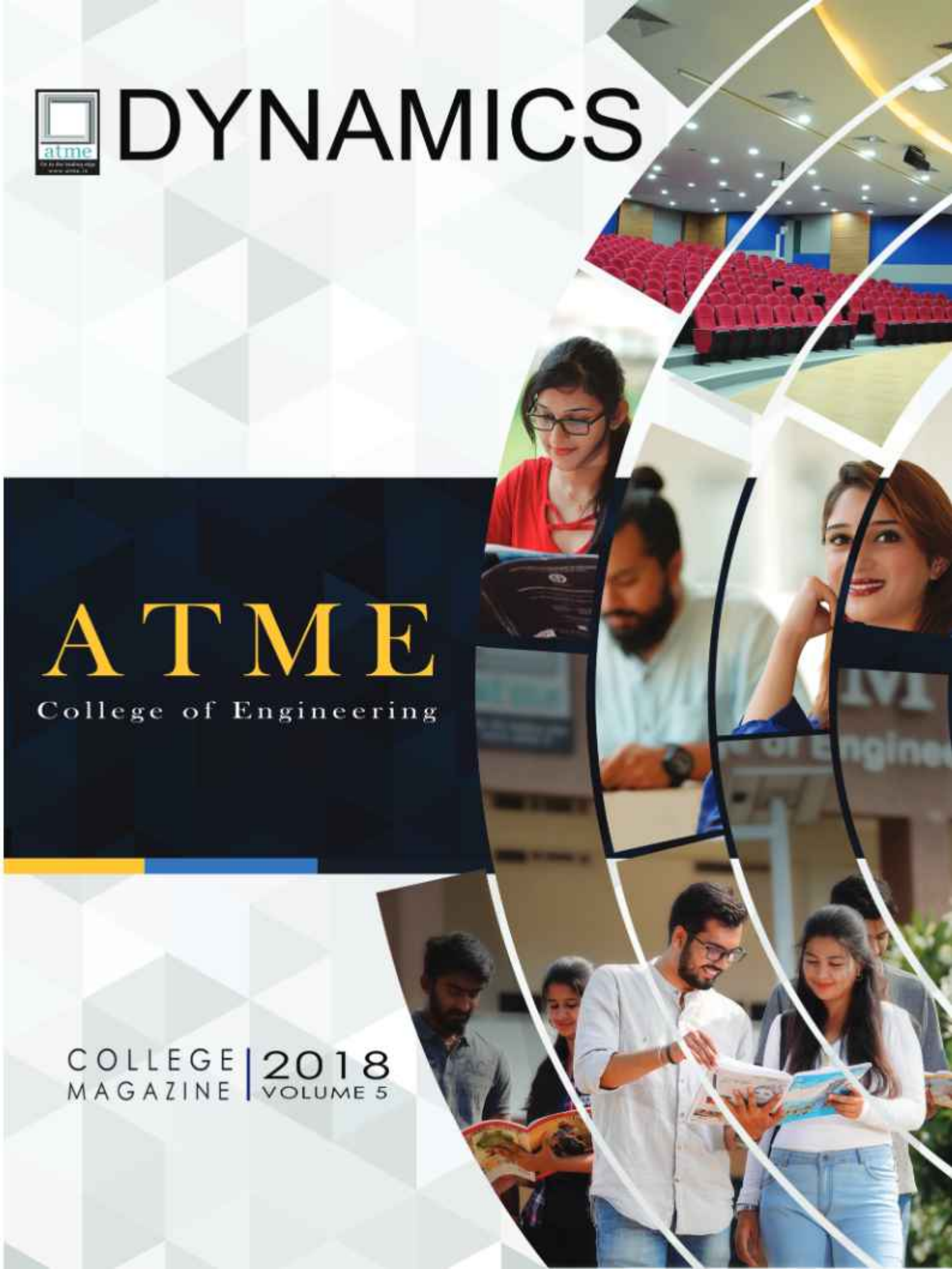
DYNAMICS



ATME

College of Engineering

COLLEGE MAGAZINE | 2018 VOLUME 5

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Udupi Ramachandra Roa

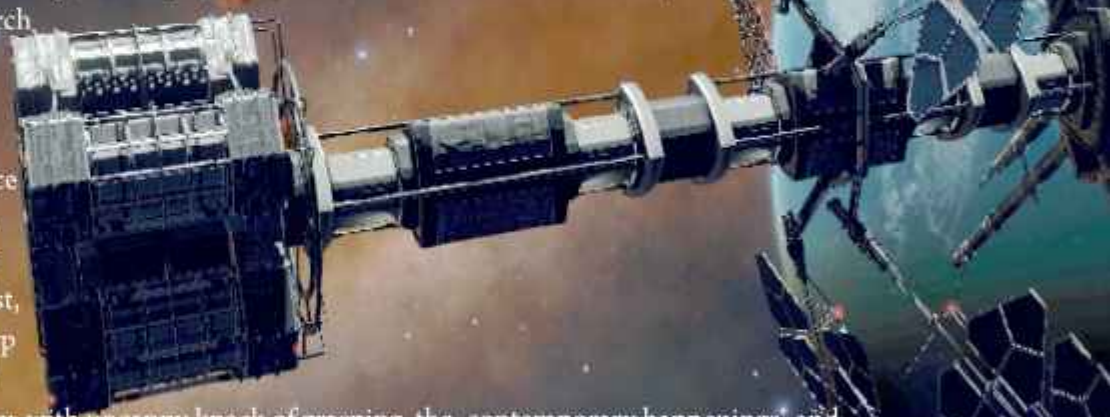
1923 - 2017

Udupi Ramachandra Rao
(March 1932-July 2017)
Father Of Indian Satellite Programme

Udupi Ramachandra Rao (10th Mar 1932-24th Jul 2017) was a space scientist and chairman of the Indian Space Research Organisation. He was also the Chairman of the Governing Council of the Physical Research Laboratory at Ahmedabad and Nehru Planetarium at Bengaluru and chancellor of the Indian Institute for Space Science and Technology (IIST) at Thiruvananthapuram.

Rao was awarded the Padma Bhushan by the Government of India in 1976, and Padma Vibhushan in 2017. He was inducted into the Satellite Hall of Fame, Washington, on 19th March 2013 at a ceremony organised by the Society of Satellite Professionals International. With this he became the first Indian to be inducted. He was also to be inducted in International Astronautics Federation (IAF) as on 15th May 2016. He was also the first Indian again to achieve such a feat.UR Rao died on 24th July 2017.

U R Rao was born at Adamaru in the state of Karnataka. His parents were Lakshminarayana Acharya and Krishnaveni Amma. He had his primary education at Adamaru. He completed his secondary education from Christian High School, Udupi. He completed his B Sc in Government Arts Science College, Anantpur, M Sc from Banaras Hindu University and Ph D at Physical Research Laboratory, Ahmedabad under the guidance of Dr Vikram Sarabhai.



Prof Rao was a versatile space scientist, a technologist par excellence, and a passionate space application protagonist, all rolled into one; with sharp analytical bent of mind and enormous intellectual ability with uncanny knack of grasping the contemporary happenings; and astounding ability to quickly make back-of-the-envelope computations for complex solutions and decision making. While he was a tough task master with deep insight, abundant enthusiasm and indefatigable tenacity, and penchant for speedy action, his ability to instantly connect with his subordinates is an attribute often cited as his best quality with each one of them has one story or other to tell about his personal interactions and experience with him.

Above all, Prof U R Rao was a great Institution builder of global repute, and ranks along with Dr Vikram Sarabhai and Prof Satish Dhawan as the one who brought the vision and mission focus in the Indian space programme with unstinted commitment to align the goals of the organisation with national development. In this, he had to take in his stride the brunt of the innumerable initial difficulties, obstacles and failures of the satellites and launch vehicles in the experimental and its transition to operational era. He steadfastly brought in high levels of professional competence, mutual respect, and team spirit with trust that became the organisational norm and continues to be the guiding force in defining what is known today as 'ISRO culture'.

He proved conclusively that India has the ability to master the high technology and deliver world-class products, if there is a professional leadership that leads from the front, bestowing confidence and encouragement, and posing adequate scientific and technological challenges to the younger generation. In fact, it has become the watch words for all subsequent more complex satellite and launch vehicle missions of ISRO.

Immediately after ARYABHATA, Prof Rao went on to conceive the experimental remote sensing satellites, BHASKARA 1&2, ROHINI D2 and technology satellites in the SROSS series, which together provided the foundation for the operational Indian Remote Sensing Satellites (IRS) for natural resources & environmental applications; and the experimental communication satellite, APPLE, as first step to boldly embark on ISRO's ambitious operational Indian National Satellites (INSAT) for communication applications. IRS became a well known global brand, even capturing global leadership and attention as India's imaging capability made a quantum jump from around 1 Km spatial resolution in BHASKARA 1&2 to better than 1 metre, in the Technology Experimental Satellite (TES) launched in 1999. INSAT series of satellites made India a leading country in the world in providing domestic satellite communication services. For this immense contribution in building self reliance in satellite technology, Prof. Rao is affectionately called as

FATHER OF INDIAN SATELLITE PROGRAMME.

The illustrious life and legacy of Prof U R Rao of a humble village boy from a poor family from an obscure village near Udupi in Karnataka overcoming all the challenges & obstacles and garnering glory in the frontier space science, technology & applications, both nationally and internationally; and instrumental in building a prestigious institution of international standing like ISRO with its unique culture; and rising to the position as its Chairman and attaining international fame; and working tirelessly till his end in harnessing the benefits of space technology applications for national development - should continue to be a motivational force and a role model for many young aspirants in our country and elsewhere for generations to come.

Source : From Internet

INSPIRANTE

Mr Vajubhai Vala

Hon'ble Governor

Government of Karnataka

No. GS 41 MSG 2018

15th February, 2018

I am happy to know that 'Academy for Technical & Management Excellence', Mysuru has been awarded as "Best Emerging Private Engineering College" in Karnataka for two consecutive years and bringing out a college magazine called "DYNAMICS" in the month May 2018.

I wish the Organisers, editorial team and students a grand success.

Vajubhai Vala
Governor
Governor of Karnataka

Dr Karisiddappa

Hon'ble Vice Chancellor

Visvesvaraya Technological University, Belagavi

Ref. No.: VTU/VCS/2017-18/269

21st February, 2018

I am pleased to note that ATME College of Engineering, Mysore, is bringing out its College Magazine "Dynamics" during May 2018.

I am proud to note that the College has been conferred with the education excellence award "Best Emerging Private Engineering College" in the State during the years 2012 and 2013. With the main objective of providing Quality Education, to the students and inculcating them with right values so as to meet the growing challenges of the modern world, I am sure the college will march towards greater height in the years to come.
I wish the Magazine "Dynamics" to put in lime-light, the latest trends in Engineering and Technology, current affairs and constructive views, which provides a platform for an individual to build a sound career.

I wish all the best to the students and teaching faculty involved in bringing out the magazine.

Dr. Karisiddappa
Vice Chancellor
VTU, Belagavi

INSPIRANTE

Dr J.N. Jagannath Reddy

Registrar

Visvesvaraya Technological University, Belagavi

Ref : VTU/PS/2018-19/11070

27th February, 2018

I am happy to learnt that ATME College of Engineering, Mysuru is bringing out a magazine "DYNAMICS" during the occasion of rolling out of Fifth batch students.

It is a matter of pride to note that the college was established in the year 2010, having its great motto to address the needs of growing engineering and management industry and it's very proud to know the institution for conferring the education excellence award "Best Emerging Private Engineering College" in Karnataka in the year 2012 & 2013. The college magazine is the perfect avenue to surface the concealed literary talents, fond memories and creative writing. I believe that magazine will reveal the projects activities, achieves of the students along with their literary zeal. I take this opportunity to wish you all success in your endeavour, and wish to see your college as a centre of excellence in the near future and enhance the image to grow to newer heights.

My best wishes to the Management, Principal, Faculty, Non-teaching staff, Editorial team and also the students of this college & congratulate for their efforts in bringing out this Magazine.

Dr. J.N. Jagannatha Reddy
Registrar
VTU, Belagavi

Mr Arun Kumar L
Chairman

A college magazine always reflects the aspirations and attitude of the students, faculty members and other stakeholders of an institution. College magazine, therefore, is an important media to promote the Philosophy, an institution believes in. Also, it brings out into the open the hidden competencies of our students.

It gives me immense pleasure to note the creative expressions of students who had contributed to College magazine Dynamics. Dynamics has recorded various activities undertaken by the college in accomplishing its vision – Developing Academically excellent, Culturally vibrant, Socially responsible and globally competent human resources. ATME College of Engineering has grown copiously in the last 7 years. Dynamics is presenting a glimpse of the growth of the institution on many fronts. Dedicated faculty members always stood shoulder with the management and have carried out their responsibilities with a level of commitment.

I congratulate and thank all the students and staff coordinators who have made determined efforts to bring out this magazine. I wish them all success.

Arum Kumar L
Chairman
ATME CE

Dr Basavaraj L

Principal

It gives me an immense pleasure to learn that the student's magazine DYNAMICS 2018 is being brought out. The student's magazine is presenting a glimpse of the growth of the institution on many fronts. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the students and staff. I am sure that "DYNAMICS" would be an appropriate milestone on the path towards our Vision. It stand as a witness to the monumental efforts taken by the management to make the college a centre of excellence in education and research.

I extend my words of appreciation to the editorial board and the students who have worked hard for this creative project.

Dr Basavaraj L
Principal
ATME CE

Content

EDITORIAL DESK

Greetings from Editorial Committee!

As the summer sun glows pleasantly to heat up everything, the creativity and talents in every techie of ATMECE is thirsty to project his/her talents and skills. On behalf of the editorial board, proudly presenting 5th issue of "DYNAMICS" designed with a vision to quench the thirst by layering a platform for innovative ideas. The soul of creativity lies in the dream to unveil inherent talent. The power of this dream fuelled us forward and made "DYNAMICS", a reality.

We are thankful to all who contributed to fulfill our dream. First and foremost let me thank our Chairman Sri Arun Kumar L, who was always with us, to provide a wonderful platform to nourish the talents. I extend my sincere thanks to Management and our Principal who always in the forefront to encourage and inspire to execute wonderful ideas. The support of all Heads of the department cannot be forgotten and I thank each one for deputing the right coordinators. It would be totally unfair if I am not mentioning the effort of editorial team who dreamt together to bring out 5th issue of "DYNAMICS". I thank all students and faculty coordinators for their overwhelming support.

I thank Mr Nagappa T N, programmer for his design work and Mr Nandeesha K G, Lecturer who helped us for proof reading. My special thanks to Mrs Archana M R, Executive editor for her exceptional contributions in bringing out this edition of the magazine. I also wish all outgoing students of 2k18 a bright future ahead. I would like to conclude by quoting few words of former president Dr A P J Abdul Kalam, who propagated the power of dreaming.

"Dream, Dream, Dream,
Dream transfer into thoughts And thoughts result in action
Success will be yours."

Edititorial Committee

Chairman
Dr L Basavaraj, Principal

Chief Editor
Dr Putte Gowda D, HOD, CS

Executive Editor
Mrs Archana M R, AP, CS

Executive Student Editor
Mr Anup Nandan H M, VIII Sem, CS
Mr Santhosh Kumar K, VIII Sem, CS
Mr Mithun D K, VI Sem, CV
Mr Srijeeth, VI Sem, ME

Faculty Coordinators
Mrs Priyanka N B, AP, Maths
Mr Mohanesh B M, AP, CS
Ms Darshini M B, AP, EC
Mr Shashank P, AP, CV
Mr Santhosh Kumar R, AP, EE
Mr Girishkumar G S, AP, ME
Mr Nagappa T N, Programmer , CS

Student Coordinators
Mr Santhosh M, VI Sem, EC
Ms Shazia Baig, IV Sem, CS
Mr Vishnu Tej, IV Sem, CS
Mr Rahul, VI Sem, EE

Dr Putte Gowda D
Chief Editor

ur College

I take great pleasure in presenting the Annual report of ATME College of Engineering documenting its developments and achievements. This year 2017-18 was marked with many events and success stories. This can be attributed to the dedication and team spirit of the members of the management, staff and students.

ATME College of Engineering (ISO 9001-2015 certified) was started in the year 2010 by a group of entrepreneurs. The college has spread over 20 acres of green area close to Mysore city, offering the latest teaching techniques, which has become a universally accepted place for education headed by Sir L Arun Kumar.

ATME College of Engineering

Our College...

The college which began as an institution with just 240 students (4 UG courses) has recorded exponential growth in a span of 8 years is now a full-fledged institution functioning with 5 UG Courses and four research centers .

Choosing a right place to attend college is a big decision. It can be the key that opens the door to a lifetime of opportunities for growth and service. Engineering degree at ATME will be an investment into the future - both financially and intellectually. At ATME, education is not entirely academic, it extends beyond classrooms, laboratories and libraries to industry environments, seminars, workshops and live projects, hence ATME enhances talents and essential knowledge related to students dream in industry.

Computer Science and Engineering launches Cisco centre of Excellence in Networking by introducing CCNA Certification to its students. It has a state of the art Cisco lab with Cisco routers, Cisco Manageable switches, wireless components, required Network simulators and World class Cisco Academy e learning Portal .The Cisco Networking Academy program delivers a comprehensive learning experience to help students develop ICT skills for entry-level career opportunities, continuing education and globally recognized career certification. Department launches DELLEMC Certification to its students. Training is provided to do data analytics certification.

Mechanical Engineering has a MOU with CADD center which is the Asia's largest CADD training network, which helps to bridge the skill gap between institute and industry and implement industry interaction, to meet industry needs, to enhance the skill set of students in the relevant field and Department has started an innovation club.

Department of Electronics and Communication Engineering providing development of an industry based

training program was an initiative that begun in 2015. Cadence based VLSI based training by Industry Experts is carried out every year since 2015, for the students of the 3rd year of Engineering. The training program is carried out in ATME College of Engineering, during Weekends . The training is conducted by Vivartan Technologies, Bengaluru. Vivartan has been the training partner and Placement partner for Cadence Based VLSI training at ATME College of Engineering since 2015.

Department of Civil Engineering is a proud member of Indian Green Building Council, Builders Association of India and a student has been awarded a gold medal by VTU.

Department of Electrical & Electronics Engineering believes in imparting holistic education where the student community is the focal point of the learning process. Presently skill set under core area is offered in association with training Institute: RMJ Automation solutions and Training Pvt. Ltd, Mysore through an MOU. The objectives of the training program are to make student industry ready under 'Industrial Automation'. The training program is rendered at four levels to make students competent enough to take on real time application work in the field of Industrial Automation that involves PLC, SCADA & Drives. This is intended to support students for good and greater job opportunities and also to reduce the gap between Industries and Engineering Institution.

ATME CE believes in imparting quality education to the ignited minds of the society The College has also tied up with professional bodies like ISTE Chapter, Computer Society of India and NEN Cell.

To cut through the various catastrophes that may impede the growth of an institution, Effia Technologies, Bengaluru, has developed an ERP solution for our institution.

In addition to this the college owns a Roof Top Solar panel of 95 Kwp capacity at a cost of Rs. 80,000,00, project to satisfy the electricity requirement of the college. In addition to reducing Greenhouse Emissions and achieving greater Energy Security with a Green Initiative.

Maintenance Department

Transportation Department

5 'i's

INTERNATIONAL EXPOSURE

What we observe is not the world itself. But the world exposed to our method of questioning.

INTEGRATED DEVELOPMENT

We are not just Engineers. We aspire to obtain professionalism in everything we aspire and to stand out in the crowd. Thanks to the over all personality development offered by our college in terms of career planning, goal setting and motivation.

INDUSTRY ORIENTATION

Ready to seek our next opportunity by exploring our career path, developing our professional network and application materials.

INNOVATIVE APPROACH

We always believe in trying something different, even if we don't think it will work. Innovation distinguishes between a leader and a follower.

INSPIRING ENVIRONMENT

An environment where everyone has opportunity to do work, which matches their potential capability and for which an equitable deferential reward is provided.














INTERNATIONAL WOMEN'S DAY CELEBRATION

2018

Department of Basic Science

The Basic Science department is established in the year of 2010. The Department endeavors to integrate humanistic values with academic learning through introduction of relevant and innovative era. Science lays down the basement for every budding engineer with the essential brass tacks and vital ingredients of engineering education to make the students help in shaping themselves as conquering engineers in building the nation's prosperity. Science is a systematic enterprise that creates, builds and organizes knowledge in the form of testable explanations and predictions about the universe. Contemporary science is typically subdivided into the natural sciences which study the material world, the social sciences which study people and societies, and the formal sciences like mathematics. The formal sciences are often excluded as they do not depend on empirical observations. Disciplines which use science like Engineering and Medicine may also be considered to be applied sciences.

During the Middle Ages in the Middle East, foundations for the scientific method were laid by Alhazen in his Book of Optics. From classical antiquity through the 19th century, science as a type of knowledge was more closely linked to philosophy than it is now and, in fact, in the Western world, the term 'natural philosophy' encompassed fields of study that are today associated with science, such as Physics, Chemistry, Mathematics, Medicine and astronomy .

Chemistry

Chemistry department started functioning from the very inception of ATMECE. The Department of Chemistry is engaged in providing students with knowledge of engineering chemistry for building technical competence in industries, research and development of highest level and quality. The main focus of teaching and research in the department is centred on interdisciplinary themes and pledges itself in the broadest and most liberal manner to encourage the advancement of all branches of engineering through its practically skilled education and service missions. Chemistry is the study of matter, its properties, how and why substances combine or separate to form other substances, and how substances interact with energy. Many people think of chemists as being white-coated scientists mixing strange liquids in a laboratory, but the truth is we are all chemists.

The faculty members of the Department are well qualified and have expertise in frontier areas of research such as Organic synthesis, catalysis, composite materials, fuel cells, solar energy, pharmaceutical chemistry, analytical chemistry and nanomaterials. They have contributed towards publication of a good number of research papers in national and international Journals and Conferences. The Department is committed to excellence in chemistry by establishing research programs for meeting scientific and technological challenges faced by the ever changing, science centred world of the 21st century. Our aim is to produce highly sought after and knowledgeable graduates for pursuing careers with academia, industry and government. Besides, the state-of-the-art research laboratory was established in the year 2012. The R&D centre is focussed on the core areas of Chemistry related to Engineering sciences and to contribute overall development of the society. The department is promoting the importance and applications of Chemistry to students in Engineering sciences and daily life.T

The department has been able to achieve good academic results in the Engineering Chemistry theory / lab. The faculties approach the students with innovative method of teaching and thereby improving the result through their knowledge, experience and mentoring every student.

The department of Chemistry has involved in various developmental activities of institution from the beginning.

It is our proudness to announce that we have an independent research center equipped with various sophisticated instruments like Spectrophotometer, Incubators, Hot air/Microwave oven, Sonicator, Rotovapour, UV chamber, Muffle furnace and many more.

The faculties determinedly are putting effort to obtain funding from government for the conduction of Conference, Seminars, Workshops, symposia. Many of the project proposal are submitted to UGC, DST-SERB, VGST, KSCST which have shown some positive results.

The complete RO water plant of college is being maintained by our department. Through the research center we are providing the consultancy for drinking water sample analysis and oil analysis with respect to iodine value, saphonification value, total acid number, decolourisation of oil and many more.

One of our faculty Mr Kiran Kumar P has registered for PhD program under VTU in the year 2012 under the guidance of Dr N D Dinesh, AIT, Chickmagalur and his research topic is "Synthesis and Characterization of Metal Oxide Nanoparticles as Antibacterial and Antifungal". Presently he has completed most of his research work and thesis is under construction.

The faculties have published most of their research work in international journals. Dr Avinash K is an active member of Karnataka Rajya Vignana Parishath, Indian Science Congress and also is Editor of one of the reputed International journal and reviewer of many national and international journals.

Physics

Physics is a basic science and the students learn how the laws of nature govern the many phenomena of our world. Usually students are excited to find that elementary principles. Students need to understand the basic concepts and apply the same to solve seemingly complex problems. The ability of a student to apply the simple principles on which the complex problems are based will serve the interests of the students to excel in engineering and technology.

Engineering Physics discipline refers to the study of the combined disciplines of Physics, Mathematics and Engineering. It is a rigorous practice of ways to apply, design and develop new solutions in engineering. Unlike traditional physics, Engineering physics is not necessarily confined to a particular branch of science or engineering. The department has witnessed good academic performance by the students.

