



Koneru Lakshmaiah Education Foundation

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Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

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Department of Electronics and Communication Engineering
Guest Lecture Report

DT: 17-02-2023

Resource Persons: Dr. Goutam Chattopadhyay, Fellow IEEE, Senior Research Scientist, NASA-Jet Propulsion Laboratory

Topic: “NASA Technologies for Space Exploration”

Audience: Faculty and Student

Time: 1.30 pm to 3.30 pm

Venue for event: R & D Auditorium

Department of ECE, KLEF and CSRG group in Collaboration with IEEE MTT-S, ComSoc, and Sensor SBC organizing a guest lecture titled “**NASA Technologies for Space Exploration**” addresses the Robotics missions such as Voyager, which continues to go beyond our solar system, missions to Mars and other planets, exploring the stars and galaxies for astrophysics missions, exploring and answering the question, “are we alone in this universe?” has been the driving force for NASA exploration since its inception. Fundamental science questions drive the selection of NASA missions. In this presentation, he presented an overview of the state-of-the-art radar, spectrometers, radiometers, and other instruments that are currently developing and layout the details of the science questions they will try to answer. He also discusses the challenges of the future generation instruments in addressing the needs for critical scientific applications. Finally, this session ends up with a mutual understanding to receive Continuous support from NASA to provide fruitful outcomes in the form of training, internship, and continuous technical support if possible.



Felicitation of Guest @R&D Theatre, KLEF



Participated Students @R&D Theatre, KLEF

**Organizing Guest lecture titled “NASA Technologies for Space Exploration” by
Department of ECE, KLEF – Reg.**

Registrar <registrar@kluniversity.in>

Thu 2/9/2023 5:03 PM

To:AREPALLI GOPI <gopi.arepalli@kluniversity.in>;PONNURU ANUSHA <anusha.ponnuru588@kluniversity.in>;SRITHAR.S <sss.srithar@kluniversity.in>;SREEDHAR BURADA <sreedharburada@kluniversity.in>;Thatavarti Satish <drsatishtthatavarti@kluniversity.in>;Yogesh Tripathi <yogeshtripathi27@kluniversity.in>;ASESH KUMAR TRIPATHI <asesh.tripathy@kluniversity.in>;Dr. Iwin Thanakumar Joseph. S <iwineee2006@kluniversity.in>;SaiRam Vakkalanka <sairam.vakkalanka@kluniversity.in>;Anjana Devi A <anjana.nadam@kluniversity.in>;Sai Durga Tejaswi <saidurga.vinna@kluniversity.in>;Raj Kumar Parida <rajkumarparida@kluniversity.in>;CH Divya <chdivya333@kluniversity.in>;Veera Ankalu Vuyyuru <veerankalu14@kluniversity.in>;Ch. Sabitha <sabithakiran.ch@kluniversity.in>;Sureshvenkat <sureshvenkat83@kluniversity.in>;Mr Khoirom Motilal singh <khmotilal@kluniversity.in>;Mr.Vijay Kumar Rebally <vijayrec589@kluniversity.in>;Mr.Pradeep M <deep.venkyit@kluniversity.in>;Mrs.G Bindu <bindugarikapati7@kluniversity.in>

📎 1 attachments (3 MB)

ECE Guest Lecture poster.jpg;

Ref: KLEF/RO/ECE/2022-23

Date: 09-02-2023

Orders of the Vice-Chancellor dt.09-02-2023

CIRCULAR

Sub: Organizing Guest lecture titled “**NASA Technologies for Space Exploration**” by
Department of ECE, KLEF – Reg.

Ref: Letter dated 08.02.2023 from Dr.M. Suman, HoD-ECE.

This is to inform that Department of ECE, KLEF and CSRG group in Collaboration with IEEE MTT-S, ComSoc, and Sensor SBC organizing a guest lecture titled “**NASA Technologies for Space Exploration**” by **Dr. Goutam Chattopadhyay, Fellow IEEE, Senior Research Scientist, NASA-Jet Propulsion Laboratory, United States, as the Speaker** at 1.30 PM, on **17th FEB 2023**.

Registration link for guest lecture is <https://forms.office.com/r/DQJ420KEaZ>

Venue: **R & D Auditorium**

Poster of the guest lecture is enclosed herewith.

For further details Dr. Arjuna Muduli, Mobile 7017151266, I/c.Guest Lecture, can be contacted.

All the interested students and faculty members of both the campuses can participate in the guest lecture.

