



# SANTHIRAM ENGINEERING COLLEGE: NANDYAL

Approved by AICTE, NEW DELHI; Permanently Affiliated to JNTUA, Ananthapuramu,  
An ISO 9001:2015 Certified Institution; Recognized under 2 (f) & 12 (B) of the UGC ACT, 1956,  
NH-40, Nandyal-518501, Kurnool-Dist., Andhra Pradesh

## LIST FOR MENTOR & MENTEE RATIO

ACADEMIC YEAR- 2020-2021

S.No	Department	No. of Mentors	No. of Mentees	Mentor & Mentee Ratio
1	ECE	19	376	19.78
2	CSE	17	307	18.05
3	EEE	9	166	18.44
4	ME	8	156	19.50
5	BS	18	339	17.84
6	MBA	7	114	16.28
<b>Total</b>		<b>78</b>	<b>1458</b>	<b>Average = 18.69</b>

  
PRINCIPAL

PRINCIPAL  
Santhiram Engineering College  
Nandyal, Kurnool (Dt.), A.P.

  
Coordinator

Internal Quality Assurance Cell (IQAC)  
Santhiram Engineering College  
Nandyal-518 501.



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## LIST OF MENTORS

ACADEMIC YEAR- 2020-2021

S.No	Department	Name of the Mentor	Designation
1	ECE	C.V.Subhaskar Reddy	Associate Professor
2		M.Mohan Reddy	Assistant Professor
3		Syed Munawwar	Assistant Professor
4		N.Sreenivasa Rao	Assistant Professor
5		G.Sowmya	Assistant Professor
6		B.Alekhyia Himabindu	Assistant Professor
7		T.Nagamani	Assistant Professor
8		V.Nagamani	Assistant Professor
9		Y.Mahesh	Assistant Professor
10		M.Mahesh Kumar	Assistant Professor
11		S.Jaya Mangala	Assistant Professor
12		Dr.K.Kameswara Reddy	Associate Professor
13		C.Sreevani	Assistant Professor
14		P A Irfan Khan	Assistant Professor
15		M.Anil Kumar	Assistant Professor
16		K.Pedda Obulesu	Assistant Professor
17		S.Rambabu	Assistant Professor
18		S.Gireesh Babu	Assistant Professor
19		A.Anuradha	Assistant Professor
20	CSE	J.David Sukeerthi Kumar	Associate Professor
21		Dr.M.Veerasha	Professor
22		N.Rama Devi	Associate Professor
23		V.Lakshmi Chaitanya	Assistant Professor
24		S.Md.Riyaz Naik	Assistant Professor
25		P.Bhaskar	Assistant Professor
26		L.Ramya	Assistant Professor
27		V.Gowthami	Assistant Professor
28		M.Amareswara Kumar	Assistant Professor
29		G.Vara Prasad	Assistant Professor
30		D.Sandeep	Assistant Professor
31		K V Sai Phani	Assistant Professor
32		M.Madhu Latha	Assistant Professor

  
Coordinator

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33		M.Sharmiladevi	Assistant Professor	
34		S.Shahinsha	Assistant Professor	
35		B.Swarajya lakshmi	Assistant Professor	
36		A.Venkata Subbaiah	Assistant Professor	
37	EEE	K.Raja Sekhara Reddy	Associate Professor	
38		A.Raghavendra Prasad	Assistant Professor	
39		M.Siva Sankar	Assistant Professor	
40		S.Seetharamudu	Assistant Professor	
41		U.M.Sandeep Kumar	Assistant Professor	
42		M.Yerri Veeresh	Assistant Professor	
43		N.V.S.Prasad	Assistant Professor	
44		R.Sujatha	Assistant Professor	
45		V.Ramanjaneyulu	Assistant Professor	
46		ME	M.Ravi Chandra	Assistant Professor
47			P.Madhu Raghava	Assistant Professor
48			P.Nagaraju	Assistant Professor
49			K.L.Srinivasulu	Assistant Professor
50			S.Kwaja Moinudin	Assistant Professor
51	R.Sivakumar		Assistant Professor	
52	P.Hareesh Kumar		Assistant Professor	
53	V.Sudharshan		Assistant Professor	
54	BS	Dr.B.Haritha	Associate Professor	
55		Dr.V.Subba Reddy	Associate Professor	
56		Dr.A.Shareef	Associate Professor	
57		Dr.A.S Kameswara Kumar	Associate Professor	
58		A.Ramu	Assistant Professor	
59		M.Prasad	Assistant Professor	
60		Dr.A.Pedda Linga Swamy	Associate Professor	
61		Dr.K.Aruna	Associate Professor	
62		A.Chinna Linga Swamy	Assistant Professor	
63		Dr.M.Swarna Kumari	Associate Professor	
64		R.Ramadevi	Assistant Professor	
65		S.Chand Basha	Assistant Professor	
66		J.Seshaphani	Assistant Professor	
67	Dr.P.Shaikshavali	Assistant Professor		