The Engineering Physics major is designed for students who have an interest in and an aptitude for both engineering and physics. The program provides students with a firm foundation in physics and mathematics, together with engineering design and problem-solving skills. This background prepares students to tackle complex problems in multidisciplinary areas that are at the forefront of 21st century technology, such as aerospace physics, biophysics, computational science, quantum science and engineering, materials science, nanotechnology, electromechanical systems, energy systems, renewable energy, and any engineering field that requires a very solid background in physics. Because the program emphasizes science, mathematics and engineering, students are well prepared to pursue graduate work in engineering or physics. Department of Physics has involved in research and development work in the field Materials Tribology and Nanotechnology. The faculty are actively involved in R & D activities. The department is well equipped with instruments and possess optimum infrastructure required for the academic excellence of the students.

"Look up at the stars and not down at your feet. Try to make sense of what you see, and wonder about what makes the universe exist. Be curious." - **Stephen Hawking**

Mathematics

Engineering Mathematics is the art of applying mathematics to complex real-world problems. It combines mathematical theory, practical engineering and scientific computing to address today's technological challenges. Engineering requires many building blocks and tools. To produce real world results, one must practically apply mathematics and sciences to tangible problems and scenarios. Included in this category are the various technical topics which cut across engineering disciplines, encompassing many branches of mathematics and scientific disciplines.

Mathematics is a creative and exciting discipline, spanning traditional boundaries. It can be found in an extraordinarily wide range of careers, from designing next generation Formula One cars to working at the cutting edge of robotics, from running their own business creating new autonomous vehicles to developing innovative indices for leading global financial institutions.

Bridge courses are conducted for Diploma Students. Needy students are identified and special classes are conducted for them to perform well. As a result of the sincere effort of the team, the department has been consistently obtaining good results but yet to reach the coveted 100% mark.

Mr Srikantha N has joined the Mathematics department as an Assistant Professor in Feb 2018.
First year students , Krishnaprasad Bhat ,Mohammed Yusuf,Srinidhi and Karthik have participated in Intercollegiate Mathematics Quiz held at GSSS College of Engineering ,Mysore in the month of Apr 2017.
24 students in Essay writing,19 students in Model,4 students in poster and 4 students in Quiz were participated in one day Symposium held in our college in the odd Semester 2017-18.

We have conducted Quiz for the First year on 20th Mar 2018 and the winner and runner up are Shrivathsa M and Sudarshan M V.

"Mathematics, Rightly viewed , posseses not only truth, but supreme Beauty"
Bertrand Russel

Department of Civil Engineering

Civil Engineering, considered as one of the oldest engineering disciplines, encompasses many specialities. Civil engineers will Design and Supervise in construction of Roads, Buildings, Airports, Tunnels, Dams and Bridges, Water supply and Sewage systems. The Civil Engineering Department was established in the year 2011.

The department offer B.E program in Civil Engineering with a yearly intake of 60 students. A group of qualified faculty and adequate experience is the highlight of the department. The department has qualified faculty members occupied with educating and research having perfection in various fields. The faculty members are youthful, dynamic and prepared to meet the academic needs of undergraduates. A number Faculty Development Programs are conducted regularly to inculcate the technical skills, soft skills and the research. Further, the department encourages the students to participate in external and internal conferences, workshops, invited lectures and seminars along with extra-curricular/co-curricular activities like technical fests, sports/games, cultural fests, Annual Alumni Meets, to ensure overall development, nurturing of team spirit and organizational skills.

The objective of the B.E graduate program in Civil Engineering is to give the undergraduates great comprehension of civil engineering arrangements in a global, societal and ecological setting, steady with the standards of sustainable improvement. The course will make the undergraduates capable Identifying, planning and taking care of civil engineering problems that meet indicated execution, cost, time, well being and other quality

needs and objectives with proficient and moral responsibility.

Department also actively engages itself towards enriching career path of the students. The department in association with BAI, IGBC organises internship , workshop , seminars for the students also works in close association with Training And placement department. Department actively participates and encourages the students to participate in Placement and E-cell activities. We take the pride in the fact that significant numbers of students who are alumni now own their own businesses, thus producing the result for our efforts.

Department Activities


Survey Lab

Memorandum of understanding(MoU)

Department of Civil Engineering, ATMECE signed a MoU with Skill Tech , Mysuru and Vision Structural Design Aid, Bangalore.

"One day Technical state level Fest"
INAUGURATION OF TECHNICAL FESTIVAL "DATUM-2K17"

Department of Civil Engineering of ATMECE organized one day State level Technical Festival "DATUM – 2017" on 13th Apr 2017 at ATMECE premises. On this occasion, Guest of honor Prof M N Sree Hari CEO, M/S CIE, Infrastructures chairman for smart cities, GOI Adviser to GoK for traffic and transport infrastructure, Chief guest Dr L Basavaraj, Principal ATME CE, Mr Manu Vijay, Head, Dept. of CV, Conveners Mr Rudresh A N & Mrs Bharathi B Asst. Prof, Dept. of CV, Staff and over 250+ students of various college were present at the inaugural function.

One day State level Symposium on "RECENT DEVELOPMENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY"

The symposium was Organized by ATME College of Engineering in association with Karnataka Science and Technology Academy, Govt of Karnataka on 10th Oct 2017.

ATME College of Engineering organized one day workshop on "RECENT DEVELOPMENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY" in association with Karnataka Science and Technology Academy on 10th Oct 2017 for the benefit and upgradation of student knowledge level in the fields of Science, Engineering and Technology.

Padmashree Dr S K Shivakumar, Former ISRO Director and present KSTA Chairman and shared his abundant knowledge and emphasized that there is no success without dedication and hard work.

One should have an aim or goal without which there is no success. Everyday new innovations are being made in the field of Science and technology. Materials needed for spacecraft or space shuttle have to be a manufactured in India with the support of private industries. This is to minimise the dependence on European countries he said. Guest of honour, Dr K S M S Raghavarao, chief scientist CFTRI, Mysuru, mentioned that the present generation had lot of employment opportunity but the youth were still in dilemma in choosing their field of interest. private industries. This is to minimise the dependence on European countries he said. Guest of honour, Dr K S M S Raghavarao, chief scientist CFTRI, Mysuru, mentioned that the present generation had lot of employment opportunity but the youth were still in dilemma in choosing their field of interest. Mr Arun kumar L, Mr Shivashankar K, Dr Syed Shakeeb Ur Rehman, Dr L Basavaraj and Dr Suresh K J(Convener) were present.

Extensive survey – Academics outside the wall

As a part of curricular, the extensive survey for 5th sem outstanding students was conducted at Karighatta. Department of Civil Engineering conducted Survey Camp for 3rd year student of Civil Engineering and as compulsory part of the University academic curriculum for 5th semester. This Camp was aimed to groom Civil Engineering students with essential knowledge and to expose them to the real work, and also to encourage leadership and teamwork skills. This Survey Camp resulted in encouraging and supporting students, emerging as leaders in several areas of academic provision.

Work Shop on Bridge design using Bentley Software on RM Bridge

Work shop on Bridge Design was conducted on 21st Feb 2018. Mr Prabhas Bhat the speaker , Bentley representative gave a brief over view of bridge design and various technical aspects of bridge design using RM bridge design software.

Workshop on "MS Project" for 6th sem Civil Engineering students

Three day workshop titled "MS Project" from 23rd to 25th Feb 2018 was organized by Dept. of Civil Engineering for 6th Sem Civil Engineering students at ATME College.

Industrial visit to Water Treatment Plant at Srirangapatna

Industrial Visit for 5th sem students were taken to water treatment plant at Srirangapatna. Students were given over view of working of drinking water supply treatment and aeration process filtration and canal intake structures.

Extensive survey for 5th sem outstanding students was conducted at Karighatta.

Internship Program by "Shilpi"- The Student chapter

Internship for 8th sem civil Students in association with BAI (Shilpi Chapter), Conducted for two weeks during vacation.

Felicitation to Toppers in Civil Engineering by BAI, Mysuru

Poornima M S & Atmuri Devi Sravani of Civil Engineering Dept. was felicitated by Builders Association of India (BAI), Mysuru for being toppers in Civil Engineering in the academic year 2016-17.

IGBC Quiz Competition on Green Buildings ③

Meghana M K & Madhu R (7th sem), Jhanavi & karthik C V (5th sem) of Civil Engineering Dept. had participated and represented the college in quiz competition on "Green Building" on 31st Aug 2017, organized by Indian Green Building Council (IGBC) Mysuru Chapter.

Advanced Materials and Technologies in Civil Engineering Construction

Students of 8th sem, Prajay P, Ravikiran M, and Syed Sharfuddin participated in two day workshop on Advanced Materials and Technologies held at NIE college, Mysuru on 23rd and 24th Feb 2018.

Students of 8th sem Participated in Technical event Tantragyan organized by SJCE, Mysuru, held on 5th Apr 2017.

- Amulya Bharathi M V , Madhusudhan M and Atmuri devi Sravani won First prize in soil smash organised at Tantragyan by SJCE, Mysuru.
- Atmuri devi Sravani , Likitha P and Sangeetha S won second prize in Grey anatomy in Tantragyan.
- Supreeth S, Nischal H and Santhosh S participated in Technical event -Tantragyan.

"A common mistake that people make when trying to design something completely foolproof is to underestimate the ingenuity of complete fools."
Douglas Adams

Toppers
2016-17


Ms Poornima M S
IV Year-85.13%


Ms Atmuri Dvi Sravni
IV Year-81.39%


Ms Madhu R
III Year-82.33%


Ms Harshitha S
III Year-82.22%


Ms Jayashree T L
II Year-8.53 SGPA


Ms Pooja S
II Year-8.16 SGPA


Mr Manoj S L
I Year-8.17 SGPA


Ms Anusha M S
I Year-8.58 SGPA

Outgoing
Batch 2018

“ Steel frame homes wont crack, wrap, twist, rot, split or settle

Department of Computer Science & Engineering

The Department of Computer Science & Engineering was established in the year 2010 with intake of 60 students and was enhanced to 120 students in 2013. The department is a pioneering academic centre for higher education, research, and innovations in key areas of Computer Science. It has been imparting quality education to meet the technological advancements and industrial requirements. This has been made possible due to highly qualified and experienced faculties with excellent academic track record. There is a proportionate mix of academic and industrial experience amongst the faculty which is influential in imparting the right blend of theoretical and practical knowledge to the students. The department has state of the art laboratories and excellent infrastructural facilities that provide the students with quality education that matches global standards.

The first initiative taken by the department was to start the student branch of 'Computer Society of India' – CSI, a professional body at National level, in the year 2012, all the students in the department were enrolled as student members. The College also obtained CSI Institutional Membership and most of the staff members are Life Members of CSI. An initiative taken by the department to start academic alliance program in association with DELLEMC. This program train the students for certification as associate data science and Specialist data scientist. The course provides practical foundation level training that enables immediate and effective participation in big data and other analytics project. The course prepares the student for Proven Professional Data Scientist Associate certification exam. Our department launches CISCO centre of Excellence in Networking by introducing CCNA Certification to students in networking.

Our department launches CISCO centre of Excellence in Networking by introducing CCNA Certification to students in networking.

ATME College of Engineering is the first institute to establish "CISCO Center of Excellence" in Mysore to offer various CISCO Certifications.

CISCO centre of Excellence in Networking - CCNA

Department has organized "Swachhata Pakhwada" program from 01-09-2017 to 15-09-2017 for spreading the message of cleanliness not only among the students but also in surrounding areas. In this regards the department organized had campus cleaning program on 07th Sep 2017. All the students and faculties of CSE had participated. Department Library has been set up with more than 763 Volumes on shelves. Department news letter named CS-Mail released every half an year and the latest version is VOL-6 Issue 1..

Department Activities

Workshops

- Three days workshop on "Carrier Development-Finding and getting Right jobs" for VI-semester students from 31st Mar to 2nd Apr 2017. The workshop was conducted by IQUEST, Mysuru. The resource persons are Dr Latha Satish PhD. ,in Psychology, Ajay Vishwanath, Certified Career Coach, Raghunandan, Astute Professional, Dhiraj A Rao, Training & Development Specialized in Aptitude Skills, Communication Skills , Motivation & Leadership, Software Testing & Engineering, KS Manjunatha, IQUEST.

- Three days workshop on "Basics of Object Oriented Programming Concepts using C++"for IV semester students from 31st Mar to 2nd Apr 2017. Resource persons were Asst. Prof, from CSE dept. Keerthana M M, , Ajay kumar B R, Sneha C R, Kiran B, Anil Kumar B H, Sharath H A.

- Three days workshop on "Android App Development " from 25th to 27thSep 2017 for 7th semester students. The resource person was Mr Shamugha Priyan, Founder & CEO, Bengaluru Onto Technologies.

- Three days workshop on "Automating Android App " from 23rd Feb 2018 to 25th Feb 2018 for 6th semester students. The resource person was Mr. Uday seshadri , Software Quality Engineer McAfee India.

- One day Workshop on "Basics of Object Oriented Programming Concepts Using C++" was conducted by members of CS Department on 24th Feb 2018 for 4th sem students. Ms Shruthi P and Mr Anil Kumar B H Asst Prof.

State Level Technical Symposium

"State Level Technical Symposium" was organized in its college premises on 3rd and 4th of May 2017. The event was inaugurated in presence of Dr Shyam Vasudeva Rao, Director Forus Health Bengaluru who was the Chief Guest and Dr L Basavaraj, Principal ATMECE was the guest of honour. Activities conducted was paper, poster presentation, code hunt and mini CG project presentation.

Inter Collegiate Project Championship-2017

Inter Collegiate Project Championship-2017

Inter Collegiate Project Championship-2017 was organized by the Department on 5th May 2017. Twenty six teams from different Engineering colleges participated in the event. Project related to various domains such as Web applications, Networking, Embedded Systems and Android applications were demonstrated. The Projects demonstrated by students were evaluated by The Projects demonstrated by students were evaluated by Dr G F Ali Ahammad, Associate Professor, Dept of PG studies VTU Regional Office Mysuru and Dr Srinath S, Assistant Professor Department of CSE, SJCE, Mysuru. First place was secured by Ms Ranjana S and team, Second place was given to Ms Ramya C M and team.

Technical Talk

- A Technical Talk on "Carrier Placement and Training" conducted by K S Manjunatha IQuest, Mysuru on 29th August 2017 for 5th and 7th semester students.

- A Technical Talk on "Data Mining and its Research avenues" conducted by Dr. Harish B S, Associate Professor, SJCE, Mysuru on 23rd October 2017 for 5th and 7th semester students.

Faculty Development Program (FDP)on "Python Application Programming

Five days FDP was organized from 17th Jan to 20th Jan by Department .FDP was conducted by Mr Krishna V Sattikar Worked at IBM, CGI and HCL Technologies Bengaluru and Mr K S Manjunatha, CEO, I-Quest, Mysuru and for next two days workshop was conducted by Mr Sumit Raj, Worked as Principal Engineer at LodgIQ, US based Company.

Computer Society of India-CSI

The Computer Society of India student branch of ATME College of Engineering under the CSI Division-1 had organized a National Level Event, "CODE ARENA" on 3rd Nov 2017. The event was inaugurated in the college Auditorium by Mrs. Anitha Venkatesh, Chairman of Mysore CSI Chapter-1 who was the Chief Guest for the event. Dr L Basavaraj, Principal, Dr Puttegowda D, Professor & Head of the Department and Mr Anil Kumar C J, the CSI Student Branch Councillor were the Guest of Honor. Mr Manjunath R, the Chairman of CSI-Student Branch, ATME College of Engineering also joined the dignitaries on the dais in the inaugural function.

National Level Event "Code Arena"

Achievements of the students

- Prakruthi B N ,Rakshitha B Hand Navya N V participated and presented a paper in National Conference on "Electronics, Signals and communication" NCESC-2017 on 29th May, held at GSSS Institute of Engineering and Technology for Women conducted by Department of Electronics and Communication Engineering.

- Jeevitha M A, presented a paper in National Conference on "Electronics, Signals & Communication, NCESC-2017, conducted in association with IETE Mysuru centre &"International Journal of computer Applications", 29th May 2017.

- Jeevitha M A ,7th Sem participated in "MASTER TRIVIA 3" , held at NIE IT, Mysuru, on 28th Apr 2017.

- Latha S, Anusha M, ManjuMallika N,Deepthi R, Tejas H R, Swaroop S Participated in Smart India Hackathon on 30th and 31st march ,2018 for Ministry of Tribal Affairs by developing a product which could spot tribal youth talent in sports and also for the sport activities to interact with them and was held at Guwahati, Assam.

- Deepa lakshmi B R, Avita Pinto, Jeevitha, Ameerha and Rakshitha B H student of 8th were participated in poster presentation and quiz event at state level symposium organized by ATMECE in innovation with KSTA on 10th Oct 2017.

SMART INDIA HACKATHON 2017 Batch

SMART INDIA HACKATHON 2017

Smart India Hackathon-2017 was launched on 9th Nov, 2016 in New Delhi to harness
creativity & expertise of students, build funnel for 'Start up India, Stand up India' campaign, crowd source solutions for improving Governance and quality of life and give opportunity to citizens to provide innovative solutions to India's daunting problems.

Government of India (GoI) envisages a Digital India drive to bridge the digital divide in the country. Out of the 7531 ideas received for 598 problems identified by 29 Ministries/ Departments, 1266 ideas had been shortlisted for the Grand Finale. Smart India Hackathon-2017 was the first massive scale hackathon initiative in India.

We are glad to inform that from our department there were two teams participated. We heartily congratulate all the participants for their effort and dedication..! Our students represented ATME at national level and they were one among 10,000 engineering students from across the country.

The team one was lead by Mr Anil Kumar C J, consisting of Ms Shree Charithra, Ms Avita Pinto, Mr Neeraj Agarwal, Mr Manjunath, Mr Shrivathsa and Mr Amal Jose.

The team two was lead by Mr Ananda Kumar H N, consisting of Ms Harshitha A C, Ms Madhushree M, Ms Radhika, Ms Noor Fathima, Mr Poornachandra Tejawi, Mr Mithilesh.

Toppers
2016-17


Ms Shwetha B S
IV Year-78.06%


Ms Ayesha Baig
IV Year-74.24%


Mr Viqar Hyder Ansari
IV Year-74.24%


Ms Avito Pinto
III Year-77.77%


Mr Darshan R
III Year-75.94%


Ms Latha S
II Year-7.93 SGPA


M S Zoha Afreen
II Year-7.89 SGPA


Ms Swathi A
I Year-8.48 SGPA


Ms Shazia Baig
I Year-9.3 SGPA

Outgoing Batch 2018 (A Section)

Outgoing Batch 2018 (B Section)

Department of Electrical & Electronics Engineering

The Department of Electrical and Electronics Engineering is started in the year 2010 with an intake of 60 students. Presently about 200 students are on rolls from second to fourth year. The department is recognized as a research center by Visvesvaraya Technological University (VTU), Belagavi to offer PhD and M Sc (Engg.) programs.

The Department believes in imparting holistic education where the student community is the focal point of the learning process. We offer a motivating environment for knowledge assimilation with a sense of social responsibility and human values. We are committed to Outcome Based Education (OBE) and Experiential Learning.

The department has well qualified and experienced faculty members with specialization in Power systems, Power Electronics, Energy Systems & Management, Computer Applications in Industrial Drives, Bio-Medical Signal Processing & Instrumentation and VLSI Design & Embedded systems. The department offers a Bachelor degree program in Electrical and Electronics Engineering .

All the laboratories relevant to the program are established as per VTU and the department is highly committed to bring in state of art research laboratories to provide quality education for present challenging societal and industrial needs.

The department is working closely with professional bodies to carry on research activities. The department is involved in the research activities in

the areas of EMI/EMC, Power systems, Power electronics and Nano technology.

The department has spacious infrastructure with carpet area of 2025 square meters providing sufficient space to cater the VTU requirements of laboratories, class rooms, seminar halls, staff room, common recreation area, rest rooms etc., The various Laboratories are: Electronics Lab, Op-amp & Linear ICs Lab, Power Electronics Lab, Microcontrollers Lab, Electrical Machines Lab, Control System Lab, Digital Signal Processing Lab, Power System Simulations Lab and Relay & High Voltage Lab. The department library has a total of about 382 technical books.

The department has signed a MoU through ATMECE with RMJ Automation Solutions and Training Pvt Ltd, Mysuru on 19th Aug, 2017. The department is also in correspondence with Techno power Corporation, Bengaluru to setup an industry support lab and to offer training on industrial transformer testing to our faculty which may lead the department to centre for certification of industrial transformers.

Department Activities

Industrial visit

- Industrial visit was arranged on 11th Sep 2017 for VII sem students to Vajamangala Substation, Mysuru. Raghavendra L and Ms Swapna H accompanied the students for the industrial visit.


Industrial visit Vajamangala Substation

- Industrial visit was arranged on 25th Sep 2017 for V sem students to Sattegala Mini Hydel Power Station, Sattegala village, Kollegala Taluk, Chamarajanagar District. Mr Praveen Kumar M and Mr Sathish K R accompanied the students for the industrial visit.

- Industrial visit was arranged on 26th Feb 2018 for VIII sem students to Central Power Research Institute (CPRI), Bangalore. Mr Praveen Kumar M and Mr. Vinod Kumar P accompanied the students for the industrial visit.

- Industry visit was arranged on 02nd Mar 2018 for VIII sem students to Rare Materials Project (RMP)/ Bhabha Atomic Research Centre (BARC), Mysuru. Mr Praveen Kumar M and Mr Vinod Kumar P accompanied the students for the industrial visit.

Technical Talk

- A technical talk was organised on "Power Electronics Application in Medical Systems" for final & pre-final year students on 13th Nov 2017. The Resource Person was Mr Srinivas N R, Senior Design Engineer, Skanray Technologies, Mysuru.

- A technical talk was organized on "Opportunities for Electrical Engineering students: A technical Perspective" for 4th and 6th sem students on 10th Feb 2018. The Resource Person was Mr Rajashekar S, Intellectual Property Professional, General Electric, India.

Workshop

Two days In House workshop for V semester students of our dept. on "C Programming" was conducted by Dept. of Computer Science & Engineering, ATMECE. The Resource Persons were Mr Anil Kumar B Hand Mr Kiran B, Asst. Professors.

FDP on Industrial Automation


Electrical Machines Lab

The Department has organised a One week Zonal Level FDP on "Industrial Automation" in ATMECE, Mysuru from 16th to 20th Jan2018. The Resource Persons were Mrs. Kiran Pathak, Managing Director, RMJ Automation Solution and training Pvt Ltd, Mysuru and Mr. Saravanan Manager Project Execution, Adarsha Control and Automation Pvt. Ltd. Bengaluru.

PLC & SCADA Training

The prime attention of the department is to deliver outstanding theoretical knowledge base and also in the development of skills to implement them. The department constantly assess the set up for societal / industrial demand of skill sets for the students. We update and associate with technical skill training institutes to ensure that our students gain thinking skills, analytical frameworks, entrepreneurial skills, interpersonal and communication skills.

The core sector skills, IT sector skills, Non-IT sector skills and others needed are identified in students to offer such skill sets. Presently skill set under core area is offered in association with training Institute: RMJ Automation solutions and Training Pvt. Ltd, Mysore through an MOU.

The objectives of the training program are to make student industry ready under 'Industrial Automation'. The training program is rendered at four levels to make students competent enough to take on real time application work in the field of Industrial Automation that involves PLC, SCADA & Drives. This is intended to support students for good and greater job opportunities and also to reduce the gap between Industries and Engineering Institution.

All the training levels are of 36 hours duration per semester on:

- Level 0 - Sensors and Transducers
- Level 1- PLC and its interfacing with Sensors/Transducers.
- Level 2- SCADA and its interfacing with PLC.
- Level 3- PLC and SCADA for industrial applications.

Presently the 2nd and 3rd year students were offered this training.

Student Achievements

- Mr. Sachin M N (7th semester), Mr. Hemanth Kumar K (7th semester), Ms. Swathi K S (5th semester), and Ms. Meghana N (5th semester), has won First place for the project titled "Single phase to three phase

converter using IGBT" in the project competition as a part of State level Symposium on "Recent Development in Science, Engineering and Technology" held on 10th Oct 2017 at ATME College of Engineering in association with Karnataka Science and Technology Academy.

- The Project titled "Design of Motorized Wheelchair for Paraplegic" carried out by Navaneet Pralhad Yavagal, Ranjith Kumar G, Manjushree M and Hemanth Kumar K of 8th semester under the guidance of Mr Shreeshayana R, is awarded funding of Rs. 6,000 in the 41st Series of Student Projects Programme 2017- 2018 by Karnataka State Council for Science and Technology.

