



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(Affiliated to AU, Approved by AICTE & Accredited by NBA)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone: 08933- 225084,226395

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### GUEST LECTURE ON AVIONIC PACKAGES AND REALISATION

Speaker: K Murali Krishna Rao, Scientist F in DRDL (DRDO), Hyderabad

Date: 24-11-2018

Time: 1:00 -2:30PM

Venue: Seminar Hall (ECE Dept)

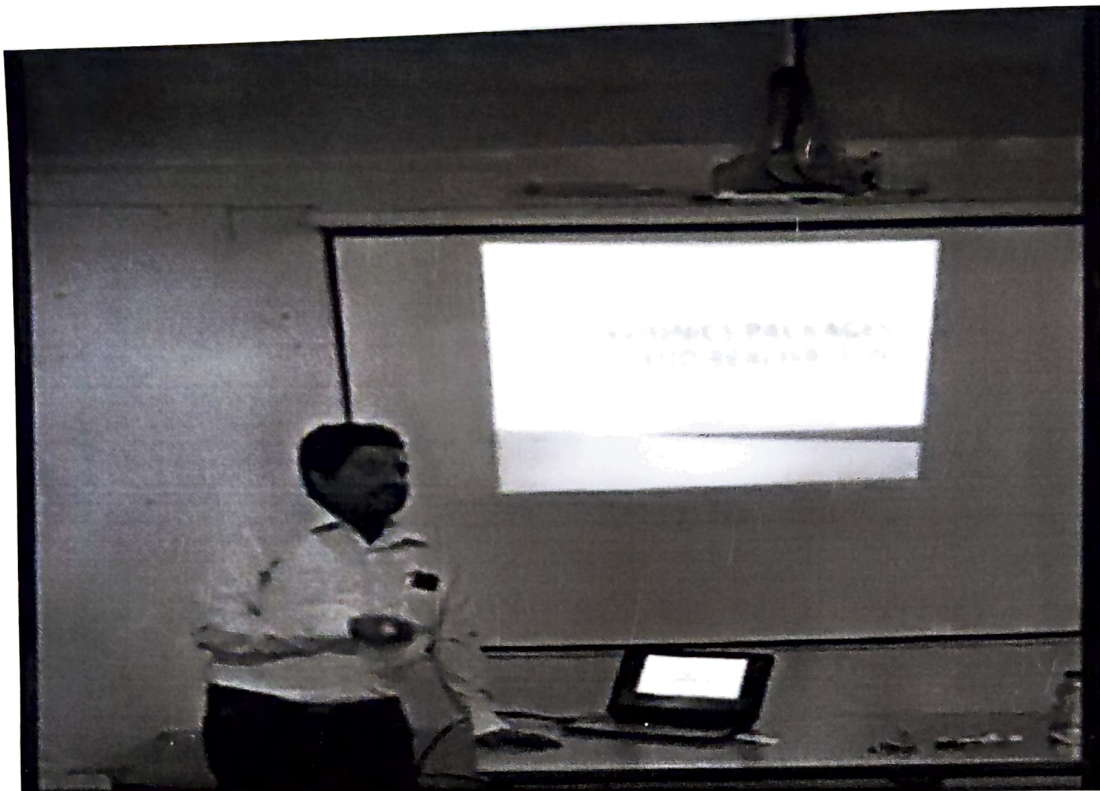
Target Audience: Faculty and Students.

The lecture is about various types of missiles and various avionics subsystems onboard of missile. And also the realization of avionics packages

1. Missiles are of various types based on the fuel, type of launch, type of trajectory, type of target, range etc. The lecture briefly explains about the different types of missiles based on above.