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# SANTHIRAM ENGINEERING COLLEGE: NANDYAL

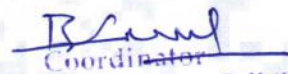
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68		A.G.Venkateswarlu	Assistant Professor
69		K.Krishna Reddy	Assistant Professor
70		A.Sailaja	Assistant Professor
71		K.Srilatha	Assistant Professor
72	MBA	K.Rajendra Prasad	Assistant Professor
73		P.Padmabai	Assistant Professor
74		M.Nagraju	Assistant Professor
75		S.Mahaboob Basha	Assistant Professor
76		S.Md Ershad	Assistant Professor
77		L.Prathibha	Assistant Professor
78		N.Rajashekar	Assistant Professor



PRINCIPAL

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# SANTHIRAM ENGINEERING COLLEGE: NANDYAL

## Department of Electronics & Communication Engineering

Letter No. SREC/ECE/M&M/2020-2021/01

Date: 17-08-2020


### CIRCULAR

All the faculty members and students informed that, Counsellors are allotted for the Counselling Session of II, III, and IV-I B.Tech Electronics & Communication Engineering Students as per the Mentioned. All the Students are advised to effectively use this session to Exchange their Personal views, opinions and suggestions with respective mentors. The Mentor-Mentee List with respect to our department is already posted in the Department Notice board.









#### **The responsibilities of mentors:-**

1. To monitor the students continuously.
2. To keep and update the student counseling reports.
3. To solve all quarries related to students.
4. To work for overall development of students.

  
HECE

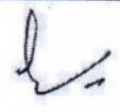






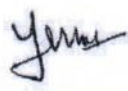

  
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# SANTHIRAM ENGINEERING COLLEGE: NANDYAL

S. No	Name of the Mentor	Designation	Student Regd No	Year & Branch	No.of students Allotted for Mentor	Mentor Signature
1	Mr.S.Munawwar,	Assistant Professor	19X51A0401- 19X51A0420	II & ECE	20	
2	S.Jaya Mangala,	Assistant Professor	19X51A0421- 19X51A0441	II & ECE	20	
3	Mr.C.V.Subhaskara Reddy	Assistant Professor	19X51A0442- 19X51A0461	II & ECE	20	
4	Dr.K.Kameswara Reddy	Professor	19X51A0462- 19X51A0481	II & ECE	20	
5	P A Irfan Khan	Assistant Professor	19X51A0482- 19X51A04A1	II & ECE	20	
6	M.Anil Kumar	Assistant Professor	19X51A04A1 - 19X51A04C1	II & ECE	20	
7	K.Pedda Obulesu	Assistant Professor	19X51A04C2 - 20X55A0406-	II & ECE	20	
8	A.Anuradha	Assistant Professor	20X55A0407- 20X55A0412 &18X51A040 1- 18X51A0415	II & III ECE	20	

  
Coordinator

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9	Mr.N.Sreenivasa Rao	Assistant Professor	18X51A0416- 18X51A0436	III & ECE	20	
10	Mr.S.Girish Babu	Assistant Professor	18X51A0436- 18X51A0458	III & ECE	20	
11	M.Mohan Reddy	Assistant Professor	18X51A0459- 18X51A0485	III & ECE	20	MR
12	C.Sreevani	Assistant Professor	18X51A0486- 19X55A0415	III & ECE	20	C.S.
13	M.Mahesh Kumar	Assistant Professor	19X55A0416- 18X55A0416	III & ECE	20	
14	G.Sowmya	Assistant Professor	17X51A0401- 17X51A0420	IV & ECE	20	
15	B.Alkya Himabindu	Assistant Professor	17X51A0421- 17X51A0441	IV & ECE	20	
16	T.NagaMani	Assistant Professor	17X51A0442- 17X51A0458	IV & ECE	20	
17	V.Nagamani	Assistant Professor	17X51A0459- 18X55A0408	IV & ECE	20	
18	Mr.Y. Mahesh	Assistant Professor	18X55A0409- 16X51A0416	IV & ECE	18	
19	S.Rambabu	Assistant prof.	19X51D701- 713. 20x51D701-05	M.Tech	18	

