

Dr. Arun Janarthanan
*PhD, CSE, University of
Cincinnati, USA*
MS, CE, USA,
BE, SVCE, Chennai



Silicon Architecture, Power, Qualcomm, Previously Intel
27013, DLF Garden City, Thazhambur
Chennai 600119

DoB 7/9/1982 (40 years) Cell: 9611354477
arun.janarth@gmail.com

- ↓ 18+ years of Academic and Industrial experience in Chip Design Product Technology, PhD from USA, Silicon Architecture with Qualcomm and previously with Intel, California.
- ↓ 100+ In person and virtual talks, IEEE conferences, Intel and Qualcomm technology conferences, 15+ Engineering colleges including premiere institutes, audience totaling 15,000 students from Tamil Nadu and all over India.
- ↓ First principles thinker, crunching all of counting to calculus to Fourier Transform in under one hour, designs DIY connecting advanced science to Origami, Music, reverse working from the Child's brain.
- ↓ In Two Years Reached 10,000 children in grades 1-12, and college across Tamil Nadu in personal capacity and through massive company's CSR.
- ↓ Born and Raised Chennai, Tanjore, father of two children 10y, 5y, fostering along with a community of 200 brilliant kids, Indian families. With Yoga, Martial Arts, Indian Music, Dance, Astronomy, and more.

↓ Youtube: <https://www.youtube.com/watch?v=bh9EkW4Ti9Q>
LinkedIn: <https://www.linkedin.com/in/arun-janarthanan-phd-607927a/>

Research Intern, Low Power Architecture – (Intel'2005)

Doctoral Candidate, University of Cincinnati – (2007)

Power Designer – (Intel'2008)

SoC Micro Architecture – (Intel'2011)

Low Power Architect – (Intel'2013)

SoC Power Architecture – (Qualcomm'2017)

Academic Affiliations - Board of Studies Member – Alumni Sri Venkateshwara College of Engineering, Anna University

Institution of Engineers India (IEI) – Distinguished Guest/Speaker

Smt. Vishaka Hari – Pride of India camp ambassador for 300+ Children

Distinguished Alumni – 20+ talks reaching 5000+ kids in Alma mater





DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING
presents

Technical talk
on
"Insights On VLSI & Embedded Systems"



Dr. Arun Janarthanan
Technology Director and Engineering Practice
Head, EdTech Business, HCL Tech
SVCE Alumnus 1999-2003 ECE Batch

