

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

NEWS LETTER
2021-2022
ODD SEMESTER



M.KUMARASAMY
COLLEGE OF ENGINEERING

NAAC Accredited Autonomous Institution

Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 & ISO 14001:2015 Certified Institution

Thalavapalayam, Karur - 639 113.

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Mr.K.Sheikdavood

Head of the Department

Dr.S.Jegadeesan

Vision of the Institution

To emerge as a leader among the top institutions in the field of technical education.

Mission of the Institution

M1: Produce smart technocrats with empirical knowledge who can surmount the global challenges.

M2: Create a diverse, fully engaged, learner-centric campus environment to provide quality education to the students.

M3: Maintain mutually beneficial partnerships with our alumni, industry, and Professional Associations.

Vision of the Department

To empower the Electronics and Communication Engineering students with emerging technologies, professionalism, innovative research and social responsibility.

Mission of the Department

M1: Attain the academic excellence through innovative teaching learning process, research areas & laboratories and Consultancy projects.

M2: Inculcate the students in problem solving and lifelong learning ability.

M3: Provide entrepreneurial skills and leadership qualities.

M4: Render the technical knowledge and industrial skills of faculties

Program Educational Objectives (PEO)

PEO1: Core Competence: Graduates will have a successful career in academia or industry associated with Electronics and Communication Engineering.

PEO2: Professionalism: Graduates will provide feasible solutions for the challenging problems through comprehensive research and innovation in the allied areas of Electronics and Communication Engineering.

PEO3: Lifelong Learning: Graduates will contribute to the social needs through lifelong learning, practicing professional ethics and leadership quality

Program Outcomes (PO)

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSO)

PSO1: Applying knowledge in various areas, like Electronics, Communications, Signal processing, VLSI, Embedded systems etc., in the design and implementation of Engineering application.

PSO2: Able to solve complex problems in Electronics and Communication Engineering with analytical and managerial skills either independently or in team using latest hardware and software tools to fulfill the industrial expectations.

Features of our Department

- ❖ The department has a long tradition of excellence in educating, mentoring, and inspiring future technology leaders and researchers in Electronics and Communication Engineering.
- ❖ The department offers undergraduate and post graduate programs and a recognized Research Centre under Anna University where the students are involved in Industry Collaborative Research, Consultancy, and State of Art Labs which contribute to social betterment.
- ❖ Our curriculum provides a strong foundation in both the analytic and technological aspects of Electronics and Communication Engineering and explores internship opportunities in industry and world-class universities.
- ❖ The department caters to Outcome-based Education which helps our students to learn, develop, and lead lives of impact.
- ❖ Students are provided with ample opportunities to work on projects, skill development apart from regular curriculum, encourage to take part in national/international design contest/tests / quiz, to make them competitive and industry-ready.
- ❖ The major goal of the Department is to cater to the holistic development of a student with a participative Learning Environment.

PROJECT CONTEST 2021-2022 PRICE DISTRIBUTION PHOTOS AND REVIEWERS DETAILS



OTHER ACHIEVEMENTS BY STUDENTS

1. Varshayini S, II year of Electronics and Communication Engineering has participated in the event of paper presentation at Erode Sengunthar Engineering College dated on 18.07.2021.
2. Gokul .N of Electronics and Communication Engineering has participated in the event Paper Presentation at Shree Venkateshwara Hi-Tech Engineering College dated on 24.7.2021.
3. Dhanusha .R II year of Electronics and Communication Engineering has participated in the event 2021.
4. Ganiska.s II year of Electronics Paper Presentation at K.S.Rangasamy college of engineering dated on 26.07.
5. Electronics and Communication Engineering has participated in the event Paper Presentation at K.S.Rangasamy college of engineering dated on 02.08.2021.
6. Madhupriya.R II year of Electronics and Communication Engineering has participated the event of QUIZ at VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN dated on 12.08.2021.
7. S.Mohan Ram II year of Electronics and Communication Engineering has participated in the event Paper Presentation at ERODE SENGUNTHAR ENGINEERING COLLEGE dated on 24.08.2021.
8. Kowsika.S II year of Electronics and Communication Engineering has participated the event Paper Presentation at GNANAMANI COLLEGE OF TECHNOLOGY dated on 05.09.2021.
9. Logeshwaran.E of Electronics and Communication Engineering has participated in the event International Conferenece dated on 21.11 .2021.
10. M.Jeevitha II year of Electronics and Communication Engineering has participated the event Paper Presentation at VELLORE INSTITUTE OF TECHNOLOGY dated on 10.10.2021.
11. P.Achanaa of Electronics and Communication Engineering has participated in the event Technical Quiz at KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY dated on 09.12.2021.