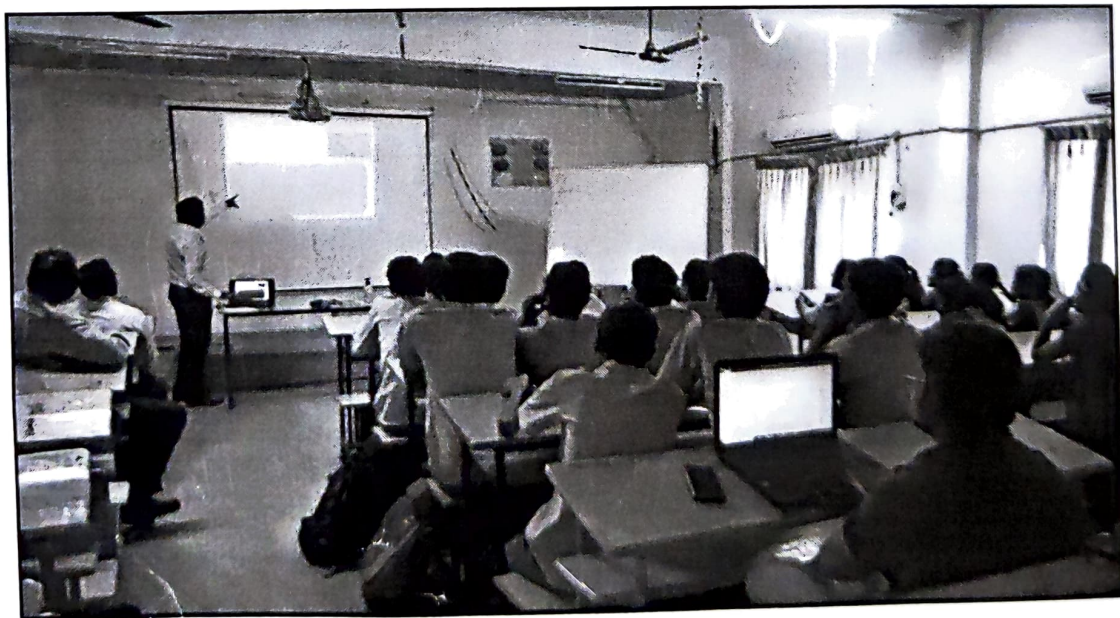
2. The lecture also explains about different types of subsystems like onboard computers, switching on power to packages, data transfer from one package to other packages, and telemetry etc.

3. The lecture finally about the practices while realizing the Avionics packages and the tests undergone to withstand harsh environment.



24-11-2018

Resource Person discussing about "Avonic Packages and Realisation"



Students listening to Resource Person

# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AUTONOMOUS)

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Phone: 08933- 225084.226395

## Department of Electronics and Communication Engineering

Interactive Session

Topic: **AVIONICS**

Name of the Resource Person: **K. MURALI KRISHNA, Scientist-F, DRDL**

Date: 24.11.2018

Time: 1:00 to 2:30 pm

S.NO	Reg.Number	Name of the student	Signature
1.	318126512L31	Bonthu Mani Shankar	B.M. Shankar.
2.	318126512L29	A. Nagendra prasad	A. Nagendra
3.	318126512L24	K. Vijaya Tej	K. Vijaya Tej
4.	317126512005	B. Chandra Moukanta	B. Chandra
5.	317126512155	P.S. Hithik	Hithik
6.	317126512159	P. Pramod	P. Pramod.
7.	317126512162	P. Praveen	P. Praveen
8.	317126512167	SK. Mahaboob Subhani	Subhani
9.	317126512107	S. Tanishq	S. Tanishq
10.	317126512070	Ch. N. N. Parthi naidu	Ch. N. N. Parthi naidu
11.	317126512073	D.N. RAJU BABU	D.N. RAJU BABU
12.	318126512L20	SK. SIRAJUDDIN	SK. SIRAJUDDIN
13.	317126512071	Ch. E. V. Sai	Ch. E. V. Sai
14.	317126512066	B. Vinay Kumar	B. Vinay Kumar
15.	317126512074	D. J. J. Dharmareja	D. J. J. Dharmareja
16.	317126512075	G. S. N. Havi Priya	G. S. N. Havi Priya
17.	317126512083	K. Sahithi	K. Sahithi
18.	317126512061	A. pasyanthi padma malini	A. pasyanthi padma malini
19.	318126512L23	P. Kavya	P. Kavya
20.	317126512106	R. Navya	R. Navya
21.	317126512087	M. Laxmipriya	M. Laxmipriya
22.	317126512092	M. Asha	M. Asha
23.	318126512L35	Y. Bindu Srilekha	Y. Bindu Srilekha
24.	318126512L27	K. Sriyasha	K. Sriyasha
25.	318126512L28	T. Indupriya	T. Indupriya
26.	317126512133	G. Sarvani	G. Sarvani
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			

  
Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531162





# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.  
Phone: 08933- 225084,226395

