



# JNTUH COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085



## MEMORANDUM OF MARKS

MEMO. NO.: IM 60264

SERIAL NO.: 5723079

EXAMINATION: I B.Tech. I Semester.

ELECTRONICS & COMMUNICATIONS ENGG.

BRANCH:

RAM SAI KARTHIK UNNAM

STUDENT'S NAME:

HALL TICKET NO.

14011A0434

MONTH & YEAR OF EXAM February, 2015

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	A1101	MATHEMATICS-I	27	54	81	A	4
2	A1102	COMP.PROGRAMMING & DATA STRUCTURES	26	25	51	C	4
3	A1153	COMP.PROGRAMMING & DATA STRUCT.-(LAB)	23	30	53	A	2
4	A1103	ENGLISH	27	47	74	A	4
5	A1104	ENGINEERING GRAPHICS	20	66	86	A	4
6	A1105	ENGINEERING MECHANICS	24	56	80	A	4
7	A1150	ENGINEERING WORKSHOP	20	34	54	A	2
8	A1154	ENGLISH LANG.& COMMUNIC.SKILLS -(LAB)	23	42	65	A	2
SUBJECTS REGISTERED : 8    APPEARED : 8    PASSED : 8    TOTAL :			190	354	544		26

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS) Five Four Four \*\*\*\*\*

DATE OF ISSUE 10-04-2015

VERIFIED BY

*[Signature]*  
PRINCIPAL

### INSTRUCTIONS :

### MAXIMUM MARKS

### MINIMUM MARKS FOR PASS

THEORY SUBJECTS

PRACTICAL SUBJECTS

Internal	End Exam.	Total of Internal and End Exams
30	70	100
25	50	75

End Exam.	Total of Internal and End Exams
25	40
18	30

Note : Any discrepancy must be represented within 15 days from the date of Issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTU COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085



## MEMORANDUM OF MARKS

MEMO. NO.: **IM 69264**

SERIAL NO.: 6613160

EXAMINATION: J B.Tech. II Sem.

BRANCH: ELECTRONICS & COMMUNICATIONS ENGG.

STUDENT'S NAME RAM SAI KARTHIK UNNAM

HALL TICKET NO.

**14011A0434**

MONTH & YEAR OF EXAM : July, 2015

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	A1201	MATHEMATICS-II	20	50	70	A	4
2	A1202	BASIC ELECTRICAL & ELECTRONICS ENGG.	23	49	72	A	4
3	A1203	ENVIRONMENTAL SCIENCE	23	56	79	A	4
4	A1204	COMPUTATIONAL MATHEMATICS	15	34	49	A	2
5	A1211	COMPUTATIONAL MATHEMATICS - (LAB)	25	46	71	A	2
6	A1207	ENGINEERING CHEMISTRY	22	47	69	B	4
7	A1208	APPLIED PHYSICS	26	57	83	A	4
8	A1214	BASIC ELE. & ELECTRONICS ENGG.- (LAB)	24	43	67	A	2
9	A1215	APPLIED PHYSICS -(LAB)	22	43	65	A	2
SUBJECTS REGISTERED : 9    APPEARED : 9    PASSED : 9    TOTAL :			200	425	625		28

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS)

\*\*\*\* Six Two Five \*\*\*\*

DATE OF ISSUE 13-10-2015

VERIFIED BY

PRINCIPAL

INSTRUCTIONS :

MAXIMUM MARKS

MINIMUM MARKS FOR PASS

THEORY SUBJECTS

PRACTICAL SUBJECTS

Internal	End Exam.	Total of Internal and End Exams
30	70	100
25	50	75

End Exam.	Total of Internal and End Exams
25	40
18	30

Note : Any discrepancy must be represented within 15 days from the date of issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTU COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085



## MEMORANDUM OF MARKS

MEMO. NO.: IM 61430

SERIAL NO.: 6303137

EXAMINATION: II B.Tech. I Sem.