GUEST LECTURE

❖ In 2021-22 academic year Department of ECE organized Guest lecture for Second and Third year Electronics and Communication Engineering students in different fields.

- Electromagnetic Field
- Signals and Systems
- Transmission Lines and Wave Guides
- Analog Communication
- Digital Image Processing
- VLSI Design

S.No	DATE	GESTURE TOPIC	GEUST NAME	DESIGNATION
1	10.10.2021	Alumni Webinar on PCB Design	Mr.G. KAMALNATHAN	Matter Motor Words-Ahemdebad.
2	18.9.2021	Awareness and preparedness for freshers in IT Industry	Mr.M.Mohankumar	IT ANALYST-TCS TORONTO,CANADA



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Alumni Webinar series Invites you for the Webinar on



PCB DESIGN AND POWER ELECTRONICS APPLICATIONS

Mr. KAMALANATHAN G,

[2012-2016]

Design Engineer Electronics,
Matter Motor Works,
Ahmedabad

Platform : meet.google.com/owg-rsfq-jkx

Date: 10.10.2020 & Time : 6.00-7.00 pm

Dr.K.Ramakrishnan
(Secretary)

Dr.S.Kuppusamy
(Executive Director)

Dr.N.Ramesh Babu
(Principal)

Dr.C.Vivek
(HoD/ECE)

G.Shanmugavadivel
Staff Incharge

Date:10.10.2021 Time:06.00pm to 7.00pm

Alumni Webinar on PCB Design held on 10.10.2021.



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Department of Electronics and Communication Engineering Eminence Association & IEEE COMSOC

A Webinar on

"Awareness and Preparedness for Freshers in IT Industry"

Mr.M.MOHANKUMAR

IT ANALYST-TCS
TORONTO,CANADA



Date:18.09.2021
Time:06.30 PM to 07.30 PM

Online Platform :Microsoft Teams
<https://rebrand.ly/eminence>

Dr. K. Ramakrishnan
Secretary

Dr. S. Kuppusamy
Executive Director

Dr. N. Ramesh Babu
Principal

Dr. S. Jegadeesan
HoD/ECE

Mr. G. Shanmugavadivel
Staff Coordinator

Date:18.9.2021 Time:06.30pm to 7.30pm

"Awareness and preparedness for freshers in IT Industry"

CONFERENCE ORGANIZED

Organized a Second National Conference on **SIGNAL PROCESSING AND COMMUNICATION SYSTEMS** on **16.03.2021**.

- Objective of that National Level Interdisciplinary Conference is to facilitate academicians, researchers, industrialists & UG/PG students by presenting cutting edge research issues, Challenges and latest advances in the interdisciplinary field.
- We invited unpublished research papers, articles and case studies from authors to present and exchange their insights on the recent developments in Engineering and Technology.
- Topics to be covered domain areas of Signal Processing and Communication Systems and not limited to the connecting research areas.
- Dr.R.Sakthivel Associate Professor, Department of Micro and Nano Electronics from Vellore Institute of Technology, was invited as chief guest for the inaugural function and he delivered lecture note on modern research perspectives to the participants .
- We received around **200** papers, fromthat **154** papers have been selected and presented. About 191 participants are from other state and other district colleges.
- Finally our bellowed principal Dr.N.Ramesh Babu gave the best papers awards to participants from each session during thevaledictory function.