DATE : 19th September 2023

VENUE: Video Hall

TIME: 1 : 30pm - 3 : 15pm

Open to ECE, EEE, and IT Students
<https://docs.google.com/for>

COORDINATORS:
Dr.D.Menaka, ASP, ECE
Ms.S.Kalyani, AP, ECE

Insights on VLSI & Embedded Systems



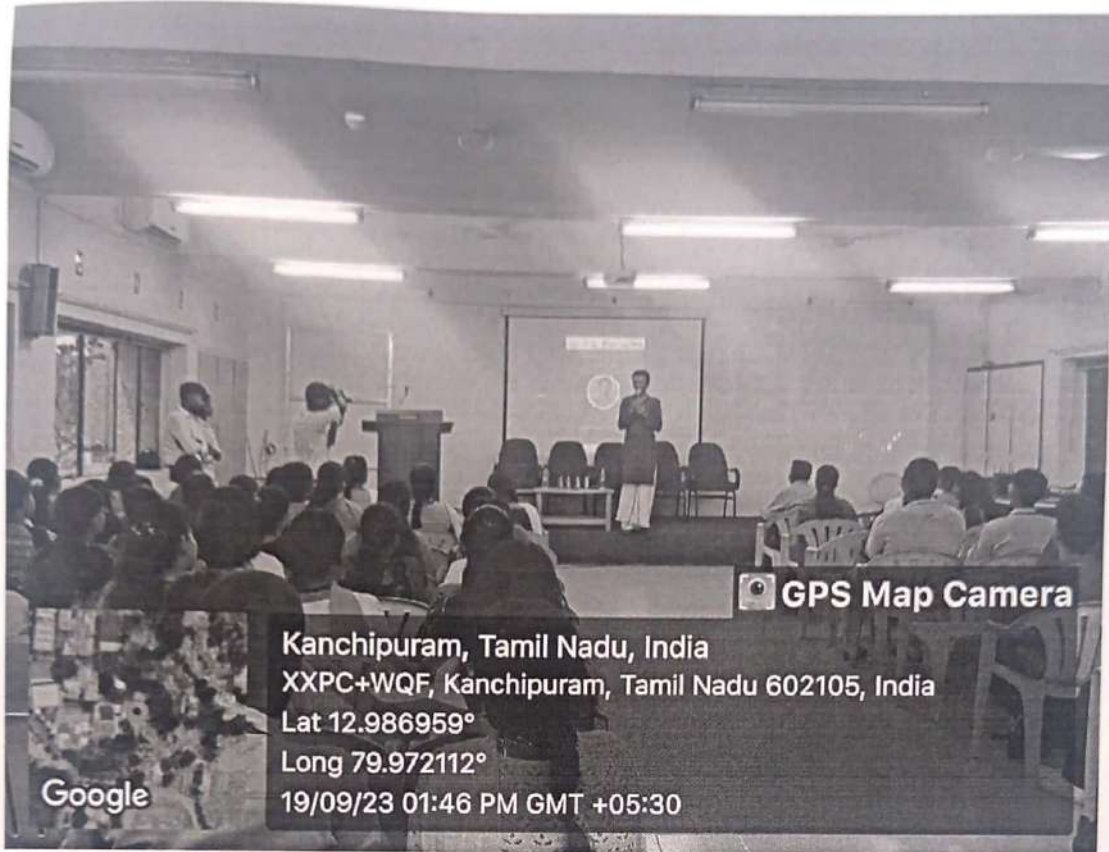
Insights on **VLSI & Embedded systems** was a highly engaging event that took place on 19th September 2023 at Video Hall, starting at 1:35 PM. The event's ambiance was set by Mr Manoj, a dynamic 2nd-year student, who skilfully served as the Master of Ceremony. The soulful prayer that followed was sung by Ms Sucharitha, a talented 2nd-year ECE student, invoking a sense of tranquillity among attendees. Ms. Magdalene Roy, a pre-final year student, welcomed the audience with enthusiasm, setting a warm and inviting tone for the proceedings.

The event gained further gravitas when **Dr. G. A. Sathish Kumar**, the esteemed **Head of the Department**, addressed the students, underlining the significance of the occasion. Ms.S.Kalyani then took the stage to introduce the chief guest, who would soon captivate the audience with an innovative and hands-on presentation. Using square sheets thoughtfully provided to each attendee, the chief guest delved into the practical applications of geometry, number systems, vectors, and line equations, shedding light on their everyday relevance in Engineer's life.

Moreover, the chief guest **Dr. Arun Janarthanan** introduced attendees to the groundbreaking teaching methodology of **Dr. T. Sundara Row**, utilizing these square sheets, thereby inspiring students to explore fundamental mathematical concepts in novel ways. The event also featured a fascinating presentation on **Phet Orbit**, an interactive simulation software, which promises to enhance understanding and imagination capacities.

Dr. D. Menaka felicitated the honourable chief guest, Dr. Arun Janarthanan, recognizing his contributions to the field. The event, attended by approximately 100 students from diverse backgrounds of ECE, EEE, and IT department which was a testament to the institution's commitment to fostering interdisciplinary learning.