  
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### PROFORMA OF STUDENT COUNSELING

#### 1. STUDENT DETAILS:

Name of the student: V Manasa Veena

Branch: EEE

Registered Number: 16X51A0205

Batch: 2016 - 2020

Phone Number: 9494480136

Aadhar Number: 765685147112

Email ID: vmanasaveena@gmail.com

Interests: English  
Power Systems

SSC Percentage (%)	Intermediate/ Diploma Percentage (%)	EAMCET/ ECET Rank
95%	85%	58,000

Hobbies: Singing, Ball badminton.

Achievements: Project Expo on Underground Fault Detection - II<sup>nd</sup> Prize.

Aim: To become Government officer as A.E.

#### 2. PARENT'S DETAILS:

Father's [Guardian] Name: V. Obulapathi

Mother's Name: S. Puspabatha

Father's [Guardian] Ph.No: 8985546673

Mother's Ph.No: 9491421973

Father Aadhar Number:

Mother Aadhar Number:

Father's Occupation: Govt Head Master

Mother's Occupation: Bank officer

Family Income: 1,00,000 above

Address: 29/213B, Gekke Street, Nandyal, Kurnool (Dist). AP.

Siblings (Details of Education/Work): Brothers

V. Jaswanth Kumar - Studying diploma 1<sup>st</sup> year (Mech).

#### 3. ATTENDANCE PARTICULARS:

Year & Sem	I-I	I-II	II-I	II-II	III-I	III-II	IV-I	IV-II
Percentage	99.43	97.71	88.05	94.53	95	94	92	

#### 4. DETAILS OF CREDITS SECURED:

	I-I	I-II	II-I	II-II	III-I	III-II	IV-I	IV-II
Total	21	21	22	23	22	23	22	22
Obtained	21	21	22	22	22	23	22	22
Cumulative		42	64	87	109	132	154	176

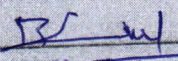


### 5. DETAILS OF BACKLOGS:

	I-I	I-II	II-I	II-II	III-I	III-II	IV-I	IV-II
No. of subjects	6	6	5	5	5	5	5	2
No. of backlogs	-	-	-	-	-	-	-	-
Percentage of the result	80%	69%	65%	71.25%	73%	74.25%	77.25%	
Cumulative percentage		75%	71.33%	71.31% 68%	71.65%	72.08%	72.82%	

### 6. ACTIVITY DETAILS :

Topic	Year & Sem, Date	Title of the paper/Program	Venue	Remarks
a) Paper Presentations: (Yes/No) (If yes give details)				
b) Any Seminar / Guest Lecture / Workshop attended: (Yes/No) (If yes give details)	1	Electrical Designing		
	2	Yantra arabadana		
c) Games / Sports / other activity Participated: (Yes/No) (If yes give details)		Project Expo on Underground Fault detection by using embedded technology 1 <sup>st</sup> Prize	RGM college	2 <sup>nd</sup> Prize.
e) Participation in any Competition: (CRT/Industry training Hackathon/Code Vita/Innovations etc) (Yes/No) (If yes give details)				
f) Any Other Activities/Achievements 1. Internships: 2. GRE/TOFEL 3. Any other Course like NPTEL etc.		EMF (Electrical Magnetic Field)		

  
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I YEAR - I SEM: RESULT: 80% BACKLOGS: - CREDITS: 21

1. Your opinion about the environment/facilities/academics and other amenities in the college? (Hostel, transportation, canteen etc.,)

- NIL -

2. Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	Functional English	Dr. Venkata Rama	Excellent
2	Mathematics - I	Dr. B. Seshiah	Good
3	Computer Programming	Piyas Nair	Good
4	Engineering Physics	Dr. K. Aruna	V-Good
5	Engineering Drawing	R. Shiva Kumar	Excellent
6			