- Swathi K S and Varsha H N of 6th Sem has presented a technical paper titled "Smart irrigation systems" at "INPHASE 2018" state level Student Technical Paper Presentation held on 17th Apr 2018 at The National Institute of Engineering, Mysuru.

- Pooja S and Sachin M N of 8th Sem has presented a technical paper titled "Crop Protection against wild animals using flow sensor" at "INPHASE 2018" state level Student Technical Paper Presentation held on 17th Apr 2018 at The National Institute of Engineering, Mysuru.

- Prominent companies of Electrical core, IT and other sectors visit ATME College of Engineering every year for recruitment process. A total of 9 students are placed through on campus and off campus recruitment drives for the academic year 2017-18 till Apr 2018. Our recruiters are Vivartan Technologies, Seventh Sense Talent Solutions, Bengaluru, Sapience Academy & Management Solutions, Mysuru, NICE Education etc.,

- Mr Ranjith Kumar G (VII semester), Mr. Hemanth Kumar K (VII semester), Sachin M N (VII semester), Ms Swathi K S (V semester), and Ms. Meghana N (V semester), has won First place for the project titled " Design & Development of three phase converter"in the project competition "JNANA-VIJNANA-TANTRAJNANA MELA-2018" held on 19th & 20th February 2018 at Sri kshetra Adichunchanagiri, Nagamangala taluk, Mandya.

- Eight batches from Electrical & Electronics Engineering Department has presented technical project posters in the one day State level Symposium on "Recent Development in Science, Engineering and Technology" held on 10th Oct 2017 at ATME College of Engineering in association with Karnataka Science and Technology Academy.

> "The Electronic Spectrum is the only Natural Resource in which there's no such thing as private property rights. You cant own a piece of the spectrum

Outgoing
Batch 2018

"Electtrical science has revealed to us the true nature of Light has provided us with innumerable appliances and instruments of precessions

Department of Electronics & Communication

Department of Electronics & Communication Engineering was established in the year 2010 with an intake of 60 students & was enhanced to 120 students in the year 2012. Department has well qualified & experienced teaching faculty & technical staff with state of the art laboratories to meet the quality education required for present challenging societal & industrial needs. Department is involved in research activities in the areas of wireless communication, image processing, control systems, bio medical engineering & embedded systems etc.

Department organizes workshops & seminars through the technical forum to enable the students to upgrade their knowledge. The department has full-fledged VLSI lab which is well furnished having cadence tool with thirty user licenses. The department is imparting cadence training to students in the VLSI lab which is second of its kind in Mysore.

ECE department library have a huge collection of text books, reference books of various authors with different titles & volumes. Faculties of E & C department have presented their research papers in various national & International conferences & published their papers in peer reviewed journals.

All the faculty & students are members of professional bodies like ISTE, IETE and ECHELON. IETE student forum (ISF) is regularly organizes technical talks & workshops for students by experts on cutting edge areas like NI LabVIEW, LATEX, MATLAB etc.

Department Activities

Memorandum of Understanding (MoU) with Industries

- The Department and Regional Telecom Training Centre (RTTC)-BSNL, Mysuru signed a Memorandum of Understanding (MoU) formally. Dr. L Basavaraj, Principal, with Dr Mahesh P K, Head of the Department of ECE, ATMECE, and Prof A V Srikantan, Principal, RTTC-BSNL, Mysuru signed the MOU on 5th Apr 2017. It is intended to bridge the skill gap existing between academia-Industry .RTTC-BSNL is one of the pioneer telecom training centres of BSNL in India, serving the training needs in telecommunication. Keeping up to date cutting edge technology has also been possible due to the College providing certification courses in VLSI using CADENCE tool.

Linear Integrated Circuit Lab

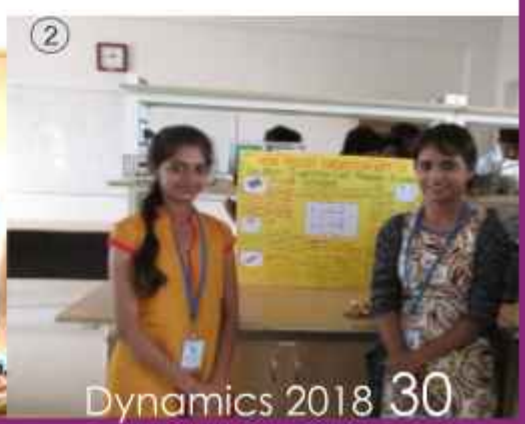
- The Department and Elintz lab, Bengaluru signed a MoU formally. Dr L Basavaraj, Principal, with Dr Mahesh P K, Head of the Department of ECEATMECE and Mr. Vinay Gowda, Director, Elintz Lab signed the MoU on 22nd Dec 2017 .

- The Department and killfinity Technologies PVT Limited, Bengaluru signed a MoU on 15th Feb 2018 in the presence of Dr Basavaraj L, Principal, with Dr Mahesh P K, HOD and Mr Deepak Ramanna Hebbur, Director of Skillfini Bengaluru.

Faculty Development Programme:

- Three day state level FDP on "Computer Networks using Network Simulator" from 2nd to 4th Jan, 2018, in association with IETE, Mysuru and VTU ,Belagavi. Thirty Faculties from various Engineering Colleges were participated. The resource person were from DBIT, Bengaluru . The participants were given opportunity to do hands-on session for Laboratory Experiments using Ns2.

- Three Day FDP on "ARM CORTEX M3 MICROCONTROLLERS" in association with Advanced Electronic Systems, Bangalore from 14th to16th Dec 2017organised under the banner of ISF. The Resource persons were from ALS Bangalore. Totally 25 faculties from the various colleges were participated . The workshop was coordinated by Chief Coordinator Dr Mahesh P K, HOD, Convener Dr Yathisha L and Co-Conveners Girish M and Harshitha N, Asst. Professors, with Dr L Basavaraj , Principal, ATMECE, as organizing chair.



- **"Mini Project Exhibition" for Pre Final Year Students**

Mini project exhibition was organized for pre final year students in Dept. of ECE, ATMECE, Mysuru on 18th November 2017. In the project exhibition, Shwetharani and Supritha Shetty, 5th sem students secured First place, Sonali N K and Kavithri B P, V sem students secured Second place and Priyanka D K and Sariya Jameel, III sem students secured Third Place.

- **Urja-2k18**

The Department of Electronics and communication Engineering had organized a two day state level Technical fest "Urja-2k18" in association with IETE, Mysuru on 19th and 20th March 2018 for the students pursuing B.E in ECE/TCE/EIE department. In this regard many technical events such as Build to hack, RoboExpo, Techquest, SoftGyan, Circutrix, Mr and Ms Electronics and Micropix were organized. Various college students had taken part and each event winners was awarded with exciting cash prize. All the participants were given participation certificates.

Five Day National level workshop on "Applications of Advanced Embedded Systems using NI LabVIEW & ARDUINO"

It organized in association with NI Lab View Academy, SJBIT, Bengaluru and IETE Mysuru for ECE students from 27th to 31st Oct 2017. The Resource persons were from LabVIEW Academy, SJBIT, Bengaluru and our ECE faculties .Totally 200 students & Faculties had participated.

As the finale of the workshop, MINI PROJECT COMPETITION was held between teams with four members in each team formed on their own. The first prize, which was a cash prize of Rs. 2000/-, was bagged by one of the teams from CIT, Gonikoppa. Two teams, one each from GSSSIETW and ATME won consolation prizes. Elintz Lab, Bengaluru provided the Hardware kits which were procured by ATMECE Mysuru.

Workshop on "Design of IoT"

ECE faculties had organized workshop for students on "Design for IoT" through Echelon which was held on 7th Oct 2017. Mr. ECE faculties were the resource persons and 43 students had participated in the workshop and certificates were issued.

Workshop on "NI Lab VIEW"

Five - day State Level workshop on "NI Lab VIEW" was organized in association with NI Lab View Academy, SJBIT, Bengaluru and IETE Mysuru for ECE students from 06th & 10th April 2017. The resource person was from NI LabView Academy, SJBIT, Bengaluru. The total no of students participated was 89.

Industrial Visit:

- Industrial visit was arranged on 3rd Nov 2017 for 7th sem students to

Industrial visit to ISRO and HAL Aerospace Museum, Bangalore.

ISRO and HAL Aerospace Museum, Bangalore.

- Industrial visit was arranged on 9th Feb 2018 for 4th, 6th & 8th sem students to EFY Expo 2018 held at KTPO, Whitefield, Bangalore.

Student Achievement

- Sonali N K andKavithri B P have won first prize in poster presentation competition held on 22nd Sep 2017 in GSSSITW,Mysore.

- Rashmi, Nirmala, Shwetha Presented and Published Paper in the Conference at BGSIT, Mandya on May 15th &16th 2017.

- Sandesh J, Preetham D M, Suprith S, Surakshit, Guruprasad U, Gaganprasad S, Neeraj V Chindi, Sudhanva N attended workshop on "MEMS and Microsystems" held at VVIET, from 10th & 11th April, 2017.

College Level Activities

One day State level symposium on "Recent Development in Science engineering and technology" was held in college on10th Oct 2017. The coordinators from ECE Department. 109 students and 1 faculty from the Department had participated. 10 groups in Poster Presentation, 04 groups in Model presentation, 98 students in Quiz, 50 students and 1 Faculty in Essay Competition. Mr Rajath N G and Mr Santhosh K of 5th semester ECE had won 2nd prize in Quiz.

Kannada Rajoythsava was held in the College on 16th Oct 2017.

- 4 students from ECE had participated in Swadinachari. Swathi B, 7th semester, won First prize in the same.
- 10 students from ECE had participated in Anuvada. Swathi B, 7th semester, won First prize in the same.
- 4 students from ECE had participated in Geethagayana.
- 2 students from ECE had participated in Chitrakala Sparde.

SMART INDIA HACKATHON 2017

Smart India Hackathon 2017 was the world's biggest hackathon held in India. We are glad to inform that from our department there were one team lead by Dr S R Bhagyashree, Professors; our students represented ATME CE at national level and they were one among 10,000 engineering students from across the country.

The team members are Mohammed Sadiq, Swathi, Shashank ,Sneha Ganga, Sushma and Sagar.

"Invention is the most important product of man's creative brain. The ultimate purpose is the complete mastery of mind over the material world, the harnessing of human nature to human needs."

Toppers
2016-17


Ms Sushmitha K B
IV Year-84.83%


Ms Krupa M K
IV Year-84.64%


Mr Manoj C S
III Year-76.55%


Ms Sushma S
III Year-75.44%


Mr Abhishake Tripathi k
II Year-8.11 SGPA


Mr Shivakumar J G
II Year-8.08 SGPA


Ms Sima Sadaf
I Year-8.54 SGPA


Ms Bhoomika M S
I Year-8.59 SGPA

Outgoing Batch 2018 (B Section)

Outgoing Batch 2018 (A Section)

The Library and Information Center

Today the engineering institutions are investing huge amount for digital Resources because the quality of engineering institutions is measured in terms of digital collections, e-resources, networking component, ICT tools etc.

Academic libraries are under increasing pressure to demonstrate the value of their collections to their stakeholders and to focus on products and services that support eLearning. If the cost of library services increase and the perception of the importance of the library decrease, a value gap can result. Measures of value, including usage, and return on investment can help to demonstrate the current value of the library and help librarians to set priorities for the future. More than repositories for materials and knowledge; now libraries are access- point to acquire knowledge and skills at a faster rate.

Technology provides better access to information; especially electronic resources play a vital role in supporting academic activities and research. Recent studies demonstrate that academic users have becomemore dependent on article databases and electronic journals to obtain information pertinent to their needs. The printed resources are now being digitalized which has increased the availability of books and journals in the electronic format.

Providing access to E-resources is a service to help library users find E-Databases, E-Journals, E-Magazines-Books/ E-Audio/ E-Images, Data/ GIS, Digital Library Projects, Electronic Exhibitions, E-Subject Guide.

Traditional library resources are insufficient to meet current requirements of users. The increasing online environment has resulted in users, who are more technology savvy and are demanding and expecting more from the library. The potential of delivering information anytime (24X7) anyplace challenges libraries to re-examine how space is organized and used. It is necessary to create new modes to deliver services to the user Desktops even outside the campuses using the platform. As more resources are created via the web, issues arise related to search & access the same.

Users would like to see their library on the internet, able to meet their all information needs not only on demand but also in anticipation of demand. Besides this they would also expect to get comprehensive information on broader range of disciplines while a engineering college library could have good collection only in their specific discipline. Again it would be a big cause of users' dissatisfaction. But to overcome this problem engineering college libraries may have to have more & more electronic resources which shall help to offer new and more qualitative services to their users.

Books on Shelf

Department	Titles	Volumes
Department of Computer Science	509	2977
Department of Mechanical Engineering	482	2830
Department of Electronics & Communication	577	2800
Department of Electrical & Electronics	475	2340
Department of Civil Engineering	356	1555
General Books	589	1551
M.Tech - Digital Electronics	65	271
M.Tech – Machine Design	51	218
DVD/CDs		1225
Journals and magazines		72

Department of Mechanical Engineering

"Mechanical Engineering is the branch of engineering that involves design, production, operation of machines and tools"

The Department was started in 2010-11. The department is recognized for PhD program in its folds. The strength of the department is its intellectual capital. The department is a blend of faculties from the diversified fields and it has well established infrastructure and state of the art laboratories to cater the present day requirements. Every effort is made to bridge the gap that exists between academics and the rapidly evolving global needs of industry and society. The main motto of the department is to prepare industry ready engineers with professional and ethical responsibilities. In order to achieve this, several Memorandum of understanding (MOU's) has been signed with industries and training institutes.

Mechanical engineers require a solid understanding of key concepts including mechanics, kinematics, thermodynamics, energy and manufacturing. They use these principles in the design and analysis of automobiles, aircraft, heating and cooling systems, buildings and bridges, industrial equipment & machinery, and many more.To ensure that the students to learn the latest technological advancement in the field of Mechanical Engineering, they are encouraged them to attend various seminars, guest lectures, workshops and industrial visits.

Department Activities

Memorandum of Understanding (MoU) with Industries

The Department and the Prolific Systems & Technologies private limited signed a MoU on 13th Nov 2017. Prolific System and Technologies will conduct Training programs for the Final year Mechanical students.

The Department and CADD Centre (Asia's Largest CAD training network, dedicated to provide CAD education) signed a MoU on 8th Feb 2017 .

The Department and GT & TC, Mysuru , signed a MoU 8th Feb 2017 is an autonomous society and a recognized Scientific and Research Organization by the Government of India. More than 50% of the student has undergone internship program in GTTC to enhance the knowledge

Advances in Metrology

One day workshop on "Advances in Metrology" on 8th Apr 2017. The objective of the workshop is to provide an opportunity to acquire knowledge about Understand metrology, its advancements & measuring instruments, understand the concept of GD & T etc. This workshop gives a platform to learn and share about advance technologies of research in the area of metrology.

"Yantrix-17" -State level Intercollegiate Project Exhibition and Competition

Projects exhibited by the students of ATMECE and other colleges from Karnataka. Around 50 teams were participated in the event held on 26th May 2017. Dr Sudev L J, prof. and Head VVCE, Mysuru, addressed the students about the importance of projects.

Agricultural Exhibition Participation

Cauvery Gramina Bank has organized the agricultural Exhibition fair in Varuna village on 3rd Aug 2017 & 6th Oct 2017 at the Government Pre university College Ground in Varuna Village, Mysuru. A few faculties have participated in Agricultural Exhibition fair (Krishimela). Moreover it plays a pivotal role in transfer of technologies to the end users. To create awareness amongst the farming community on judicious use of natural resources.

Knowledge Enrichment Program

"Knowledge Enrichment Program" for 2nd and 3rd year students held on 23rd Aug 2017. Mr B R Ram, National Head, CADD Centre, addressed the students and spoke on various advanced Design and Analysis Software.

Opportunities and facilities at GT & TC

A guest lecture on "Opportunities available at GT & TC" to create awareness on various training courses available for engineering students in the field of Laser, CAD, CAM and CAE at GT & TC, Mysuru, on 7th Sep 2017. The resource persons were Mr Prakash K L, Deputy General Manager, GT & TC, Mysuru and Mr Ramesha N, Principal, Skill Centre, GTTC, Mysuru.

Ayudha Pooja Celebration

As it is a tradition in our department to celebrate Ayudha Pooja Festival, this year also the festival was celebrated on 28th Sep 2017. During the occasion Final year students and Faculties have felicitated our honourable Principal Dr L Basavaraju for his constant encouragement and support to our department over the years.

ANSYS Awareness Program"

ANSYS awareness program was organized on 9th Oct 2017. The objective of the Program is to provide an opportunity to acquire knowledge about ANSYS Software. This program gives a platform to learn and understand the importance of ANSYS in the area of analysis.

The awareness on ANSYS software was given by Nirmal Kumar Balagur, Application Engineer and Tech support Lead, ARK Info solutions pvt. Ltd.

Industrial visit to TVS motor Company Ltd.

Industrial visit was organized on 28th Oct 2017 for 3rd sem students at TVS Motor Company Ltd, Nanjanagudu. This company has a two wheeler manufacturing unit of various models like TVS Jupiter, TVS Apache, TVS XL Heavy Duty and TVS scooty.

A Five day Faculty Development Program on "An Overview of Design of Machine Elements-II"

It was organized during 16th to 20th Jan 2018. The Program was intended to enhance the knowledge of Design of machine elements II.

The resource persons were Dr C V Venkatesh, Professor& Head, MCE, Hassan. Dr P L Srinivasa Murthy, Professor, MSRIT, Bengaluru. Dr B K Sridhar, Professor, NIE, Mysuru.

Dr T Krishna Rao, Professor & Head, Global Academy of Technology, Bengaluru. Dr Shanmukha Nagraj, Professor, RVCE, Bangalore. Dr G B Krishnappa, Professor & Dean, VVCE, Mysuru. & Mr Sandeep Kumar M, Deputy Manager Design, Triveni Engineering and industries Mysuru. And also one day Industrial Visit to Hindusthan Springs pvt ltd, Yadavagiri, Mysuru Triveni Engineering and Industries ltd, Mysuru.

Technical Talk on "After Market Services"

A Technical Talk on "After Market Services" has been held for final year students on 8th Feb 2018. Aravind Levakumar, Business Development Manager, VFS Technologies Pvt. Ltd and his team addressed the students that as the Global manufacturers are increasingly looking upon After-Market functions as a strategic line of business, it is leading to increase in revenue with enhanced service capability.

One day Work shop on "Non destructive testing for Mechanical Engineers"

One day Work shop held for 6th semester students on 28th Feb 2018 to ensure the benefits of "Non destructive testing for Mechanical Engineers" by Madhusudhan & Dharma, IRIS.

MECHTRIX-2K18

A two day technical fest was organized on 19th & 20th Mar 2018 at the Departmental level. It was a technical fest for the students comprises various competitions like Technical Talk, CAD war, Fit to limit, Turn on lathe, Truss stress, Treasure hunt, Slow Moto race and Poster presentation. Students from various institutions have participated enthusiastically and have carried out very gracefully.

Student Achievements

- Md. Umar Shariff, Syed Madani, Syed Ikhtair Kashif and Siftain Khan,presented a Technical paper on a topic "Computer Numerically Controlled Multi Operational Machine" in ICETME, held on 27th and 28th of Dec2017 at CIT, Mandya and bagged "Best Paper Award" .

- Syed Madani, 3rd year has participated in state level symposium held on 10th Oct2017 at ATMECE, Mysuru. Secured 1st place.

- Four project batches of our students have received fund from the Karnataka State Council for Science and Technology (KSCST) under the guidance of Mr Mohankumara K C, Mr Yathisha N, Mr Rakshith N and Mr Swarnakiran S.

- "Design and Fabrication of coin operated portable water vending machine ", recieved the best project of the year, under the guidance of Mr Rakshith N.

- Mahendra, Mr Manjunath S & Manohar H S,"Design and fabrication of Mini Tiller" participation in state level Project exhibition conducted at VVIET Mysore on 31st May 2017 and have bagged 3rd price.

- Mr D V Raghu, Gayaz Md, Md. Mohiyuddin & Yasear ahmed, "Design and Fabrication of Coin Operated Portable Water Vending Machine" Project program Exhibition held at NMAMIT, NITTE on 11th & 12th Aug 2017. This project was adjudged as one of the outstanding projects of the year and was selected for the "Project of the year 2017".

- Students participated in Skill development systems for work force Engineers and managers, held at ALVA'S Institute of engineering and technology, Moodbidre on 20th to 22nd Apr 2017. Secured 2nd place.

Casting the World, Forging the Campus, Shaping the Universe, Welding the rest of all Branches, Because, We are the Men, We are the Machine and We are Mechanical Engineers.

Toppers
2016-17


Ms Niveditha L
IV Year-84%


Ms Manoj S
IV Year-82%


Mr Abhilash L
III Year-78%


Ms Sagar M K
III Year-75%


Mr Harron Hakeem A
II Year-8.14SGPA


Mr Adarsh Gowda C M
II Year-8.11 SGPA


Ms Asha D
I Year-8.74SGPA


Mr MD Faraz Ur Rahma
I Year-8.75 SGPA

Outgoing Batch 2018 (A Section)

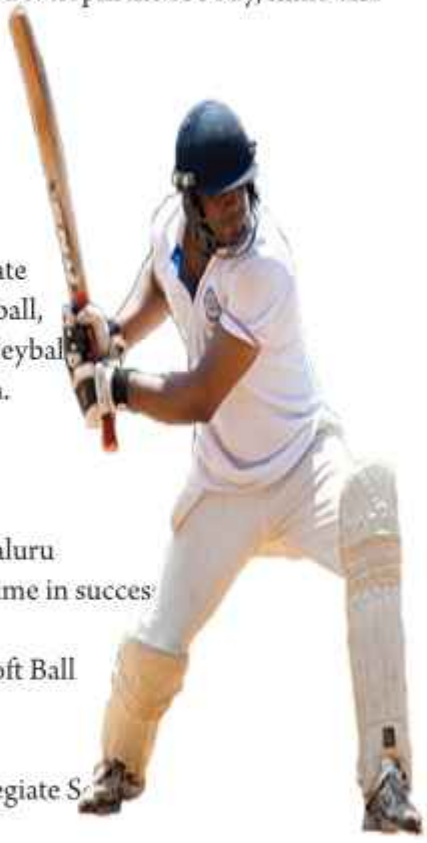
Outgoing Batch 2018 (B Section)

Department of Physical Education

ATMECE mission is to foster a "Culture of Fitness" for students, faculty and staff.

We pursue this mission not only because fitness is a key component to a well-rounded liberal arts education, but because recent research shows that regular physical activity enhances memory, improves cognition and problem-solving abilities, and elevates one's overall sense of well-being.

To prepare physical education leaders of high academic caliber, with a holistic development of body, mind and spirit nurtured with a strong commitment to serve humanity. I am very happy to present the annual sports report for the year 2017-2018. Our college students have brought laurels by participating and winning in various sports and games organized by VTU and University of Mysore.



The college had participated in VTU, Mysore city intercollegiate tournaments conducted by University of Mysore and Mysore Dasara district division and state level competition in the following sports/games like Cricket, Football, Basketball, Baseball, Handball, Softball, Athletics, Youth Festival, Table Tennis, Chess, Volleyball Hockey, Kabaddi, Best Physique, Weight Lifting and Power Lifting competition.

Sports Achievement in the year 2017-18

- Soft Ball Men Team secured 1st place in VTU Inter Collegiate Rest of Bengaluru Zone Soft Ball Championship 2017-18 organized by NIE IT, Mysuru. (4th time in succes
- Soft Ball Men Team secured 3rd place in VTU Inter Zone Inter Collegiate Soft Ball Championship 2017-18 organized by Acharya IT, Bengaluru.
- Softball Women Team secured Runners-Up in VTU Single Zone Inter Collegiate S Ball Championship 2017-18 organized by Acharya IT, Bengaluru.
- Soft Ball Men Team secured First place for the 4th time in Succession in MCICT Inter Collegiate Soft Ball Championship 2017-18 organized by St. Joseph FGC, Mysuru.
- Cricket team secured 1st place in VTU Inter collegiate Mysuru Zone Cricket Tournament organized by NIE IT, Mysuru.
- Cricket team secured 2nd place in BOX CRICKET Inter Collegiate Cricket Tournament organized by SDMIMD, Mysuru.
- Softball Women Team secured Runners-Up in MCICT Inter Collegiate Soft Ball Championship 2017-18 organized by St. Jospeh FGC, Mysuru.

