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### MECHAZINE



DEPARTMENT OF MECHANICAL ENGINEERING





#### **MESSAGES**



I am happy to note that the Mechanical Department of our college is releasing the Annual magazine MECHAZINE - 2K18 and also planning to bring out the souvenir.

Apart from achieving excellence in academis and sharpening intellectual potential, it is important for students to develop leaderships skills and capacity to innovate for social causes, to make them resourceful and employable.

I Congratulate the organizers, faculty and the students of Mechanical Department for their initiative and Enthusiasm in releasing the prestigious magazine and wish them all sucess.

Dr.R.Vasanthakumar Chairman & Managing Trustee Karpagam Educational Institutions



Its gives me immense pleasure to note that the Department of Mechanical Engineering is releasing the MECHAZINE - 2K18 with the objective of providing a platform to share, discuss and to exchange the views on exciting themes. At this juncture, I congratulate the organizers for their efforts in bringing out the souvenir.

I wish good luck and extent my warm patronage to all those who are have contributed their best to bring out the souvenir in good shape. I wish them all success

Shri.K.Murugiah Chief Executive Officer Karpagam Educational Institutions



It gives an immense pleasure in extending my hearty greetings to the staff and students of Mechanical Engineering Department for their efforts in releasing MECHAZINE - 2K18

I wish that this magazine stand as a stage to prove everyone's extracurricular skills and provide an opportunity and a platform for the young Engineers to know the current trends in the field of Mechanical Engineering

Dr.P.Vijayakumar,
Principal,
Karpagam College of Engineering



I take at most pleasure to state that our Department is releasing MECHAZINE -2K18. The magazine is mainly **aimed** at exploring the student's Knowledge and bringing out their creative talents in a new platform to widen their career opportunities.

I congratulate and thank all the staff members and students who have put their untiring efforts to bring out their souvenir and wish them all success.

Dr.C.Krishnaraj, HOD/MECH Karpagam College of Engineering

#### ABOUT THE DEPARTMENT

Department of Mechanical Engineering was established in the year 2000 during the inception of the college and is one of the prime departments of our college and offers a 4 year B.E programme in Mechanical Engineering. The department of Mechanical Engineering has a dynamic team of faculty and supporting staff members.

Department of Mechanical Engineering is continuously striving to achieve excellence in academic and industry oriented research along with consultancy work offering service to the society. We aim to provide our students a perfect blend of intellectual and practical exposure that helps them to serve our society and address a variety of needs of the society.

Our curriculum is designed to cover the requirements of a wide range of industries from Aerospace, Manufacturing, Defense, Space, Construction process, Nano Engineering, Energy, Environment, Transportation and Nuclear Engineering etc. by using State-of-the art software packages like Pro-E, Solid Works, ANSYS, CATIA, IDEAS, MASTER CAM, CADEM and other simulation softwares.

On completion of the degree, our students are prepared for entry-level work as a Mechanical Engineer in industry as well as for higher education where a fundamental engineering background constitutes a desirable foundation. Academic course work and project works offered at the end of the course are designed to endow students with the ability to apply knowledge of Science, Mathematics, and Engineering, and the capability to work effectively in multidisciplinary teams, providing leadership and to utilize technical expertise.

With a solid fundamentals in the principles and practice of Mechanical Engineering, our students are also trained in ethical approaches towards Engineering, with a concern for society and the environment. Department aptly makes use of the technical facility of the workshop in teaching and in setting up of in-house experimental set-ups. Workshops and conferences cater to the needs of intra and inter departments of the College in terms of enhancing the career. Our students are well placed in leading industries as well as in the higher research level institutions of international recognition.

Workshops and conferences cater to the needs of intra and inter departments of the College in terms of enhancing the career. Our students are well placed in leading industries as well as in the higher research level institutions of international recognition.

#### **Vision**

To enable the students excel in a high - value career, higher education and research, in the field of Mechanical engineering through innovative teaching and learning methodologies, to meet the needs of the industry and to be a part of the advancing technological revolution.

#### Mission

- 1) Imparting quality education to the students to meet the global challenges in the field of Mechanical Engineering.
- 2) Enriching their knowledge by providing the Research and Development opportunities.
- 3) Inculcating self-confidence for being a sucessful Entrepreneur.

#### **Courses Offered**

- · B.E. Mechanical Engineering
- · M.E, Mechatronics
- · Ph.D Mechanical Engineering

#### Lab Facilities

- · CAD LAB
- · CAM LAB
- · Strength of Material LAB
- Metrology Lab
- · Dynamics Lab
- Mechatronics Lab
- · Thermal Engineering Lab 1
- · Thermal Engineering Lab 2
- · Fluid Mechanics Lab
- · Engineering practices Lab
- · Production Process lab
- · Manufacturing technology lab
- . Fabrication Lab

#### Programme Educational Objectives

PEO1:Graduates will be able to comprehend mathematics, science, engineering fundamentals, laboratory and work- based experiences to formulate and solve problems in the domain and shall develop proficiency in the computer - based engineering and the use of computational tools.

PEO2: Graduates will be equipped to communicate and engage in team-based work on the multidisciplinary engineering projects and will practice the ethics of their profession.

PEO3: Graduates will recognize the importance of self learning and engage in continuous independent learning to become experts either as an entrepreneur or an employees in the field.

#### **ASSOCIATION DETAILS**

| S.NO. | Names of the Student | Class | Designation     |
|-------|----------------------|-------|-----------------|
| 1.    | AKARSH.P.S           | IV-A  | President       |
| 2.    | RAJAGOPAL.K          | IV-B  | Vice President  |
| 3.    | SARAVANAN.M          | IV-C  | Secretary       |
| 4.    | NIVED DEVADAS        | III-B | Joint Secretary |
| 5.    | VISHNU.N             | III-A | Treasurer       |
| 6.    | MUTHU                | II-B  | Joint Treasurer |

#### **KCE ECO CARE CLUB**

Faculty coordinator : DR.P.SURESH, DEAN/Mechanical Engineering

Faculty co-coordinator: MR.N.SUBRAMANI, Mechanical Engineering

KCE Eco Care Club has been formed in the academic year of 2012-13, aiming at a team of people who are intrested in the preservation of Environment .The teams efforts are directed to formulate innovative and exciting idea through effective brainstroming interactions. The overall objective is to enable each and every individual to positively think about the Environment and carry out exciting activities that can preserve our Environment in an eco-friendly manner.