3. Personal/Academic related Problem(s) (If Any):

S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	19/8/2016	No Problem		V. Manasa veera	AS
2.	25/10/2016	NIL		V. Manasa veera	AS 25/10/2016

I YEAR - II SEM: RESULT: 69% BACKLOGS: - CREDITS: 21

1. Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	Mathematics - II	Dr. B. Seshiah	V Good
2	English for professional communication	A. G. Venkatasanku	Good
3	Engineering chemistry	Rama Devi	Excellent
4	Environmental Science	N. MD. AKRAM	Excellent
5	Electronic Circuits - I	K. Rajasekhara Reddy	Good
6			

2. Personal/Academic related Problem(s) (If Any):

S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	23/2/2017	NO issues		V. Manasa veera	AS
2.	24/1/17			V. Manasa veera	AS 24/1/17

**II YEAR - I SEM: RESULT: 65% BACKLOGS: - CREDITS: 22**


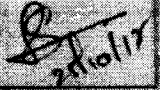
1. Your opinion about the environment/facilities/academics and other amenities in the college? (Hostel, transportation, canteen etc..)

- NIL -

2. Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	Mathematics - III	Dr. P. Seshiah	V. Good
2	control System Engineering	N.V.S. Prasad	Good
3	Data Structures	V. Lakshmi chaitanya	Good
4	Electronic Device circuits	V.M. Sandeep Kumar	Excellent
5	Electric circuits - II	P. Shobana chitra	Excellent
6	Electrical machines - I	K. Rajasubha Reddy	Excellent

3. Personal/Academic related Problem(s) (If Any):



S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	11/08/17	-		V. Manasa veena	
2.	23/10/17	No Problem		V. manasa veena	

**II YEAR - II SEM: RESULT: 71.25% BACKLOGS: - CREDITS: 23**

1. Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	Mathematics - IV	Dr. P. Seshiah	V. Good
2	Managerial Economics & Finance	D. Priyanka	Good
3	Electrical machines - II	E. Shiva Karthik	Good
4	EPSS	N.V.S. Prasad.	Excellent
5	Electric magnetic Field	M. Y. Venkesh	Excellent
6	Analog Electric Circuits	V.M. Sandeep Kumar.	Excellent

2. Personal/Academic related Problem(s) (If Any):

S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	23/2/18	NIL -	Coordinator	V. Manasa veena	
2.	24/11/18	- NIL -	Internal Quality Assurance Cell (IQAC) Santhiram Engineering College Nandyal-518 501.	V. Manasa veena	

III YEAR - I SEM. RESULT: 73% BACKLOGS: - CREDITS: 21



1. Your opinion about the environment/facilities/academics and other amenities in the college? (Hostel, transportation, canteen etc.)

→ canteen facility Not Good - less spacious due to the Students of Reg & S Rep.

2. Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	LD9CA	T. Nagamani	Excellent
2	EM	M. Y. Varadach	Excellent
3	EPTS	M. Sivasankar	Very Good
4	PE	K. Rajarathnam Reddy	Very Good
5	EM Ge	U. M. Sankar Kumar	Excellent
6	DES	V. Nagamani	Good

3. Personal/Academic related Problem(s) (If Any):




S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	10/10/18	Communication skills with lab is required		V. Manasa Veena 11/10/18	 11/10/18
2.	29/10/18	No problem		V. Manasa Veena 29/10/18	 29/10/18

III YEAR - II SEM. RESULT: 74.25% BACKLOGS: - CREDITS: 21

Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	PLC	K. Rajarathnam Reddy	Excellent
2	PSD	S. Sathyanarayanan	Very Good
3	PSP	U. M. Sankar Kumar	Good
4	PSA	A. Rajarathnam Reddy	Good
5	MPMC	B. Prathap Reddy	Good
6	MS	M. K. Viswanath	Good

4. Personal/Academic related Problem(s) (If Any):

S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	23/09/18	No problem		V. Manasa Veena 23/09/18	 23/09/18
2.	23/09/18	No problem	 Coordinator	V. Manasa Veena 23/09/18	 23/09/18

IV YEAR - I SEM: RESULT: 77.27% BACKLOGS: - CREDITS: 22



1. Your opinion about the environment/facilities/academics and other amenities in the college? (Hostel, transportation, canteen etc.,)

- NIL -

2. Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	EDS	K. Rajasekhara Reddy	Excellent
2	FACTS	M. V. Venkub	Excellent
3	EADSM	A. Rajavendra Prasad	Very Good.
4	PSDC	U. M. Sandeep kumar	Excellent
5	VCE	S. Seetharamudu	Very Good
6	DSP	S. Giri Babu	Good.