## DEPARTMENT OF ECE List of the students participated

Date: 24-11-2018

Event: Avionic Packages and Realisation

SNo.	Regd No.	Student Name	Sign
1.	315126512001	A S JATIN SAIRAM GONA	Sairam
2.	315126512002	ABOTULA JAYA KUMAR	A. Jaya Kumar
3.	315126512003	AKKARABOINA LALITH SAI YASWANTH	A. Lalith Sai Yaswanth
4.	315126512004	ALAPATI TEJASWINI	+ e Sapamini
5.	315126512005	ALLAMSETTI VENKAT NAVYA	A. Venkat Navya
6.	315126512006	ALLURI NAGA DURGA SASI TEJA	Sasi Teja
7.	315126512007	ANNAMREDDY SANDHYA RANI	A. Sandhya Rani
8.	315126512008	ANURAG DUTTA	Anurag
9.	315126512009	ARASAVILLI PRIYANKA	A. Priyanka
10.	315126512010	ARYASOMAYAJULA BHARAT KUMAR	A. Bharath Kumar
11.	315126512011	AVUGADDA RAMA LAVANYA	A. Rama Lavanya
12.	315126512012	BADDA ANIL TEJA	Teja
13.	315126512013	BAGATHI VASANTHA	Basanthi
14.	315126512014	BALANAGU SRI SAIRAM	Sairam
15.	315126512016	BANDARU HAREESHA	B. Sai Sri Ram
16.	315126512017	BANDELA SAI VAMSI	B. Hareesha
17.	315126512018	BASAVA RAJENDRA	B. Sai Vamsi
18.	315126512019	BAVIRISETTI BHARAT GUPTA	B. Rajendra
19.	315126512020	BOMMALA MANISH KUMAR	B. Manish Kumar
20.	315126512021	BORA NAVEEN	← Absent →
21.	315126512022	BOTCHA PAVANI	B. Pavani
22.	315126512023	BUDDUKURI YOGITA SAI SRUTHI	Sruthi
23.	315126512024	CH.KAMAL CHAND	← Absent →
24.	315126512025	CHANDRA KAUSHIK CHOWDARY	Chandra
25.	315126512026	CHATLA POORNA CHANDRA RAO	Ch. Poorna Chandra Rao
26.	315126512027	CHATTUMALA PREETHAM	← Absent →
27.	315126512028	CHINTAPALLI KIRAN KUMAR	C. Preetham
28.	315126512029	CHITTULURI MAHESH	Mahesh
29.	315126512030	CHIVUKULA ADITYA MANOHAR	C. Aditya Manohar
30.	315126512031	D SURAJ VARMA	D. Suraj Varma
31.	315126512032	DADALA BHAVISYA	D. Bhavisya
32.	315126512033	DARLA CHAKRI	Chakri
33.	315126512034	DATTI SAI KISHORE	D. Sai Kishore
34.	315126512035	DESINEEDI SAI NAGA SURYA ADITYA	Aditya
35.	315126512036	DIVYA SRI CHERUKURI	D. Sri Chherukuri
36.	315126512037	DODDAPANENI SOWMYA KRISHNA	Sowmya
37.	315126512038	DOMMETI UDAY SAGAR	D. Uday Sagar
38.	315126512039	DONDAPATI SWARNA BHARATHI	Phadateki
39.	315126512040	DURGA BHARGAV	Bhargava