WORKSHOP, SEMINAR ORGANIZED



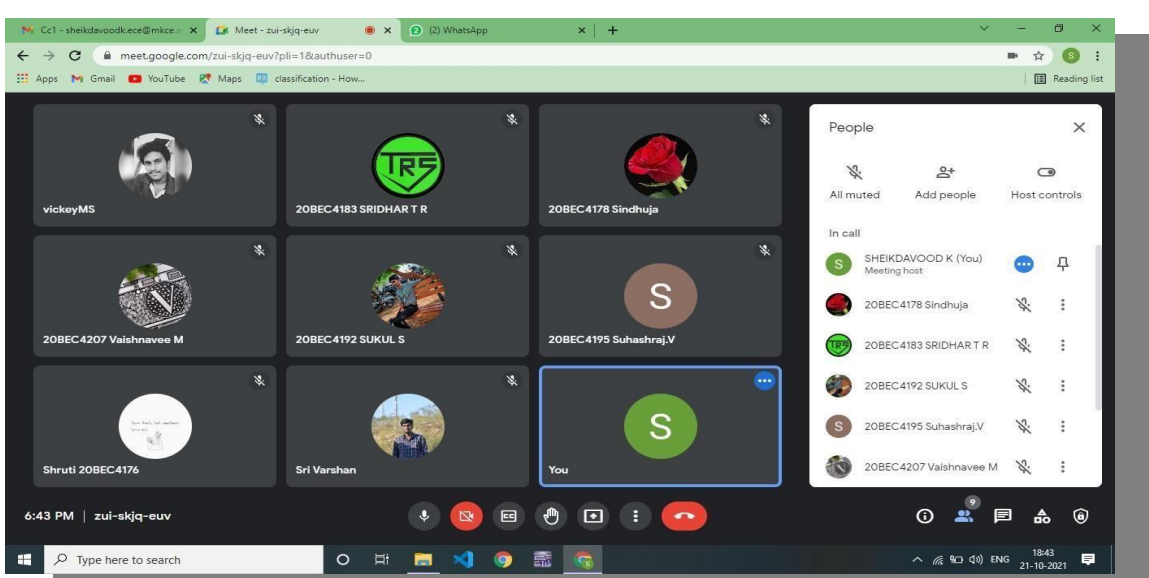
“TNSCST Sponsored National Level Seminar on Recent Trends in **IOT AND PCB DESIGN** Date: 26-08-2021”

- ❖ Department of Electronics and Communication Engineering, M.Kumarasamy College of Engineering (Autonomous), Karur organized The National level workshop on **EXPLORING PCB DESIGN PROCESS USING XPEDITION TOOL** held on 2021
- ❖ Objective of that National Level Interdisciplinary workshop is to facilitate academicians, researchers, industrialists & UG/PG students by presenting cutting edge design issues, Challenges and latest advances in the PCB field. We invited new design of recent development PCB board in Engineering and Technology.
- ❖ Topics to be covered such as symbol creation, Cell creation and part mapping. We received around 125 requests, finally 50 students from other state and other district colleges have been selected and workshop has been conducted. Finally certificates were distributed to the students after completion of workshop.

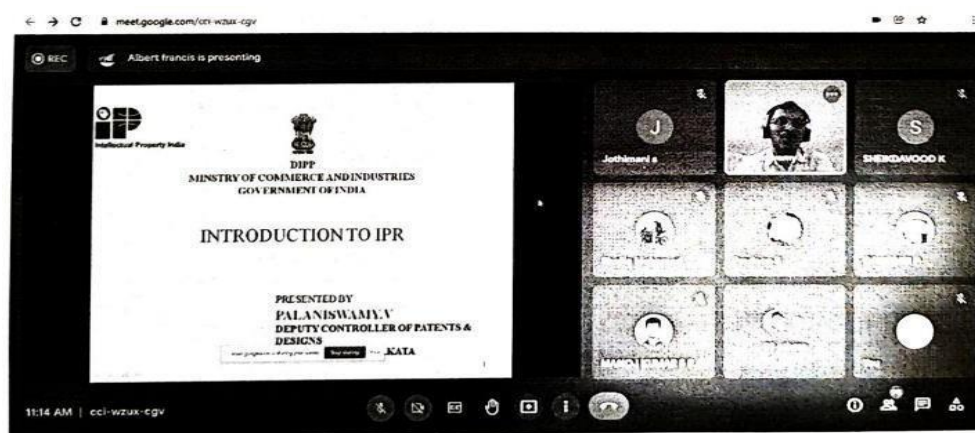
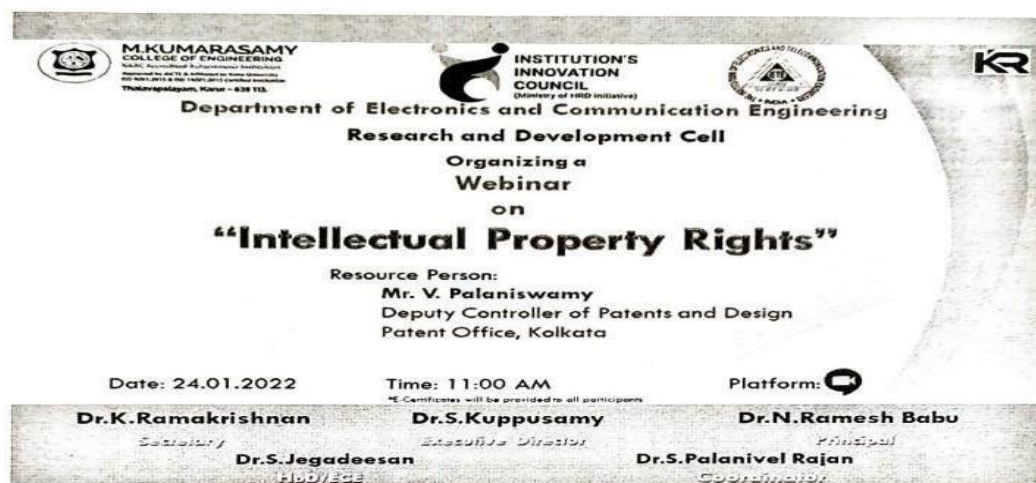