3. Personal/Academic related Problem(s) (If Any):

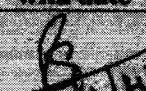
S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	11-08-19	No Problem		V. Manasa 11/8/19	 11/8/19
2.	11-10-19	No Problem		V. Manasa 11/10/19	 11/10/19

IV YEAR - II SEM: RESULT: \_\_\_\_\_ BACKLOGS: \_\_\_\_\_ CREDITS: \_\_\_\_\_

1. Present semester:

S.No.	Name of the Subject	Name of the Faculty	Feedback/Remarks
1	INST	U. M. Sandeep kumar	Excellent
2	ERT	A. Rajavendra Prasad	Excellent
3			
4			
5			
6			

2. Personal/Academic related Problem(s) (If Any):

S.No.	Date of the Counseling	Problems	Solutions suggested	Signature of the student with date	Signature of the counselor with date
1.	05/10/2020	No problem		V. Manasa 10/10/20	 10/10/20
2.					

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## Lesson Plan

Branch : CSE Year & Semester : IV-II  
Name of the faculty : Mr.P.Bhaskar Department : CSE  
Subject Name : Mobile Computing Subject Code : 15A05802

### Text Books

1. Ad Hoc Wireless Networks: Architectures and Protocols - C. Siva Ram Murthy and B.S.Manoj.
2. Wireless Ad- hoc and Sensor Networks: Protocols, Performance and Control – Jagannathan, Sarangapani.


### Reference Books

1. Ad hoc Mobile Wireless Networks – Subir Kumar sarkar, T G Basvaraju, C Puttamadappa.
2. Wireless Sensor Networks - C. S. Raghavendra, Krishna M. Sivalingam.
3. Ad- Hoc Mobile Wireless Networks: Protocols & Systems, C.K. Toh.


### Web Resource:

1. <https://www.youtube.com/watch?v=rUK6R4EJRMU>
2. <https://www.youtube.com/watch?v=jinhvR9jDZY>
3. <https://www.youtube.com/watch?v=Cc8LbRbUm5o>
4. <http://kosmi.snubi.org/APAMI/resource/Tutorials/T2-Leong.pdf>

S.No	Topic(s)	Book Reference	Teaching Methodology
1	Wireless LANS and PANS: Introduction	T1	Block Board
2	Fundamentals of WLANS	T1	Block Board
3	IEEE 802.11 Standards	T1	Block Board
4	HIPERLAN Standard	T1	PPT
5	Bluetooth	T1	Seminar
6	Home RF	R2	Seminar
7	Wireless Internet	T2	PPT
8	Mobile IP	T1	Block Board
9	TCP in Wireless Domain	T1	PPT
10	WAP	T1	Block Board
11	Optimizing Web over Wireless	T1	PPT
12	AD-HOC Wireless Networks: Introduction	T1	Block Board