BRANCH: ELECTRONICS & COMMUNICATIONS ENGG.

STUDENT'S NAME: RAM SAI KARTHIK UNNAM

HALL TICKET NO.

14011A0434

MONTH & YEAR OF EXAM : December, 2015

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	B21C1	MATHEMATICS-III	26	63	89	A	4
2	B21C9	BASIC SIMULATION (LAB)	24	10	34	F	0
3	B2141	SIGNALS & SYSTEMS	29	66	95	A	4
4	B2142	ELECTRICAL TECHNOLOGY	23	62	85	A	4
5	B2143	ANALOG ELECTRONICS	29	63	92	A	4
6	B2144	NETWORK ANALYSIS	25	53	78	A	4
7	B2147	ANALOG ELECTRONICS -(LAB)-I	23	46	69	A	2
8	B2148	ELECTRICAL TECHNOLOGY -(LAB)	24	36	60	A	2
SUBJECTS REGISTERED : 8    APPEARED : 8    PASSED : 7    TOTAL :			203	399	602		24

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS)

\*\*\*\* Six Zero Two \*\*\*\*

DATE OF ISSUE : 28-04-2016

VERIFIED BY

PRINCIPAL

INSTRUCTIONS :

MAXIMUM MARKS

MINIMUM MARKS FOR PASS

THEORY SUBJECTS

Internal    End Exam.    Total of Internal and End Exams

End Exam.    Total of Internal and End Exams

PRACTICAL SUBJECTS

30    70    100  
25    50    75

25    40  
18    30

Note : Any discrepancy must be represented within 15 days from the date of Issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTUH COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085



## MEMORANDUM OF MARKS

MEMO. NO.: IM 65523

SERIAL NO.: 622597

EXAMINATION: II B.Tech. I Sem.

HALL TICKET NO.:

14011A0434

BRANCH: ELECTRONICS & COMMUNICATIONS ENGG.

MONTH & YEAR OF EXAM: July, 2016

STUDENT'S NAME: RAM SAI KARTHIK UNNAM

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	B21C9	BASIC SIMULATION (LAB)	24	38	62	A	2
SUBJECTS REGISTERED: 1    APPEARED: 1    PASSED: 1    TOTAL:			24	38	62		2

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS) \*\*\*\* Zero Six Two \*\*\*\*

DATE OF ISSUE: 24-08-2016

VERIFIED BY

PRINCIPAL

### INSTRUCTIONS:

### MAXIMUM MARKS

### MINIMUM MARKS FOR PASS

THEORY SUBJECTS

PRACTICAL SUBJECTS

Internal	End Exam.	Total of Internal and End Exams
30	70	100
25	50	75

End Exam.	Total of Internal and End Exams
25	40
18	30

Note: Any discrepancy must be represented within 15 days from the date of issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTUH COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085

## MEMORANDUM OF MARKS



MEMO. NO. : IM 71529

SERIAL NO. : 6973187

EXAMINATION : II B.Tech.II Sem. Reg.

HALL TICKET NO. :

14011A0434

BRANCH : ELECTRONICS & COMMUNICATIONS ENGG.

MONTH & YEAR OF EXAM : June, 2016

STUDENT'S NAME : RAM SAI KARTHIK UNNAM

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	B22C1	HUMAN VALUES & PROFESSIONAL ETHICS	12	27	39	A	2
2	B2290	GENDER SENSITIZATION - (LAB)	22	40	62	A	2
3	B22C2	CONTROL SYSTEMS	28	37	65	B	4
4	B22C3	SWITCHING THEORY & LOGIC DESIGN	28	44	72	A	4
5	B2241	PULSE & DIGITAL CIRCUITS	29	58	87	A	4
6	B2242	ELECTRO MAGNETIC THEORY & TRANSM.LINES	28	38	66	B	4
7	B2243	ANALOG COMMUNICATIONS	23	58	81	A	4
8	B2244	ANALOG COMMUNICATIONS -(LAB)	21	39	60	A	2
9	B2245	PULSE & DIGITAL CIRCUITS -(LAB)	23	42	65	A	2
10	B2246	ANALOG ELECTRONICS -II (LAB)	18	37	55	A	2
SUBJECTS REGISTERED : 10    APPEARED : 10    PASSED : 10    TOTAL :			232	420	652		30