REGISTRAR (I/C)

Encl: Poster

Mail & Hard copy to: Hon'ble President, KLEF
Mail to: Hon'ble Vice-Presidents, KLEF
Mail & Hard copy to: Hon'ble Pro Chancellor
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Thanks & Regards



Dr. A. Jagadeesh
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Roll No.	Register No.	Year	Dept	Name of the Students	Signature
1	190040001	4	ECE	AAKULA VENKATA VEERA GOVINDA RAO	A.V.V. Govind
2	190040006	4	ECE	ADUSUMALLI SAI PAVAN	A.S. Pavan
3	190040007	4	ECE	AKELLA P.B. SRI KRISHNA SASTRI	S. Krishna
4	190040013	4	ECE	AKHILA ALAPARTHI	A. Akh
5	190040014	4	ECE	ALAVALAPATI SHAIK NAZEER MUSTHAF	A.S.V. Musthafa
6	190040015	4	ECE	ALLAM VENKATA BINDU BHARGAV	A.V. Bindu Bhargav
7	190040018	4	ECE	AMBATI YASWANTH KUMAR	Ambathi Yaswanth
8	190040019	4	ECE	AMEER BAIG	A. Baig
9	190040024	4	ECE	ANDHAVARAPU VAMSI	A. Vamsi
10	190040025	4	ECE	ANISSETTY DEVI SUPRAJA	A.D. Supraja
11	190040030	4	ECE	ANUMOLU VENKATA SAI RISHITHA	A.V. Sai Rishitha
12	190040033	4	ECE	ARUMALLA SASI KEERTHI	A. Sasi Keerthi
13	190040037	4	ECE	BACHU SHUM SUNDAR	B.S. Sundar
14	190040039	4	ECE	BANDARU SAI SANKAR	B.S. Sankar
15	190040041	4	ECE	BANDI NAGA DIVYA SREE	B.N. Divya Sree
16	190040042	4	ECE	BANDI NANDITHA	B. Nanditha
17	190040044	4	ECE	BANDLAMUDI GNANA DEEPIKA	B. Ce. Deepika
18	190040049	4	ECE	BATTULA RAVITEJA	B. Raviteja
19	190040050	4	ECE	BEJJAGAM JIGNESH	B. Jignesh
20	190040051	4	ECE	BEJJAM DANIEL RATNAKAR	B.D. Ratnakar
21	190040055	4	ECE	BEVARA VENKATESH	B. Venkatesh
22	190040056	4	ECE	BHAGAVATHULA SATHWIK	B. Sathwik



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Roll No.	Register No.	Year	Dept	Name of the Students	Signature
23	190040057	4	ECE	BHAVANAM VINEETHA	B. Vineetha
24	190040060	4	ECE	BOINA MONISHA SAI	
25	190040062	4	ECE	BOMMINA MANOJ	B. Manoj
26	190040066	4	ECE	BUDDEPU VENKAT BHAGAVAN	B. Venkata Bhagavan
27	190040067	4	ECE	BUDDHIRAJU RAGHURAM	B. Raghuram
28	190040070	4	ECE	BURRA VAMSI KRISHNA	B. V. Krishna
29	190040071	4	ECE	BUSKAROTHU VENU	B. Venu
30	190040076	4	ECE	CHALLAKONDA NAGA SOWMITHRI	Ch. Naga Sowmithri
31	190040077	4	ECE	CHANDAKA MANOJ KUMAR	Ch. Manoj Kumar
32	190040078	4	ECE	CHANDALURI NAGA VENKATA SAI KUMAR	C. N. Sai Kumar
33	190040079	4	ECE	CHANDANA SAI NIKHITHA	Ch. Sai Nikhitha
34	190040080	4	ECE	CHAPA SAI VAMSI BHAVANI SHANKAR	Ch. Sai Vamsi Bhavani Shankar
35	190040083	4	ECE	CHEEDELLA VENKATA SIVA ANANTH SRAVAN	C. S. S. Ananth Sraavan
36	190040084	4	ECE	CHENCHALA ANOOP KUMAR REDDY	Ch. Anoop Kumar Reddy
37	190040086	4	ECE	CHENNU SESA SAI	C. J. Sesa Sai
38	190040087	4	ECE	CHERUKURI EASWARR KAILESH	Ch. Easwarr Kailesh
39	190040094	4	ECE	LOKESH CHINNABATHUNI	C. Lokesh
40	190040097	4	ECE	VENKATA GOWREE SANKAR CHINTADA	Ch. V. Gowree Sankar
41	190040098	4	ECE	CHINTHAMANU BAPU REVANTH	Ch. Bapu Revanth
42	190040100	4	ECE	CHITUMADUGULA MANOJ LAKSHMAN	Ch. Manoj Lakshman
43	190040102	4	ECE	D BALA AVINASH	D. Bala Avinash
44	190040103	4	ECE	DAMMALAPATI SAI TEJA	D. Sai Teja