❖ One Day Seminar on Recent Trends in **“WIRELESS COMMUNICATION AND ITS APPLICATIONS”**

❖ Two Weeks Faculty Development Training Programme on **‘EC6802 – WIRELESS NETWORKS’**



ASSOCIATION EVENTS



- ❖ Eminence association and IEEE Communication Society have conducted an inaugural function and informative guest lecture on „National Webinar on Intellectual Property Rights‘Through virtual mode at M.Kumarasamy College of Engineering, Karur on 24 th Jan 2022.

- ❖ Experienced person Mr.P.Dineshkumar, Deputy Manager of Chettinad Cements, Ariyalur, presided over the function.
- ❖ Eminence association and IEEE Communication society has conducted the Guest Lecture on **“Effective Communication & Presentation Skills for Day one Job ready Engineers”** in M.Kumarasamy College of Engineering, Karur
- ❖ IETE organized an informative Guest lecture on **“INDUSTRIAL AUTOMATION”** in M.Kumarasamy College of Engineering, Karur on 27.09.2021 to second-year and thirthird-year students.
- ❖ The Industry based one credit course had conducted and 300 students participated in this event, There were 289 students who got internships by the **EDU SKILLS(CISCO)**



- ❖ The Dignified delegates of our college, Dr.S.JEGADEESAN, HoD/ECE with the Staff Coordinators are Mr.P.Ramakrishnan AHoD/ECE, Mr.K.SheikDavood, AP/ECE, and Mrs.A.Suganya AP/ECE. Ms.C.Suganya, Pre Final year ECE, Student secretary of IETE and IETE student members.