# PLACEMENT DETAILS



### PLACEMENT DETAILS

| S.NO | ROLL NO | NAME               | COMPANY PLACED            |
|------|---------|--------------------|---------------------------|
| 1    | 14M101  | ADITHYA KUMAR.R.S  | ADROIT                    |
| 2    | 14M102  | ADITHYA RISHIKESH  | STELLAR PLASTICS          |
| 3    | 14M104  | ARUN KUMAR.K       | IDBI                      |
| 4    | 14M105  | ARUN KUMAR.R       | JAI KRISHNA               |
| 5    | 14M106  | BALAMURUGAN.N      | ADROIT                    |
| 6    | 14M107  | BARATHKANNAN.M     | ADROIT                    |
| 7    | 14M111  | DINAKAR.M          | ADROIT                    |
| 8    | 14M112  | GOBI SHANKAR.K.K.J | ADROIT                    |
| 9    | 14M113  | GOKULAKRISHNAN.T   | LEITWIND                  |
| 10   | 14M114  | HARIHARAN.R        | HINDUJA GLOBAL SOLUTTIONS |
| 11   | 14M118  | KAMAL RAJ.D        | LEITWIND                  |
| 12   | 14M119  | KARTHICK.B         | JAI KRISHNA               |
| 13   | 14M120  | KARTHICK.P         | STELLAR PLASTICS          |
| 14   | 14M121  | KARTHIKEYAN.S      | STELLAR PLASTICS          |
| 15   | 14M122  | KAVIN KUMAR.G      | LEITWIND                  |
| 16   | 14M123  | KIRAN JOHNSON      | JAI KRISHNA               |
| 17   | 14M126  | MADHAVAKANNAN.K    | St. John Groups           |
| 18   | 14M130  | MITHRAN.V.G        | St. John Groups           |
| 19   | 14M131  | MOHAN RAJJU M      | JAI KRISHNA               |
| 20   | 14M132  | MUTHURAJA S        | INFOSYS                   |

| 22 | 14M140 | PURATCHIBHARATHI   | HINDUJA GLOBAL SOLUTTIONS |
|----|--------|--------------------|---------------------------|
| 23 |        | RAMAKRISHNAN M     | STELLAR PLASTICS          |
| 24 |        | RUBESH KUMAR S     | STELLAR PLASTICS          |
| 25 |        | SABARISH E         | LEITWIND                  |
| 26 |        | SANJAY RAGHUL E    | St. John Groups           |
| 27 |        | SARAVANAPRABHU B   | LEITWIND                  |
| 28 |        | SATHEESHKUMAR G    | LEITWIND                  |
| 29 |        | SRI HARI PRASATH P | JC ALLOYS                 |
| 30 |        | SRI KANNAN S       | HINDUJA GLOBAL SOLUTTIONS |
|    |        |                    |                           |
| 31 |        | SUJITH KUMAR S     | LEITWIND                  |
| 32 |        | AJITHKUMAR A       | JAI KRISHNA               |
| 33 |        | ARUNKUMAR S        | IDBI                      |
| 34 |        | BARATH KUMAR P K   | BEST Engineering PUMPS    |
| 35 |        | BHUVANESH S        | BEST Engineering PUMPS    |
| 36 | 14M207 | DAYANANTH D        | HINDUJA GLOBAL SOLUTTIONS |
| 37 | 14M208 | DHINESHKUMAR R     | STELLAR PLASTICS          |
| 38 | 14M209 | DINESHWARAN R      | ADROIT                    |
| 39 | 14M210 | ELANGOVAN M        | ADROIT                    |
| 40 | 14M211 | GOPINATH K S       | LEITWIND                  |
| 41 | 14M212 | GOWTHAMKRISHNA R   | ADROIT                    |
| 42 | 14M213 | HARIKUMAR S        | IDBI                      |
| 43 | 14M214 | JAYARAM SINGH K S  | IDBI                      |
| 44 | 14M215 | KALAIYARASAN A     | JAI KRISHNA               |
| 45 | 14M216 | KALAIYARASAN K     | HINDUJA GLOBAL SOLUTTIONS |
| 46 | 14M217 | KAMALAKKANNAN S    | IDBI                      |
| 47 | 14M218 | KARTHIK P NATH     | STELLAR PLASTICS          |
| 48 | 14M220 | KESAVAN A          | HINDUJA GLOBAL SOLUTTIONS |
| 49 | 14M221 | KRISHNA R          | STELLAR PLASTICS          |
| 50 | 14M222 | MADHANKUMAR D      | HINDUJA GLOBAL SOLUTTIONS |
| 51 | 14M223 | MAHFOOZ G          | LEITWIND                  |
| 52 | 14M227 | MOHANASUNDARAM V   | ADROIT                    |
| 53 | 14M228 | MOHAN KUMAR        | ADROIT                    |
| 54 | 14M233 | PRABU K            | BEST Engineering PUMPS    |
| 55 | 14M234 | PRAVEEN V          | IDBI                      |
| 56 | 14M235 | RAGHURAM V K       | IDBI                      |
| 57 | 14M236 | RAGUL KRISHNAN M   | STELLAR PLASTICS          |
| 58 | 14M237 | RAMESH KUMAR T     | JC ALLOYS                 |
| 59 | 14M240 | SABARISH KUMAR B   | ADROIT                    |