- Softball Men Team secured Runners-Up in Open State Level Inter Collegiate Soft Ball Championship 2017-18 organized by Caspian Sports Club, Bengaluru.

Softball Women Team

Cricket team

Softball Men Team

University Representatives

Sl. No.	Name	Designation
1	Huda Mohsin	Cricket & Handball
2	Megana Urs T R	Cricket & Softball
3	Praful M Dev	Softball
4	Tiju Joseph T P	Softball
5	Karthik M U	Softball
6	Sachin S	Softball
7	Rachana Y L	Softball
8	Megana Reddy M	Softball
9	Prapulla K	Softball & Handball
10	Hemanth Kumar A M	Cricket

A laureate
that brought pride to atme family


Huda Mohsin


Megana Urs T R


Prapulla K


Tiju Joseph T P


Karthik M U


Praful M Dev


Sachin S


Rachana Y L


Meghana Reddy M


Hemanth Kumar

Department of Training & Placement (TAP)

The main objective of TAP department is to provide placement for our final year BE students in competitively good companies by identifying their knowledge skills, attitude matrices of every individual student and creating a job profiles for them. Considering job market, the department identify areas of training on domain specific, formulate sequence of activities to meet the training and appropriate placement. The following training will be conducted by industry trained experts from first year itself continued to second, third & final year BE course.

SAPience Academy, Mysore trains the first year students on Business English Skills. Seventh sense Solution, Bangalore trains the second year students on Personality Enhancement. CareerPrime, Mysore trains the third year students on Aptitude Enhancement. Seventh sense Solution, Bangalore trains the fourth year students on Pre-placement Training.

The department has established strong interaction between Institute & Industry that provide our students an ample opportunity for a better career path and developments. Our endeavors are developing a professional attitude and ethics, good personality, team building, group activations, mock interview/GD sessions and leadership abilities among students. The technology is varying swiftly, with the result the stipulation of industry also changes incessantly. We provide an edge by way of lectures/seminars/conferences etc from reputed dignitaries/industries and achieve our goals. This academic year more than 53 companies have conducted both campus/pool drives & 138 students were placed. Each student from circuit branches has got more than 10 placement opportunities in all levels of companies, however 1 student : 1 job placement policy observes uniformity among students and recruiters have commended as it ensure man power to them.

The department has well developed placement network with TPOs of VTU and also others from different southern & Northern states.

The department is well furnished with infrastructure facility - Auditorium with LCD, PA system, seating capacity 350 students, 150 computer systems for On-line test with 100 MBPS capacity, GD rooms, interview panel rooms to meet the requirements of campus drive.

The department is assisted by a committee comprising of faculties & representatives of students. The committee evolves a broad policy framework every year besides a set of rules are inviolable. Student members are closely co-opted in implementing these policy decisions.

THE BRIGHT FUTURE THAT AWAITS US TOMORROW DEPENDS ON OUR HARD WORK TODAY

Being a women in 21st Century...

Boon or Bane

Mankind has existed for almost a billion years now. It survived stone age. It survived ice age. It survived two world wars and yet, it still hasn't progressed. That doesn't sound right does it? We have progressed, although superficially. Yes, we have made leaps in technology, we have uncharted unknown places yet when you look closer you realize that we have a huge gap to be covered. Gender Equality or more specifically treating a woman as equal as a man.

Now don't take me wrong. Woman have reached levels of success which few would have only dreamt of a century back. They have proved their worth no matter in which field they have stepped in. But they still haven't won have they? The fight for equal pay for example still goes on.

Of course right now I'm just talking about the topics present at the tip of the iceberg. Cause all these are the topics are the ones which you tend to debate on, protest on whereas there's an entire set of topics still considered as a taboo to talk on. But one such taboo shook the world to the core on 16th Dec 2012, the day associated with girl who was later appropriately named Nirbhaya.

This was the first event which came into light and made everyone doubt on humanity and well, it was supposed to be the first and last of it's kind but alas that was just a part of an Utopian Dream. Cause if anything the number of violent cases against women have only increased in the past 6 years. And still the first question that arises is whether it was the girls fault...

Now the major question we should ask ourselves is.. Who failed her? Was it the system of beaurcracy and Legislation? Or did we as a society fail her?

And yet this was the situation 6 years ago and to this day it has only gotten worse. If this sounds too extreme, let's look at something much lighter yet something just as important.

Now this to all the boys out there.

Ask your female friend or sister how many message requests she gets in a day. There will be more messages than you ever got in your life.

Now I'm not blaming any of you but the reaction that we give when they reject our message requests?

We body shame her, harass her, call her names and embarrass her wherever possible.

Now again, not everyone does this but a majority of people do and a girl never reveals it too.. She silently endures all the harassment and pain. Now this begs the question..

Should the girls get brave and raise their voice or should we finally teach the boys to "Don't make a girl cry" rather than the age old philosophy of "Don't cry like a girl".

So look again. How far have we progressed?

If we live in a country where a girl has to think twice before letting her hairs open, if she has to accept every friend request with a fear that this guy might harass me later, or with every step her eyes are on the look out for intruders....

Ask yourself again...

Have we progressed?

If yes.. Is it for the better or worse?

Or is this the worst?

Think again. Look closer. The world isn't what it seems?

The dark alleys aren't what it seems?

Or is it simply the fact that..

People aren't what they seem?

"I raise up my voice-not so I can shout, but so that those without a voice can be heard...we cannot succeed when half of us are held back."

Malala Yousafzai

Concorde

Legacy of the supersonic marvel

Beautiful and powerful, the delta-winged aircraft took the public by storm. Its performance targets of Mach 2 and a range of 6,000 km for around 100 passengers were only met at the cost of technical efforts unheard of at the time. Equipped with slide rules and first-generation computers powered by 4 Rolls-Royce supersonic propulsion engine, French and British engineers managed to overcome every obstacle one by one. One of its kinds only 14 Concorde's were put into service. Here are the extremely interesting facts about Concorde.

According to strategy to build up the international relationships between the governments of France and Britain two companies merged into one during the expansion (British Aircraft Corp and France's Aerospatiale) and started to work on planes. An aircraft was built by French and British engineers and the first successfully flight was occurred in October 1, 1969. In both French and English name "Concorde" means agreement.

Mainly consisted of nine crew members: two pilots, one flight engineer and six flight attendants. Concorde used to fly 100 passengers (40 in the front of cabin and 60 in the rear cabin).

Minimum take-off speed of 220 knots (250 mph) and a cruising speed of 1350mph – more than twice the speed of sound. Its landing speed was 187 mph.
Upfront on verticals the Concorde used to reach to 60,000 ft, a height of over 11 miles. So passengers were able to see curvature of the Earth sipping exotic champagne served on board giving a feel of being in space ship for a while. Due to the intense heat of the airframe, an aircraft used to stretch anywhere from 6 to 10 inches during flight.

Its top speed is actually limited by temperature, not power. At Mach 2.0, the friction from moving through the air heats the aluminum skin almost to the point at which it begins to soften.

Lacquered in a special white paint to adapt temperature changes and to dissipate the heat generated by supersonic flight.
Unique supersonic aircraft not only was carrying passengers – aircraft was used to transport diamonds and human organs as well.

During its life span, Concorde had over 50,000 flights. 2.5 million passengers flew supersonically with Concorde.

One of the most fascinating Concorde's flight was the first round the world flight by a BA Concorde on November 8, 1986. An airliner flew 28,234 miles in 29 hours 59 minutes. Dunlop specially developed a set of carbon brakes to cope with the immense heat generated by the increased landing speed. Slowing a large jet from 170 mph isn't the easiest thing in the world to do. These brakes are now adopted in formula one cars. Not everyone loved the plane and there was actually something called the Anti-Concorde Project. It held serious sway in numerous countries, too. The skyrocketing costs combined with fear of damage from sonic booms ultimately resulted in strong enemies. Concorde was prohibited from supersonic flight over a slew of countries, including the U.S.

The worst day in Concorde's history was on July 25, 2000. A flight departing from Paris ran over a piece of titanium that had fallen from another aircraft. It burst the tire and resulted in the fuel tank igniting. The plane crashed killing all on board triggering a major chaos demanding its shutdown due to zero survival and heavy financial implications.

The last commercial Concorde's flight was from New York to Heathrow on October 24, 2003. By the time these flights finished, it was the last aircraft which had flight engineers as part of the crew. All the 14 planes were taken away from service and sent to aviation museums reminding its legacy.

Concorde had a supersonic arch rival from the Soviet Union. The Tupolev Tu-144 hit Mach 2.0 before Concorde, and decades later it was used by NASA for research. Converted to today's dollar, each plane cost the equivalent of nearly $200,000,000. That's more than an F22 Raptor.

Adjusting inflation a two way ticket from Paris to New York coasted an equivalent to Rs. 14,00,000/- and takes a time of around 3 hours to fly over Atlantic which in a normal passenger planes takes a little over 8 hours. Startups like Boom and members of the Concorde Group are hoping to make supersonic travel a reality again some day soon. Airbus even has a patent for the Concorde-2, a smaller "rocket" that could carry a couple dozen passengers at 4.5 times the speed of sound. But until anyone finds a way to make it financially viable, the Concorde and all its trappings will remain nothing more than a museum relic, and a memory of the good life.

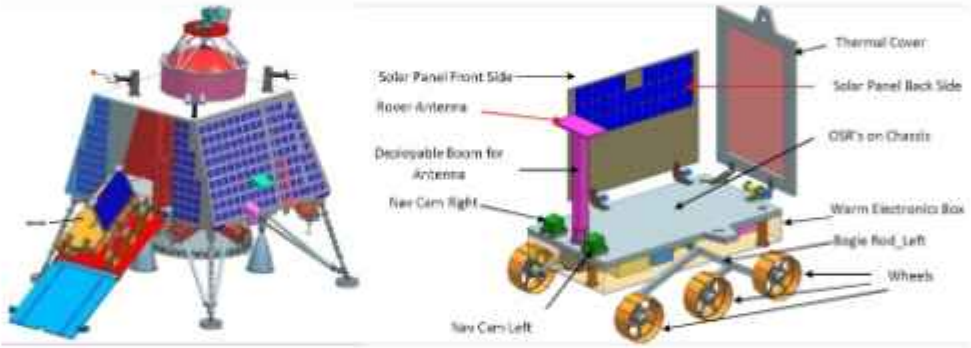
Deepak M V S
AP, ME

The top upcoming projects from ISRO?

Exactly a year ago on this day Indian Space Research Organisation (ISRO) captured the entire world's attention with successful launch of a record 104 satellites. Now, after a splendid year in 2017, it is all set to begin 2018 with a bang. In fact, it already did when on January 12 its old warhorse Polar Satellite Launch Vehicle, in its 42nd flight (PSLV-C40), successfully launchedthe 710 kgCartosat-2 Series Satellite for earth observationand 30 co-passenger satellites together weighing about 613 kg at lift-off. From landing a rover on Moon, to doubling the number of PSLV launches to launching one satellite per month, ISRO has set an ambitious target for itself in 2018. Here is a list of top upcoming projects from ISRO in times to come.

CHANDRAYAAN-2

ISRO is getting ready to land its very first lunar rover by the end of March 2018, five years after the last landing by China. This will be ISRO's first attempt to get a more delicate and precise up-close look at the lunar surface, after its first lunar probe Chandrayaan-1 which had managed to enter the lunar orbit and had detected some "magmatic water" on a moon crater, unfortunately, crashed into the Moon in November 2008, a few months after its launch.



According to ISRO, Chandrayaan-2 mission includes three unmanned vehicles including an orbiter craft that will hover above the surface of the Moon, a lunar rover, and a lander that will land the rover on Moon. The rover will explore the lunar crust and the mantle while the orbiter is designed to make a detailed three-dimensional map of the lunar surface.

According to the annual report of the Department of Space, Government of India, the development of payloads for Chandrayaan-2 Mission is progressing and characterizations of these payloads are being carried out. The engineering models of these payloads have been developed and the qualification and flight models are nearing completion.

GSLV Mk III

So far ISRO has made a mark in the launch arena with its warhorse PSLV which through consistently delivering various satellites to Low Earth Orbits (LEO), particularly the IRS series of satellites. But to play a leading role in the global launch industry requires ISRO to build heavier rockets to launch heavier payloads into space. PSLV can take up to 1,750 kg of payload to Sun-Synchronous Polar Orbits of 600 km altitude. But the Geosynchronous Satellite Launch Vehicle Mark III, also referred to as GSLV MK III, is designed to carry 4 tons into Geosynchronous Transfer Orbit (GTO where all the communication satellites have to reach to

the 36,000 km circular orbit), or about 10 tons to Low Earth Orbit (LEO), which is about twice the capability of GSLV Mk II.

The rocket which was successfully tested on June 5, 2017, when GSLV-MkIII D1 Mission could successfully launch GSAT-19 into GTO. This was the first full-fledged GSLV Mk III mission with its C25 cryogenic engine and stage that proved to be successful in demonstrating the capability of putting 3.2-ton class of satellite into GTO.

GSLV Mk III is now slated to launch NISAR — the NASA-ISRO joint mission that entails launching an advanced satellite into orbit in 2021.The next step after GSLV Mk III will be able to lift 6.5 ton, which is what ISRO will require if it is to send humans to the moon, which although has no timeframe yet. GSAT-29, a communication satellite, will be the payload for second developmental flight of GSLV-Mk III. GSLV-MkIII-D2/GSAT-29 Mission is scheduled to be launched during the first half of 2018.

SEMI-CRYOGENIC PROJECT

After the much-celebrated launch of Falcon Heavy by SpaceX came the news that ISRO is also working on developing a super-heavy launcher that can carry payloads as heavy as 50 to 60 ton. "Right now, we are developing a semi-cryogenic engine, which was approved some time back. Next, we must propose [for funding approval] a full semi-cryogenic stage," ISRO Chairman K Sivan said.

There is no clear time frame or cost estimate for it, but if approved, it would be a single, innovative, two-stage vehicle, which would cater to all demands. The present plan is to try out the semi-cryo stage at the core of Mk III in place of its liquid fuel engine, without changing the design. This would raise its muscle power 50% from four to six ton. Gradually this would be enhanced to 10 ton and eventually 50 to 60 ton. This would be done by developing a modular super vehicle with many additions or strap-ons built around the main structure. Falcon Heavy used a similar tactic, according to Dr Sivan, who oversaw preliminary semi-cryo related works while he was ISRO's propulsion head until recently.

The project envisages the design and development of a 2000 kN semi-cryogenic engine for a future heavy-lift launch vehicle. The semi-cryo engine development has moved from design and hardware realization phase to testing and verification phase, and most of the hardware are in the advanced stage of completion. Integrated engine test facility for testing the engine is under construction.

REUSABLE LAUNCH VEHICLE

ISRO has already successfully tested its first winged-body aerospace vehicle in 2016. Once completed, the Reusable Launch Vehicle (RLV) own admissions is going to be a two stage to orbit system, like the Falcon 9. The 2016 RLV test demonstrated what is supposed to be the first stage. It takes off vertically using conventional rocket technology and once it reaches Mach 4, the supersonic combusting ramjet or Scramjet engines kick in to accelerate the vehicle to Mach 8–10. As opposed to a conventional rocket engine, a

Scramjet engine collects air from the atmosphere at supersonic speeds, which then passes through the combustion chamber, where it will combust, expand and then be exhausted at supersonic speeds all in less than a millisecond.

The technology, when developed completely, would launch spacecraft, including satellites, into space and re-enter the earth's atmosphere withstanding extreme pressure and heat conditions and land in an intended spot, helping to cut costs on launch vehicles substantially.

In the next phase, it is proposed to design and develop scaled-up version of RLV and carryout an orbital re-entry experiment. The landing site has been identified for configuring landing runway with land based navigational aids for an autonomous descent and land experiment. For unmanned landing, land based navigational aids and associated systems have to be established.

ADITYA – SOLAR MISSION

Aditya is ISRO's probe mission to the Sun by 2019-20. It was conceived as a 400kg class satellite carrying one payload, the visible emission line coronagraph (VELC) and was planned to launch in a 800-km low earth orbit. The mission, originally named Aditya-1, has now been revised to Aditya-L1 mission, and will be inserted in a halo orbit around the L1, which is 1.5 million km from the Earth. The satellite carries additional six payloads with enhanced science scope and objectives. The main objective is to study the Coronal Mass Ejection (CME) and consequently the crucial physical parameters for space weather such as the coronal magnetic field structures, evolution of the coronal magnetic field etc. This will provide completely new information on the velocity fields and their variability in the inner corona having an important bearing on the unsolved problem of heating of the corona would be obtained.

These payloads taken together are expected to provide a comprehensive understanding of how solar flares originate and propagate.

In addition, the charged particle detectors and the magnetometer payloads can provide information on in-situ charged particles and the magnetic field which emanate from the eruptive events. To enable this, the Aditya-L1 spacecraft is to be placed in a halo orbit around the Sun-Earth Lagrangian point 1 (L1) which is about 1.5 million km from the Earth.

Launch of the Aditya mission was planned during the high solar activity period in 2012 but was postponed due to the extensive work involved in the fabrication and other technical aspects. Preliminary design review including payloads has been completed. Spacecraft configuration, thermal analysis, payload interfaces and mounting locations have been finalized for the mission.

MARS & VENUS MISSIONS

ISRO expert committees have already reviewed the proposals received against the announcement of opportunity for developing scientific payloads for the future Mars orbiter mission. The committee selected a dozen scientific payloads for development and the mission will be focussing more on science in order to study in depth on the Martian surface, atmospheric / exospheric and ionospheric features.

Configuration study of the satellite to accommodate the selected payloads is under progress.

Meanwhile, the selection process for finalizing the scientific payloads for the future Venus Mission is underway. The expert committee has reviewed the proposals received against the announcement of opportunity for developing scientific payloads and short-listed few proposals for the final selection.

Impana Appaji
AP, CSE

Space is My Mistress

Space is my Mistress,
and she beckons my return.
Since our departure I think of you
and yearn to fly across the heavens arm in arm.
I marvel at your figure,
defined by the edges of continents.
You gaze at me with turquoise eyes,
perhaps mistaken for ocean atolls.
You tease me to fall into your bosom,
sculptured by tectonic rifts,
only to move away as if playing some tantalizing game.
Time and time we turn together,
through day, and night, and day,
repeating encounters every 90 minutes with a freshness,
as if we have never seen our faces before.
We stroll outside together,
enveloped by naked cosmos,
filled with desire to be one.
So close,
you sense my every breath,
which masks your stare through visor haze.
We dance on the swirls of cloud tops,
while skirting the islands of blue.
You know my heart beats fast for you.
Oh, Space is my mistress,
and when our orbits coincide,
we will once again make streaks of aurora across the sky.

Shazia Baig
4th Sem A, CSE

The Water Scarcity

There are millions of people all over the world who don't have access to water, or, if they have access, that water is unable to be used. About 70% of the Earth's surface is covered with water and 3% of it is actually freshwater that is fit for human consumption. Around two-thirds of that is tucked in frozen glaciers and unavailable for our use. According to WWF, some 1.1 billion people worldwide lack access to water, and a total of 2.7 billion find water scarce for at least one month of the year.

Clean drinking water is scarce and there are millions of people across this globe who spend their entire day searching for it. Yet, people who have access to safe, clean drinking water take it for granted and don't use it wisely.

Water scarcity involves water crisis, water shortage, water deficit or water stress. Water scarcity can be due to physical scarcity refers to a situation water scarcity and economic water scarcity. Physical water where natural water resources are unable to meet a region's demand and economic water scarcity is a result of poor water management resources.

"Water scarcity is the lack of sufficient available water resources to meet the demands of water usage within a region. It already affects every continent and around 2.8 billion people around the world at least one month out of every year. More than 1.2 billion people lack access to clean drinking water."

Causes of Water Scarcity

Overuse of Water: Water overuse is a huge issue that a lot of people are dealing with. It may be overused on people, animals, land, or any other number of things. It may also be used for recreational activities without any care about the effects that it may have on the world around them.

Pollution of Water: Water pollution is a huge problem, especially when you're looking at areas that don't necessarily have a good sewage system. Pollution can be anything from oil, to carcasses, to chemicals, and to fecal matter. No matter what it is; it makes a lot of issues for the people who may need to use it.

Conflict: If there is conflict over an area of land, it may be difficult to access the water that is located there. In the worst case scenarios, people could end up dying if they try to access the water in these areas (due to violence). This can result in a variety of other issues, including pollution, which we discussed in the previous point.

Drought: A drought is, in short, an area which is not getting enough rainfall to be able to sustain the life that is residing there. Some areas are in perpetual drought, whereas other areas may be dealing with a drought on occasion. Droughts are common all over the world, and there is little that can be done to prevent such things from happening. Governmental Access.

In some countries, specifically those with dictatorships, the use of water may be strictly controlled by those in power, causing a scarcity for those who may be located in those areas of the world. These governments use it as a source of control over those that they are governing, which can be a huge problem.

Effects of Water Scarcity

Lack of Access to Drinking Water: The biggest problem that happens when you have water scarcity is that people are not able to get fresh, clean drinking water. The human body can only go so long without water, and a lack of drinking water can result in a number of other problems, which we discuss below.

Hunger: If there is no water that can be used in order to help water the crops, then you are going to have people that are going hungry. Animals will also die, which will result in a lack of meat as well. Water scarcity, in short, causes starvation to occur en masse for both people and animals that are located in the area.

Lack of Education: Water scarcity makes it difficult for people to get the education that they need or that they deserve. Why? Mainly, because those children are either too sick to go to school (which we will discuss below), or they are working to help get water to the home and the family.

Diseases: If you don't have clean water access, then you will be more likely to get diseases from the water that you do have. Whether you're drinking the water or using it for bathing, those diseases will get into the body and, in a number of cases, the people carrying those diseases will pass away.

Sanitation Issues: Without access to clean water, there is no way to clean food, dishes, or people. When people are not given access to proper sanitation, disease (which we talked about above) ends up becoming much more of an issue than it would have been otherwise. It also causes mental health issues, including depression and anxiety.

Poverty: All in all, people who are dealing with water scarcity are often stuck in poverty as well. These people are not able to get the resources that they need in order to be able to thrive, and instead are just barely surviving through these difficult times.

Solutions for Water Scarcity

Education: There are plenty of opportunities out there that people can use in order to learn more about the world around them. By educating those who are not dealing with water scarcity, they can be in a position to help. Those who are dealing with it can get educated on how they can prevent the problem from becoming even worse in the future.

Recycle Water: There are plenty of technologies out there that allow you to recycle rainwater and other water that you may be using in your home. Consider learning about how you can recycle water. Not only does it help to prevent scarcity, but it can save you some money as well.

Advance Technology Related to Water Conservation: There has been a lot of work in the world of water conservation, but there is also a lot that needs to be done in order to ensure that the rest of the world is able to conserve water. Putting money and effort into conservation could be life saving.
Improve Practices Related to Farming: Farming and irrigation are often a huge culprit when it comes to water scarcity. Because of that, we need to improve practices so that we don't potential. Technology also needs to advance in this manner. use as much water and those who are using water are using it to its fullest

Improve Sewage Systems: Clean drinking water starts with a good sewage system. Without proper sanitation, the water in an area becomes ridden with disease and any number of other problems. By improving the sewage systems in these areas, we can prevent water scarcity from becoming any worse.

Support Clean Water Initiatives: There are organizations located all over the world that are looking to bring clean water to areas that don't have it. Consider donating to these organizations, either with your time, your skills, or your finances (whichever you can afford to give to them).

So, as you can see, there are a lot of things that we need to consider when we're looking at water scarcity and how we can deal with it. If we start to look at this issue as a whole, and we work hard to make sure that we are able to make a difference when it comes to this widespread issue, we're going to be in a much better place to help people all over the world in preventing this issue from getting worse.

Manu Vijay
Associate Professor, CV

Smart Contact Lens Doubles as Blood-Sugar Monitor

A new contact lens tests tears to tell wearers when glucose levels drop, so there'll be no more need for painful finger pricks. Smart contact lenses with embedded electronics just got a lot more practical. Korean researchers have designed a stretchable contact lens that can monitor glucose without distorting the wearer's vision.

Zoya Akram
4th Sem B, CSE

The device contains all the electronic components needed to wirelessly receive power, monitor glucose levels, and generate an LED display, while maintaining the soft, stretchable, and transparent qualities of a contact lens that people might actually be willing to wear.