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45	190040105	4	ECE	SIDDHARTH DANGETI	D. Siddharth
46	190040106	4	ECE	DAREDDY RAKESH KUMAR REDDY	D. Rakesh
47	190040114	4	ECE	DESABOINA ESWAR	D. Eswar
48	190040115	4	ECE	DEVAGIRI SATWIK REDDY	D. Satwik
49	190040116	4	ECE	DEVALRAJU MOHAN VAMSI SEETHARAM	Vamsi Seetharam
50	190040118	4	ECE	DIDDAKUNTLA VAMSHI REDDY	D. Vamsi Reddy
51	190040121	4	ECE	SAI AMARESH DOGIPARTHI	S.A. Dogiparthi
52	190040126	4	ECE	DUDEKULA PEDDA KASIM	D.P. Kasim
53	190040128	4	ECE	DURGA JAGADEESH KADIYAM	J. Durga
54	190040132	4	ECE	ESURU SUNIL KUMAR REDDY	E. Sunil Kumar
55	190040133	4	ECE	GADDE NAVYA	G. Navya
56	190040141	4	ECE	GAYAM HEMALATHA REDDY	G. Hemalatha Reddy
57	190040143	4	ECE	GOBBURU LOKESH	G. Lokesh
58	190040146	4	ECE	VENKATA CHANDRA REDDY GOGULAMUDI	V. Chandra Reddy
59	190040147	4	ECE	GOLLAPUDI VN SSR KOUNDINYA	G.V. Koundinya
60	190040148	4	ECE	GOLLU SAI VENKATA NARENDRA	G.S.V. Narendra
61	190040149	4	ECE	GUNA KOUSHIK REDDY GOLUGURI	G. Koushik Reddy
62	190040152	4	ECE	SAHITHI GORRE	Sahithi Gorre
63	190040157	4	ECE	GOWRAVAJULA SRI RAMA CHANDRA KARTHIK	G. Sri Ramachand
64	190040158	4	ECE	GOWRNENI CHARAN MOHAN	G. C. Mohan
65	190040160	4	ECE	GUDAPATI SIVA SAI TEJA	G.S. Siva Teja



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66	190040169	4	ECE	GUNNAM ASHISH CHANDRA	G.A.Chandra
67	190040170	4	ECE	GUNTAMUKKALA SRI SIVA NAGA VEERA BRAHMAJI	G.S.S.N.V. Brahmaji
68	190040172	4	ECE	JAHNAVI JAHNAVI GURRALA	Jahnavi G
69	190040174	4	ECE	GUTTIKONDA DINESH	G. Dinesh
70	190040176	4	ECE	HARI BABU KAKARLA	K. Hari Babu
71	190040177	4	ECE	HARI PRASAD K	K. Hari Prasad
72	190040180	4	ECE	INDUPURI SAI MANIKANTA	J. Sai Manikanta
73	190040182	4	ECE	JAGATA PALLAVI	J. Pallavi
74	190040188	4	ECE	JAVVADI SRINIVAS	J. Srinivas
75	190040190	4	ECE	JEKKIREDDY NEERAJ REDDY	J. Neeraj Reddy
76	190040191	4	ECE	JUPALLI LIKITH NAIDU	J. Likith
77	190040196	4	ECE	KALLAKURI KALKI SAI	K. K. Sai
78	190040198	4	ECE	SAVIO PAUL KAMBHAMPATI	K. Savio Paul
79	190040202	4	ECE	KANDULA BINDU SRI	K. Bindu Sri
80	190040206	4	ECE	KANNEVETI GOPI NATH	K. Gopinath
81	190040207	4	ECE	KANUGULA SAICHANDRASEKHAR	K. Srichandrasekhara
82	190040208	4	ECE	KAPALAVAI SIVA NAGA VENKATA LAKSHMI RAKESH	K.S.N.V.L. Rakesh
83	190040218	4	ECE	KASIREDDY SAI KOWSHIK REDDY	K.S. Koushik Reddy
84	190040220	4	ECE	KATI KI JOHN JESSICA	K. J. Jessica
85	190040221	4	ECE	KATRAGADDA SATYA KEERTHANA	K. Satya Keethana
86	190040223	4	ECE	KATTAMURI MANI DEEP	K.M. Deep