  
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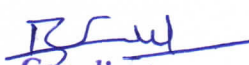
13	Issues in Ad Hoc Wireless Networks,	W1	Video Lecturar
14	AD Hoc Wireless Internet.	T2	PPT
15	MAC Protocols for Ad Hoc Wireless Networks: Introduction,	T2	Block Board
16	Issues in Designing a MAC protocol for Ad Hoc Wireless Networks,	T2	PPT
17	Design goals of a MAC Protocol for Ad Hoc Wireless Networks,	T2	PPT
18	Classifications of MAC Protocols	T2	PPT
19	Contention - Based Protocols	T2	PPT
20	Contention - Based Protocols with reservation Mechanisms	T2	PPT
21	Contention – Based MAC Protocols with Scheduling Mechanisms	T2	PPT
22	MAC Protocols that use Directional Antennas	T1	PPT
23	Other MAC Protocols	T1	GD/Debate
24	Routing Protocols: Introduction	W2	Video Lecturer
25	Issues in Designing a Routing Protocol for Ad Hoc Wireless Networks	R1	PPT
26	Classification of Routing Protocols	T1	PPT
27	Table –Driven Routing Protocols	T1	Open book Test
28	On – Demand Routing Protocols	R1	PPT
29	Hybrid Routing Protocols	T1	PPT
30	Routing Protocols with Efficient Flooding Mechanisms	T1	PPT
31	Hierarchical Routing Protocols	T1	PPT
32	Power – Aware Routing Protocols	T1	PPT
33	Transport Layer and Security Protocols: Introduction	T1	Seminar
34	Issues in Designing a Transport Layer Protocol for Ad Hoc Wireless Networks	T1	PPT
35	Design Goals of a Transport Layer Protocol for Ad Hoc Wireless Networks	T1	PPT
36	Classification of Transport Layer Solutions	T1	PPT
37	TCP Over Ad Hoc Wireless Networks,	T1	PPT
38	Other Transport Layer Protocol for Ad Hoc Wireless Networks	R2	PPT

  
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39	Security in Ad Hoc Wireless Networks	T1	PPT
40	Network Security Requirements	T1	PPT
41	Issues and Challenges in Security Provisioning	R2	PPT
42	Network Security Attacks	T1	Case Study
43	Key Management	T1	PPT
44	Secure Routing in Ad Hoc Wireless Networks	T1	PPT
45	Quality of Service: Introduction	W3	Video Lecturer
46	Issues and Challenges in Providing QoS in Ad Hoc Wireless Networks	T1	PPT
47	Classification of QoS Solutions	T2	PPT
48	MAC Layer Solutions	R3	PPT
49	Network Layer Solutions	T1	PPT
50	QoS Frameworks for Ad Hoc Wireless Networks	T1	PPT
51	Energy Management: Introduction	R3	Black Board
52	Need for Energy Management in Ad Hoc Wireless Networks	T1	PPT
53	Classification of Ad Hoc Wireless Networks	T1	PPT
54	Battery Management Schemes	T1	PPT
55	Transmission Power Management Schemes	T1	PPT
56	System Power Management Schemes	T1	PPT
57	Wireless Sensor Networks: Introduction	T1	PPT
58	Sensor Network Architecture	T2	PPT
59	Data Dissemination	T2	PPT
60	Data Gathering	T2	PPT
61	MAC Protocols for Sensor Networks	T2	PPT
62	Location Discovery	T2	PPT
63	Quality of a Sensor Network	R3	PPT
64	Evolving Standards	R3	Viva
65	Other Issues	T1	PPT



Signature of the Faculty member

  
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# LECTURE RECORD

Subject : Computer Design  
Mobile computing

Duration of each exam (Mid) : 2-hrs

Credits : 2

Max. Marks : 30

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
1	15/3/2021	Wireless LANs & WANS - Introduction	Block Book
2	15/3/2021	Introduction	Block Book
3	16/3/2021	Fundamentals of WLANs.	Block Book
4	16/3/2021	continue	Block Book
5	17/3/2021	HIPERLAN standard	PPT
6	17/3/2021	Hiperlan standard	PPT
7	18/3/2021	Bluetooth	Seminar
8	18/3/2021	IEEE 802.11 standard.	PPT
9	19/3/2021	Home RF.	PPT
10	19/3/2021	More details about RF	PPT
11	22/3/2021	Wireless Internet Introduction	PPT
12	22/3/2021	mobile IP, TCP in wireless domain	PPT
13	23/3/2021	WAP and optimizing web over wireless	PPT
14	23/3/2021	UNIT-II Ad-hoc wireless networks Introduction	PPT
15	24/3/2021	Issues in adhoc wireless networks	PPT
16	24/3/2021	Issues continued, Adhoc-wireless net	PPT
17	25/3/2021	MAC protocol for Ad-hoc wireless NW.	PPT
18	25/3/2021	Issues in MAC protocol.	PPT
19	26/3/2021	Design MAC protocol continued	PPT
20	26/3/2021	Design goals of MAC protocol.	PPT.
21	29/3/2021	classification of MAC protocol	Block Book
22	29/3/2021	Contention based protocol.	PPT
23	30/3/2021	Contention based protocol with reservation	PPT
24	30/3/2021	mechanisms using PPT	Seminar
25	31/3/2021	contention Based Res with Scheduling mechanism	PPT