| 60 | 14M241 | SANJAY R             | St. John Groups             |
|----|--------|----------------------|-----------------------------|
| 61 |        | SIVABALAJI S         |                             |
| 62 |        | SRIBALAJI S          | St. John Groups JAI KRISHNA |
| 63 |        |                      |                             |
|    |        | SUDHARSAN K          | STELLAR PLASTICS            |
| 64 |        | TAMIL SELVAN C       | JAI KRISHNA                 |
| 65 | 14M250 | THENNARASAN R        | ADROIT                      |
| 66 |        | AJITH KUMAR.N        | ADROIT                      |
| 67 |        | ANAND.K              | ADROIT                      |
| 68 |        | ARUN PRITHIVI. S     | ADROIT                      |
| 69 |        | ASHOKKUMAR. R        | JAI KRISHNA                 |
| 70 |        | BHARATH. S           | HINDUJA GLOBAL SOLUTTIONS   |
| 71 |        | BHARATH. S           | JAI KRISHNA                 |
| 72 |        | CHANDRAPRAKASH.V     | IDBI                        |
| 73 |        | DEEPAN SABARINATH. M | IDBI                        |
| 74 |        | DILIPCHOWDARY, C     | IDBI                        |
| 75 | 14M311 | ELAVARASAN           | ADROIT                      |
| 76 |        | HARI HARAN. V. P     | LEITWIND                    |
|    |        | JEEVA PRASANTH       | MOUNTBLUE                   |
| 78 |        | KALIMUTHU .R         | JAI KRISHNA                 |
| 79 | 14M316 | KAMESH               | St. John Groups             |
| 80 | 14M316 | KAMESH. S            | JAI KRISHNA                 |
| 81 | 14M317 | KARTHI. M            | MOUNTBLUE                   |
| 82 | 14M320 | KIRUBHAKARAN         | St. John Groups             |
| 83 | 14M321 | KRISHNA KANTH. P     | LEITWIND                    |
| 84 | 14M325 | MATHIVANAN. V        | St. John Groups             |
| 85 | 14M326 | MAYAKRISHNAN. C      | MOUNTBLUE                   |
| 86 | 14M332 | NAVEEN               | St. John Groups             |
| 87 | 14M333 | PRABHU BALAJI        | St. John Groups             |
| 88 | 14M337 | RAGUL                | STELLAR PLASTICS            |
| 89 | 14M339 | RANJITH KUMAR. R     | ADROIT                      |
| 90 | 14M339 | RANJITH KUMAR. R     | JC ALLOYS                   |
| 91 | 14M340 | RAVINDRAN            | St. John Groups             |
| 92 | 14M340 | RAVINDRAN.R          | JC ALLOYS                   |
| 93 | 14M341 | SAISANKAR.S          | STELLAR PLASTICS            |
| 94 | 14M343 | SARAVANA KUMAR S     | ADROIT                      |
| 95 | 14M343 | SARAVANA KUMAR. G    | JC ALLOYS                   |

| 96  | 14M344 | SHYAM SUNDAR.K    | JC ALLOYS                 |
|-----|--------|-------------------|---------------------------|
|     |        |                   |                           |
| 97  |        | SIVANANDHAN.J     | JC ALLOYS                 |
| 98  |        | SREE SABARISH.D   | St. John Groups           |
| 99  | 14M347 | SRIRAM.B          | BEST Engineering PUMPS    |
| 100 | 14M348 | SRIRAM J          | ADROIT                    |
| 101 |        | SUDHARSAN.M       | TORRYHARRIS               |
| 102 | 14M350 | TAMILKUMARAN.S    | HINDUJA GLOBAL SOLUTTIONS |
| 103 | 14M352 | VENGADESH         | ADROIT                    |
| 104 | 14M354 | RAVINDHRAN R      | JC ALLOYS                 |
| 105 | 15M501 | ABINESH.A         | LEITWIND                  |
| 106 | 15M502 | B.AJITH           | HINDUJA GLOBAL SOLUTTIONS |
| 107 | 15M503 | ELANGOVAN.G       | JC ALLOYS                 |
| 108 | 15M504 | JESTIN POULOSE    | JC ALLOYS                 |
| 109 | 15M505 | KALIDAS           | HINDUJA GLOBAL SOLUTTIONS |
| 110 | 15M506 | KARTHIK. P        | ADROIT                    |
| 111 | 15M508 | K.RAMESH          | HINDUJA GLOBAL SOLUTTIONS |
| 112 | 15M509 | S.SUTHAKAR        | BEST Engineering PUMPS    |
| 113 | 15M510 | VENKATESH.S       | BEST Engineering PUMPS    |
| 114 | 15M511 | R.VIBIN           | JC ALLOYS                 |
| 115 | 15M602 | R.VIBIN           | JC ALLOYS                 |
| 116 | 15M603 | V.GOPALAKRISHNAN  | STELLAR PLASTICS          |
| 117 | 15M604 | G.HARI BASKAR     | HINDUJA GLOBAL SOLUTTIONS |
| 118 | 15M605 | J.HARIHARN        | STELLAR PLASTICS          |
| 119 | 15M606 | R.HARIHARAN       | IDBI                      |
| 120 | 15M607 | N.JAGANADHAN      | IDBI                      |
| 121 | 15M608 | R. JAYASEELAN     | LEITWIND                  |
| 122 | 15M610 | V.KRISHNA KUMAR   | IDBI                      |
| 123 | 15M612 | NIVED DEVADAS     | STELLAR PLASTICS          |
| 124 | 15M615 | N.SURYA           | LEITWIND                  |
| 125 | 15M617 | V.VINOD           | MOUNTBLUE                 |
| 126 | 15M702 | AMBRISH           | BEST Engineering PUMPS    |
| 127 | 15M703 | ARUN. J           | STELLAR PLASTICS          |
| 128 | 15M704 | AVINASH. K        | JC ALLOYS                 |
| 129 | 15M705 | JAYAPAL V         | STELLAR PLASTICS          |
| 130 |        | KAUSHIK P         | IDBI                      |
| 131 | 15M707 | MAHESH KUMAR. S   | STELLAR PLASTICS          |
| 132 |        | MASIL PUSHPARAJ K | IDBI                      |
|     |        |                   |                           |