40.	315126512041	ETHAKOTA DEEPTHI SAI	Deepthi
41.	315126512042	GADU KOMAL KUMAR	Komal Kumar
42.	315126512043	GEDALA SUJATHA	Sujatha
43.	315126512044	GEDDAM KIRTHIKAR	G. Kirthi Kar
44.	315126512045	GOLAGANI NIKHIL SAI	Nikhil Sai
45.	315126512046	GULLALA RAJESH	Rajesh
46.	315126512047	GUMMADI SURI NAIDU	Sorinaidu
47.	315126512048	GUMPINA RAMA KRISHNA CHAITANYA	G. Rama Krishna
48.	315126512049	GUNSETTY MADHURIMA	Madhurima
49.	315126512050	HARSHA ADITYA RAJAPANTULA	Harsha
50.	315126512051	INKULU LAKSHMAN	Lakshman
51.	315126512052	JAKKAMPUDI POOJITHA	Poojitha
52.	315126512053	JAMI HARI KIRAN	Kiran
53.	315126512054	JANNI CHANDINI	Chandini
54.	315126512055	JAYA SATYANARAYANA KADA	J. Satyanarayana
55.	315126512056	KALIGI BHARGAV	Bhargav
56.	315126512057	KALLEPALLI BALASAGAR	K. Balasagar
57.	315126512058	KALLEPALLI GIRIJA KUMARI	Kumari
58.	315126512059	KANDHIKATLA SAI TEJA	Sai Teja
59.	315126512060	KANTI MAHANTI SHIVA AJITH	K. Shiva Ajith
60.	315126512062	KANTHIMAHANTI VENKATA TEJASWI	Tejaswi
61.	315126512063	KASIBHATLA SITA SIRI NAVYA	K. Sita Siri Navya
62.	315126512064	KASINA SAI MAHESH	Mahesh
63.	315126512065	KOLLURU SAROJINI ANURADHA	Anuradha
64.	315126512066	KOMMANA SATISH	Satish
65.	315126512067	KONA PRAVEEN	Praveen
66.	315126512068	KORADA ROHIT	Rohit
67.	315126512069	KORIBILLI KOKILA RANI	Kokila Rani
68.	315126512070	KORNANA LALITH KUMAR YADAV	K. Lalith Kumar
69.	315126512071	KORUPOLU AKHIL	Akhil
70.	315126512072	KOSURI DURGA SUGUNA	K. Durga Suguna
71.	315126512073	KOTHA SRINATH	Srinath
72.	315126512075	KUCHAMPUDI HEMANTH KUMAR VARMA	Hemant
73.	315126512076	KUNA RAJYA LAKSHMI	Lakshmi
74.	315126512077	KUNDEM VV SATYANARAYANA	K.V. Satyanarayana
75.	315126512078	KUPPALA SRI SAI SRINIVAS	Srinivas
76.	315126512079	KUPPILI ABHISHEK	Abhishek
77.	315126512080	KURUMBUMKATU SURESH VIDYA	Suresh Vidya
78.	315126512081	L PUJITA REDDY	L. Pujita Reddy
79.	315126512082	LAGUDU UHA	Uha
80.	315126512083	LANDA SAI CHANDANA RAJANI	Rajani
81.	315126512084	LEKKALA DHAMANI DEVI	Dhamani Devi
82.	315126512085	M.ROHIT	Rohit
83.	315126512086	MADDIRALA MANOJ KUMAR	Manoj Kumar
84.	315126512087	MANAPURAM HARIKA	M. Harika
85.	315126512088	MANAPURAM SAI PRANEETH	M. Sai Praneeth
86.	315126512089	MANCHAMBHATLA SRIKAR	Srikar
87.	315126512090	MANGU VENKATA KRISHNA KALYAN	Kalyan



88.	315126512091	MANNEPALLY SANDEEP	Sandeep
89.	315126512092	MANTRIPRAGADA SAI PAVAN KUMAR	Sai pavan
90.	315126512093	MARADANA VAMSI KRISHNA	Vamsi
91.	315126512094	MARRI PREMKUMAR	Premkumar
92.	315126512095	MASABATTULA MANASA ROJA	Manasa roja
93.	315126512096	MATTA VYSAKHI LAKSHMI PADMA PRIYA	Padma
94.	315126512097	MEDIBOINA VIKASH	M. Vikash
95.	315126512098	MENDA VENKATA LAVANYA	M. Lavanya
96.	315126512099	METTA HARITHA	M. Haritha
97.	315126512100	MOHAMMED AFSARUDDIN	M. Afsaruddin
98.	315126512101	MOHAMMED SAJIDA TAJ	M. Sajida Taj
99.	315126512102	MOIDA HARI VAMSI	M. Hari Vamsi
100.	315126512103	MULA SINDHUJA	M. Sindhuja
101.	315126512104	MULPURU GAYATHRI SAI RAJITHA	M. Sai Rajitha
102.	315126512105	MUMMAREDDY SATYA SAI BABU	Satya Sai Babu
103.	315126512106	MUVVALA KAVYA SAI	Kavya Sai
104.	315126512107	MYGAPULA NAGA MANIKANTA	M. Naga Manikanta
105.	315126512108	NAGABATHULA LOKESH MRUDHUL	N. Lokesh Mrudhul
106.	315126512109	NAGIREDDI DIVYA	Divya
107.	315126512110	NAKKA MANOJ KALYAN	Manoj Kalyan
108.	315126512111	NANDIKOLLA NARASIMHA NAVEEN	N. Narasimha Naveen
109.	315126512112	NANDINA MANISHA BABU	N. Manisha Babu
110.	315126512113	NATRA CHAITANYA SAI SAI	N. Chaitanya Sai Sai
111.	315126512114	NEERAJA NIKITHA GANDEPUDI	N. Nikitha Gandepudi
112.	315126512115	NETETI SRI KIRAN	N. Sri Kiran
113.	315126512116	NIMMALAPUDI RAMA VENKATA SATISH	N. Rama Venkata Satish
114.	315126512117	NUNNA SANDEEP	N. Sandeep
115.	315126512118	PADALA KAVYA	P. Kavya
116.	315126512119	PADMINI PANIGRAHI	P. Panigrahi
117.	315126512120	PAKALAPATI MAHESH	P. Mahesh
118.	315126512121	PALADUGA YASHWANTH KUMAR	P. Yashwanth Kumar
119.	315126512122	PALEPU VENKATA KRISHNA GOWTHAM	P. Venkata Krishna Gowtham
120.	315126512123	PALLI ANIRUDH	P. Anirudh
121.	315126512124	PAMARTHI VENKATA NAGA SAI	P. Venkata Naga Sai
122.	315126512125	PARUPUDI MANI DEEPA	P. Mani Deepa
123.	315126512126	PATANA VINITA	P. Vinita
124.	315126512127	PATNALA DEEPAK	P. Deepak
125.	315126512128	PATNALA PRASANTH	P. Prasant
126.	315126512129	PEBBILI VENKATA SURYA MEGHANA	P. Venkata Surya Meghana
127.	315126512130	PECHETTI DIVYASRI	P. Divyasri
128.	315126512131	PENTAKOTA NAVYA TEJA	P. Navya Teja
129.	315126512132	PILLI JEEVANPRIYATHAM	P. Jeevanpriyatham
130.	315126512133	PILLI VENKATA SRAVANI	P. Venkata Sravani
131.	315126512134	PILLA REVANTH SAI PRASAD	P. Revanth Sai Prasad
132.	315126512135	PINDI DURGA SRINIVAS	P. Durga Srinivas
133.	315126512136	PONNADA MUKESH	P. Mukesh
134.	315126512137	POTNURU ROHIT	P. Rohit
135.	315126512138	AVINASH POTNURU	Avinash