mechanism

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# LECTURE RECORD

Subject : MOBILE computing

Duration of each exam (Mid) : 2 hrs

Credits : 3

Max. Marks : 30 marks

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
26	31/3/2024	MAC protocol that we discussed	ask PPT
27	11/4/2024	Other MAC protocol.	30/ Seminar
28	31/4/2024	Routing protocol	video, lec
29	31/4/2024	Issues in designing Routing protocol.	PPT
30	9/4/2024	Classification of Routing protocol.	Open book
31	9/4/2024	Table driven Routing protocol using	Viva
32	12/4/2024	on demand Routing protocol using	PPT
33	12/4/2024	on demand Routing protocol cont	PPT
34	15/4/2024	Hybrid Routing protocol using	PPT
35	15/4/2024	Routing protocol with efficient flooding mech	PPT
36	16/4/2024	Hierarchical routing protocol.	PPT
37	16/4/2024	Continued to Hierarchical routing prot	PPT
38	19/4/2024	Power aware Routing protocol	PPT
39	19/4/2024	continued	PPT
40	20/4/2024	Transport layer and security	PPT
41	20/4/2024	protocol - Introduction	PPT
42	26/4/2024	Issue in design of Transport layer	PPT
43	26/4/2024	protocol for Ad-hoc wireless netw	PPT
44	27/4/2024	Design goal of Transport layer	Seminar
45	28/4/2024	Classification of Transport layer	seminar
46	28/4/2024	TCP over Ad-hoc wireless Netw and	PPT
47	29/4/2024	Other Transport layer protocols	PPT
48	29/4/2024	security in Ad-hoc wireless Netw	video
49	30/4/2024	Network Security Requirement	care study
50	30/4/2024	Issues and challenge in security provision	PPT

# LECTURE RECORD

Subject : mobile computing

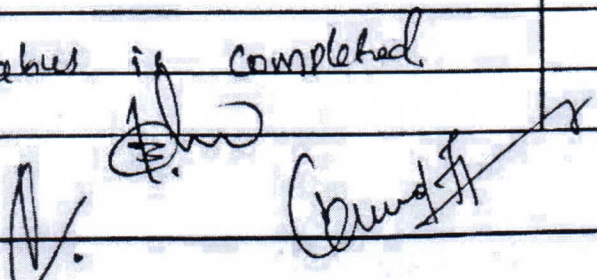
Duration of each exam (Mid) : 2-hrs

Credits : 3

Max. Marks : 30-Marks

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
51,52	3/5/21	Network security attacks, Key management	Case study
53	4/5/21	Secure Routing in ad-hoc wireless N/W's	PPT
54	4/5/2021	Quality of Service	NPTEL video
55	5/5/2021	Issues & challenges in QoS in Ad-hoc ws. N's	PPT
56,57	5/5/2021	Classification of QoS solutions	PPT
58,59	6/5/2021	MAC layer solutions	PPT
60	6/5/2021	Network layer solutions	PPT
61	6/5/2021	QoS Frameworks for Ad-hoc wireless N/W's	PPT
62	6/5/2021	Energy management, Need for Energy aware	Block Board
63	10/5/2021	classification of Ad-hoc wireless N/W's	PPT
64	10/5/21	Battery management schemes	PPT
65,66	11/5/2021	Transmission power management schemes	PPT
67,68	13/5/2021	System power management schemes	PPT
69	1/6/2021	wireless sensor networks	Seminar
70	4/6/2021	Sensor Network Architecture	GD labo
71	8/6/2021	Data Dissemination	PPT
72	10/6/2021	Data Gathering	PPT
73,74	14/6/21,15	MAC protocols for sensor networks	PPT
75	15/6/21	Location Discovery	viva
76	17/6/21	Quality of sensor networks	NPTEL video
77	18/6/21	Evaluating standards	PPT
78	21/6/21	Other issues	Seminar
79	22/6/21	overview	
syllabus is completed.			






Dr A. P. Lingaswamy counselling the students



Mr A.G.Venkateswarlu mentoring the student on academic & non academic problems

  
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