# STUDENTS ACHIVEMENTS

#### LIST OF INTERNSHIP DURING THE ACADEMIC YEAR 2017-2018

| S.No       | Roll No      | Student Name         | Industry Name   | Duration                 |
|------------|--------------|----------------------|-----------------|--------------------------|
| 1          | 1.43.4100    | IZ ' D ' A           | CDI D           | 12/03/2018 to End of the |
| 1.         | 14M122       | Kavin Raj A          | CRI Pumps       | Semester                 |
| 2.         | 14M135       | Prakash Raj          | CDI Dumps       | 19/03/2018 to End of the |
| ۷.         | 14101133     | Frakasii Kaj         | CRI Pumps       | Semester                 |
| 3.         | 15M701       | Akshay Raj. C.H      | CRI Pumps       | 20/03/2018 to End of the |
| <i>J</i> . | 13111701     | 7 Kishay Kaj. C.11   | CKI I umps      | Semester                 |
| 4.         | 14M133       | Nandha Kumar A       | CRI Pumps       | 21/03/2018 to End of the |
| ''         | 1411133      | Trandia Ixamai 71    | CRI I umps      | Semester                 |
| 5.         | 14M226       | Mohamed Arif M       | CRI Pumps       | 22/03/2018 to End of the |
|            | 1 1111220    | Trionamed Thir Ivi   | era rumps       | Semester                 |
| 6.         | 14M102       | Adithya Rishikesh    | CRI Pumps       | 23/03/2018 to End of the |
| 0.         | 1411102      | Aditilya Kishikesh   | CKI I unips     | Semester                 |
| 7.         | 14M239       | Ranjith Kumar Ps     | MRP Industires  | 07/03/2018 to End of the |
| 7.         | 14111239     | Kanjith Kumai 1 s    | WINI Industries | Semester                 |
| 8.         | 14M349       | Tamil Kumaran S      | AQUASAB         | 14/03/2018 to End of the |
| 0.         | 14101349     | Tallili Kullialali S | AQUASAB         | Semester                 |
| 9.         | 14M204       | Ashik U              | Indo Shell      | 28/02/2018 to End of the |
| <i>)</i> . | 14111204     | ASIIIK U             | muo shen        | Semester                 |
| 10.        | 14M205       | Barath Kumar P K     | Indo Shell      | 28/02/2018 to End of the |
| 10.        | 14111203     |                      | nido Silen      | Semester                 |
| 11.        | 14M228       | Mohankumar M         | Indo Shell      | 28/02/2018 to End of the |
| 11.        | 14101228     | Wionankumai Wi       | Ilido Sileli    | Semester                 |
| 12.        | 14M146       | Sanjay Raghul E      | Indo Shell      | 28/02/2018 to End of the |
| 12.        | 14111140     | Sanjay Kagnui E      | muo snen        | Semester                 |
| 13.        | 15M510       | Venkatesh.S          | Indo Shell      | 28/02/2018 to End of the |
| 13.        | 15101510     | V CHRAICSH.S         | muo snen        | Semester                 |
| 14.        | 14M207       | Davananth D          | Indo Chall      | 28/02/2018 to End of the |
| 14.        | 14101207     | Dayananth D          | Indo Shell      | Semester                 |
| 15.        | 14M215       | Voloivorocon A       | Indo Shell      | 28/02/2018 to End of the |
| 13.        | 14101213     | Kalaiyarasan A       | muo snen        | Semester                 |
| 16.        | 15M616       | L.Thamarai Kannan    | Indo Shell      | 28/02/2018 to End of the |
| 10.        | 13111010     | L. Hamarai Kamian    | muo snen        | Semester                 |
| 17.        | 1414142      | Doion I              | CDI Dumas       | 20/02/2018 to End of the |
| 1/.        | 14M142       | Rajan L              | CRI Pumps       | Semester                 |
| 10         | 141/140      | Dungtahihharathi     | CDI Dumes       | 20/02/2018 to End of the |
| 18.        | 14M140       | Puratchibharathi     | CRI Pumps       | Semester                 |
| 10         | 1414124      | Voyaials C           | CDI Dumes       | 20/02/2018 to End of the |
| 19.        | 19.   14M124 | 4 Kowsick.S          | CRI Pumps       | Semester                 |

| 20. | 14M342      | Sankaran S                       | CRI Pumps                    | 20/02/2018 to End of the |
|-----|-------------|----------------------------------|------------------------------|--------------------------|
|     |             |                                  | 1                            | Semester                 |
| 21. | 15M711      | Praveen                          | CRI Pumps                    | 20/02/2018 to End of the |
|     | 101/1/11    | 110,001                          | CTG T WILLPS                 | Semester                 |
| 22. | 14M354      | Vimal Raj                        | CRI Pumps                    | 20/02/2018 to End of the |
|     | 1 11/155 1  | v mar ruj                        | era rumps                    | Semester                 |
| 23. | 14M115      | Harish.V                         | CRI Pumps                    | 20/02/2018 to End of the |
|     | 1 11/1115   | Turion. v                        | Cru rumps                    | Semester                 |
| 24. | 14M121      | Karthikeyan.S                    | CRI Pumps                    | 20/02/2018 to End of the |
|     | 1 1141121   | Turinke yun.5                    | Cru r umps                   | Semester                 |
| 25. | 14M144      | Rubesh Kumar S                   | CRI Pumps                    | 20/02/2018 to End of the |
| 23. | 171/1177    | Rubesh Rumai 5                   | CKI Tumps                    | Semester                 |
| 26. | 14M345      | Sivanandhan                      | Aadhira CNC Products         | 05/02/2018 to End of the |
| 20. | 14101343    | Sivananunan                      | Addilla CNC Floducts         | Semester                 |
| 27. | 14M347      | Sriram                           | Aadhira CNC Products         | 05/02/2018 to End of the |
| 27. | 14101347    | Siliani                          | Addilira CNC Products        | Semester                 |
| 20  | 1.41/1202   | A 1 IZ                           | A - district CNIC Due de etc | 05/02/2018 to End of the |
| 28. | 14M302      | Anand.K                          | Aadhira CNC Products         | Semester                 |
| 20  | 1 43 4011   | Elavarasan P                     | Addroit                      | 05/02/2018 to End of the |
| 29. | 14M311      |                                  |                              | Semester                 |
| 20  | 151501      | Hari Baskar G                    | Unimech Industries           | 05-02-2018 TO End of the |
| 30. | 15M604      |                                  |                              | Semester                 |
| 21  | 153.5710    |                                  |                              | 01-02-2018 TO End of the |
| 31. | 15M713      | Ragupathi B Aradhana Enterprises |                              | Semester                 |
| 22  | 1 41 42 1 1 | P.Elavarasan                     | Advoit Automation India      | 22-01-2018 TO 30-04-2018 |
| 32. | 14M311      |                                  | Private Limited              | 22-01-2018 10 30-04-2018 |
| 22  | 1.43.4000   | M II I D                         | T : TZ : 1                   | 03-01-2018 TO End of the |
| 33. | 14M222      | Madhankumar D                    | Jai Krishna Automotives      | Semester                 |
| 2.4 | 1.43.6711   | D. H. D. D                       | CDI D                        | 25/12/2017 to End of the |
| 34. | 14M711      | Prithiv Raj P                    | CRI Pumps                    | Semester                 |
| 2.5 | 1 13 5010   |                                  |                              | 25/12/2017 to End of the |
| 35. | 14M319      | Karthi M                         | Zen Corps                    | Semester                 |
| 26  | 1.43.50.50  | T. 1                             | Jayachandran Alloys          | 25-12-2017 TO End of the |
| 36. | 14M352      | Venkatesan.S                     | Private Limited              | Semester                 |
|     | 4 43        |                                  |                              | 19-12-2017 TO End of the |
| 37. | 14M316      | S.Kamesh                         | Sakthi Gear Products         | Semester                 |
| 2.0 |             |                                  |                              | 19-12-2017 TO End of the |
| 38. | 14M320      | Kirubhakar.A                     | Sakthi Gear Products         | Semester                 |
| _   |             |                                  |                              | 19-12-2017 TO End of the |
| 39. | 14M325      | Mathivanan.V                     | Sakthi Gear Products         | Semester Semester        |
|     |             | 4M332 Naveen.S                   | Sakthi Gear Products         | 19-12-2017 TO End of the |
| 40. | 14M332      |                                  |                              | Semester Semester        |
|     |             | 1                                | 27110000                     |                          |