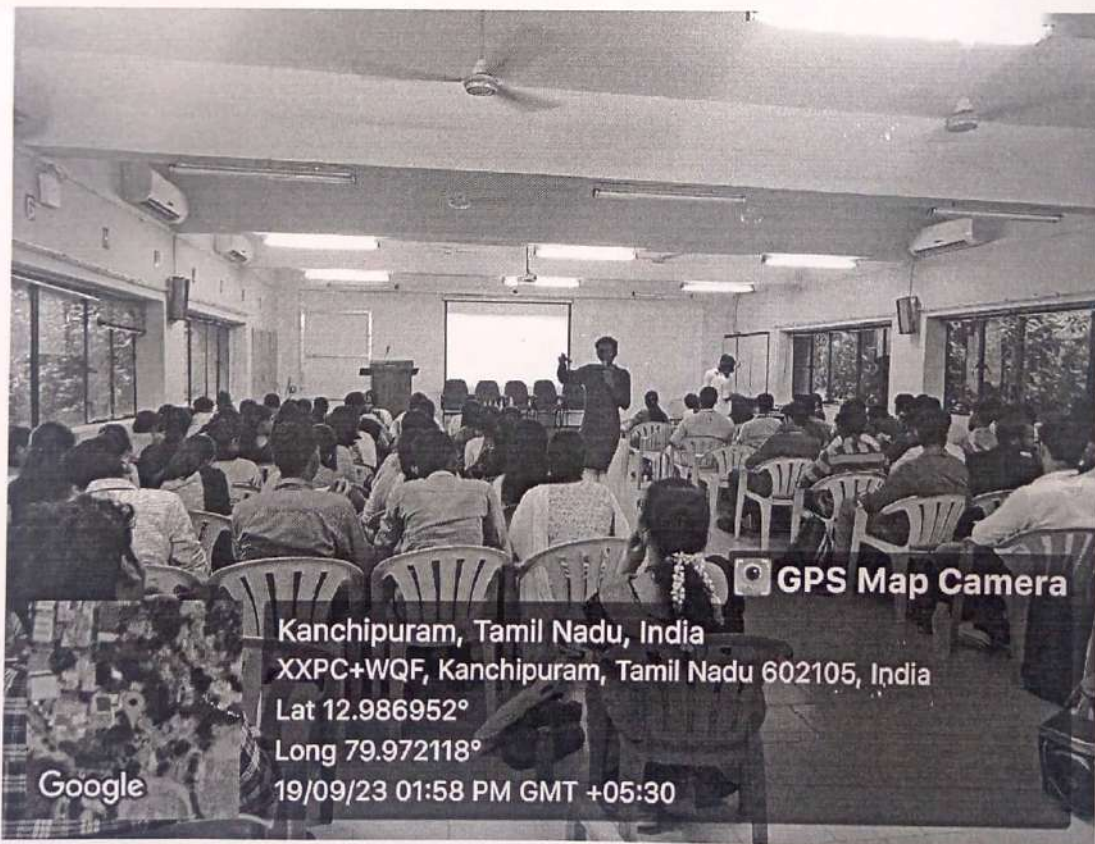
This meticulously organized event was made possible through the dedicated efforts of alumni association members working closely with faculty coordinators. It culminated with the harmonious rendition of the National anthem, leaving attendees inspired and enlightened, with a newfound appreciation for the intricate world of VLSI and Embedded Systems.



GPS Map Camera

Kanchipuram, Tamil Nadu, India
XXPC+WQF, Kanchipuram, Tamil Nadu 602105, India
Lat 12.986959°
Long 79.972112°
19/09/23 01:46 PM GMT +05:30

Google



GPS Map Camera

Kanchipuram, Tamil Nadu, India
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GPS Map Camera



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GPS Map Camera



Google

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XXPC+WQF, Kanchipuram, Tamil Nadu 602105, India
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19/09/23 01:40 PM GMT +05:30

Alumni Association Members:

1. Vishnu Priya V T
2. Anishaa S
3. Magesh S
4. Magdalene Roy R
5. Tamizharasi P M
6. ManojKumar K
7. Ramathan M
8. Sucharitha R

Alumni Association Faculty Co-ordinators:

1. Dr D Menaka
2. Ms S Kalyani


D. Menaka
S. Kalyani

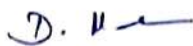
Sathish Kumar
HOD/ECE 25/8/23
(DR.G.A.SATHISH KUMAR)



SRI VENKATESWARA COLLEGE OF ENGINEERING
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT : ECE

Name of the Speaker	: DARUN JANARTHANAN
Designation	: Technology director / Engg Practice Head
Institution/University/Organisation	: EdTech Business, MCL Tech
Mobile / E-mail	: 96113 54477
Title of the Lecture	: Insights on VLSI and Embedded systems
Date	: 19/9/23
Time	: 1-30 pm - 3 pm
Venue	: Video Call
Comments by the Speaker	: Always feels great to Come back to SVCE & address the students. great learning a (from) place. —
Suggestions for improvement	:
Signature of the Speaker	: 