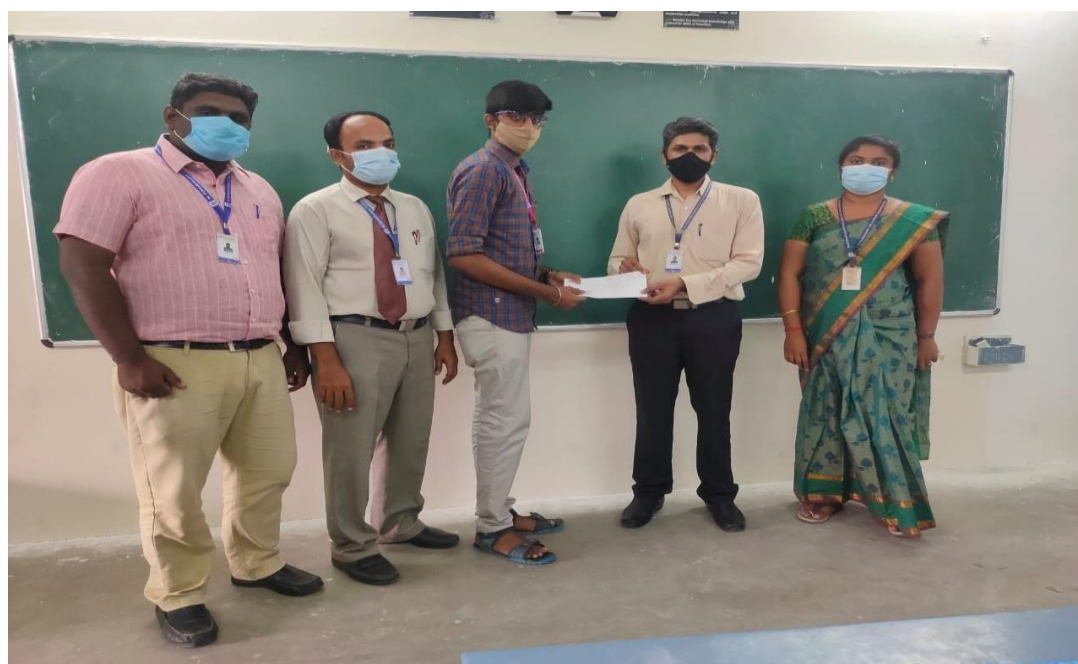
- ❖ The Event organized by the department of Electronics and Communication Engineering related to the **“WORKSHOP ON PCB DESIGNING USING XPEDITION ENTERPRISE TOOL”** in M.Kumarasamy College of Engineering, Karur.
- ❖ Eminence association and IEEE Communication society has conducted inter meet on **“FEST –O-COMM’21”** in M.Kumarasamy College of Engineering, Karur on 8th February, 2021.
- ❖ The main objective of the event is to motivate students to participate various events. To learn about IOT and raspberry pi based



EXTENSION ACTIVITY HAD HANDLED AT MOHANUR-21/07/2022



CLUB EVENTS



TIC – TECHNICAL INNOVATORS CLUB



ECO CLUB EVENT

PLACEMENT

Sr. No.	Registration/Enrollment No. of the student in your institution	Name of the Student	Organization Placed in	Salary Offered (in lakhs)
1	18BEC4002	AATHISH R	WIPRO	350004
2	18BEC4003	ABISHEK K	CTS GEN C	401988
3	18BEC4005	AJAY M	CTS GEN C,	401988
4	18BEC4006	AKHIL VARGHESE J	BOSCH	550000
5	18BEC4007	ANANDARAJ M	CTS GEN C	401988
6	18BEC4008	ANAGALA PARAMESHWARI	CTS GEN C	401988
7	18BEC4009	ANISHA P	CTS GEN C	401988
8	18BEC4010	ARCHANA M	IONIXX TECHNOLOGIES	450000
9	18BEC4011	ARULSELVAN S	CTS GEN C	401988
10	18BEC4012	AVANTHIKA T	TCS NINJA	336877
11	18BEC4013	BALASUBRAMANI A	CTS GEN C	401988
12	18BEC4014	BALASUBRAMANIYAM S	CTS GEN C	401988
13	18BEC4015	BERLIN S.N	MPHASIS	400000
14	18BEC4016	BHUVANESHWARAN R	MPHASIS	400000
15	18BEC4017	CHARANYAMEENACHIS	WIPRO	350004
16	18BEC4018	CHARLES BRITTO M	CAPGEMINI	400000
17	18BEC4020	DEEPAK A	CTS GEN C	401988

18	18BEC4022	DEEPAN D	TATA ELXSI	350000
19	18BEC4023	DEVANA DEVI A	VURAM TECHNOLOGIES	450884
20	18BEC4024	DHANUSHYA S	TCS NINJA	336877
21	18BEC4025	DHARANI S	CTS GEN C	401988
22	18BEC4026	DHAYANANTH C	MPHASIS	400000
23	18BEC4027	DINESHKUMAR K	CTS GENC	401988
24	18BEC4028	DINESH KUMAR D	CTS GEN C	401988
25	18BEC4029	DINESH P	WIPRO	350004
26	18BEC4030	DURGA SHREE N	CTS GEN C	401988
27	18BEC4031	ELAKKIYA S	TCS NINJA	336877
28	18BEC4032	GANGA DHARANI K	VURAM TECHNOLOGIES	450884
29	18BEC4033	GAYATHRI P	TCS NINJA	336877
30	18BEC4034	GAYATHRI S	WIPRO	350004
31	18BEC4035	GAYATHRI T	TCS NINJA	336877
32	18BEC4036	GEETHA R	CTS GEN C	401988
33	18BEC4038 -	GOPINATH S	CTS GEN C	401988
34	18BEC4039	GOKUL N	CTS GEN C	401988
35	18BEC4040	GOKUL R	MPHASIS	400000
36	18BEC4041	GOWSIGA S	TCS NINJA	336877
37	18BEC4042	GOWSIKAA S	CTS GEN C	401988
38	18BEC4043	GOWTHAM K	TCS NINJA	336877