| 41.        | 14M333    | Prabhu Balaji.V       | Sakthi Gear Products    | 19-12-2017 TO End of the           |
|------------|-----------|-----------------------|-------------------------|------------------------------------|
|            |           | 3                     |                         | Semester                           |
| 42.        | 14M337    | Raghul.V              | Sakthi Gear Products    | 19-12-2017 TO End of the           |
|            |           |                       |                         | Semester 10.12.0017.FIG. F. J. G.1 |
| 43.        | 14M340    | Ravindran,R           | Sakthi Gear Products    | 19-12-2017 TO End of the           |
|            |           |                       |                         | Semester                           |
| 44.        | 14M341    | Saisankar.S           | Sakthi Gear Products    | 19-12-2017 TO End of the           |
|            |           |                       |                         | Semester                           |
| 45.        | 14M351    | Narendran B           | Eltech Technologies     | 19-12-2017 TO 18-01-2018           |
| 46.        | 15M707    | Mahesh Kumar S        | Eltech Technologies     | 19-12-2017 TO 18-01-2018           |
| 47.        | 14M221    | Kaviraj M             | AC Alloys               | 16/12/2017 to End of the           |
| .,.        | 17111221  | Tavitaj ivi           | Tie Tilloys             | Semester                           |
| 48.        | 15M606    | Navannetha Krishnan   | AC Alloys               | 16/12/2017 to End of the           |
| 10.        | 15111000  | Tvavaimetha Krisiman  | re riioys               | Semester                           |
| 49.        | 14M209    | Dineshwaran R         | TNPL                    | 06-12-2017 TO 05-01-2018           |
| 50.        | 14M228    | Mohan Kumar M         | TNPL                    | 06-12-2017 TO 05-01-2018           |
| 51.        | 14M233    | Prabhu K              | TNPL                    | 06-12-2017 TO 05-01-2018           |
| 52.        | 15M606    | Hariharan R           | TNPL                    | 06-12-2017 TO 05-01-2018           |
| 53.        | 15M706    | Kaushik P             | ACC Cement Factory      | 05-12-2017 TO 05-02-2018           |
| 54.        | 14M355    | Yokesh Ram M          | ACC Cement Factory      | 04-12-2017 TO 04-02-2018           |
| 55.        | 14M248    | Sumanth KB            | NTPL                    | 04-12-2017 TO 03-01-2018           |
| 56.        | 14M223    | Mahfooz G             | NTPL                    | 04-12-2017 TO 03-01-2018           |
| 57.        | 14M212    | Gowtham Krishna       | NTPL                    | 04-12-2017 TO 03-01-2018           |
| 58.        | 14M152    | Suganth KB            | NTPL                    | 04-12-2017 TO 03-01-2018           |
| 59.        | 14M150    | Sri Kannan            | NTPL                    | 04-12-2017 TO 03-01-2018           |
| 60.        | 14M153    | Sujith Kumar S        | NTPL                    | 04-12-2017 TO 03-01-2018           |
| 61.        | 15M615    | Surya N               | Ashok Leyland           | 01-12-2017 TO 30-12-2017           |
| 62.        | 14M225    | Mathew Emmanuvel      | ELGI Equipments Ltd     | 01-12-2017 TO 28-02-2018           |
| 63.        | 14M231    | Navanneethakrishnan B | ELGI Equipments Ltd     | 01-12-2017 TO 28-02-2018           |
| <i>C</i> 4 | 1.41/1027 | Daniel Versen T       | Rane Brake Lining       | 20 11 2017 TO 20 12 2017           |
| 64.        | 14M237    | Ramesh Kumar T        | Limited                 | 30-11-2017 TO 29-12-2017           |
| 65.        | 14M314    | Jeeva Prasanth Rc     | Mount Blue Technologies | 27-11-2017 TO 12-02-2018           |
| 66.        | 14M307    | Chandraprakash V      | Engine Factory, HVF     | 27-11-2017 TO 02-12-2017           |
| 00.        | 14101307  | Chandraprakash v      | Estate                  | 27-11-2017 10 02-12-2017           |
| 67.        | 14M203    | Arun Kumar S          | ABT Industries Limited  | 27-11-2017 TO 27-12-2017           |
| 68.        | 14M203    | Kesavan A             | ABT Industries Limited  | 27-11-2017 TO 27-12-2017           |
| 69.        | 14M238    | Ranjith Kumar Ps      | ABT Industries Limited  | 27-11-2017 TO 27-12-2017           |
| 70.        | 14M322    | Kumaresan T           | ELGI Equipments Ltd     | 13-11-2017 TO 13-12-2017           |
| 71.        | 15M702    | Ambhrigh C            | Best Engineers Pumps    | 01-11-2017 to End of the           |
| /1.        | 13W1/UZ   | Ambbrish S            |                         | Semester                           |
| 72.        | 15M501    | Abinesh S             | Shanti Castings         | To be Joined on May 2018           |
| 73.        | 15M509    | Vengadesh S           | Shanti Castings         | To be Joined on May 2018           |