"This gets close to a solution that you can imagine a patient using".

Many people with diabetes must monitor their glucose throughout the day with finger-stick blood tests. A contact lens equipped with tear collecting sensors would provide a non invasive alternative a way to passively track a health condition without having to constantly think about it.

They tend to have electronic components fabricated on hard substrates that are inserted into a contact lens. The result is a contact lens that is brittle and can break down over time, and can also impede the user's field of vision.

In segments of rigid electronic components, including circuits, antennas, LEDs, and sensors, are isolated into "islands" interconnected by stretchable conductors. Between the islands is a soft, elastic material. The pattern, which looks a bit like the spots on a giraffe, distributes mechanical strain. That protects the electronics from being deformed when the contact lens is handled by the user.

The group also managed to match the refractive indices of the islands and the elastic material, minimizing the scatter of light and improving transparency.

"It's a robust design"

When the user's glucose levels are normal, the LED light stays on, and when levels move out of the normal range, the light turns off. Also software app is used that will also indicate glucose levels. The scientists tested the lens on a rabbit for 5 hours, and found that it did not cause irritation. They also aimed a camera through the lens and took pictures, reporting that the clarity was good.

A drawback of the design is that it requires an external power source to be held at a maximum distance of 9 millimetres from the contact lens. The antenna is made of long metal nanofibers that are stretchable and invisible to the user, have lower conductivity and need to operate at lower frequencies. This means that the power-source coil must be closer to the lens.

The antenna concept is one in which they developed a film made of graphene and silver nanowires that served as transparent, stretchable electrodes. The lenses can monitor glucose and dispense drugs.

How to manage self-motivated, intelligent workers

There's an emerging type of worker who usually knows more about their job than anyone else in the organisation and is not likely to suffer fools gladly. This type of worker is difficult to manage as they don't consider themselves to be subordinates in the traditional sense.

Professor Peter Drucker called these employees "knowledge workers", in a book on future management challenges, published in 1959, titled Landmarks of Tomorrow. Knowledge workers are skilled, motivated, challenge-seeking people who convert ideas and raw data into valuable knowledge.

The proportion of these workers in the total workforce in Australia is rising consistently over time. So one of the problems for managers today is how to lead these workers to be more productive. This means knowing how to get people to want to do, what you want them to.
A broad review of the literature reveals there is a common set of leadership principles that can be applied to these workers. These factors are moderately consistent across culture and time. If managers can emulate them, they are more likely to be perceived as someone to follow by knowledge workers and others.

Vision
At the very heart of leadership is the ability to articulate a vision of the future that inspires people and makes them want to get on board. With knowledge workers, it is necessary to first find out what their beliefs are and include these in your vision.

The collective views of the knowledge workers should be aggregated into a consistent theme that must broadly align with the organisation's priorities. There is no room for people wanting to go in different directions.

Warren Bennis and Patricia Beiderman explore the dynamics of knowledge worker leadership in their 1998 book Organizing Genius: The Secrets of Creative Collaboration. They examine six of the 20th century's most extraordinary teams, including the Manhattan Project and Lockheed's Skunkworks.

The Manhattan team described their leader J. Robert Oppenheimer as having an "intense presence" and a "poetic vision". One otherwise pragmatic scientist commented that in Oppenheimer's presence "I became more intelligent, more vocal, more intense, more prescient, more poetic ...." Oppenheimer clearly knew how to realise the potential of his knowledge workers.

Moreover, a leader skilfully uses multiple channels of communication to convey a consistent message that makes people feel good about working for the organisation.

Integrity
A leader is like the "first citizen" of an organisation, the embodiment of its values. They should be perceived by everyone to act consistently over time, with integrity and competence, in pursuit of the organisation's mission.

There should not be any disparity between what a manager says and what they do. Integrity leads to the gradual accumulation of trust that can be destroyed in a moment if a lack of integrity is evident.

Examples of leaders who fail the integrity test are not hard to find. Recent scandals like those at Volkswagen and Turing Pharmaceuticals are examples. Both point to a lack of integrity at the top that creates a business culture in which the end justifies the means.

In addition to trustworthiness, it also helps if a manager is highly competent with well-developed technical and interpersonal skills. These skills include being open to the truth, treating everyone fairly and equally and sticking to their principles.

Action-orientation and resilience

A manager should be seen to take direct action in pursuit of objectives. They should recover quickly from setbacks. They set a good example by maintaining forward momentum and don't necessarily blame competitors, the government or the universe when things go wrong.

Sir Richard Branson displayed these qualities in the now historic "dirty tricks" battle with British Airways in the 1990's. This is where British Airways sought to drive the smaller Virgin Atlantic out of business by mounting an campaign to poach passengers and undermine public confidence.
Branson was hard-pressed to survive the attack from his much larger rival but with resilient leadership and support from loyal staff, Virgin survived and ultimately prospered.

Considering workers as individuals Knowledge workers need to know that they are understood and valued as a whole person and not an expendable unit of production valued only for certain skills. The best course of action for managers in dealing with this is to encourage the worker to achieve goals with empathy and positive reinforcement.
Negative reinforcement should only used as a last resort as it can create resentment.
Intelligent adults tend to resent being treated like naughty children. The absence of positive reinforcement could also function in place of negative reinforcement.

Management-by-exception

Knowledge workers dislike being micro-managed. They value independence and work best when given the tools they need, the authority to make decisions and the space to get on with the job.
This means leaders should manage by exception, only stepping in when there is noncompliance with standards or more generally when the knowledge worker is not achieving the goals set out for them.
In the end, it is the steady force of the manager's attitude that trickles down over time and establishes the organisation's culture. To gain the confidence of knowledge workers, they take ultimate responsibility for what happens in the organisation, understanding that blame shifting is a failure of leadership as we saw in the VW case when the CEO put the blame on the engineers and technicians.

Rudresh A N
AP, CV

Youth and our country Destination

India is the second most populated country in the world with nearly a fifth of the world's population. According to the 2017 revision of the World Population Prospects, the population stood at 1,324,171,354. India has more than 50% of its population below the age of 25 and more than 65% below the age of 35. It is expected that, in 2020, the average age of an Indian will be 29 years, compared to 37 for China and 48 for Japan. Youths are the assets of our nation. Youth power is the most valuable and precious power. Youths are the manufacturers of our nations destiny. But their wrong path can decline the nations progress. Currently crime rate in our country has increased many anti-social activities like corruption, murder, rape, smuggling etc., have been increased. These are happening not only because of lack of education, but mainly due to awareness and lack of knowledge on importance of education. "Education without enlightment is like a lamp without wick". This sort of awareness is a must for our youth from within, because it is impossible to induce from any of the outer sources. Nowadays media plays an important role in attracting youths in maintaining good environment of the society and leading towards the path of principles of great leaders. Hence Media should focus on providing appropriate and valuable information.

Mahatma Gandhiji's dream of "Ramarajya" is still a dream. He said "If a girl has security to walk on the street at midnight alone, that day India gets complete freedom. But it is still remaining as an interrogative statement. India is only free from the hands of foreign dictators but not from the iron chains of its own internal problems. She can only be free if our youth are awakened about their responsibilities. This cannot be done successfully until we start from within individually. These are still more crucial problems that India is facing today. Who is responsible for this? It is certainly, we the citizens, mainly the youth of our Country. If we want to free India from tough iron chains, each and every citizen should be awakened. This is possible only when we are bounded to certain responsibilities and awareness about our duties. "A good beginning is a work half done", so let us all work together in this direction to achieve great success. If this happens, certainly no doubt India will be the most sophisticated and uncorrupted nation in the world. So, let us remember our former dynamic president Sir A P J Abdul Kalam saying "Never compare your talent with others, concentrate only on the talent what you have for better success and achievements.

Mandeep G
AP, CV

Why Bitcoin and Blockchain are safe

Darshan K M
6th Sem A, EEE

Quite recently, the Swiss multinational financial institution issues a report in which it was concluded that bitcoin, as well as blockchain, are relatively safe. Basically, a bitcoin is a type of currency that is digital and is used to regulate currencies when dealing with transfer of funds or banking. A blockchain on the other hand, is a digital ledger in which information about bitcoin transactions between any two institutions are recorded.

The bitcoin is quite remarkable when you look at the facts! Its value is likely to change as the rate of change is so rapid that its value changes thrice as much as the value of oil and nearly eleven times as much as the exchange rate between the British pound and the US dollar, post-Brexit according to the banks market research department.

An Immune Structure

The architecture of the bitcoin-blockchain seems to be immune. This is because the blockchain is not an interconnection between a series of individual accounts but is a record of past transactions. Whenever bitcoins are to be transferred by a user, all the different computers that run the bitcoin software process, will send a signature through an algorithm in order to check if the sender indeed has the bitcoins that he claims to have before the transaction. The next thing to be verified is the recipient which will be verified by a set of other computers. After this is done the computers having the bitcoin software, known as miners will start verifying the transactions. One of the miners will finish verifying the transaction first while the rest will validate this verification. Once all the miners have agreed on the verification, the miner that verified the transaction initially will receive the bitcoins and thus this increases the supply of bitcoins.

A Tough Challenge For Hackers

Technically speaking, it is possible to hack into a blockchain and change the records to make it look like there were past transactions of bitcoins. However, this would require a lot of computing power. Bitcoin users only verify a transaction using all past records of transactions. Moreover, the hacker would have to solve some sort of mathematical puzzle which is linked to a particular block as well as the block that comes after it in order to manipulate the blocks as well as the records.

Chance of Attack

A very real and potential risk is when there is a high concentrated share of bitcoins among miners. If over 51 percent of the bitcoin network gets controlled by a single party, then all legitimate transactions are stopped from setting or undoing recent .

A Pessimist turned into an Optimist

Life has many challenges. There are several problems to be faced. In the morning, when we wake up, t here are odd situations that we have to face. There are difficulties to be overcome everyday. At night, when we get into bed, we have worries crowding our minds. we think of what we need to do, and of how to tackle our problems and challenges in the execution of our task. Is there any man, who has no worries? No, all have problems and difficulties. But the way people look at their problems vary. A man who is positive in his approach thinks in terms of how to overcome the problems. He does not keep complaining. He is task-oriented well-focused.

One day,when I was worried to the core,about my grades in the examination,I happened to see a book by Dale Carnegie. The book was about how to stop worrying and live a successful life. I browsed through the book. I got captivated by the life of one Ted Bengermino of Baltimore, Maryland in the USA. Ted was a military man, engaged in the world war. His duty was to maintain the record of the men killed in war or wounded and hospitalized. He saw death and how it affected families. He witnessed many instances of families being driven to despair, by the death of their loved ones in the battle. The thought of death and misery gripped him and he started worrying a lot. He even entertained the thought of whether he would be able to meet hid family members and be with them. In this mood of distress, he developed ulcer and his food habits were affected . Ultimately ,he was hospitalized. The doctor attending on him examined his body, and diagnosed that Ted's problem was not physical, but it was mental and psychologic al.

Ted was advised to think positively. He was asked to shed all the darker thoughts of life. Death is of course the inevitable end of life. But, thinking of death and its consequences always is not healthy. The doctor advised him not to allow the thoughts of despair to haunt his mind. He councelled him to think positively. He asked him to look at the hour glass, and see the grains of sand, dropping down little by little. Life is like an hour glass. Each grain dropping down is the responsibility we have to perform. Each problem has to be addressed individually and patiently. Every day, we have problems and challenges to face. we have to face them boldly and with confidence. Despair or hopelessness is what we have to be careful about. We should not allow it to overpower us.

Ted took the advice of the doctor and lived a fruitful life. He never gave way to sorrow or frustration. He kept working hard with positive thoughts, and slowly he prospered and rose to executive positions and became successful in his carrier. The life of Ted inspired me. I began to think positively. I face problems But I will overcome them with all efforts and with confidence. Positive thoughts will lift us out of the mire of worries.

Rajeshwari S
6th Sem, CSE

"A love that never dies"

Rohith K
8th Sem A, ECE

There was that crowded place
He crawled around looking for his favourite face
Suddenly he smiled and took a pause
There his mother was.

From alphabets to numbers
And shapes to colours
His mother taught him all those days
Standing by her in every phase.

School was over and it was time to move on
Away from his mother she was now gone
His mother had taught him to be strong
But how could she live without him for so long.

There were those days when life got a little messed
Moments when she needed some rest
A call from his mother seemed to make everything clear
'Life is hard but there is no need to fear'.

And hence two decades went by
And now he was some twenty
Happy he was still when told by others
That his face resembles his mother's.

All of a sudden there was a sigh
When he realised that in another city miles away
His mother was too growing old
And he couldn't even put the time on a hold.

A TO R

ADVICE TO MY DEAREST FRIENDS

Amplitude – Always be honest
Bias – Be there when they need you
Cathode – Cheer them and give them encouragement
Diode – Don't look for their mistakes, go ahead
Electronics – Encourage their dreams, what would be without them?
Field – Forgive them though they are wrong sometimes
Gate – Get together to make any discussion
Harmonic – Have faith in them
Inductance – Ignore all their mistakes
JFET – Join together and give support
K-map – Keep in touch till they live
Latch – Love them always
Microprocessor – Make them feel special
Nyquist – Never forget them
Op-amp – Open free to offer help
Potentiometer – Praise them honestly and openly`
Q –point – Quietly discharge when they are angry
Resistor – Really listen to their words; make your ears free to them.

Darshini M B
AP, ECE

Death of lifeless Character

A renowned author was penning a novel. Main character was 'the young lady' and there were many other different ones. 'The young lady' in the novel was described glamorously. After 112 pages author ended the writings of that day.

She was the only pillar of the family. The young lady was tired traveling 112 pages and was feeling lonely. She thought of joining her friends who were in the pub at page 111. But she feared the other word in book called as society. She thought of hanging out with her male friends who paid more attention to her, again she was not able cross the spaces between lines in the book and feared the same word society.

On the next day she was foreseeing the arrival of the author so she can see the light when the book is opened and anticipating new hopes with rise of the sun. But author noticed a thing that the word 'the young lady' in the page 112 was bit pale (not dark). Author didn't mind and he darken that word without her permission.

This was modus operandi between 'the young lady' and the author. As days passed she lost all her optimism and hopes. Even though, she didn't forget to wait for the arrival of the author but this time with different intention that is she can move forward to the end as the author proceeds. Even that didn't help.

The Great Supari Killer

A boy was pursuing his engineering in a very reputed college. He was very much interested in music & doing good at that. But one day he was offered supari to kill someone. He thought of ignoring it, but once he thought about his family and how much he had spent to pursue his education & that was a life settling moment for him. Accepting it would help him settle his load and free from all financial crisis. A one time chance, miss it and blame himself for lifelong. Even his parents encouraged him and advised not to miss this one time opportunity. So with a heavy heart he accepted the Supari.

Supari Donor also said that

He has given huge sum of Supari for killing numerous politicians, photographers, athletes, sportsmen, dancers, singer, entrepreneurs and so on. So don't worry about it. After killing the one person you're supposed to kill. Your life will be settled .

Then after killing successfully, he led to lead his life dedicated to his parents, thanking middleman and dominated by his Supari Donor and slowly he lost his interest in Music.

The End!

Conclusion:

The Supari Donor is none other than you're Boss/CEO/Company.

Middle man is Placement officer.

Supari Killer is YOU.

The person whom you killed is your passion, interest and dream.

Nirmith P
8th Sem, CV

Our career as Mechanical Engineer

After , reading this career guide, you would come to know the rising opportunities present in the mechanical engineering field. If you want to become a mechanical engineer, then this guide would help you.

It is Known as the 'mother' of engineering, mechanical engineering is considered as one of the oldest fields of the engineering. Another exciting feature of mechanical engineering is that the application base of this sector is quite diversified. If we closely look at all ancient inventions and contemporary discoveries, then we will find that all these are the contributions of one or the other application of mechanics of mechanical engineering. Earlier, mechanical engineers were dealing with concepts like mechanics, robotics, kinematics, etc. but now the time has completed changed and mechanical engineers are also playing an indispensable role in new research areas like bio-medical applications, nano technology, composite material, etc. The ever expanding scope of mechanical engineering job profile has ignited the demand of professionals who are required for diversified work activities. All in all, there are vast vacancies for mechanical engineers for fresher available in the market who want to build a stable and a promising career .Like any other career paths, the entry into this profession also requires you to encompass certain attributes. First and foremost, you should have an inclination towards mechanical components and machinery and how these are working. Then it is important that you must be good at physics chemistry and mathematics. A competent engineer also possesses skills like analytic b bent of mind, logical reasoning and problem solving. Undeniably, engineering is a complex professional and therefore, it is important that the person should have immense patience and physical strength. Mechanical engineering is considered as one of the broader fields of engineering and as a result, the vacancies for mechanical engineers for fresher are abundant. There are immense vacancies for mechanical engineers for fresher in the market. Engineers are required for designing, testing, manufacturing and maintaining a wide array of machines which are used in innumerable industries. As a result, if you are holding a degree in mechanical engineering then you can find jobs both in private and government sectors. The main sectors which are employing engineers include space research, automobile, bio-medical, air conditioning, etc. Some of the other key players include manufacturing plants, air conditioning and refrigeration industry, turbine manufacturing plants, oil and gas exploration, agriculture and refining industries.

TOP COMPANIES HIRING MECHANICAL ENGINEERS ARE-

Bharat Electronics Limited
Hindustan Motors Ltd
Hyundai Motors India Ltd
TATA Motors
Royal Enfield Ltd
Addison & Co Ltd
Ashok Leyland Ltd
Axles India Ltd
GAIL
Sundaram-Clayton Ltd
TAFE
Tube Investments of India Ltd
Jindal Steel
SAIL

Mohammed Faraaz Ur Rhaman
4th Sem, ME

Spintronics Technology

Spintronics devices that will help lead to a new technology for computing and data storage. engineers have developed methods to detect signals from Spintronics components made of low-cost metals and silicon, which overcomes a major barrier to wide application of spintronics. Previously such devices depended on complex structures that used rare and expensive metals such as platinum.

Spintronics devices promise to solve major problems in today's electronic computers, in that the computers use massive amounts of electricity and generate heat that requires expending even more energy for cooling. By contrast, Spintronics devices generate little heat and use relatively minuscule amounts of electricity. Spintronics computers would require no energy to maintain data in memory. They would also start instantly and have the potential to be far more powerful than today's computers.

While electronics depends on the charge of electrons to generate the binary ones or zeroes of computer data, spintronics depends on the property of electrons called spin. Spintronics materials register binary data via the "up" or "down" spin orientation of electrons -- like the north and south of bar magnets -- in the materials. A major barrier to development of spintronics devices is generating and detecting the infinitesimal electric spin signals in Spintronics materials.

Ferromagnetism is the property of magnetic materials in which the magnetic poles of the atoms are aligned in the same direction. In contrast, antiferromagnetism is a property in which the neighboring atoms are magnetically oriented in opposite directions. These "magnetic moments" are due to the spin of electrons in the atoms, and is central to the application of the materials in spintronics.

This crucial property shows diamond as a promising material for Spintronics devices. Diamond is an attractive Spintronics material because it would be easier to process and fabricate into Spintronics devices than typical semiconductor materials.

Siddiq Ahmed khan
6th Sem A, EEE

Intelligent Transportation Systems

Intelligent Transportation Systems (ITS) represent a major transition in transportation on many dimensions. ITS is an international program intended to improve the effectiveness and efficiency of surface transportation systems through advanced technologies in information systems, communications, and sensors. ITS (Intelligent Transport Systems) is a system which is designed to promote advance technology, to ensure that the Electronic Toll Collection System (ETC) is effective and to support safe driving.

The intelligent transport system (ITS) takes the first step towards meeting this challenge by providing effective, reliable and meaningful knowledge to motorists in time. Problems like high traffic congestion, low transportation efficiency, low safety and endangered environment can be solved through innovative and sophisticated ways .

When integrated into the transportation system infrastructure, and in vehicles themselves, these technologies help monitor and manage traffic flow, reduce congestion, provide alternate routes to travelers, enhance productivity, and save lives, time and money. Intelligent transportation systems provide the tools for skilled transportation professionals to collect, analyze, and archive data about the performance of the system during the hours of peak use. Having this data enhances traffic operators' ability to respond to incidents, adverse weather or other capacity constricting events.

Benefits of Intelligent Transport System

The investments in ITS will help increase the benefits and efficiencies of transportation systems, thereby reducing the need for much costlier physical expansion of systems.
COMPASS has been found to reduce the incident response times from 86 minutes to 30 minutes, the overall vehicle delay by 5.3 million vehicle-hours per year, the overall emission by 3,100 tones per year and the operating costs of commercial vehicles by $55 million per year. Cities in the United States have reported an increase in throughout by 25% and reduction in travel times by 25% after implementing appropriate ITS initiatives.

The following is a list of identified benefits of ITS projects:

- Reduced rush hour congestion and delay.
- Increased safety and personal security.
- Time savings and operation efficiencies.
- Reduced fuel consumption and emissions.
- Improved customer service and reduced frustration.
- Reduced road accidents and fatalities.

Humera Taj
6th Sem A, CV

LIFE

Shahbaz Pasha
4th Sem B, ME

Life as you know it's hard to live.
I cannot define life in some sentences, it's way more beyond my imagination .
Sometimes you think why you even existed,
Sometimes you think who am I,
Sometimes you think why I should live, why can't I die.
But we should thank God for creating us and he didn't created us to die.
Sometimes good things happen and sometimes bad things happen,
You should learn to treat them equally in your life.
You should love who you are,
Don't change yourself for others, be you and be who you are
You should take every positive thinking in your life.
If you want a solution to live a happy life,
I may say "just put a smile on everybody's face and do good things in your life"'s more than enough to live a happy life.
Time passes on, life goes on,
Enjoy every bit of life till you die,
The good things you did will be remembered in some heart.

Global Warming

Global warming is observed century-scale rise in the average temperature of earth's climate system. Rising of temperature of the earth's atmosphere causes global warming. since, last century temperature is increasing by 0.75 degree centigrade causing greenhouse effect.

Human activities have resulted in the increase of global warming. some of them are deforestation, pollution, consumption of fossil fuel, burning of plastic etc. due to global warming, polar ice caps are melting and as a result sea level is rising. islands would be submerged. ozone layer is becoming thinner day by day resulting in entering of harmful ray in the atmosphere causing skin diseases and many other diseases. climate is changing day by day. there is a change in rainfall pattern and global warming also affects the agriculture.
there it is necessary for us to take prevention steps. we should practice afforestation. government must check our deforestation. instead of fossil fuels, we should use clean fuels such as natural gas. we should stop the burning of plastics etc. hence, necessary steps must be taken. earth should remain beautiful forever.

Mohammed Musavir Ahmed
'A' section, Mechanical Engineering

Mom

Bhavana M P
8th Sem A, ECE

You are the sunlight in my day,
You are the moon I see far away.
You are the tree I lean upon,
You are the one that makes troubles be gone.
You are the one who taught me life,
How not to fight, and what is right.

You are the words inside my song,
You are my love, my life, my mom.
You are the one who cares for me,
You are the eyes that help me see.

You are the one who knows me best,
When it's time to have fun and time to rest.
You are the one who has helped me to dream,
You hear my heart and you hear my screams.
Afraid of life but looking for love,
I'm blessed for God sent you from above.

You are my friend, my heart, and my soul.
You are the greatest friend I know.
You are the words inside my song,
You are my love, my life, my Mom

Winners Versus Losers

Winners Versus Losers
The winner is always a part of the answer.
The loser is always a part of the problem.
The winner always has a programme.
The loser always has an excuse.
The winner says, "let me do it for you".
The loser says "that is not my job".
The winner sees an answer for every problem.
The loser sees a problem for every answer.
A winner makes commitments.
A loser makes promises.
Winners have dreams.
Losers have schemes.
Winners say, "I must do something".
Loser say, "something must be done".
Winners are a part of the team.
Losers are apart from the team.
Winners see possibilities.
Losers see problems.
Winners see the gain.
Losers see the pain.

Manjushree V
8th Sem A, ECE

It's not how we make mistakes, but how we correct them that defines us

# of Time Management is a Symbol of Genius

To realize the value of ONE YEAR, ask a student who failed a grade.
To realize the value of ONE MONTH, ask a mother who gave birth to a premature baby.
To realize the value of ONE WEEK, ask the editor of a weekly newspaper,
To realize the value of ONE HOUR, ask the lovers who are waiting to meet.
To realize the value of ONE MINUTE, ask a person who missed the train.
To realize the value of ONE SECOND, ask a person who just avoided an accident.