136.	315126512139	PUJA SPADA MALLICK	Mallu
137.	315126512140	LAKSHMI YOGITHA PUPPALA	Lakshmi
138.	315126512141	PURRE SRUJANA	Srujana
139.	315126512142	RATNALA VINAY	Vinay
140.	315126512143	REDDI ESWAR	Eswar
141.	315126512144	REDDY VARAPRASAD	Varaprasad
142.	315126512145	SAGINA TEJASWI	Tejaswi
143.	315126512146	SAMANTHULA APARANJANI	Aparanjani
144.	315126512147	SAMUEL YERICHARLA	Yericharla
145.	315126512148	SANA ABHISHEK	Abhishek
146.	315126512149	SAYAVARAPU VENKATA MANIKANTA GUPTA	C Gupta
147.	315126512150	SETTI DEEPTI	Deepti
148.	315126512151	SHAIK KALEEM	Kaleem
149.	315126512152	SHAIK BABE AYESHA	← Absent →
150.	315126512153	SHAIK REHAMATH KALESHA	Kalesha
151.	315126512154	SHAIK SAMEER REHMAN	Rehman
152.	315126512155	SISTLA SOUJANYA	Souja
153.	315126512157	TAMADA SREE VENKATA SAI VIJAYAKUMAR	Vijayakumar
154.	315126512158	THAMMISSETTY LAKSHMI PRIYANKA	Priyanka
155.	315126512159	THANGUTURI ANJANA	← Absent →
156.	315126512161	THIRUMALASETTI CHIRANJEEVI	Chiranjeevi
157.	315126512162	THOKALA RAJ PREETHAM	Preetham
158.	315126512163	THURIMELLA MOSES RATHAN	Rathan
159.	315126512164	TIRUMALA RAJU ARAVIND VARMA	(Raj)
160.	315126512165	TRIVENI KILLI	K. Triveni
161.	315126512166	UGGINA MOUNICA.DEVI	Mounica
162.	315126512167	UNDIPALLI RAJESH NAIDU	U. Devi
163.	315126512168	VALASA GOWTAM VAIKUNTA SAI KIRAN	Gowtham
164.	315126512169	VASANTHAWADA VENKATA RAMESH	Ramesh
165.	315126512170	VASAPALLI RAJESH	Rajesh
166.	315126512171	VENKAT RAM GOPAL NEKKANTY	N. Venkat
167.	315126512172	VIJAYA SRI TETALA	← Absent →
168.	315126512173	VOLETI LAKSHMI PRIYANKA	Priyanka
169.	315126512174	YALAMATI NIHARIKA	Niharika
170.	315126512175	YANDRA SUNANDA DEVI	Devi
171.	315126512176	YARAMATI SRAVYA VANITHA	Vanitha
172.	315126512177	YARASURI KRISHNA TEJA	← Absent →
173.	315126512178	YELETI SANJANA	Sanjana
174.	315126512179	NAGAMANI ANUPOJU	Anupju
175.	315126512180	SEERAM PAVAN KUMAR	Pavan Kumar
176.	315126512181	MADDALA RASI	Rasi
177.	315126512182	PALLA VENKATESH	Venkatesh
178.	315126512183	SARAGADAM HARSHA VARDHAN	Vardhan
179.	315126512184	OLUSETTI NAGENDRA KUMAR	Kumar
180.	315126512185	NEELI NITISH	Nitish
181.	315126512186	NARISIPALLI RAMU	← Absent →
182.	315126512187	CHITTURI VENKATA SAI TEJA	← Absent →
183.	315126512188	KALEPU JANA VEERABHADRA KUMAR	Kumar