#### LIST OF INPLANT TRAINING DURING THE ACADEMIC YEAR 2017-2018

| S.No | Roll No | Students Name     | Industry Name                  | Duration                    |
|------|---------|-------------------|--------------------------------|-----------------------------|
| 1.   | 16M606  | Jayasurya T       | Indo Shell Cast Pvt Ltd        | 02/05/18 to<br>31/05/18     |
| 2.   | 16M616  | Santhosh Kumar K  | Indo Shell Cast Pvt Ltd        | 02/05/18 to<br>31/05/18     |
| 3.   | 16M602  | Balakrishnan R    | Indo Shell Cast Pvt Ltd        | 02/05/18 to 31/05/18        |
| 4.   | 15M236  | Raghavan P        | Erbatech Machinery Pvt.Ltd.    | 07/05/2018 to 06/06/2018    |
| 5.   | 15M204  | Akilan P          | Erbatech Machinery Pvt.Ltd.    | 07/05/2018 to 06/06/2018    |
| 6.   | 15M224  | Mahentharan P     | Erbatech Machinery Pvt.Ltd.    | 07/05/2018 to 06/06/2018    |
| 7.   | 15M249  | Tamilmani K       | Erbatech Machinery Pvt.Ltd.    | 07/05/2018 to 06/06/2018    |
| 8.   | 16M241  | Ramanisankar V    | Precimech Engineering          | 07/05/2018 to<br>11/05/2018 |
| 9.   | 16M249  | SharanPrasadh T   | Precimech Engineering          | 07/05/2018 to<br>11/05/2018 |
| 10.  | 15M143  | Sathish T         | Roots Industries India Limited | 10/05/2018 to<br>16/05/2018 |
| 11.  | 16M511  | Navaneethakumar S | Roots Industries India Limited | 10/05/2018 to<br>16/05/2018 |
| 12.  | 15M133  | Prithuviraj S     | Roots Industries India Limited | 10/05/2018 to<br>16/05/2018 |
| 13.  | 15M112  | Dhivakar P        | Roots Industries India Limited | 10/05/2018 to<br>16/05/2018 |
| 14.  | 16M208  | Britt J Roy       | Salem Steel Plant              | 17/05/2018 to 23/05/2018    |
| 15.  | 16M210  | Dhanasekar S      | Salem Steel Plant              | 17/05/2018 to 23/05/2018    |
| 16.  | 16M217  | Harissh Kumar E   | Salem Steel Plant              | 17/05/2018 to 23/05/2018    |
| 17.  | 16M236  | Naveen R          | Salem Steel Plant              | 17/05/2018 to 23/05/2018    |
| 18.  | 16M239  | Ragul G           | Salem Steel Plant              | 17/05/2018 to 23/05/2018    |

| 19.        | 16M248    | Salva Dalaniyal Dajan V. I              | Salem Steel Plant             | 17/05/2018 to |
|------------|-----------|---|-------------------------------|---------------|
| 19.        | 10101246  | SelvaPalanivelRajan K L                 | Salem Steel Flant             | 23/05/2018    |
| 20.        | 15M217    | 217 Jithin V Santhi Casting Work        |                               | 20/05/18 to   |
| 20.        | 13111217  | Julii v                                 | Builtin Custing Works         | 31/05/18      |
| 21.        | 15M207    | Balaji K                                | Santhi Casting Works          | 20/05/18 to   |
|            |           | 2 41491 11                              | Summing World                 | 31/05/18      |
| 22.        | 15M240    | Revanth R                               | Santhi Casting Works          | 20/05/18 to   |
|            |           |   | _                             | 31/05/18      |
| 23.        | 16M255    | Viveck Arvind M                         | Seshasayee Paper and Boards   | 29/05/2018 to |
|            |           | , | Limited,Pallipalayam          | 02/06/2018    |
| 24.        | 16M614    | Naveen Kumar S J                        | Krishna Plastics              | 13/04/18 to   |
|            |           |   | THISMIN THUSES                | 15/05/18      |
| 25.        | 16M613    | Nandhakumar R                           | CK Airtech Private Limited    | 20/04/2018 to |
| 20.        | 101/1013  |   |                               | 31/05/2018    |
| 26.        | 15M224    | Sathishkumar G                          | CK Airtech Private Limited    | 20/04/2018 to |
| 20.        |           |   |                               | 31/05/2018    |
| 27.        | 15M205    | Arjun A                                 | Cochin Shipyard Limited       | 15/01/18 to   |
| 27.        | 1311203   |   |                               | 16/01/18      |
| 28.        | 14M319    | Kavin Kumar. A                          | Motherson Automotive          | 06/11/2017 to |
| 20.        | 1 11/1317 | Tavin Ranar. 11                         | Technologies And Engineering  | 24/11/2017    |
| 29.        | 15M208    | BharathKumar.C                          | Bhuvaneshwari Industries      | 15/11/2017 to |
| 27.        | 1311200   | Bharath Kumar.C                         | Dia valiesii wari maasties    | 20/11/2017    |
| 30.        | 15M218    | M218 Kabilan.A                          | Bhuvaneshwari Industries      | 15/11/2017 to |
| 50.        | 13111210  | Kaonan./X                               | Bhuvaneshwari muustres        | 20/11/2017    |
| 21         | 153.6010  | TZ 1 '1 A                               | Ministry of Skill Development | 31/08/2017 to |
| 31.        | 15M218    | Kabilan.A                               | And Entrepreneurship          | End of the    |
|            |           |   |                               | Semester      |
| 32.        | 16M51/    | 6M514 Renold Augustine                  | Southern Railways             | 05/06/17 to   |
| 54.        | 101/1314  |   |                               | 10/06/17      |
| 33.        | 15M126    | Monish P                                | Ashok Leyland                 | 26/06/17 to   |
| 55.   15WI | 13141140  | MONISH P                                |                               | 01/07/17      |

# SUPRA









உலகம் நேர்மாறான உணர்வுகளைக் கொண்டது.....!! உயிரோட்டமான இசையைக் கேட்டு நம்மை உறைய வைக்கும் சிலநேரம்... உறைந்து போயிருக்கும் அழகுச்சிலைகளைக் கண்டு உயிரைக் கொடுக்கும் சிலநேரம்..... ஆனால்.. புரிந்து கொள்வோம் இது ஒரு எடுத்துக்காட்டு மட்டுமே என்று..... காніск. м (16M607)

I'm always idle because of you..!!
You are now busy because of her..!!
Other thoughts of mine are empty
due to your thoughts..!!

But your thoughts are always filled with her..!!

-incompatible one side love GOWTHAM.M 17M704

நமக்குத் தெரிந்த காதல் क्रबीळकुक्बनां क्रुं क्रांके की न्यां के கொண்டாடும் தருணத்தில்.... பூத்துக்குலுங்கும் அவள் காதல் கதை கவிதைகளாய் அவளுள்ளே மட்டும் भ्रवामुक्टि भ्रवामुक्टि क्रियामु

AVINASH.P.A

GODWIN.J 16M309

# You are the interrogative

reason behind my happiness and worries..!

Comfort and discomfort..!

Fullness and emptiness..!

Yess...you are my wholesomeness ever..!!!!!

### White Noise

In all the world There's nothing like The sound of falling snow—

The only noise
I've ever known
That makes the clocks move slow;

The only sound
That sweeps away
The din of city streets;

And wraps around, In soft embrace, 'Most everyone it meets;

A sound that's not A sound at all— A quiet, soft and dear,

That comforts all
The sleepy souls
Who sit, and watch, and hear.