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS)

\*\*\*\* Six Five Two \*\*\*\*

DATE OF ISSUE : 07-09-2016

VERIFIED BY

PRINCIPAL

### INSTRUCTIONS :

### MAXIMUM MARKS

### MINIMUM MARKS FOR PASS

THEORY SUBJECTS

PRACTICAL SUBJECTS

Internal	End Exam.	Total of Internal and End Exams
30	70	100
25	50	75

End Exam.	Total of Internal and End Exams
25	40
18	30

Note : Any discrepancy must be represented within 15 days from the date of issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTUH COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085



## MEMORANDUM OF MARKS

MEMO. NO.: IM 80636

SERIAL NO.: 6063113

EXAMINATION: III B.Tech. I Sem.

HALL TICKET NO. :

14011A0434

BRANCH: ELECTRONICS & COMMUNICATIONS ENGG.

MONTH & YEAR OF EXAM : November, 2016

STUDENT'S NAME : RAM SAI KARTHIK UNNAM

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	C31C1	MANAGERIAL ECONOMICS & FINANCIAL ANALY.	25	52	77	A	4
2	C31C5	OOPS THROUGH JAVA	27	51	78	A	4
3	C31C2	LINEAR & DIGITAL I C APPLICATIONS	26	48	74	A	4
4	C3141	ANTENNAS & WAVE PROPAGATION	21	57	78	A	4
5	C3142	DIGITAL COMMUNICATIONS	27	52	79	A	4
6	C3147	LINEAR I C APPLICATIONS -(LAB)	24	43	67	A	2
7	C3148	DIGITAL ELECTRONICS -(LAB)	22	43	65	A	2
8	C3149	DIGITAL COMMUNICATIONS -(LAB)	20	40	60	A	2
SUBJECTS REGISTERED : 8    APPEARED : 8    PASSED : 8    TOTAL :			192	386	578		26

GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS)

\*\*\*\* Five Seven Eight \*\*\*\*

DATE OF ISSUE : 16-03-2017

VERIFIED BY

PRINCIPAL

INSTRUCTIONS :

MAXIMUM MARKS

MINIMUM MARKS FOR PASS

THEORY SUBJECTS

PRACTICAL SUBJECTS

Internal	End Exam.	Total of Internal and End Exams
30	70	100
25	50	75

End Exam.	Total of Internal and End Exams
25	40
18	30

Note : Any discrepancy must be represented within 15 days from the date of Issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTU COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085

## MEMORANDUM OF MARKS



MEMO. NO.: IM 82274

SERIAL NO.: 5933092

EXAMINATION: III B.Tech.II Sem.

HALL TICKET NO.

14011A0434

BRANCH: ELECTRONICS & COMMUNICATIONS ENGG.

MONTH & YEAR OF EXAM : April, 2017

STUDENT'S NAME: RAM SAI KARTHIK UNNAM

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	C32C8	DISASTER MANAGEMENT	13	25	38	A	2
2	C32C1	ENTREPRENEURSHIP	25	49	74	A	4
3	C32C9	ADV.ENGLISH LANG.COMMUNIC.SKILLS-(LAB)	23	45	68	A	2
4	C3241	MICROPROCESSORS & MICROCONTROLLERS	22	33	55	C	4
5	C3242	DIGITAL SIGNAL PROCESSING	25	44	69	B	4
6	C3243	ELECTRONIC MEASURE.& INSTRUMENTATION	22	32	54	C	4
7	C3244	DIGITAL SYSTEMS DESIGN	25	50	75	A	4
8	C3247	DIGITAL SIGNAL PROCESSING -(LAB)	23	44	67	A	2
9	C3248	MICROPROCESSOR & MICROCONTROLLER-(LAB)	22	35	57	A	2
SUBJECTS REGISTERED : 9    APPEARED : 9    PASSED : 9    TOTAL :			200	357	557		28