Signature of Coordinator


Signature of HOD

SrNo.	Name	Yr/Dept	Section	Sign
1.	Umeh Anandh S	III - ECE	'C'	Umeh Anandh S
2.	Suryaprakash S	III - ECE	'C'	Suryaprakash S
3.	Santhosh P	III - ECE	'C'	Santhosh P
4.	Ajay Kumar A.S	III - ECE	'A'	Ajay Kumar
5.	SELVABHARATHI T.P	III - ECE	'C'	T.P. Selvarathi
6.	VIGNESHKUMAR M A	III - ECE	'C'	A Vignesh Kumar
7.	Sathish A	III - ECE	'C'	A. Sathish
8.	Umesh J	III - ECE	'C'	J. Umesh
9.	Shiv Prakash A.V	III - ECE	'C'	Shiv Prakash A.V
10.	R. D. Sharan	III - ECE	'C'	R.D. Sharan
11.	P. Vivekanand	III - ECE	'C'	P. Vivekanand
12.	SUNIL KUMAR A	III - ECE	'C'	Sunil Kumar
13.	Udhaya K	III - ECE	'C'	Udhaya K
14.	Tejeshwari T.S.U	III - ECE	'C'	Tejeshwari
15.	V. Udhaya Krishnan	III - ECE	'C'	V. Udhaya
16.	B. Surya	III - ECE	'C'	B. Surya
17.	Thulasi Srinivas M	III - ECE	'C'	M. Thulasi Srinivas
18.	SRJITH B	III - ECE	'C'	SRJITH B
19.	A. Thanga Kanishkan	III - ECE	'C'	A. Thanga
20.	R. Sanjeev	III - ECE	'C'	R. Sanjeev

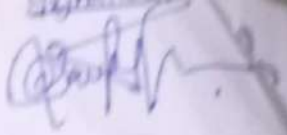
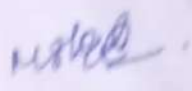
Sno	Name	Yr / Dept	Section	Sign
1	Suriya	III ECE	C	<i>Suriya</i>
2	Vignesh Menyappan L	III ECE	C	<i>Vignesh</i>
3	A. Yuvaree	III - ECE	C	<i>A. Yuvaree</i>
4	VARSHA .S	III - ECE	C	<i>Varsha</i>
5	K. SHAKTHI	III - ECE	C	<i>K. Shakthi</i>
6	P. Sharmugapriya	III - ECE	C	<i>P. Sharmugapriya</i>
7	N. SUSHITHA	III - ECE	C	<i>N. Sushitha</i>
8	S. YAZHINI .	III - ECE	'C'	<i>S. Yazhini</i>
9	SNEHA . R	III - ECE	'C'	<i>R. Sneha</i>
10	SRIVIDHYA . M	III - ECE	'C'	<i>Sruvidhya M</i>
17	A. SRINIDHI	III - ECE	'C'	<i>A. Srinidhi</i>
18	U. SASRIKA	III - ECE	C	<i>U. Sasrika</i>
19	R. J. TANYA	III - ECE	'C'	<i>R. J. Tanya</i>
20	Stephanie M. Divina	III - ECE	'C'	<i>Stephanie</i>
21	Jason Jeffrey Raj	III - ECE	'A'	<i>Jason</i>
22	Kanish Surya	III - ECE	'A'	<i>Kanish</i>
23	Jagadish K	III - ECE	'A'	<i>Jagadish</i>
24	Dhanushri - J. K.	III - ECE	'A'	<i>Dhanushri</i>
25	Aruna. B	III - ECE	'A'	<i>Aruna B</i>
26	Haripriya J	III - ECE	'A'	<i>Haripriya</i>
27	Abarajithan	III - ECE	'A'	<i>Abarajithan</i>
28	Caroline Newton	III - CSE	'A'	<i>Caroline</i>
29	Jaya Surya K	III - CSE	'A'	<i>Jaya</i>
30	Kaleeshwan	III - AUT		<i>Kaleeshwan</i>

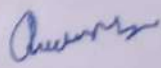
"Registered list"