184.	315126512189	PALAGADDA JOHN SARIKA	John sarika
185.	315126512190	BOVUROTHU SANTOSH NAIDU	B. Santosh Naidu
186.	315126512191	RAVADA MAHESWARI	maheswari
187.	315126512192	TANGUDU DURGA VENKATA GAYATRI	T. Venkata Gayatri
188.	315126512193	GARBHAPU DEEPTHI	deeptu
189.	315126512194	CHUNDURI HARISH	C. Harish
190.	315126512195	ROBBA KIRAN KUMAR	Ken
191.	315126512196	BAVIRISETTI MANIKANTA	B. manikanta
192.	315126512197	KOVVADA ASWINI	ASWINI
193.	315126512198	ARUGULA GANGADHAR	A. Gangadhar
194.	315126512199	ADAVIPALLI SAI RAVI CHANDRA	A. Sai Ravi Chandra
195.	315126512200	MADISI JAYA LAXMI	jayami
196.	315126512201	CHINTADA VIKAS	C. Vikas
197.	315126512202	GORUPUTI YAMUNA	yamuna
198.	315126512203	MADIREDDY RAVI KUMAR	M. Ravi kumar
199.	315126512204	GADAPA NEERAJ KUMAR	neeraj
200.	315126512205	PUKKALLA DIWAKAR	P. Diwakar
201.	315126512206	BOJANKI MOWNIKA	mownika
202.	315126512207	DANDUPATI HEMANTH SAI VENKATESH	D. Saivenkatesh
203.	315126512208	KOLA MURALI	K. Murali
204.	315126512209	KODA HARSHITHA	Harshitha
205.	315126512210	SAMMINGA REVATHI	revathi
206.	315126512211	VYAKARANAM SAI SUMANTH	sumanth
207.	315126512212	BUDIDHA HARSHA NATARAJ	B. Harsha Nataraj
208.	315126512213	MARISETTI NAGA VENKATA SATYA GANGADHAR	Satya
209.	315126512215	KOKKILIGADDA NARENDRA VARMA	K. Varma
210.	314126512055	KADALI VENKATA SURYA SATYA SAI	K. Satya Sai
211.	314126512056	KALIDASU KRISHNA NIKHIL	K. Nikhil
212.	314126512057	KALIDINDI MEGHANA RAJU	Meghana
213.	314126512100	PAGOTI VENKATA SAI ARUN	P. Venkata Sai Arun
214.	314126512101	PAILA BHARATH	Bharath
215.	314126512102	PALAVALASA VENKAT SATISH	P. Venkat Satish
216.	314126512103	PANIGRAHI SISIRAVANI	Sisraavi
217.	314126512176	SORADA ANIL KUMAR	S. Anil kumar
218.	314126512177	SAMBARA HARI CHANDANA	S. Hari Chandana
219.	314126512178	MUGADA RAKESH	M. Rakesh
220.	314126512179	PADALA VARALAKSHMI	Varalaxmi
221.	314126512180	PAPPALA BHAGYALAKSHMI	P. Bhagyalakshmi
222.	314126512181	SAMANA LOVA PRASAD	← Prasad →

Absent: 17  
Present: 205

Head of the Department  
Department of ECE  
Andhra Pradesh Institute of Technology & Sciences  
Sangivalasa-531 162