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS)

\*\*\*\* Five Five Seven \*\*\*\*

DATE OF ISSUE : 28-08-2017

VERIFIED BY

PRINCIPAL

INSTRUCTIONS :

MAXIMUM MARKS

MINIMUM MARKS FOR PASS

THEORY SUBJECTS

PRACTICAL SUBJECTS

Internal	End Exam.	Total of Internal and End Exams
30	70	100
25	50	75

End Exam.	Total of Internal and End Exams
25	40
18	30

Note : Any discrepancy must be represented within 15 days from the date of Issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTUH COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad, Telangana - 500 085



## MEMORANDUM OF MARKS

MEMO. NO. : IM 83140

SERIAL NO. : 5643063

EXAMINATION : IV B.Tech. I Sem.(Reg.)

HALL TICKET NO. :

14011A0434

BRANCH : ELECTRONICS & COMMUNICATIONS ENGG.

MONTH & YEAR OF EXAM : November, 2017

STUDENT'S NAME : RAM SAI KARTHIK UNNAM

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	D4141	MICROWAVE ENGINEERING	26	54	80	A	4
2	D4142	COMPUTER NETWORKS	26	37	63	B	4
3	D4143	VLSI DESIGN	18	36	54	C	4
4	D4144	CELLULAR & MOBILE COMMUNICATIONS	22	43	65	B	4
5	D4145	NETWORK SECURITY & CRYPTOGRAPHY	25	38	63	B	4
6	D4147	VLSI & ECAD-(LAB)	20	36	56	A	2
7	D4148	MICROWAVE ENGINEERING-(LAB)	23	38	61	A	2
8	D4149	INDUSTRY ORIENTED MINI PROJECT-(S.P)	--	42	42	A	2
9	D4150	SEMINAR	45	--	45	A	2
SUBJECTS REGISTERED : 9    APPEARED : 9    PASSED : 9    TOTAL :			205	324	529		28

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS)

\*\*\*\* Five Two Nine \*\*\*\*

DATE OF ISSUE : 10-02-2018

VERIFIED BY

PRINCIPAL

### INSTRUCTIONS :

#### MAXIMUM MARKS

#### MINIMUM MARKS FOR PASS

THEORY SUBJECTS

PRACTICAL SUBJECTS

Internal	End Exam.	Total of Internal and End Exams
30	70	100
25	50	75

End Exam.	Total of Internal and End Exams
25	40
18	30

MINI PROJECT-50

SEMINAR-50

Note : Any discrepancy must be represented within 15 days from the date of issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTU COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana, India.



## MEMORANDUM OF MARKS

MEMO. NO.: IM 32403

SERIAL NO.: 3812910

EXAMINATION: IV B.Tech.II Sem.

HALL TICKET NO.

14011A0434

BRANCH: ELECTRONICS & COMMUNICATIONS ENGG.

MONTH & YEAR OF EXAM: April, 2018

STUDENT'S NAME: RAM SAI KARTHIK UNNAM

S.No.	SUBJECT CODE	SUBJECT TITLE	INTERNAL MARKS	END EXAM	TOTAL MARKS	GRADE	CREDITS
1	D4201	MANAGEMENT SCIENCE	25	49	74	A	4
2	D4241	RADAR SYSTEMS	29	67	96	A	4
3	D4248	COMPREHENSIVE VIVA-VOCE	--	25	25	C	2
4	D4249	MAJOR PROJECT	55	125	180	A	12
SUBJECTS REGISTERED : 4    APPEARED : 4    PASSED : 4    TOTAL :			109	266	375		22