HARISSH KUMAR.E 16M217



### DINAKAR.M The Destruction of Society 14M111

A problem that has reached its pinnacle in modern society is global warming, which society perpetuates by continuing to release chemicals and gases into the earth's atmosphere. Global warming has caused our ozone layer to deteriorate and our earth's water levels to rise. In the future, this can cause major floods and destroy the world as we now know it. To solve this problem, humans need to change the way we live and how we treat our planet. If this problem is not solved, it will lead to destruction and chaos. Each day, humans try to find a way to slow global warming. Humans address this problem by being more careful about what they throw away and learning how to keep the Earth safe. In Equilibrium, John Preston attempts to assassinate Father by seeking help from the Resistance while trying not to keep his newfound emotions hidden. In V for Vendetta, V attempts to overthrow the Fascist Norsefire Regime by blowing up Parliament no matter what the cost. In 1984, everyone is aware that they are being watched by Big Brother and know that they are surviving thanks to him. Global warming is a problem that must be

solved by everyone in the world; otherwise, it will lead mankind to their demise.

വാന്റ്റ്കേത്രക

மண் அறித்தின் உலகம் மகிழீத்தது வர்த்தத்த அயித்தை அடியுவத் Bantan ri नामकृष् त्वित्वे कुपिष्टि वृत्यकाष्ट्रण कृष्ये भूषिष मिलाइने प्रकार केन्द्रिक प्रमाया मूला केन्द्रिक प्रकारी कियेयेगालक व्यक्तिक क्रिक्षेये किया हिन्दि ത്രത്തെൻ നുപര് വുമ്മത്തിയ क्षेत्रभीतिक व्यक्रमी शिनकुष किळ्य **ENUMPORM** मकलिए व्यक्षिक श्रक्षेक्षेष्ठक्का त्राक्रमात्र कार्ष्ट्रका புகிகை ക്രയ്യയാന OB மிக்குள் திமை சிலந்தியது தீமையை வெறுத்தென் சமைக்கமும் சூழ்ந்தது क्रिक्रिक् भीकाम मिळाळाकू ७ कळीं masting montrode भुगुत्रका இழந்ததன் ் சுகுர்பை கழ்க்கு ச உலகத்தை நமியிக்கான் ं व्यक्षण्याक्षक प्रतान व 2 whoma . കൃത്യന്ത് കിമ്മിവുവാഥ मित्रिया मित्र യുശ്രമുപയി ഗുത്ത

- भ्राम्य प्रक्राह, क्ट-

வானத்தை நிலவு விட்டுச் சென்ற வேலையில் வானம் நிலவை எங்கே என்று தேடியிருந்ததே தவிர...நிலவுவரும் வேலையில் விட்டுச் செல்லவில்லை.... மாறாக பாதுகாப்பாய் சூழ்ந்தே நின்றது..பெரும்பரப்பு கொண்ட இயற்கையே விட்டுக்கொடுத்து நேசிக்கையில்...மனிதன் மட்டும் யற்கையில் விதிவிலக்கானான்!!!!

### Paper Battery

#### MASIL PUSHPARAJ.K 15M708

#### **Abstract**

The Batteries form a significant part of many electronic devices. Typical electrochemical batteries or cells convert chemical energy into electrical energy. Batteries based on the charging ability are classified into primary and secondary cells. Secondary cells are widely used because of their rechargeable nature. Presently, battery takes up a huge amount of space and contributes to a large part of the device's weight. There is strong recent interest in ultrathin, flexible, safe energy storage devices to meet the various design and power needs of modern gadgets. New research suggests that carbon nanotubes may eventually provide the best hope of implementing the flexible batteries which can shrink our gadgets even more. The paper batteries could meet the energy demands of the next generation gadgets. A paper battery is flexible, ultra-thin energy storage and production device formed by combining carbon nanotubes with a conventional sheet of cellulose based paper. A paper battery acts as both a high-energy battery and super capacitor, combining two components that are separate in traditional electronics. This combination allows the battery to provide both long-term, steady power production and bursts of energy. Nontoxic, flexible paper batteries have the potential to power the next generation of electronics, medical devices and hybrid vehicles, allowing for radical new designs and medical technologies.

#### **QUOTES**

Try to give importance to others feeling who convey their problems to you, If you face this kind of situation in your life what happens think and respect feelings

I love you more than my relationship with you
I can't express you how much I wish your life with me
I love you to smile I express you to be my life as my wife

I trust to depth only my loving ones
But I just get hurt deep only by loving ones

I am different to understand but not difficult to handle

Being my friend I need love and care ever Becoming your friend I make you smile and happy ever

Never ever be fever to your failure Try ever give fear to your failure

Love me at first sight I smile at last sight

Beware of you not to let your success tomorrow Prepare for your smile to let your love life beautiful

Loving you is not act of joke

Even I can act as joker to make you smile

U are the love of others heart with care of life to live,
If I can I replace u with my heart to care u with my love of life to live