A minute now is better than a minute later! Treasure every moment!
Yesterday is history. Tomorrow is mystery!
Today is a gift. That's why it's called the present.
KNOWING IS NOT ENOUGH; WE MUST APPLY
WILLING IS NOT ENOUGH ; WE MUST DO.
Watch your thoughts, for they become words,
Watch your words, for they become actions,
Watch your actions, for they become habits,
Watch your habits, for they become character,
Watch your character, for it becomes your destiny.
Don't wait. The time will never be just right.
TAKE TIME TO DELIBERATE;
BUT WHEN THE TIME FOR ACTIONS ARRIVES,
STOP THINKING AND GO IN!
WINNING IS NOT EVERYTHING,
BUT THE WILL TO WIN IS EVERYTHING.

If winning isn't everything, why do they keep score?
Strength does not come from winning.
Your struggles develop your strengths,
When you go through hardships and decide
Not to surrender, that is strength.
Life is a constant struggle, a fight within itself,
With new challenges every day,
If we have a strong will power and courage
To face everything, we can win easily.

WIN AS IF YOU WERE USED TO IT,
LOSE AS IF YOU ENJOYED IT FOR A CHANGE.

Pradeep Kumar
8th Sem A, ECE

The Phone

I am the phone,
Which every one does own...!
I connect many friends,
Also I come in different trends...!
I be with my owner in their home,
And follow them wherever they roam..!
When there is a fall in my charge,
They recharge me in-charge..!
For few I am ferocious,
But many think I am precious..!
Though there is a rise in my bill,
People who throw me away are nil..!
No one calls me boring,
Because they always remember me as loving..!

Patterns to ponder

RA	SC	TE
QC	RE	SG
PE	QG	?

What is the answer in the Blank ?

Huda Mohsin
8th Sem B, ECE

Creativity

The creativity process is the act of making new connections between old ideas or recognizing relationship between concepts.Creative thinking is not about generating something new from a blank slate,but rather about taking what is already present and combining those bits and pieces in a way that has not been done previously.

While being creative isn't easy, nearly all great ideas follow a similar creative process. In 1940, an advertising executive named James Webb Young published a short guide titled, A technique for producing ideas.
Young believed the process of creative connection always occurred in 5 steps .

THE CREATIVE PROCESS

GATHER NEW MATERIAL: At first, you learn during this stage you focus on

- Learning specific material directly related to your task
- Learning general material by becoming fascinated with a wide range of concepts

THOROUGHLY WORK OVER THE MATERIALS IN YOUR MIND: During this stage, you examine what you have learnt by looking at the facts from different angles and experimenting with fitting various ideas together.

STEP AWAY FROM THE PROBLEMS: Next, you put the problem completely out of your mind and go do something else that excites you and energizes you.

LET YOUR IDEA RETURN TO YOU: At some point, but only after you have stopped thinking about it, your idea will come back to you with flash of insight and renewed energy.

SHAPE AND DEVELOP YOUR IDEA BASED ON FEEDBACK: For any idea to succeed, you must release it out into the world, submit it to criticism and adapt it as needed.

Jyothi H S
6th Sem B, ECE

ಪರಿಸರ ಸಂರಕ್ಷಣೆಯಲ್ಲಿ ನಮ್ಮ ಪಾತ್ರ

ನಂದೀಶ ಕೆ ಜಿ
Lecturer, Kannada

ಪ್ರತಿ ವರ್ಷ ಜೂನ್ 05 ಬಂತೆಂದರೆ, ಎಲ್ಲರಲ್ಲೂ ಪರಿಸರದ ಕಾಳಜಿ ಅದೆಲ್ಲಿಂದಲೋ ಏನೋ ಒಮ್ಮೆಲೆ ಬಂದು ಬಿಡುತ್ತದೆ. ಎಲ್ಲಾ ಜಾಹೀರಾತುಗಳಲ್ಲಿ, ಟಿ.ವಿ. ಮಾಧ್ಯಮಗಳಲ್ಲಿ, ಇವತ್ತಿನ ವಾಟ್ಸಪ್, ಫೇಸ್‌ಬುಕ್‌ನಲ್ಲಿ ಸ್ನೇಹಿತರೆಲ್ಲರೂ ಒಬ್ಬರಿಗೊಬ್ಬರು ಪರಿಸರ ದಿನದ ಶುಭಾಶಯ ಮತ್ತು ಫೋಟೋಗಳನ್ನು ಲೈಕ್ ಮಾಡಿ, ಶೇರ್ ಮಾಡಿ ನಿಜವಾಗಿ ಪರಿಸರ ಉದ್ಧಾರ ಮಾಡಿಬಿಟ್ಟಿದ್ದೇವೆ ಎಂಬಂತೆ ಬಿಂಬಿಸಿಕೊಳ್ಳುತ್ತಾರೆ. ಆದರೆ ನಿಜವಾಗಿ ಮಾಡಬೇಕಾಗಿರುವುದು ಈ ಕೆಲಸವನ್ನಲ್ಲ. ಕನಿಷ್ಠ ನಮ್ಮ ನಮ್ಮ ಜಾಗದಲ್ಲಿ ಒಂದಷ್ಟು ಗಿಡಗಳನ್ನು ಬೆಳೆಸಿ, ಅದನ್ನು ಜೋಪಾನ ಮಾಡಿ ಪ್ರಕೃತಿಗೆ ಕೊಡುಗೆ ಕೊಡುವುದಿದೆಯಲ್ಲ ಅದು ನಿಜವಾದ ಸಾಧನೆ ಎಂಬುದು ನನ್ನ ಭಾವನೆ.

ಗೆಳೆಯರೆ ಪ್ರಸ್ತುತ ದಿನಗಳಲ್ಲಿ ನಾವು ಪರಿಸರದೊಂದಿಗೆ ಹೇಗೆ ಬದುಕುತ್ತಿದ್ದೇವೆ ಎಂಬುದರ ಬಗ್ಗೆ ಎಂದಾದರೂ ಯೋಚಿಸಿದ್ದೀರಾ? ನಿಮ್ಮೊಳಗೆ ನೀವೇ ಒಮ್ಮೆ ಪ್ರಶ್ನಿಸಿಕೊಳ್ಳಿ. ಇತ್ತೀಚಿನ ದಿನಗಳಲ್ಲಿ ಪ್ರಕೃತಿ ಹೇಗಾಗಿದೆಯೆಂದರೆ, ಅತಿಯಾದ ತಾಪಮಾನ, ನೀರ್ಗಲ್ಲುಗಳ ಕರಗುವಿಕೆ, ಅತೀ ಕಡಿಮೆ ಪ್ರಮಾಣದ ಮಳೆ ಇದನ್ನೆಲ್ಲಾ ನೋಡುತ್ತಿದ್ದರೆ ಪ್ರಕೃತಿ ಎತ್ತ ಸಾಗುತ್ತಿದೆ ಎಂಬ ಭಯ ನಮ್ಮ ಮನಸ್ಸಲ್ಲಿ ಮೂಡುವುದು ಸಹಜ.

ಇಚಿದು ನಮ್ಮ ಮನೆಗಳಲ್ಲಿ ಕುಟುಂಬದವರೆಲ್ಲಾ ಒಟ್ಟಿಗೆ ಇರಬೇಕಾದರೆ ಅವಾಗಲೋ ಇವಾಗಲೋ ಎಂಬಂತೆ ಅಪರೂಪಕ್ಕೆ ಮಳೆ ಸುರಿಯುತ್ತಿದ್ದರೆ ಆ ಸಮಯದಲ್ಲಿ ನಮ್ಮ ತಾತ, ಅಜ್ಜಿ, ಅಪ್ಪ, ಅಮ್ಮ ಹೀಗೆ ಯಾರೋ ಒಬ್ಬರು ಮಾತನಾಡುತ್ತಾರೆ. ನಮ್ಮ ಕಾಲದಲ್ಲಿ ಮಳೆ ಹೇಗೆ ಬರುತ್ತಿತ್ತು ಅಂದರೆ, ಒಮ್ಮೆ ಶುರುವಾದರೆ ಎಷ್ಟೋ ಹೊತ್ತಿನವರೆಗೆ ಸುರಿಯುತ್ತಿತ್ತು, ಕೆರೆ ಕಟ್ಟೆಗಳನ್ನು ಒಂದು ಮಾಡುವವರೆಗೂ ಬಿಡುತ್ತಿರಲಿಲ್ಲ. ಅದ್ರೆ ಈ ಕಾಲದಲ್ಲೂ ಮಳೆ ಬರುತ್ತೆ, ಒಂದು ಕಡೆ ಬರ್ತಾ ಇದ್ರೆ ಇನ್ನೊಂದು ಕಡೆ ಬೀಳೋದೆ ಇಲ್ಲ ಎಂದು ಅವರು ಮಾತುಗಳನ್ನಾಡುತ್ತಿರಬೇಕಾದರೆ, ನಮಗೆ ಹೌದಾ! ಅಷ್ಟೆಲ್ಲಾ ದೊಡ್ಡ ಮಳೆ ಬರುತ್ತಿತ್ತಾ ಈಗೇಕೆ ಹೀಗೆ ಎಂಬ ಪ್ರಶ್ನೆ ಮನಸ್ಸಿನಲ್ಲಿಯೇ ಮೂಡುತ್ತದೆ.

ಹೌದಾ ಹಾಗಾದರೆ ಈಗ ಏನಾಗುತ್ತಿದೆ. ಅಷ್ಟೊಂದು ದೊಡ್ಡ ಮಳೆ ಕೆರೆ–ಕಟ್ಟೆಗಳು ತುಂಬುವುದು ಸದಾ ಹಸಿರಾಗಿರುವಂತ ವಾತಾವರಣ ಈಗ ಏಕೆ ಕಾಣುತ್ತಿಲ್ಲ ಎಂಬ ಪ್ರಶ್ನೆ ನಮ್ಮನ್ನು ಕಾಡತೊಡಗುತ್ತವೆ. ಹಿಂದಿನ ಕಾಲದಲ್ಲಿ ಪ್ರಕೃತಿಯನ್ನೇ ದೇವರೆಂದು ನಂಬಿ ಪೂಜಿಸುತ್ತಿದ್ದ ಕಾಲವೊಂದಿತ್ತು. ಆದರೆ ಈಗ ಬದಲಾದ ಸನ್ನಿವೇಶದಲ್ಲಿ ಮನುಷ್ಯ ಪರಿಸರದ ಜೊತೆ ಬಾಳಿ ಬದುಕುವದನ್ನು ಮರೆತಿದ್ದಾನೆ. ಜಾಗತೀಕರಣ, ಮುಂದುವರೆಯುತ್ತಿರುವ ವಿಜ್ಞಾನ–ತಂತ್ರಜ್ಞಾನದ ಪ್ರಭಾವದಿಂದಾಗಿ ಪರಿಸರದ ಕಾಳಜಿ ಮರೆತು, ಪ್ರಕೃತಿ ವಿಮುಖನಾಗಿ ಬೆಳೆಯುವ ಅನಿವಾರ್ಯ ಸ್ಥಿತಿಯನ್ನು ತಂದೊಡ್ಡಿಕೊಂಡಿದ್ದಾನೆ. ತನ್ನ ಅಗತ್ಯಗಳಿಗಿಂತ ಹೆಚ್ಚಾಗಿ ಪ್ರತಿಯೊಂದನ್ನು ಪಡೆಯಬೇಕೆಂಬ ಅತಿಯಾದ ವ್ಯಾಮೋಹಕ್ಕೆ ಬಲಿಯಾಗಿ ಪ್ರಕೃತಿಯನ್ನೇ ನಾಶ ಮಾಡಲು ಹೊರಟಿದ್ದಾನೆ. ಇವೆಲ್ಲಾ ನಮಗೆ ತಿಳಿದಿಲ್ಲವೆಂದಲ್ಲ. ಇದರ ಬಗ್ಗೆ ಗೊತ್ತಿದ್ದರೂ ನಾವು, ನಮ್ಮ ಸ್ವಾರ್ಥಕ್ಕಾಗಿ ಪರಿಸರ ವಿನಾಶಕ್ಕೆ ಪರೋಕ್ಷವಾಗಿ ಬೆಂಬಲ ನೀಡಿಕೊಂಡು ಬರುತ್ತಿದ್ದೇವೆ.

ನನಗೆ ಗೊತ್ತಿರುವ ಹಾಗೆ ಒಂದು ಉದಾಹರಣೆಯನ್ನು ನಿಮ್ಮ ಮುಂದೆ ಇಡುತ್ತೇನೆ. ಸುಮಾರು 22 ವರ್ಷಗಳ ಹಿಂದೆ ನಾನು ನನ್ನ ವಿದ್ಯಾಭ್ಯಾಸಕ್ಕಾಗಿ ಮೈಸೂರಿಗೆ ಬಂದೆ.

ಆ ಸಮಯದಲ್ಲಿ ಗುಂಡ್ಲುಪೇಟೆಯಿಂದ ಮೈಸೂರಿಗೆ ರಸ್ತೆ ಹೇಗಿತ್ತು ಎಂದರೆ, ಆ ರಸ್ತೆಯಲ್ಲಿ ಪ್ರಯಾಣಿಸುತ್ತಿದ್ದರೆ ಕಣ್ಣು ಕೋರೈಸುವಷ್ಟು ರಸ್ತೆಯ ಎರಡೂ ಬದಿಯಲ್ಲಿ ಹಚ್ಚ ಹಸುರಿನ ತಂಪಾದ ವಾತಾವರಣ. ಏಕೆಂದರೆ ರಸ್ತೆಯ ಎರಡೂ ಬದಿ ಸುಮಾರು 150–200 ವರ್ಷಗಳಷ್ಟು ಹಳೆಯದಾದ ಆಕಾಶದೆತ್ತರಕ್ಕೆ ಬೆಳೆದಿದ್ದ, ವಿಶಾಲವಾದ ದೊಡ್ಡ ಆಲದ ಮರಗಳು ನಮ್ಮನ್ನು ತಮ್ಮೊಳಗೆ ತನ್ನ ಪ್ರಕೃತಿಯ ಮಡಿಲಲ್ಲಿ ಸೆಳೆದುಕೊಳ್ಳುತ್ತಿದ್ದವು. ಆದರೆ ಈಗ ಆ ರಸ್ತೆಯನ್ನೊಮ್ಮೆ ನೋಡಿ ಹೇಗಾಗಿದೆಯೆಂದು ಎಲ್ಲೂ ನಮಗೆ ಅಂತ ವಿಶಾಲವಾದ ಮರಗಳು ಕಾಣಸಿಗುವುದಿಲ್ಲ. ಏಕೆಂದರೆ ನಮ್ಮ ಅನುಕೂಲಕ್ಕಾಗಿ ರಸ್ತೆ ದೊಡ್ಡದಾದರೆ, ವಿಶಾಲವಾದರೆ ಎಂಬೆಲ್ಲಾ ದುರಾಲೋಚನೆ ನಮ್ಮ ಮನಸ್ಸಿಗೆ ಬಂದದ್ದೇ ತಡ, ರಸ್ತೆ ಅಗಲೀಕರಣ ಮಾಡುವ ನೆಪದಲ್ಲಿ ಅಷ್ಟೊಂದು ವರ್ಷಗಳಿಂದ ನಮಗೆಲ್ಲಾ ಪ್ರಕೃತಿ ಸೌಂದರ್ಯದ ಜೊತೆಗೆ ಪರಿಸರ ಸಮತೋಲನವನ್ನು ನಮಗೆ ನೀಡಿ ನೆರಳಾಗಿದ್ದ ಅಂತಹ ಬೃಹತ್ ಮರಗಳನ್ನು ಕಡಿದು ಧರೆಗುರುಳಿಸಲಾಯಿತು.

ಇದನ್ನೆಲ್ಲಾ ನೋಡಿದಾಗ ನನಗೆ ದುಃಖದ ಜೊತೆಗೆ ಪ್ರಕೃತಿ ವಿನಾಶಕ್ಕೆ ನಾವು ನೀವೆಲ್ಲಾ ಪ್ರತ್ಯಕ್ಷ ಮತ್ತು ಪರೋಕ್ಷವಾಗಿ ಭಾಗಿದಾರರಾಗುತ್ತಿದ್ದೇವೆ ಹಾಗೂ ಇದರ ಪರಿಣಾಮದಿಂದ ಮುಂದೆ ಏನಾಗುತ್ತದೆ ಎಂಬ ಪರಿಜ್ಞಾನವಿದ್ದರೂ ಇದರ ರಕ್ಷಣೆಯ ಬಗ್ಗೆ ಯೋಚಿಸದೆ ಹತಾಶ ಮನಸ್ಥಿತಿಯವರಾಗಿದ್ದೀವಿಯೋ ಏನೋ ಎಂಬಂಥ ಸ್ಥಿತಿ ಈಗ ನಿರ್ಮಾಣ ಮಾಡಿಕೊಂಡಿದ್ದೇವೆ.

ಇವೆಲ್ಲದಕ್ಕೂ ಕಾರಣಕರ್ತ್ಯಗಳು ನಾವೇ ಪ್ರಪಂಚದಲ್ಲಿ ಅಸಮಾನ್ಯವೆನಿಸುವ ಸಂಗತಿಗಳನ್ನು ಇಂದು ನಾವು ಸಾಧಿಸಿ ತೋರಿಸಿದ್ದೇವೆ. ಹಕ್ಕಿಯಂತೆ ಹಾರಾಡುವುದು, ಮೀನಿನಂತೆ ಈಜುವುದು, ಚಂದ್ರನ ಮೇಲೆ ಹೆಜ್ಜೆ ಇಡುವುದು, ಈಗ ಅದಕ್ಕಿಂತಲೂ ಮುಂದೆ ಹೋಗಿ ಸೂರ್ಯಯಾನಕ್ಕೆ ಸಜ್ಜಾಗಿ ನಿಂತಿರುವುದು ನಮಗೆಲ್ಲಾ ತಿಳಿದೇ ಇದೆ. ಇಷ್ಟೆಲ್ಲಾ ಸಾಧಿಸಿರುವ ಮನುಷ್ಯನಿಗೆ ಪ್ರಕೃತಿಯನ್ನು ರಕ್ಷಿಸುವುದು ಕಷ್ಟವೇ? ಖಂಡಿತಾ ಇಲ್ಲ. ಪ್ರಕೃತಿ ವಿನಾಶ ಹೀಗೆಯೇ ಮುಂದುವರೆದರೆ, ನಮಗೆ ಹಾಗೂ ನಮ್ಮ ಮುಂದಿನ ಪೀಳಿಗೆಗೆ ಉಳಿಗಾಲವಿಲ್ಲ ಎಂಬ ಅಂಶ ನಮಗೆ ಈಗಾಗಲೇ ಮನವರಿಕೆಯಾಗಿದೆ. ಆದ್ದರಿಂದ ಇದನ್ನು ಹೇಗೆ ಕಾಪಾಡುವುದು?

ಗೆಳೆಯರೇ ಈಗ ಪರಿಸರ ಸಮತೋಲನ ಕಾಪಾಡಲು ಏನೆಲ್ಲ ಮಾಡಬಹುದು ಎಂದು ಆಲೋಚಿಸಿದರೆ, ಈ ಕೆಳಗೆ ಕಾಣಿಸಿರುವ ಕೆಲವು ಅಂಶಗಳನ್ನು ಮಾಡಿಯೇ ತೀರುತ್ತೇವೆ ಎಂದು ನಾವು ನೀವೆಲ್ಲರೂ ಪ್ರಾಮಾಣಿಕ ಪ್ರಯತ್ನ ಮಾಡಿದರೆ ಪರಿಸರ ಸಂರಕ್ಷಣೆಯನ್ನು ಮಾಡಬಹುದು.

- ಯಾವುದಾದರೂ ರಸ್ತೆ ಅಗಲೀಕರಣದ ಸಂದರ್ಭದಲ್ಲಿ ಮರ ಕಡಿದರೆ ಅದೇ ಜಾಗದಲ್ಲಿ ಗಿಡಗಳನ್ನು ನೆಟ್ಟು ಮರ ಬೆಳೆಸುವಂತಹ ಕಾರ್ಯಕ್ರಮವನ್ನು ಮಾಡಬೇಕು. ಮತ್ತು ಅದನ್ನು ಬೆಳೆಸಿಯೇ ತೀರುತ್ತೇನೆ ಎಂಬ ಹೆಬ್ಬಯಕೆ ಮತ್ತು ಗುರಿಯಿಂದ ಅದನ್ನು ಸಾಧಿಸಬೇಕು.

- ರೈತಾಪಿ ವರ್ಗದ ಜನರು ತಮ್ಮ ತಮ್ಮ ಜಮೀನುಗಳಲ್ಲಿ ಸಾಧ್ಯವಾದಷ್ಟು ಜಾಸ್ತಿ ಪ್ರಮಾಣದ ಮರಗಳನ್ನು ಬೆಳೆಸಬೇಕು. ಒಂದು ವೇಳೆ ಮರವಿದ್ದು ತಮ್ಮ ಉಪಯೋಗಕ್ಕಾಗಿ ಕಡಿಯುವಂತ ಸಂದರ್ಭ ಬಂದಾಗ ಆ ಜಾಗಕ್ಕೆ ಮತ್ತೊಂದು ಗಿಡವನ್ನು ನೆಟ್ಟು ಬೆಳೆಸಬೇಕು.

- ಮನೆಯಲ್ಲಿ ಹಾಗೂ ಸುತ್ತ ಮುತ್ತ ಹಸಿರು ವಾತಾವರಣವನ್ನು ನಿರ್ಮಿಸಿಕೊಳ್ಳಬೇಕು. ಹೆಚ್ಚು ಹೆಚ್ಚು ಗಿಡ ಮರಗಳನ್ನು ನೆಟ್ಟು, ಹೂವಿನ ತೋಟ ಬೆಳೆಸಿ ಶುದ್ಧ ಆಮ್ಲಜನಕ ದೊರೆಯುವಂತೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು. ಹಾಗೂ ಪರಿಸರವನ್ನು ಶುಚಿಯಾಗಿಟ್ಟಕೊಳ್ಳಬೇಕು.

- ದನ ಕರುಗಳು, ಸಾಕು ಪ್ರಾಣಿಗಳನ್ನು ಜಾಸ್ತಿ ಸಂಖ್ಯೆಯಲ್ಲಿರುವಂತೆ ನೋಡಿಕೊಳ್ಳಬೇಕು. ಇವು ಸಹ ಪರಿಸರ ಸಮತೋಲನಕ್ಕೆ ಸಹಕಾರಿಯಾಗುತ್ತವೆ.

- ರಸಾಯನಿಕ ತ್ಯಾಜ್ಯಗಳು ನದಿ, ಕೆರೆ, ಕಟ್ಟೆಗಳಲ್ಲಿ ವಿಲೀನವಾಗದಂತೆ ಎಚ್ಚರವಹಿಸಬೇಕು.

- ಮನೆಗಳಲ್ಲಿ ಮಳೆ ನೀರಿನ ಕೊಯ್ಲು, ಜಮೀನುಗಳಲ್ಲಿ ಕೃಷಿ ಹೊಂಡ, ಬದುಗಳನ್ನು ನಿರ್ಮಿಸಿ ಮಳೆ ನೀರು ಸಂಗ್ರಹವಾಗುವಂತೆ ಮಾಡಬೇಕು.

- ಪರಿಸರಕ್ಕೆ ಹಾನಿಯಾಗುವಂತಹ ಪ್ಲಾಸ್ಟಿಕ್ ವಸ್ತುಗಳನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ನಿಷೇಧಿಸಬೇಕು.

- ಪ್ರಕೃತಿಯ ಜೊತೆ ಸಂಪರ್ಕ ಬೆಳೆಸಿ ಇವುಗಳಿಂದ ಹೇರಳವಾಗಿ ದೊರೆಯುವ ಶಕ್ತಿಯನ್ನು ಬಳಸಿಕೊಂಡು ಪ್ರಕೃತಿಯ ಜೊತೆ ಜೀವನ ನಡೆಸಬೇಕು.

- ಸರ್ಕಾರವು ಪ್ರಾಥಮಿಕ ಶಿಕ್ಷಣದಿಂದಲೇ ಸಣ್ಣ ಸಣ್ಣ ಮಕ್ಕಳಲ್ಲೂ ಪರಿಸರದ ಪ್ರಜ್ಞೆ ಬೆಳೆಸುವಂತ ಪಠ್ಯಗಳನ್ನು ಅಳವಡಿಸಿ ಮಕ್ಕಳ ಮನಸ್ಸಿನಲ್ಲಿ ಪರಿಸರದ ಕಾಳಜಿ ಸದಾ ಇರುವಂತೆ ಜಾಗೃತಗೊಳಿಸಬೇಕು.