### GRADE - % of Marks Secured

- A - 70% and above
- B - Below 70% not less than 60%
- C - Below 60% not less than 50%
- D - Below 50% not less than 40%
- F - Below 40% / Fail



TOTAL MARKS (IN WORDS)

\*\*\*\* Three Seven Five \*\*\*\*

DATE OF ISSUE: 03-05-2018

VERIFIED BY

PRINCIPAL

INSTRUCTIONS :

MAXIMUM MARKS

MINIMUM MARKS FOR PASS

THEORY SUBJECTS

Internal    End Exam.    Total of Internal and End Exams

End Exam.    Total of Internal and End Exams

PRACTICAL SUBJECTS

30	70	100	25	40
60	140	200	49	80

C.V.V  
MAJOR PROJECT

MAX-MARKS-50  
MAX-MARKS-200

MIN.PASS.MARKS-20  
MIN.PASS.MARKS-80

Note : Any discrepancy must be represented within 15 days from the date of Issue.

P: PASS

F: FAIL

AB: ABSENT





# JNTU COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD - 500 085, TELANGANA, INDIA.

## CONSOLIDATED MEMORANDUM OF MARKS



CMM. No.: **c 0104591**

BACHELOR OF TECHNOLOGY- ELECTRONICS & COMMUNICATION ENGINEERING

Serial No.: 213000440

Month & Year of Final Exam : April, 2018

Name: RAM SAI KARTHIK UNNAM

Class Awarded: First Class with Distinction

Hall Ticket No.: 14011A0434

Year of Admission: 2014 - 2015

SNO	SUBJECT TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS	SNO	SUBJECT TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS
	Maximum Marks in Theory	30	70	100			Maximum Marks in Lab	25	50	75	
	Seminar	50	†	50			Industrial Training/Mini Project	#	50	50	
	Project	60	140	200							
I SEMESTER					I YEAR	II SEMESTER					
1	MATHEMATICS-I	27	54	81	4	1	MATHEMATICS-II	20	50	70	4
2	COMP.PROGRAMMING & DATA STRUCTURES	26	25	51*	4	2	BASIC ELECTRICAL & ELECTRONICS ENGG.	23	49	72	4
3	ENGLISH	27	47	74	4	3	ENVIRONMENTAL SCIENCE	23	56	79	4
4	ENGINEERING GRAPHICS	20	66	86	4	4	COMPUTATIONAL MATHEMATICS	15	34	49	2
5	ENGINEERING MECHANICS	24	56	80	4	5	ENGINEERING CHEMISTRY	22	47	69	4
6	ENGINEERING WORKSHOP	20	34	54	2	6	APPLIED PHYSICS	26	57	83	4
7	COMP.PROGRAMMING & DATA STRUCT.-(LAB)	23	30	53	2	7	COMPUTATIONAL MATHEMATICS - (LAB)	25	46	71	2
8	ENGLISH LANG. & COMMUNIC.SKILLS -(LAB)	23	42	65	2	8	BASIC ELE.& ELECTRONICS ENGG.-(LAB)	24	43	67	2
						9	APPLIED PHYSICS -(LAB)	22	43	65	2
I SEMESTER					II YEAR	II SEMESTER					
1	MATHEMATICS-III	26	63	89	4	1	SWITCHING THEORY & LOGIC DESIGN	28	44	72	4
2	SIGNALS & SYSTEMS	29	66	95	4	2	PULSE & DIGITAL CIRCUITS	29	58	87	4
3	ELECTRICAL TECHNOLOGY	23	62	85	4	3	ELECTRO MAGNETIC THEORY & TRANSM.LII	28	38	66	4
4	ANALOG ELECTRONICS	29	63	92	4	4	CONTROL SYSTEMS	28	37	65	4
5	NETWORK ANALYSIS	25	53	78	4	5	ANALOG COMMUNICATIONS	23	58	81	4
