Engineering & Technology
Second Year Bachelor of EC Engineering

Subject Code: EC308- N	Subject Title: SEMINAR
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Course Objective:

- To make the students familiar about the latest developments in the areas of electronics and communication engineering.
- To make them learn the modern modes of communication and presentation through computerized systems and reports.
- To prepare students for taking up new and completely unfamiliar challenges.
- To make them learn to how to use the e resources fully available on-line.

Teaching Scheme (Credits and Hours)

Teaching scheme				Total Credit	Evaluation Scheme					Total Marks
L	T	P	Total		Theory		IE	CIA	Pract.	
Hrs	Hrs	Hrs	Hrs		Hrs	Marks	Marks	Marks	Marks	
00	00	02	02	01	00	00	00	40	60	100

Outline of the Course:

1	Introduction of the concept of the seminar i.e. why, when (a boost to encourage the students for its importance)
2	Defining the area of interest from the enlisted pool: Applied electromagnetic engineering for industrial applications, electromagnetic waves, Linear and integrated circuits and their applications, Audio-video engineering, Power electronics-circuits and devices, Microcontroller based advanced applications and concepts, Various electronics circuits design theories-their approaches and practical implementations, Microprocessor, peripherals, communication techniques, Engineering management, Electronics Devices, components, high end technology, Network Theory, Circuits, Advanced mathematical concepts, E-software, instruments and measurements, embedded systems, speech processing, fuzzy logic and neural networks.
3	Searching for the reading material.
4	Reading the material for finalizing the topic.
5	Writing and re-writing the abstract/summary and report.
6	Preparing and finalizing the presentation in ppt format. Presenting and attending the seminar (during the semester) per batch in time multiplexed Mode.

Total hours (Laboratory): 32

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Detailed Syllabus:

Sr. No.	Topics
1.	Introduction of the concept of the seminar i.e. why, when (a boost to encourage the students for its importance)
2.	Defining the area of interest from the enlisted pool: Applied electromagnetic engineering for industrial applications, electromagnetic waves, Linear and integrated circuits and their applications, Audio-video engineering, Power electronics-circuits and devices, Microcontroller based advanced applications and concepts, Various electronics circuits design theories-their approaches and practical implementations, Microprocessor, peripherals, communication techniques, Engineering management, Electronics Devices, components, high end technology, Network Theory, Circuits, Advanced mathematical concepts, E-software, instruments and measurements, embedded systems, speech processing, fuzzy logic and neural networks.
3.	Searching for the reading material.
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Instructional Method and Pedagogy (Continuous Internal Assessment (CIA) Scheme)

- At the start of course, the course delivery pattern , prerequisite of the subject will be discussed
- Lecture may be conducted with the aid of multi-media projector, black board, OHP etc. & equal weightage should be given to all topics while teaching and conduction of all examinations.
- Attendance is compulsory in lectures and laboratory, which may carries five marks in overall evaluation.
- One/Two internal exams may be conducted and total/average/best of the same may be converted to equivalent of 30 marks as a part of internal theory evaluation.
- Assignment based on course content will be given to the student for each unit/topic and will be evaluated at regular interval. It may carry an importance of ten marks in the overall internal evaluation.
- Surprise tests/Quizzes/Seminar/Tutorial may be conducted and having share of five marks in the overall internal evaluation.



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Learning Outcomes:

At the end of this course, the student would be able

1. Able to understand the basic importance of seminar
2. Able to present him/her self in front of the public i.e killing the stage fear
3. Able to study at his/her own in the area of interest
4. Develop the soft skill and personality
5. Able to learn multiple new techniques
6. Able to know the current trends in the electronics engineering

Text Books and Reference Books:

Depends upon the area of seminar chosen and finalized by the respective faculty advisor