Roll No.	Register No.	Year	Dept	Name of the Students	Signature
87	190040225	4	ECE	KEDARISETTI VENKATA SATYA SURESH	K.V.S. Suresh
88	190040232	4	ECE	KODALI VENKAT VAMSI RAM	K.V. Venkatesh
89	190040237	4	ECE	KOLAPARTHI SAIKUMAR	K. Sai Kumar
90	190040239	4	ECE	KOLUSU KRISHNA MOHAN	K.K. Mohan
91	190040243	4	ECE	KOMMANABOYINA JYOTHI KIRAN BABU	K. Jyothi Kiran Babu
92	190040245	4	ECE	KOMMULA AMRUTHA	K. Amrutha
93	190040252	4	ECE	KONISI RAMANA MURTHY	K. Ramesh Murthy
94	190040253	4	ECE	KOPPANA PAVAN SAI	K. Pavan Sai
95	190040256	4	ECE	DILEEP BABU KORA	K. Dilip
96	190040258	4	ECE	KORRAPATI GANESH PAVAN NAGASAI	K. Ganesh Pavan Nagasai
97	190040259	4	ECE	KOSURI NITHEESH	K. Nitheesh
98	190040261	4	ECE	KOTA NAVEEN KUMAR	K. Naveen Kumar
99	190040262	4	ECE	KOTA SIVA SWATHI	K. S. Swathi
100	190040267	4	ECE	KROVVIDI RAGHURAM	K. Raghuram
101	190040275	4	ECE	LAKKISETTY SAI VISHNU VARDHAN	L.S.V. Varsh
102	190040276	4	ECE	LAKSHMI DURGA ANUHYA SREERAM	L.D.A. Sreeram
103	190040281	4	ECE	LINGAMALLU MAHITHA	L. Mahitha
104	190040282	4	ECE	LOLLA SREEKAR	L. Sreekar
105	190040284	4	ECE	Mopuri KARTHIK	M. Karthik
106	190040285	4	ECE	M NIKHITHA	M. Nikhitha
107	190040287	4	ECE	MADALA NIHARIKA	M. Niharika
108	190040291	4	ECE	MADDURI NAGA VENKATA SRIRAM	M.N.V. Sriram
109	190040292	4	ECE	MADURI UDAY BHASKAR	M. Uday Bhaskar
110	190040295	4	ECE	MAHANTI VAISHNAVI	M. Vaishnavi
111	190040296	4	ECE	MAJETI BHAVYA TEJASWI	M. Bhavya Tejaswi



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112	190040298	4	ECE	MALLABATTULA NAGA DURGA RAGHU RAMESH	M.N.D. Ragu Ramesh
113	190040302	4	ECE	MAMIDI RAJA PANDU RANGA RAO	M.R.P.R. Rao
114	190040303	4	ECE	MANCHALA VENKATA NAGA SAI	M.V. Nagaraj
115	190040308	4	ECE	MANIKANTA DHULIPUDI	M. Dhulipudi
116	190040311	4	ECE	MANNE PRANEETHA	M. Praneetha
117	190040313	4	ECE	ANUSHA MANTRIPRAGADA	M. Anusha
118	190040316	4	ECE	MAREEDU RAJESH BABU	M. Rajesh Babu
119	190040321	4	ECE	MARRI VENKATA SIVA GOPI	M.V. Siva Gopi
120	190040326	4	ECE	SAHITHA MEDASANI	M. Sahitha
121	190040328	4	ECE	MEKA AJAY KIRAN	M. A. Kiran
122	190040330	4	ECE	METRA NAGA VENKATA SIVA PAVAN TEJA	M.N.V.S Pavan Teja
123	190040333	4	ECE	MOHAMMAD ARSHIA	Mohammed Arshia
124	190040335	4	ECE	MOHAMMED AAKIF	Mohammed AAKIF
125	190040337	4	ECE	MOKA RAHAMTHULLA	M. Rahamthulla
126	190040338	4	ECE	MONINGI PRIYANKA	M. Priyanka
127	190040341	4	ECE	MOTHUKURI SURYA PRAKASH	M. Surya Prakash
128	190040342	4	ECE	MUDRABOYINA GEETHIKA	M. Geethika
129	190040345	4	ECE	MULAPARTI V S K VISHAL	M.V.S.K. Vishal
130	190040346	4	ECE	MULA DIWAKAR BABU	M. Diwakar Babu

Guest Lecture In-charge
(Dr. Arjuna Muduli)

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Professor In charge

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HOD

Dr. M. SUMAN
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