- ಹಳ್ಳಿ ಹಳ್ಳಿಗೆ ತೆರಳಿ ಅನಕ್ಷರಸ್ಥರು, ಬುಡಕಟ್ಟು ಜನಾಂಗದವರು, ಕಾಡುವಾಸಿಗಳು ಇಂತಹವರಿಗೆ ಪ್ರಕೃತಿಯನ್ನು ಹೇಗೆ ಉಪಯೋಗಿಸಬೇಕು ಮತ್ತು ಇದರ ಪ್ರಯೋಜನಗಳ ಬಗ್ಗೆ ಸರ್ಕಾರಿ ಕಾರ್ಯಕ್ರಮಗಳು ಆಯೋಜಿಸಬೇಕು. ಇವೆಲ್ಲಕ್ಕೂ ಮಿಗಿಲಾಗಿ ವಿದ್ಯಾವಂತರಾದ ನಾವು ಬೀದಿ ನಾಟಕ ಆಡುವುದು, ಗಿಡಗಳನ್ನು ನೆಡುವುದು ಹಾಗೂ ಪರಿಸರದ ಬಗ್ಗೆ ಅರಿವು ಮೂಡಿಸುವಂತೆ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಮಾಡಿ ಎಲ್ಲಾ ವರ್ಗದ ಜನರಿಗೆ ಜಾಗೃತಿ ಮೂಡಿಸಬೇಕು.

- ವರ್ಷವಿಡೀ ಸರ್ಕಾರದಿಂದ ಪರಿಸರದ ಸಂರಕ್ಷಣೆಯ ಬಗ್ಗೆ ವಿವಿಧ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಹಳ್ಳಿ, ಕಾಡಂಚಿನ ಪ್ರದೇಶ ಹಾಗೂ ನಗರ ಪ್ರದೇಶಗಳಲ್ಲಿ ಆಯೋಜಿಸಬೇಕು. ಫ್ಲೆಕ್ಸ್, ಜಾಹೀರಾತುಗಳು ಮತ್ತು ಟಿ.ವಿ. ಮಾಧ್ಯಮಗಳ ಮೂಲಕ ಪರಿಸರದ ಕಾಳಜಿಯನ್ನು ಪಸರಿಸಬೇಕು.

ಹೀಗೆ ಹೇಳುತ್ತಾ ಹೋದರೆ ಪಟ್ಟಿ ಬೆಳೆಯುತ್ತಲೇ ಹೋಗುತ್ತದೆ. ಆದರೂ ಕೊನೆಯದಾಗಿ ನಾನು ಹೇಳಲು ಬಯಸುವುದೇನೆಂದರೆ, ಪ್ರಸ್ತುತ ಸನ್ನಿವೇಶದಲ್ಲಿ ನಾವುಗಳು ಪ್ರಕೃತಿಯೊಂದಿಗೆ ಸಮತೋಲನ ಸಾಧಿಸುವಂತಹ ಯೋಜನೆಗಳನ್ನು ರೂಪಿಸಿಕೊಂಡು ಪರಿಸರ ಸಂರಕ್ಷಣೆ ಮಾಡುವುದನ್ನೆ ಗುರಿಯಾಗಿಸಿಕೊಳ್ಳೋಣ. ಇದು ನಮ್ಮ ನಿಮ್ಮೆಲ್ಲರ ಹೊಣೆಯೂ ಹೌದು. ಈ ಸಂದರ್ಭದಲ್ಲಿ 1940 ರಲ್ಲಿ ಗಾಂಧೀಜಿ ಒಮ್ಮೆ ಹೇಳಿದ ಮಾತು ನೆನೆಪಿಗೆ ಬರುತ್ತಿದೆ. "ಈ ಭೂಮಿ ಮನುಷ್ಯನ ಎಲ್ಲಾ ಆಶೆಗಳನ್ನು ಪೂರೈಸಬಲ್ಲದು ಆದರೆ ಅವನ ದುರಾಸೆಗಳನ್ನಲ್ಲ" ಎಂದು. ಇದರಂತೆ ಪ್ರಕೃತಿ ಇರುವುದು ಸಹ ನಮಗಾಗಿಯೇ ಹೊರತು ನಮ್ಮ ದುರಾಸೆಗಳಿಗಲ್ಲ. ಇದನ್ನು ತಿಳಿದು ಬದುಕಿದರೆ ನಾವು, ನಮ್ಮ ಮುಂದಿನ ಪೀಳಿಗೆ ಎಲ್ಲರೂ ಪ್ರಕೃತಿಯ ಮಡಿಲಿನಲ್ಲಿ ಹಚ್ಚ ಹಸುರಿನ ಸ್ವಚ್ಛ ವಾತಾವರಣದಲ್ಲಿ ಸುಂದರವಾದ, ಸಮೃದ್ಧವಾದ ಜೀವನವನ್ನು ನಡೆಸಬಹುದು.

ಎಲ್ಲ ಉಡುಗೊರೆಗಳಿಗಿಂತ ದೊಡ್ಡ ಉಡುಗೊರೆ ಆರೋಗ್ಯ;
ತೃಪ್ತಿ ಅತ್ಯುತ್ತಮ ಐಶ್ವರ್ಯ; ವಿಶ್ವಾಸ ಅತ್ಯುತ್ತಮ ಸಂಬಂಧ;
ನೆಮ್ಮದಿ ಮಾಹಾನ್ ಸುಖ.
ಎಡ್ವರ್ಡ್ ಯಂಗ್.

ಇನ್ನೇನು ಈ ಜನ್ಮಕ್ಕೆ

ಶಶಾಂಕ್ ಎಸ್
8th Sem A, ECE

ಭಾರತ ಒಂದು ಸುಂದರ ದೇಶ. ತನ್ನದೇ ಆದ ಒಂದು ವಿಶೇಷತೆಯನ್ನು ಹಾಗು ವೈವಿಧ್ಯತೆಯನ್ನು ಹೊಂದಿರುವ ದೇಶ. ಪ್ರಸ್ತುತ ಕಾಲದಲ್ಲಿ ಭಾರತದ ಬೆಳವಣಿಗೆ ಒಂದು ಹೆಮ್ಮೆಯ ವಿಷಯ. ಪ್ರಾಚೀನ ಕಾಲದ ಕೆಲವು ಕಾರ್ಯಗಳು ಪ್ರತಿಯೊಬ್ಬ ಭಾರತೀಯನಿಗೆ ಹಿರಿಮೆ ನೀಡುವ ಒಂದು ಸುಂದರ ಅನುಭವ. ಈಗಿನ ಸ್ಪರ್ಧಾತ್ಮಕ ಜಗತಿನಲ್ಲಿ, ಪ್ರತಿಯೊಬ್ಬ ಭಾರತೀಯನು ತನ್ನ ಅಳಿವು-ಉಳಿವಿಗಾಗಿ ಅವನದೇ ಆದ ರೀತಿಯಲ್ಲಿ ತನ್ನನ್ನು ತೊಡಗಿಸಿಕೊಳ್ಳುತಿದ್ದಾನೆ. ಅದಕ್ಕೆ ಉದಾಹರಣೆಯಾಗಿ ಕೆಲವು ವಿಷಯಗಳನ್ನು ಪರಿಗಣಿಸುವುದಾದರೆ

- ಅನೇಕ ಹೊರರಾಷ್ಟ್ರದ ಮುಖ್ಯ ವಿಭಾಗಗಳಲ್ಲಿ ಮುಖ್ಯ ಹುದ್ದೆಯನ್ನು ಅಲಂಕರಿಸಿರುವವರು ಭಾರತೀಯರು.

- ಪ್ರತಿ ವರ್ಷ ಜಗತ್ತಿನ 100 ಮುಖ್ಯ ಉದ್ಯಮಿಗಳ ಪಟ್ಟಿಯಲ್ಲಿ ಅಂದಾಜು ಶೇಕಡ 35ರಷ್ಟು ಭಾರತೀಯರು ಇದ್ದೇ ಇರುತ್ತಾರೆ.

ಸ್ನೇಹಿತರೇ, ಇವೆಲ್ಲವು ಹೆಮ್ಮೆ ತರುವ ವಿಷಯವೇ. ಆದರೆ ಇಷ್ಟೆಲ್ಲಾ ಆದರೂ ಭಾರತವಿನ್ನು ಬೆಳವಣಿಗೆಯ ರಾಷ್ಟ್ರವೇ ಹೊರತು ಬೆಳದಿಲ್ಲ.

ನನ್ನ ಪ್ರಕಾರ ಇದಕ್ಕೆ ಮುಖ್ಯವಾದ ಕಾರಣವೆಂದರೆ, ಜನರು ತುಂಬಾ ಸ್ವಾರ್ಥಿಯಾಗಿರುವುದು ಹಾಗು ದೇಶಭಕ್ತಿ, ದೇಶಪ್ರೇಮವನ್ನು ಮರೆತಿರುವುದು. ಪ್ರಸ್ತುತ ವರ್ತಮಾನದಲ್ಲಿ ಜನರು ಕೆಲವೊಂದಷ್ಟು ರಾಷ್ಟ್ರಹಬ್ಬಗಳನ್ನು ಆಚರಿಸಿದರೆ ಮತ್ತೆ ಕ್ರಿಕೆಟ್ ಅಥವಾ ಇತರೆ ಆಟಗಳಲ್ಲಿ ಭಾರತವನ್ನು ಬೆಂಬಲಿಸಿದರೆ ಹಾಗು ಒಂದಷ್ಟು ಕಡೆ ರಾಷ್ಟ್ರಗೀತೆಯ ಧ್ವನಿ ಮೊಳಗಿದಾಗ ಎದ್ದು ನಿಂತರೆ ದೇಶಪ್ರೇಮ ಎಂದು ಭಾವಿಸಿದರೆ ಇವೆಲ್ಲಾ ದೇಶಪ್ರೇಮ, ದೇಶಭಕ್ತಿಯಲ್ಲಾ, ಅದರ ಭಾಗವಷ್ಟೆ.

ನನ್ನ ಪ್ರಕಾರ ಭಾರತೀಯರು ತಮ್ಮ ಸ್ವಾರ್ಥ ಮತ್ತು ಹಣದ ವ್ಯಾಮೋಹವನ್ನು ಬಿಟ್ಟು ತಮ್ಮ ಶಕ್ತಿಗೆ ತಕ್ಕಂತೆ ಭಾರತದ ಬಗ್ಗೆ ಚಿಂತಿಸಿ, ಭಾರತಕ್ಕಾಗಿ ದುಡಿದರೆ ಭಾರತ ನಂ.1 ರಾಷ್ಟ್ರವಾಗುವುದರಲ್ಲಿ ಯಾವುದೇ ಸಂಶಯವಿಲ್ಲ.

ನಮ್ಮ ಈ ಭಾರತದಲ್ಲಿ ಎಲ್ಲರೂ ಅವರದೇ ಆದ ರೀತಿಯಲ್ಲಿ ಒಂದಲ್ಲಾ ಒಂದು ವಿಷಯದಲ್ಲಿ ಪ್ರವೀಣರು. ಎಲ್ಲರ ಐಕ್ಯತೆಯ ದುಡಿಮೆ ಭಾರತವನ್ನು ಎಲ್ಲ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ನಂ.1 ಮಾಡುವುದರಲ್ಲಿ ಯಾವುದೇ ಸಂಶಯವಿಲ್ಲ. ಸ್ನೇಹಿತರೇ, ಈ ಬರವಣಿಗೆಯ ಮೂಲಕ ನನ್ನ ಸಂದೇಶ ಏನೆಂದರೆ:

"ನಾವು ಈ ಭೂಮಿಯಲ್ಲೇ ಜನ್ಮ ಪಡೆದಿದ್ದೇವೆಂದರೆ ಅದಕ್ಕೆ ಒಂದು ಕಾರಣವಂತು ಇದ್ದೇ ಇರುತ್ತದೆ. ಆ ಕಾರಣ ಏನೆಂಬುದನ್ನು ಹುಡುಕಿ ಅದನ್ನು ಯಶಸ್ವಿಯಾಗಿ ಪೂರ್ಣಗೊಳಿಸುವುದೆ ಪ್ರತಿಯೊಬ್ಬ ಜೀವಿಯ ಜೀವನದ ಸಾರ್ಥಕತೆ ಎಂದು ನಾನು ಭಾವಿಸುತ್ತೇನೆ. ಅದ್ದರಿಂದ ನಿಮ್ಮೆಲ್ಲರಿಗೂ ಈ ವಿಷಯದಲ್ಲಿ ಒಳ್ಳೆಯದಾಗಲಿ. ಭಾರತದ ಏಳಿಗೆಯಲ್ಲಿ ಪ್ರತಿಯೊಬ್ಬ ಪ್ರಜೆಯ ಪಾತ್ರವಿರಲಿ ಎಂಬುದೆ ನನ್ನ ಆಶಯ.

ಅದೇ ಇಲ್ಲೇ ಯಾಕೇ?
ಇನ್ನೇನು ಈ ಜನ್ಮಕ್ಕೆ?

ಕವಿತೆಗಳು

ಮನಸಿನ ಮಾತನು ತಿಳಿಯದೆ
ತನುವಿನ ಕೊರಗನು ಅರಿಯದೆ
ನಾ ಸಾಧಿಸುವೆನೆಂಬ ಅಹಂಕಾರವ ಬಿಡು

ಮಮತೆಯ ಕಥೆಯೊಂದು ನಿನಗೆ
ಬರೆಯಲು ಮನಸಾಗಿದೆ ನನಗೆ
ಅರಿಯುವ ಮನಸು ನಿನಗಿದೆಯೆ

ನನಗಾಗುವ ನೋವ ತಡೆಯಬಲ್ಲೆ
ನಿನಗಾಗುವ ನೋವ ಸಹಿಸಲೊಲ್ಲೆ
ಓ ದೇವರೇ ಒಂದು ಮನವಿ ಇಡುವೆ
ಅವನಿಗೆ ಕೊಡುವ ಕಷ್ಟವ ನನಗೆ ಕೊಡೆಂದು

ಓ ದೇವ ನನ್ನ ಮನವಿ ಹರಸು
ಆ ಮುಗ್ಧ ಬಾಲಕನಲಿ ನಗುವ ಬರಿಸು
ನನ್ನ ಜೀವವೇ ಹೋದರು ನನಗಿಲ್ಲ ಮುನಿಸು
ದಯಮಾಡಿ ಈಡೇರಿಸು ನನ್ನ ಈ ಕನಸು

ಮನದ ತವಕ ಹೇಳದೆ
ನಿನ್ನ ಮನವು ಕೊರಗಿದೆ
ಅದನರಿತು ನಾ ಹೇಳಿದೆ
ಓ ಗೆಳೆಯ ನಾನಿರುವೆ

ಕನಸಲಿ ಬರುವ ಆಸೆಗೆ
ಮನಸಲಿ ಮೂಡುವ ಬಯಕೆಗೆ
ಮುಖದಲಿ ಅರಳುವ ನಗೆಗೆ
ಎಲ್ಲಿ ನೋಡಿದರೂ ಕೊನೆ ಸಿಗದು

ಶಶಿಕಿರಣ್ ಬಿ ಇ
8th Sem A, ECE

ಕರ್ಮಯೋಗಿಗೆ ಪ್ರಶ್ನೆಗಳು

ಯಾರು ನೀ ಕರ್ಮಯೋಗಿ
ನಿನ್ನೊಳಗೊಬ್ಬ ನಾ ಕರ್ಮಯೋಗಿ...
ತಪ್ಪುಸರಿಗಳ ಮಾಡುತ್ತ
ಧರ್ಮ ಅಧರ್ಮಗಳ ಸವೆಸುತ್ತ
ಭೋಗಿಸುತ್ತ ಅನುಭವಿಸುತ್ತ
ಬೆವರುತ್ತ ಬೆಪರಿಸುತ್ತ...
ನಿನ್ನೊಳಗೊಬ್ಬ ನಾ ಕರ್ಮಯೋಗಿ

ಎಲವೋ ಕರ್ಮಯೋಗಿ
ನಿನಗಿದೋ ಪ್ರಶ್ನೆಗಳು
ಉತ್ತರಿಸಿದರೂ ಉತ್ತರಿಸದಿದ್ದರೂ ನೀನೆಂದೂ
ಕರ್ಮಯೋಗಿಯೇ!...

ದಾಸ್ಯದಿಂ ಹೊರಬಂದು... ದಾಸ್ಯದ ಊಟ,
ದಾಸ್ಯದ ಉದ್ಯೋಗ ಮಾಡುತ್ತಾ
ದಾಸ್ಯಕ್ಕೆ ಮರಳುತ್ತಿರುವೆಯಾ ನೀ ಕರ್ಮಯೋಗಿ!
ಯಾರು ನೀ ಕರ್ಮಯೋಗಿ?

ಜ್ಯೋತಿ ಡಿ ಎನ್
AP, CV

'ಎಲ್ಲಾ ಬೆರಳುಗಳೂ ಒಂದೇ ರೀತಿಯ ಅಳತೆಯನ್ನು ಹೊಂದಿಲ್ಲ. ಆದರೆ ಅವು ಬಗ್ಗಿ ನಿಂತರೆ ಎಲ್ಲವೂ ಒಂದೇ ಸಮನಾದೀತು. ಬದುಕಿನಲ್ಲೂ ಹಾಗೆ ನಾವು ಬಾಗುವುದಾದರೆ ಮತ್ತು ಸನ್ನಿವೇಶಗಳಿಗೆ ಹೊಂದಿಕೊಳ್ಳುವುದಾದರೆ ಬದುಕು ತುಂಬಾ ಸರಳ.'

ಗೋಡೆಗಳು

ಮನೋಜ್ ಕೆ ಜಿ
A P, CV

ತಲೆಯ ಮೇಲಾಕಾಶ
ಕಾಲ ಕೆಳಗೆ ವಿಸ್ತಾರ ನೆಲ
ಬೆಳಗು ಸೂರ್ಯನ ಬಿಸಿಲು
ಬೈಗು ಕಾಳ ಕತ್ತಲು

ನೆತ್ತಿ ಮೇಲಣ ಸೂರ್ಯ
ಸುಡುತಿರಲು ಸುತ್ತಿ
ತೆರೆಯಲಾರದ ಕಣ್ಣೆವೆಗಳು
ಮುಚ್ಚಿ ಮಂಜಾಗಿದೆ ದೃಷ್ಟಿ

ಕಡುಕಪ್ಪು ವಿಸ್ತಾರದಿ ಹರಡಿಹೋಗಿರೆ
ಅಗಸದ ಚುಕ್ಕಿ
ಹೊದ್ದ ಚರ್ಮದ ಒಳಗದು
ಸುಳಿ ಛಳಿಯು ಹೊಕ್ಕಿ

ಇವೂ, ಪರಭಕ್ಷಿಗಳ ನಡುವೆ
ಬದುಕಿದು ಎಷ್ಟೊಂದು ಕಷ್ಟ?
ಅಗದೆ ಸುಮ್ಮನೆ ಬೆಚ್ಚನಿರಲು;
ತಿಂದುಂಡು ಓಡಾಡಿ ಅತ್ತಿಂದಿತ್ತ?

ಹೀಗಿದ್ದೂ ಹಾಗಿರಲು
ಉಳಿದುದೊಂದೇ ನಡೆ
ನನ್ನ ಇರುವಿಕೆಯ ಐದು ದಿಕ್ಕಿಗೂ
ಎಬ್ಬಿಸುವೆ ಗೋಡೆ.

ಬೆಳಿಗು ನೆಳಲಿನ ತಂಪು
ರಾತ್ರಿ ಬೆಚ್ಚನೆಯ ಕಂಪು
ಇರದು ಪರಭಕ್ಷಕಗಳ–
–ಸದಾ ಭಯದ ಜೋಂಪು

ಬಿಸಿಲೋ ಮಳೆಯೋ
ಬದುಕಲ್ಲಿದೆ ಖುಷಿ ಸೋಂಪು
ದೂರದ ಮರದ ಮೇಲಿನ
ಪಕ್ಷಿಯ ಗಾನ ಇಂಪು

ಎಷ್ಟೇ ಕಷ್ಟವಿದ್ದರೂ
ಬೇಕಿದೆ ಒಂಚೂರು ಬಿಸಿಲದು
ಕೈಕಾಲು ಕಾಣದೆ ಗಾಬರಿಯಾಗಲಾದರೂ
ಬೇಕಿದೆ ಒಂಚೂರು ಕತ್ತಲದು
ಗಾಳಿಯದು ಮೈಮೇಲೆ ಹರಿದಾಡಬೇಕಿದೆ
ಪ್ರಾಣದ ಅರಿವಾಗಲು
ಇರುವಿಕೆಗೆ ಬೆಲೆ ಬರಲು
ಬೇಕಿದೆ ಹಂತಕ ಭಕ್ಷಕಗಳವು

ಎಲ್ಲವು ಸರಿಯಾಯಿತು
ಅಂದುಕೊಂಡರೆ ಎನೋ ಸರಿಯಿಲ್ಲ
ಎಲ್ಲಿಗೋ ಹೋಗಬೇಕೆಂದುಕೊಂಡು
ಎಲ್ಲಿಯೋ ಸಿಕ್ಕಿಕೊಂಡಂತಾಯಿತಲ್ಲ

ಗೋಡೆಗಳ ಕಟ್ಟುವುದು ತಪ್ಪಲ್ಲ
ಇರಲಿ ಬಾಗಿಲು ಕಿಟಕಿಗಳು ಅಲ್ಲಲ್ಲಿ
ಗೋಡೆಗಳ ಮಧ್ಯ ಕಾವೇರಿ ಕಡುಗತ್ತಲಾದಲ್ಲಿ
ಗಾಳಿ ಬೆಳಕುಗಳು ಬರಲಿ; ಅವುಗಳಾ ನಡುವಲ್ಲಿ
–ಮನೋಜವಂ

ನಿರಾಸೆ ಪಡಬೇಡ; ಒಂದು ವೇಳೆ ನಿರಾಸೆಯಾದರೂ ಮಾಡುವ ಕೆಲಸ ಬಿಡಬೇಡ.
ಬರ್ಕ್

ಕತ್ತಲಿನಿಂದ ಬೆಳಕಿನೆಡೆಗೆ.....!

ನಿಖಿಲ್ ಕುಮಾರ್ ಆರ್
8th Sem B, ECE

ಪ್ರತಿಯೊಬ್ಬರ ಜೀವನದಲ್ಲಿ ಕತ್ತಲು ಮತ್ತು ಬೆಳಕು ಎರಡೂ ಕೂಡ ಬರುತ್ತದೆ. ಜೀವನದಲ್ಲಿ ಎರಡನ್ನು ನಾವು ಸಮಾನವಾಗಿಯೇ ಸ್ವೀಕರಿಸಬೇಕು. ನಾವು ತಾಯಿಯ ಗರ್ಭದಲ್ಲಿದ್ದಾಗಲು ಕತ್ತಲಿನಲ್ಲಿ ಇರುತ್ತೇವೆ. ತಿಂಗಳುಗಳ ನಂತರ ಹೊರಗಡೆ ಬಂದ ಮೇಲೆ ಬೆಳಕಿನಲ್ಲಿ ಇರುತ್ತೇವೆ. ಇದೇ ನಮಗೆ ಮೊದಲ ಕತ್ತಲು ಬೆಳಕಿನ ಆಟ.

ಬೆಳಕನ್ನು ನಾವು ಅನುಭವಿಸಬೇಕು ಅಂದರೆ ಅದಕ್ಕೆ ಮುಖ್ಯವಾಗಿ ಬೇಕಾಗಿರುವುದು ಕಣ್ಣುಗಳು. ಈ ನಮ್ಮ ಕಣ್ಣುಗಳನ್ನು ದೇವರು ಕೆಲವರಿಗೆ ಕರುಣಿಸಿಯೇ ಇರುವುದಿಲ್ಲ. ಆದರೂ ಅವರು ಕೆಲವು ವಿಷಯಗಳಲ್ಲಿ ಕಣ್ಣು ಉಳ್ಳವರಿಗಿಂತಲೂ ಮುಂದಿರುತ್ತಾರೆ. ಇದಕ್ಕೆ ಉತ್ತಮ ಉದಾಹರಣೆ ಎಂದರೆ ಶ್ರೀ ಪಂಡಿತ ಪುಟ್ಟರಾಜ ಗವಾಯಿಗಳು. ಅವರು ಕಣ್ಣಿಲ್ಲದೆ ಮಾಡಿದ ಸಾಧನೆ ಕಣ್ಣಿರುವವರಿಗೆ ಸ್ಫೂರ್ತಿಯಾಗಿದೆ. ಇಂದು ಅವರಿಂದ ಸ್ಫೂರ್ತಿ ಪಡೆದ ಎಷ್ಟೋ ಲಕ್ಷಾಂತರ ಮಂದಿ ಜೀವನದಲ್ಲಿ ಬೆಳಗೆಯನ್ನು ಕಾಣುತ್ತಿದ್ದಾರೆ.