Insight On VLSI And Embedded System

SIGNATURE

NAME	SIGNATURE
Punitha Kumar K	
Koushika Devi S	S. Koushika
Meenaloshini P	
R SRIDEVI	R. Sridevi
Tharun Balaji G	
Thakshith Balaji S	Thakshith Balaji S
B G Vikaash	
Kalaarasan S	S. Kalaarasan
Kavinaya Sree T	Kavinaya Sree T
Haripriya J	
Dhanshrepriya P C	
Yachini KJ	
Dinesh C	
Yogesh M	
Vimalesh TK	
ROOBUCK GANESHWARA RAO C	
EPSIYA I	I. Epsiya
Sutharsan	
VISHNU PRASATH S	
Sivaramanathan	
A Charan Kumar	A. Charan Kumar
N Nawras Ahamed	
Dhanushri J K	
ABARAJITHA M	
P subeshwar	
AJAY KUMAR A S	
Swathi Lakshmi.S	
Varshini K.K	
Deepak S	Deepak S
Aravind M	Aravind M
Srinivasan V	Srinivasan V
N Thibagaran	
Aruna B	
Sabari S	
Srinidhi K	
Bhuvan Sankar S	S. Bhuvan Sankar S
S. Sakthivel	
Abhisek N	Abhisek N
Rishi A	
S. Rudhrakumar	
A.Gogulapriya	
Robinkumar J	Robinkumar J
Jaswanth s	
Lathikaa shri	Lathikaa shri
Kiran Sekar S	Kiran Sekar S
Nithishkumar B	Nithishkumar B
Rahul A	Rahul A

S.No.	Name	Year - Dept	Section	Signature
31)	SRINIKESH G	III - EEE	'B'	
32)	SHANMUGA VELAN M	III - EEE	'B'	

Club members:		Year-Dpt	Section	Signature
1.	Magdalene Roy R	IIIrd - ECE	'B'	R. Magdalene
2.	Tamezharasi P.M	IIIrd - ECE	'C'	Tamizh
3.	Sucharithra .R	II - ECE	'C'	

TechScape 2023: Insights on VLSI and Embedded Systems

Attendance Sheet Date and Timing: 19.09.2023, 1.30pm -3.30pm

Reg No	Name	Signature
2127220701058	JASON DENNIS S	S. Jason
2127220701059	JESWIN SWINTON J	J. Jeswin
2127220701060	JOTHI MEENA M	M. Jothi
2127220701061	KANISHIKAMATHI S	S. Kanishika
2127220701062	KARTHIK KRAJA P	
2127220701063	KARTHIK BM	B. Karthik
2127220701064	KARTHIK R	R. Karthik
2127220701065	KARUNYA R	R. Karunya
2127220701066	KAVINKUMAR V	V. Kavinkumar
2127220701067	KAVYA S	S. Kavya
2127220701068	KERTHIR	R. Kertir
2127220701069	KIRUTHIKA V	
2127220701070	KISHORE S	S. Kishore
2127220701071	KRISHNA RAJ KR	K. Krishna Raj
2127220701072	KRITTIKA R	R. Kritika
2127220701073	KRTIN SRINIVAS GANESH	
2127220701074	LAKSIYA A	A. Lakshya
2127220701075	LALITH KUMAR R	R. Lalith Kumar
2127220701076	LAVANYA V	V. Lavanya
2127220701077	LEENA K	K. Leena
2127220701078	LITHICK BHAVAN.S	S. Lithick Bhavan
2127220701079	LOGESH P	P. Logesh
2127220701080	MADHUSUDHANAN K	K. Madhusudhanan
2127220701081	MAHALAKSHMI M	M. Mahalakshmi
2127220701082	MANASAVARSHINISREE.R.S	S. Manasavarsini
2127220701083	MANICKAM. M	M. Manickam
2127220701084	MANIKANDAN S	S. Manikandan
2127220701085	MANOJ KUMAR K	K. Manoj Kumar
2127220701086	MANOJKUMAR. A	
2127220701087	MANOJ KUMAR G	
2127220701088	MESHAVARSHA S	S. Meshavarsha
2127220701089	MOHAMED MARSUK M	M. Mohamed Marsuk
2127220701090	MOHAMMED KAREEMULLAH PS	P. S. Mohammed Kareemullah
2127220701091	MOHAMMED RAEF	R. Mohammed Raef
2127220701092	MUHAMMED ASLAM	M. Muhammed Aslam
2127220701093	NANDHITHA B	
2127220701094	NETHRASHREE V	V. Nethrashree
2127220701095	NIDHARSHANA A	A. Nidharshana
2127220701096	NIRANJANE SM	M. Niranjane
2127220701097	NISHANTH D	D. Nishanth
2127220701098	NITHISH V V	
2127220701099	PADMAPRIYA P	
2127220701100	PAVINA R	R. Pavina