6	ANALOG ELECTRONICS -(LAB)-I	23	46	69	2	6	HUMAN VALUES & PROFESSIONAL ETHICS	12	27	39	2
7	ELECTRICAL TECHNOLOGY -(LAB)	24	36	60	2	7	ANALOG COMMUNICATIONS -(LAB)	21	39	60	2
8	BASIC SIMULATION (LAB)	24	38	62	2	8	PULSE & DIGITAL CIRCUITS -(LAB)	23	42	65	2
						9	ANALOG ELECTRONICS -II (LAB)	18	37	55	2
I SEMESTER					III YEAR	II SEMESTER					
1	MANAGERIAL ECONOMICS & FINANCIAL ANALY	25	52	77	4	1	MICROPROCESSORS & MICROCONTROLLER	22	33	55	4
2	LINEAR & DIGITAL I C APPLICATIONS	26	48	74	4	2	DIGITAL SIGNAL PROCESSING	25	44	69	4
3	OOPS THROUGH JAVA	27	51	78	4	3	ELECTRONIC MEASURE & INSTRUMENTATIC	22	32	54	4
4	ANTENNAS & WAVE PROPAGATION	21	57	78	4	4	DIGITAL SYSTEMS DESIGN	25	50	75	4
5	DIGITAL COMMUNICATIONS	27	52	79	4	5	ENTREPRENEURSHIP	25	49	74	4
6	LINEAR I C APPLICATIONS -(LAB)	24	43	67	2	6	DISASTER MANAGEMENT	13	25	38	2
7	DIGITAL ELECTRONICS -(LAB)	22	43	65	2	7	DIGITAL SIGNAL PROCESSING -(LAB)	23	44	67	2
8	DIGITAL COMMUNICATIONS -(LAB)	20	40	60	2	8	MICROPROCESSOR & MICROCONTROLLER-	22	35	57	2
						9	ADV.ENGLISH LANG.COMMUNIC.SKILLS-(LAE	23	45	68	2
I SEMESTER					IV YEAR	II SEMESTER					
1	MICROWAVE ENGINEERING	26	54	80	4	1	MANAGEMENT SCIENCE	25	49	74	4
2	COMPUTER NETWORKS	26	37	63	4	2	RADAR SYSTEMS	29	67	96	4
3	VLSI DESIGN	18	36	54*	4	3	COMPREHENSIVE VIVA-VOCE	-	25	25	2
4	CELLULAR & MOBILE COMMUNICATIONS	22	43	65	4	4	MAJOR PROJECT#	55	125	180	12
5	NETWORK SECURITY & CRYPTOGRAPHY	25	38	63	4						
6	VLSI & ECAD-(LAB)	20	36	56	2	**	GENDER SENSITIZATION -(LAB)	22	40	62	2
7	MICROWAVE ENGINEERING-(LAB)	23	38	61	2						
8	INDUSTRY ORIENTED MINI PROJECT-(S.P)	-	42	42	2						
9	SEMINAR	45	-	45	2						

Number of Credits registered for : 214 Aggregate Marks Secured for credits: 204

Aggregate Marks Secured : 4323 OUT OF 5500 (78.6%)

Date of Issue : May 18 2018

(see overleaf for Rules concerned to award of class)



(\*Courses registered but not counted for calculation of aggregate)

*E. Sridhar Reddy*

PRINCIPAL



# JNTUH COLLEGE OF ENGINEERING HYDERABAD

(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD - 500 085, TELANGANA, INDIA

H.T. No. 14011A0434

Sl. No. PC 1006050

313000440



## PROVISIONAL CERTIFICATE

213000440

This is to certify that Mr. RAM SAI KARTHIK UNNAM  
son of Mr. SESHA CHALAM UNNAM  
passed B. Tech. (ELECTRONICS & COMMUNICATION ENGINEERING) degree  
examination of this University, held in April, 2018 and that he was  
placed in FIRST CLASS WITH DISTINCTION

He has satisfied all the requirements for the award of the degree.

Verified by:

Vice-Principal

PRINCIPAL

Date of Issue : May 13, 2013