39	18BEC4044	HAMSAVENI S.G	BOSCH	550000
40	18BEC4045	HARI PRANESH C	ZOHO	560000
41	18BEC4046	HARI PRASATH S	CAPGEMINI	400000
42	18BEC4047	HARIGOKUL R	CTS GEN C	401988
43	18BEC4048	HARISH L	VERZEO	400000
44	18BEC4049	HEMALATHA B	BOSCH	550000
45	18BEC4052	INDUMATHI P	CTS GEN C	401988
46	18BEC4053	JANANI S	WIPRO	350004
47	18BEC4054	JEEVA D	WIPRO	350004
48	18BEC4055	JEEVITHA M	CTS GEN C	401988
49	18BEC4056	JITHENDRA KUMAR M	IONIXX TECHNOLOGIES	450000
50	18BEC4057	JOHNSON S	CTS GEN C	401988
51	18BEC4058	KANISHKA S	CTS GEN C	401988
52	18BEC4059	KANNAN G	MPHASIS	400000
53	18BEC4060	KANNAN V	HARMAN KARDAN	500000
54	18BEC4061	KANIMOZHI N	CTS GEN C	401988
55	18BEC4062	KARISHMA G	CTS GEN C	401988
56	18BEC4063	KARNESHKUMAR M	IBM	425000
57	18BEC4064	KARTHEESWARI V	TCS NINJA	336877
58	18BEC4065	KARTHIKEYAN P	CTS GEN C	401988
59	18BEC4066	KARTHIKEYAN S	MOTHERSONS	177900

60	18BEC4067	KARTHIKEYAN S	MPHASIS	400000
61	18BEC4069	KAVIN KUMAR	WIPRO	350004
62	18BEC4070	KAVIN PRASATH S	MOTHERSONS	177900
63	18BEC4071	KAVIN RAJ S	MOTHERSONS	177900
64	18BEC4072	KAVITHA S	CTS GEN C	401988
65	18BEC4074	KAVYA G	CTS GEN C	401988
66	18BEC4075	KEERTHANA M	TCS NINJA	336877
67	18BEC4077	KISHANTH S	CTS GEN C	401988
68	18BEC4078	KISHOR A	IONIXX TECHNOLOGIES	450000
69	18BEC4079	KOWSIKA S	TCS NINJA	336877
70	18BEC4080	KRISHNA KUMAR E	CTS GEN C	401988
71	18BEC4092	MOHAMMED ARSATH A	CTS GEN C	401988
72	18BEC4093	MOHAMED NEHALUDEEN N	TCS NINJA	336877
73	18BEC4094	MONIKA M	CTS GEN C	401988
74	18BEC4095	MOTHILAL P	CTS GEN C	401988
75	18BEC4096	MUGESH M	CTS GEN C	401988
76	18BEC4097	MUKESH KARAN M	TCS DIGITAL	700022
77	18BEC4098	MURALI J	MUSIGMA	750000
78	18BEC4099	MUTHUKUMAR B	BOSCH	550000
79	18BEC4107	NAVEEN V	CTS GEN C	401988
80	18BEC4108	NAVEENA R	CTS GEN C	401988
81	18BEC4109	NAVEENKUMAR M	CTS GEN C	401988
82	18BEC4110	NAVIN M	BOSCH	550000

83	18BEC4107	NAVEEN V	CTS GEN C	401988
84	18BEC4108	NAVEENA R	CTS GEN C	401988
85	18BEC4109	NAVEENKUMAR M	CTS GEN C	401988
86	18BEC4110	NAVIN M	BOSCH	550000
87	18BEC4155	SHATHISHKUMAR M	CTS GEN C	401988
88	18BEC4156	SHREE SUBA B	CTS GEN C	401988
89	18BEC4157	SHRIVARSHAN R V	CTS GEN C	401988
90	18BEC4166	SRINATH S	CTS GEN C	401988