2127220701101	PAVITHRA V	
2127220701102	PRABAKARAN R	<i>Prabhu</i>
2127220701103	PRAPANCHAN R	
2127220701104	PRASANTH G	<i>Prasanth G</i>
2127220701105	PREITHIESKUMAR. M. R	<i>Prithi</i>
2127220701106	PRITHVI RAJ S	<i>Prithvi</i>
2127220701107	PRITHVIN. P	<i>Prithvin</i>
2127220701108	PRIYANKA. T	
2127220701109	RAGUL	
2127220701110	RAJIV NATRAJ S	<i>Rajiv</i>
2127220701111	RAJKUMAR S	
2127220701112	RAMANATHAN M	<i>M. Ramanathan</i>
2127220701113	RENUKA DEVI T	<i>T. Renuka Devi</i>
2127220701114	ROHITH.S	<i>Rohith</i>
2127220701304	BRINDHA L	
2127220701305	DHANESHWARAN B	
2127220701306	GUNALAN M	

TechScope 2023: Insights on VLSI and Embedded Systems

Attendance Sheet Date and Timing: 19.09.2023, 1.30pm - 3.30pm

Reg No	Name	Signature
2127210701110	SANJEEV R	<i>[Signature]</i>
2127210701111	SANTHOSH B	
2127210701112	SANTHOSH P	<i>P. Sathap</i>
2127210701113	SASRIKA U	<i>[Signature]</i>
2127210701114	SATHISH A	<i>A. Sathish</i>
2127210701115	SELVABHARATHI T P	<i>T.P. Selva Bharathi</i>
2127210701116	SHAKTHI K	<i>K. Shakthi</i>
2127210701117	SHANMUGAPRIYA P	<i>P. Shanmugapriya</i>
2127210701118	SHARAD L	
2127210701119	SHARAN R D	<i>[Signature]</i>
2127210701120	SHIV PRAKASH A V	<i>Shiv Prakash A.V.</i>
2127210701121	SHREE SWETHA A	
2127210701122	SHRUTHI R	
2127210701123	SHYAM S	<i>[Signature]</i>
2127210701124	SIVA LAKSHMI B	
2127210701125	SNEHA R	<i>R. Sneha</i>
2127210701126	SNEKAA R	
2127210701127	SRI SANDHIYA R	
2127210701128	SRIDEVI R	<i>R. Sridevi</i>
2127210701129	SRIDHARAN M	
2127210701130	SRIJITH B	<i>[Signature]</i>
2127210701131	SRINIDHI A	<i>A. Srinidhi</i>
2127210701132	SRIVARSHINI S	
2127210701133	SRIVIDHYA M	<i>M. Srividhya</i>
2127210701134	STEFANIE M OLIVIA	<i>[Signature]</i>
2127210701135	SUBASREE S S	
2127210701136	SUJITHA N	<i>N. Sujitha</i>
2127210701137	SURYA B	<i>Surya B.</i>
2127210701138	SURYA PRAKASH S	
2127210701139	TAMIZHARASI P M	
2127210701140	TANYA R J	<i>[Signature]</i>
2127210701141	TARUN KUMAR S	
2127210701142	TEJESHWAR T S U	<i>[Signature]</i>
2127210701143	THAKSHITHBALAJI S	<i>[Signature]</i>
2127210701144	THARUN K R	
2127210701145	THIBAGARAN N	
2127210701146	THULASI SRINIVAS M	<i>[Signature]</i>
2127210701147	UDHAYA K	<i>[Signature]</i>
2127210701148	UDHAYAKRISHNAN V	<i>V. Udhayakrishnan</i>
2127210701149	UMESH ANANDH S	<i>[Signature]</i>

2127210701150	UMESH J	J. Umesh
2127210701151	VARSHA S	Varsha
2127210701152	VENKATSRI S S	
2127210701153	VIGNESH KUMAR A	A Vignesh Kumar
2127210701154	VIGNESH MEIYAPPAN L	Vignesh Meiyappan L
2127210701155	VIGNESH P	
2127210701156	VITTAL G	
2127210701157	VIVEKANAND P	P. Vivekanand
2127210701158	YAZHINI K J	
2127210701159	YAZHINI S	S. Yazhini
2127210701160	YOGESH KUMAR K	
2127210701161	YOGESWARI P	
2127210701162	YUVASRI A	A. Yuvasri
2127210701311	PRASHANTH M	M. Prashanth
2127210701312	SELVAGANESH V	
2127210701313	SUBRAMANIA SHASHANK K S	
2127210701314	SUNIL KUMAR A	Sunil Kumar A
2127210701315	SURIYA S	S. Suriya
2127210701316	THANGA KANISHKAR A	A. Thanga Kanishkar