KAUSHIK.P 15M706



# NSS ACTIVITIES











# NSS-CLINIC CAMP







### NSS CAMP @ AVALANCHI







### NSS MEDICAL CAMP



#### NSS - SAPLING PLANTATION











# INDUSTRIAL VISIT





# NSS-CLINIC CAMP







#### NSS CAMP @ AVALANCHI







### NSS MEDICAL CAMP



#### NSS - SAPLING PLANTATION











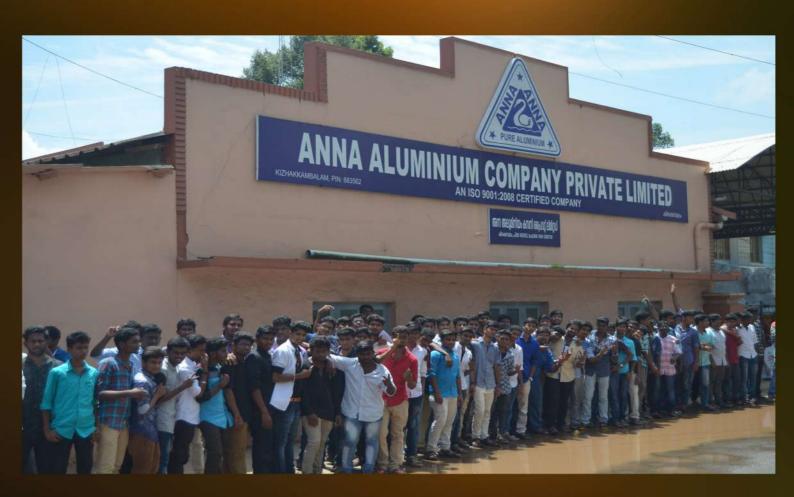
# INDUSTRIAL VISIT





# INDUSTRIAL VISIT -2K18





#### COLLEGE CULTURAL FEST





# DHRUVA-2K18





# DHRUVA -2K18





# DHRUVA-2K18







#### KISHOREKUMAR. K.S 17M320





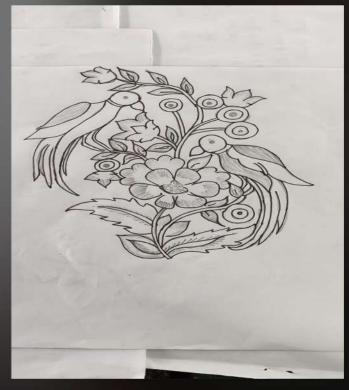


# SARATH KUMAR . S 17M136









# GODWIN . J 16M309







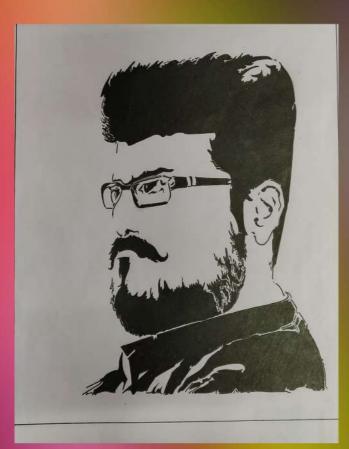
#### KOKULAKRISHNAN. R 17M120

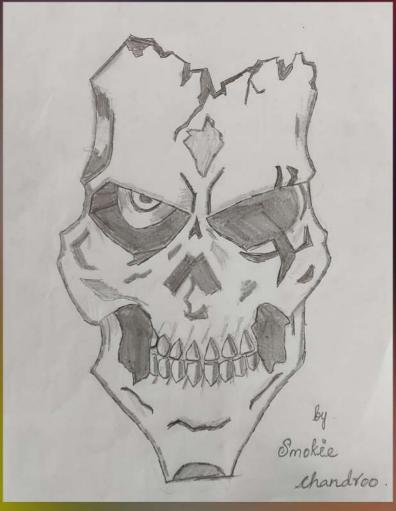






#### KARTHICKRAJ (17M217)

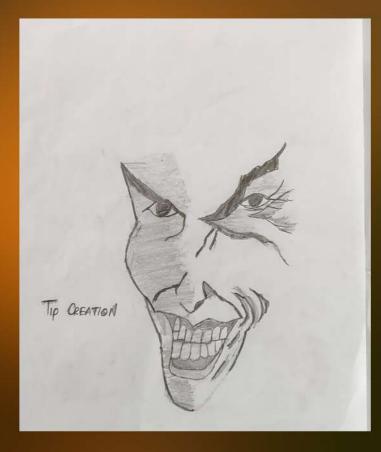


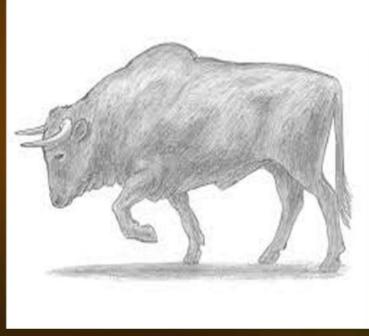




#### MUTHUVEL. V 16M326







#### ARAVIND RAJ. G 17M304







# SAM JERIN 17M613



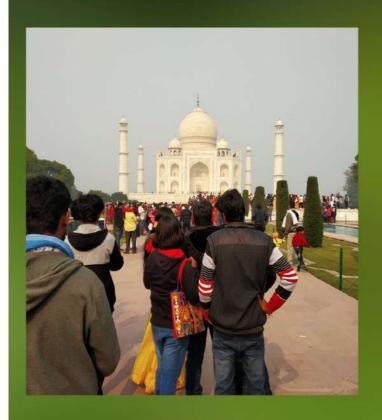








#### GODWIN.J 16M309







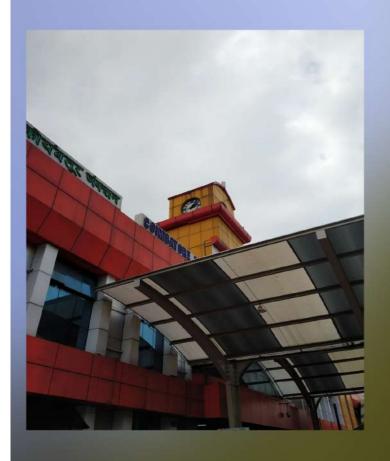
#### NAVEEN.R 16M236







#### HARISSH KUMAR.E 16M217



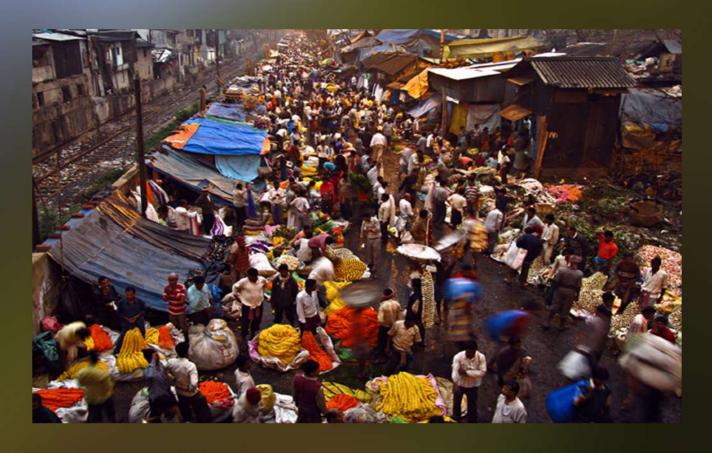




# HARIHARAN 17M214







### EZHANCHELIYAN 17M210







# VASANTH 17M247







# KARPAGAM COLLEGE OF ENGINEERING COIMBATORE-32 B.E. MECHANICAL-A 2014-2018 BATCH





# KARPAGAM COLLEGE OF ENGINEERING COMBATORE-32

B.E. MECHANICAL-B 2014-2018 BATCH





# KARPAGAM COLLEGE OF ENGINEERING COIMBATORE-32 B.E. MECHANICAL-C 2014-2018 BATCH