ನಾವು ಪ್ರತಿದಿನ ರಾತ್ರಿ ಮಲಗುವಾಗ ಕತ್ತಲಿನಲ್ಲಿ ಇರುತ್ತೇವೆ. ಮತ್ತೆ ಬೆಳಗ್ಗೆ ಏಳುತ್ತೇವೆ. ಇದೇ ಕತ್ತಲು ಬೆಳಕಿನ ಆಟ. ಕತ್ತಲಿನಲ್ಲಿ ನಾವು ಕನಸನ್ನು ಕಾಣುತ್ತೇವೆ. ಆದರೆ ಅದನ್ನು ಫಲದಿಂದ ನನಸು ಮಾಡಲು ಬೆಳಕಿನೆಡೆಗೆ ಬರಲೇಬೇಕು. ಇದೇ ಅಲ್ಲವೇ ಜೀವನ. ಕತ್ತಲು ಇಲ್ಲದೆ ಬೆಳಕಿಲ್ಲ.

"ಮನಸ್ಸಿದ್ದರೇ ಮಾರ್ಗ"

kannada articles

ನನ್ನೊಳಗಿನ ನೀನು

ಪ್ರೀತಿ ಬರ್ಮನ್
4th Sem B, CSE

ಬಂದರೆ ಬರಲಿ ತುಂಬು ಸಂತಸಕ್ಕೆ ಕೆಲ ಸವಾಲುಗಳು
ಕಷ್ಟವಿರಲಿ ನಷ್ಟವಿರಲಿ ನಮಗೆ ಆಟಪಾಠಗಳು
ಮಾಸದು ಸುಗ್ಗಿ ನಂದದು ನಗುವು
ಜಯಿಸುವೆ ಜಗವ ಜೊತೆಗಿರೆ ನಿನ್ನೊಲವು

ಮಳೆಯಿರಲಿ ಬಿಸಿಲಿರಲಿ ಬರವಿರಲಿ ನೆರೆಯಿರಲಿ
ಧೈರ್ಯವಿದೆ ತಾಳ್ಮೆಯಿದೆ ತೃಪ್ತಿಯಿದೆ ಮನದಲಿ
ನಾನಿರುವೆ ನಾನಾಗಿ ನಿನ್ನಿಂದ ಗೆಲುವಾಗಿ
ನಗುತಿರುವೆ ಸದಾ ನಿನ್ನ ನನ್ನ ಸಲುವಾಗಿ

ನೀನು

ಬದುಕು ಪಗಡೆಯ ಹಾಸು;
ರಕ್ಷೆಯಿರದ ಕಾಯಿ ನಾನು–
ಅಕ್ಷವು ನೀನು.
ಬಾಳು ತಮಸಿನಿರುಳು
ಎಂದು ಬೆಳಗ್ಗೆ ನಾನು 'ಇಂದು'–
ರವಿಯು ನೀನು.
ಬದುಕು ಆಸೆಯ ಹೆಮ್ಮರವು;
ಬರಿಯೆ ಬೇರು ನಾನು–
ನೀರು ನೀನು.
ಬಾಳು ಸ್ವಪ್ನದ ಕಡಲು;
ತೆರೆಯಂತಪ್ಪಳಿಸುವೆ ನಾನು–
ತೆರೆಯು ನೀನು.

ಅಮ್ಮ ಎಂಬ ಮಾತಿಗಿಂತ...

ಅಮ್ಮ ಎಂಬ ಮಾತಿಗಿಂತ
ಬೇರೆ ಮಂತ್ರ ಎಲ್ಲಿದೆ?
ಅದು ನೀಡುವ ಶಾಂತಿಕಾಂತಿ
ಯಾವ ತಾರೆ ರವಿಗಿದೆ?

ಹಾಲು ಕುಡಿಸಿ ಹೃದಯ ಬಿಡಿಸಿ
ಪ್ರೀತಿ ಉಣಿಸಿ ಮನಸಿಗೆ
ಬಾಳ ತೇದು ಮಕ್ಕಳಿಗೆ
ಬೆರೆದಳಲ್ಲ ಕನಸಿಗೆ !

ಆದರ್ಶ್ ಇ
6th Sem B, ECE

ಕ್ರೋಧ ಬರದಂತೆ ತಪಸ್ಸನ್ನು, ಹೊಟ್ಟೆಕಿಚ್ಚು ಪಡದೆ ಧರ್ಮವನ್ನೂ ರಕ್ಷಿಸಿಕೊಳ್ಳಬೇಕು.
ಮಾನ–ಅಪಮಾನಗಳಿಗೆ ಜಗ್ಗದೆ ವಿದ್ಯೆಯನ್ನು ಸಂಗ್ರಹಿಸಿ ಉಳಿಸಿ ಕೊಳ್ಳಬೇಕು.
ತಪ್ಪುದಾರಿ ತುಳಿಯದಂತೆ ತನ್ನ ಆತ್ಮವನ್ನು ಕಾಪಾಡಿಕೊಳ್ಳಬೇಕು.
ಮಹಾಭಾರತ.

ನಾ ನೆನಪಿಡಲೆ ನಿನ್ನ ಇಂದು

ಪ್ರಿಯಾಂಕ ಆರ್
8th Sem A, ECE

ಎಲ್ಲೊ ಮೂಡಿದ ಭಾವನೆ ಮನದೊಳಗೆ ಸುಳಿದಾಡಿ
ನೆನಪಿಡುವಂತೆ ಮಾಡಿದೆ ಪರಿಚಿತವಾದ ಸ್ನೇಹದ
ಕಾರಣಗಳು ಕಲ್ಪನೆಯಲಿ ಕರಗುತಲಿ ನಿನ್ನೆದುರು
ಗೆಳೆಯಾ, ನಾ ನೆನಪಿಡಲೆ ನಿನ್ನ ಇಂದು...

ಮೃದುವಾದ ಮನಸುಗಳ ನೀನು ನನ್ನ ಪಾಲಿಗೆ
ಋಣಿಯಾಗಿರಲೆ ಅಥವಾ ಗೆಳತಿಯಾಗಿರಲೆ ಹೇಳು ನೀ
ಖುಷಿ ಕಾಣುತಿರುವೆ ಪ್ರತಿಕ್ಷಣ ನಿನ್ನೊಡನೆ ನಾ ಅದಕಾಗಿ
ಗೆಳೆಯಾ, ನಾ ನೆನಪಿಡಲೆ ನಿನ್ನ ಇಂದು...

ನೀನು ಎಷ್ಟು ಹಚ್ಚಿಕೊಂಡಿರುವೆ ಆ ನಿನ್ನ ಗೆಳೆಯನ
ನಾ, ಅವನಾಗಬಾರದಿತ್ತೆ ಎಂಬ ಕೊಂಚ ದುರಾಸೆ ನನ್ನದು
ಇರಲಿ ಬಿಡು ನಾ ನಾನಾಗಿರುವೆ ಎಂದೆಂದು, ಹಾಗೆ ಇದ್ದೂ
ಗೆಳೆಯಾ, ನಾ ನೆನಪಿಡಲೆ ನಿನ್ನ ಇಂದು...

ಒಲವಿನ ಹಾದಿಯಲಿ ಒಲವಿನ ಬೆಳದಿಂಗಳ ಚೆಲ್ಲಿ
ಭಾವನೆಗಳ ಹೊತ್ತಿಗೆಯ ಓದುವ ನಿನಗೆ,
ಹಾಗೆ ಗೆಳೆಯಾ, ನಾ ನೆನಪಿಡಲೆ ನಿನ್ನ ಇಂದು...
ನನ್ನ ಮನದಂಗಳದಲ್ಲಿ ನೀ ನಲಿಯೆನೆನ್ನಲು ಸಾಧ್ಯವೇ

ರವೀಶ್ ಎಂ ಎಸ್
6th Sem B, Mech

ಕದ್ದಳು ಕದ್ದಳು ನನ್ನ ಮನಸ್ಸು ಕದ್ದಳು
ಕಣ್ಣ ನೋಟದಲ್ಲೆ ಮನಸ್ಸು ಕದ್ದಳು
ನಿನ್ನೆವರೆಗೂ ನನ್ನ ಮಾತು ಕೇಳುತ್ತಿದ್ದ ಮನಸ್ಸು
ಇಂದು ಕೇಳುತ್ತಿದೆ ಅವಳ ಮಾತು
ಎಲ್ಲಿ ನೋಡಿದರಲ್ಲಿ ಅವಳ ಮಾತು
ಎಲ್ಲಿ ನೋಡಿದರಲ್ಲಿ ಅವಳ ರೂಪ
ಆಗುತ್ತಿದೆ ಮನಸ್ಸಿಗೆ ಉಲ್ಲಾಸ

ಸ್ನೇಹಿತರೆ ಎಲ್ಲಾ ಅನ್ನುತ್ತಿದ್ದ ಮನಸ್ಸಿಗೆ
ಇಂದು ಅವಳೇ ಸರ್ವಸ್ವ
ಯಾರು ಬೇಡವಾಗಿದೆ ಹೃದಯಕೆ
ಅವಳ ಜೊತೆ ಹೋಗಬೇಕೆ Dating
"ನನಗೆ ಏಕೋ ಅನಿಸ್ತಿದೆ ಈ ಕೂರ್ಗಿ ಹುಡುಗಿ,
ಆಗುತ್ತಾಳೆ ಇಂದು ಈ ಕುರುಬನ ರಾಣಿ"

Maths Notesನಲ್ಲಿ Techno Tip
Pen ಬರೆಯುತ್ತಿದೆ Love U ಅಚಿತ
ಹೇಳಿಬಿಡೆ I too Love U
ಜಗವನ್ನೇ ಗೆಲ್ಲುವೆ ನಿನಗಂತ
ಮನಸಾರೆ ನಾ ಹೇಳುವೆ
ಇನ್ನಾರು ಜನುಮದಲ್ಲೂ
ಮರೆಯೊಲ್ಲ ಆ ಕಿರು Smileನ್ನು

ಜೀವನದ ನನ್ನೆಲ್ಲಾ ಆಸೆಯ
ಬದಿಗಿಟ್ಟು ಬರುವೆ ನಿನ್ನ ಜೊತೆ
ಬೇರೇನು ಬೇಕಿಲ್ಲ ಈ ಜೀವಕೆ
ಕದ್ದಳು ಕದ್ದಳು ನನ್ನ ಮನಸ್ಸು ಕದ್ದಳು
ಕಣ್ಣ ನೋಟದಲ್ಲೆ ಮನಸ್ಸು ಕದ್ದಳು
ಪ್ರತಿ ಉಸಿರಿನ ಉಸಿರಾಟದಲ್ಲೂ
ಬದುಕಿರುವ ನಿನ್ನ ಕಲ್ಪನೆಯಲ್ಲೆ
ಕಾಯುವೆ ನಿನ್ನ ಕೊನೆ ತನಕ
ನಾ ಅರಕ್ಷಕನಾಗಿ ಒಲವೆ..

ಹುಡುಕಿದರು ಸಿಗಲ್ಲಾ ನಿನ್ನಂತ Crazy ಹುಡುಗಿ
ನಾನಂತು ಈಗ ತುಂಬಾ Silent Boy
ನಿನ್ನ ನೋಡಿ

ಪ್ರಕೃತಿ

ಸಂತೋಷ್ ಕೆ
6th Sem B, ECE

ನಿನ್ನಾ ನೋಡುತಿರಲು ಈ ಕಂಗಳಿಗೆ
ಹಗಲ್ಗನಸಿನ ಪರದೆಯೇ ಎದುರಿಗೆ
ಅದ್ಯಾವ ಲೋಕದ ಮಾಯೆಯೇ ನೀ ಎನಗೆ
ನಿನ್ನಾ ಪ್ರೀತಿಯೆ ಜೀವನವು ಈ ತನುವಿಗೆ

ಹೀಗೆ ಸುಮ್ಮನೆ ಉರುಳುತಿರಲಿ ಋತುಗಳು
ನೀ ಮುಂದೆ ನಾ ಹಿಂದೆ ಎನಿಕೆಯಿಲ್ಲದ ಪಥಗಳು
ಕನಸೋ ನನಸೋ ಅರಿಯದ ಈ ರಾತ್ರಿಗಳು
ದಿನವಾದರೋ ಮಾಯಾಲೋಕದ ಕ್ಷಣಗಳು

ಮಿಂಚಂತೆ ನೀ ಬಂದೆ
ಬೆರಗಾಗಿ ನಾ ಬಂದೆ
ನಿಂತಲ್ಲಿಯೇ ದುಂಬಿಯು ನಾನಾದೆ
ಪ್ರೇಮದಾ ಅಂಕುರ ನೀನಾದೆ

ನೀನಾಡುವ ಆ ಪಿಸುಮಾತು
ಮನಗೆಲ್ಲುವ ಸಿಹಿಯಾತು
ಸಿಹಿಯಾತು ನಿನ್ನಿಂದಾ ಜೀವನ ಸೊಗಸಾತು
ಅಲೆಯಾತು ಜೀವನ ಪ್ರೀತಿಯ ಅಲೆಯಾತು

ನಿನ್ನಂದದ ಛಾಯೆಯ ನೀ ಚೆಲ್ಲಿದೆ
ನನ್ನೋಟವ ನಿನ್ನೋಟದಿ ಬೆಸೆದೆ
ನೋಡುತಲೇ ಪ್ರೀತಿಯ ಲೋಕಕೆ ನೀ ಸೆಳೆದೆ
ಆ ಲೋಕಕೆ ಪ್ರೇಮಿಯು ನೀನಾದೆ

ಸೋಲುವುದಿಲ್ಲ ಅಪ್ಪ

ಯಾರೋ ಹೋಣೆಸಿ ಬಿಟ್ಟ ಮಧ್ಯೆಯೇ
ಉಸಿರಾಡಿಕೊಂಡು
ನೆಟ್ಟಗೆ ನಿಲ್ಲದ ಮುರಿದ ಬೆನ್ನ ಮೇಲೆಯೇ
ಬಾಗಿದ ದಾರಿ ತೋರಿಸಿ
ಸಿಡಿವ ಮದ್ದುಗಳೆದುರೆ ಉರುಳುರುಳಿ
ಬಿದ್ದ ಗುಂಡಾಗಿ
ಹೆಡೆ ಎತ್ತಿ ನಿಂತ ಅಷಾಢಭೂತಿಗಳ ನಡುವೆಯೇ
ಬೆರಳಿಡಿದೆತ್ತುತ್ತಾನೆ ಅಪ್ಪ

ಕೊಳೆತು ಹೋಗುವ ಕತ್ತಲೆಯ ನಡುವೆ
ಉರಿದು ಹೋದ ದೀಪವಾದ ಅಪ್ಪ
ಹರಸಿದ ಕೈಗಳಲಿ
ಮಾಸಿದ ಗೆರೆ ಮೂಡಿದ ಗುರುತುಗಳ ಹಿಂದಿಕ್ಕಿ
ನೇಗಿಲಿಡಿದ ಬೊಬ್ಬೆ ಹಸ್ತಗಳ ದಿವ್ಯ ಸನ್ನಿಧಿಯಲಿ
ಗುಡಿಗೋಪುರ ಕಟ್ಟಿ ಭವಿಷ್ಯದ ಗಂಟೆ ಬಾರಿಸಲು
ಅಣಿಯಾಗುತಾನೆ

ಇರುಳು ಸರಿದಾಗ
ರಥ ಸಾಗಿದ ಬೀದಿಯಲಿ ಒಂಟಿಯಾಗಿ
ನೆತ್ತಿ ಎತ್ತಿ ಬಾನು ನೋಡಿ ಕುಳಿತಾಗ
ಹೊತ್ತು ಹೋದ ಪಿಕಾಸಿಗಳೆಷ್ಟೋ?
ತೋರಿಸಿಲ್ಲ ಅಪ್ಪ ಈಗೀಗ
ಗಂಜಿಯೂ ಹರಿಯದ ಗಂಟಲೊಳಗೆ
ಸುಮ್ಮನೆ ಎದ್ದು ಕೂತ ಬೊಬ್ಬೆಗಳನು...

ನವ್ಯಾ ಟಿ ಜೆ
4th Sem A, Civil

'ಯೋಚಿಸುವ ಯಂತ್ರಗಳು'

ಮೀನ ವಾರದ ಕೊನೆಗೆ ಸುತ್ತಾಡಲು ಮಾಲ್‌ಗೆ ಹೋದಳು. ಮುಖ್ಯದ್ವಾರ ಪ್ರವೇಶಿಸುವ ಮೊದಲೇ ಅವಳ ಸೆಲ್‌ಫೋನ್ ಸದ್ದು ಮಾಡಿತು. 'ಮಾಲ್‌ಗೆ ಸ್ವಾಗತ. ನಮ್ಮಲ್ಲಿರುವ ಅಂಗಡಿಗಳು 150. ನಮ್ಮಲ್ಲಿರುವ ಸೇವೆಗಳು. . . . . ಈ ವಾರದ ವಿಶೇಷ. . . . .' ಮೀನಾಳಿಗೆ ಆಶ್ಚರ್ಯವಾದರೂ ಹೊಸ ತಂತ್ರಜ್ಞಾನವಿರಬಹುದೆಂದು ಖುಷಿಯಾಗಿ ಸುಮ್ಮನಾದಳು.

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ಸುಕೃತಿ ಮನೆಯ ಎಲ್ಲ ಕೆಲಸ ಮುಗಿಸಿ, ಕೆಲಸಕ್ಕೆ ಹೊರಟಳು. ಇಂದು ತಡವಾಯಿತು, ಬೇಗ ಏಳಬೇಕಿತ್ತು. ಬಸ್ಸು ಸಿಗುತ್ತೋ ಏನೋ ಎಂದುಕೊಂಡು ಧಾಮುಗಾಲು ಇಡುತ್ತಾ ಬಸ್ ಸ್ಟಾಪ್ ತಲುಪಿದಳು. ತಕ್ಷಣ ಅವಳ ಫೋನ್ ರಿಂಗಣಿಸಿತು. 'ನೀವು ಇಂದು ಹದಿನೈದು ನಿಮಿಷ ತಡವಾಗಿದ್ದೀರಿ'. ಸಂದೇಶ ಓದುತ್ತಿದ್ದಂತೆಯೇ, ಇದು ಯಾವ ಅಪ್ಲಿಕೇಶನ್ ಡೌನ್‌ಲೋಡ್ ಮಾಡಿದ್ದೀನಿ ಎಂದುಕೊಳ್ಳುತ್ತಿದ್ದಂತೆಯೇ ಬಸ್ ಬರುವುದನ್ನು ನೋಡಿ ಅತ್ತ ನಡೆದಳು.

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ಸುಜಯ್ ಮನೆಗೆ ತಡವಾಗಿ ತೆರಳಿದನು. ದಿನಪೂರ್ತಿಯ ದಣಿವು ಈಗ ಕಾಣಿಸಿಕೊಳ್ಳುತ್ತಿತ್ತು. ಸೈಟ್ ಪೂರ್ತಿ ನಡೆದು ಸಂಗ್ರಹಿಸಿದ ಮಾಹಿತಿಯನ್ನು ನೆನೆಸಿಕೊಳ್ಳುತ್ತಿದ್ದಂತೆಯೇ 'ಬಿಪ್ ಬೀಪ್' ಸದ್ದಾಯಿತು. ಫೋನ್ ತೆರೆದು ಓದಿದರೆ, 'ನೀವು ಇವತ್ತು 5 ಕಿ.ಮೀ ಅಧಿಕ ನಡೆದಿದ್ದೀರಿ. ನಿಮಗೆ ವಿಶ್ರಾಂತಿಯ ಅವಶ್ಯಕತೆ ಇದೆ' ಎಂದಿತ್ತು. ಇದಾವ ಮೆಸೆಜ್ ಎಂದು ಚೆಕ್ ಮಾಡಲು 'ಪಪ್ಪ' ಎನ್ನುತ್ತಾ ಬಂದ ಮಗನ ಮುಖ ನೋಡುತ್ತಾ ಎಲ್ಲ ಮರೆತುಹೋಯಿತು.

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ದೂರದ ವ್ಯಕ್ತಿಗಳೊಂದಿಗೆ ಮಾತನಾಡಲೆಂದು ಆವಿಷ್ಕಾರವಾಗಿದ್ದು ಸೆಲ್‌ಫೋನ್. ಬರಬರುತ್ತಾ ಅದರ ವಿನ್ಯಾಸ ವಿಸ್ತಾರಗೊಳ್ಳುತ್ತಾ ಹೋಯಿತು. ಇತ್ತೀಚೆಗಂತು ದಿನಚರಿಯ ಭಾಗವಾಗಿದೆ 'ಸೆಲ್‌ಫೋನ್'. ಆಧುನಿಕ ಮಾರುಕಟ್ಟೆಯಲ್ಲಿ ಕಾಣಿಸಿಕೊಳ್ಳುತ್ತಿರುವ ವಿಶೇಷ ವಿನ್ಯಾಸದ, ವಿಶೇಷ ತಂತ್ರಜ್ಞಾನದ 'ಸೆಲ್‌ಫೋನ್'ಗಳಿಗೆ ಮಾರುಹೋಗುತ್ತಿದ್ದೇವೆ. ನಮ್ಮ ನಿತ್ಯಜೀವನದಲ್ಲಿ ಫೋನ್‌ಗಳು ಪ್ರಮುಖ ಪಾತ್ರವಹಿಸುತ್ತಿವೆ ಎನ್ನುವುದಕ್ಕಿಂತ 'ಸೆಲ್‌ಫೋನ್'ನ ಮೇಲೆ ನಾವು ಅವಲಂಬಿತರಾಗುತ್ತಿದ್ದೇವೆ ಎನಿಸುತ್ತಿದೆ. ಮಾನವನ ಅನುಕೂಲಕ್ಕಾಗಿ ಸೃಷ್ಟಿ ಮಾಡಿಕೊಂಡ ಯಂತ್ರಗಳೆಲ್ಲ ಬುದ್ಧಿವಂತವಾಗುತ್ತಿವೆ. ಅಥವ ಬುದ್ಧಿವಂತಿಕೆಯ ಪಾಠವನ್ನು ಅವಕ್ಕೆ ಕಲಿಸುತ್ತ ನಾವು ಮರೆಯುತ್ತಿದ್ದೇವೆ.

ಗೊತ್ತಿಲ್ಲದ ಸ್ಥಳಗಳು, ಗೋಳದಲ್ಲಿ ಅದೆಲ್ಲೋ ನಡೆಯುತ್ತಿರುವ ಧಂಗೆಗಳು, ಹೊಸದಾಗಿ ಕೇಳಿದ ಭಾಷೆ, ಈಗಷ್ಟೆ ಮಾರುಕಟ್ಟೆಗೆ ಬಂದ ನವ ಮಾದರಿಯ ಯಂತ್ರಗಳು, ಗುದ್ದುವ ಗೂಳಿಯೇ ಇದು ಎಂದುಕೊಂಡ ಷೇರುಮಾರುಕಟ್ಟೆ.....ಇವೆಲ್ಲ ಬೆರಳತುದಿಯ ವಿಚಾರಗಳು. ಇಷ್ಟೇ ಆಗಿದ್ದರೆ ಎಲ್ಲವೂ ಸರಿಯೇ, ಅಂತರ್ಜಾಲವು ಸೆಲ್‌ಫೋನ್ ಒಳಹೊಕ್ಕು ಬ್ರಹ್ಮಾಂಡವನ್ನು ನಮ್ಮ ಮುಂದಿಟ್ಟಿದೆ ಎಂದುಕೊಳ್ಳಬಹುದಿತ್ತು. ಆದರೆ ನಮ್ಮ ಯಂತ್ರಗಳು (ಸೆಲ್ ಫೋನ್) ಇದಕ್ಕಿಂತ ಒಂದು ಹೆಜ್ಜೆ ಮುಂದೋಗುತ್ತಿವೆ. ನಮ್ಮ ಅನುಕೂಲಕ್ಕೆ ತಕ್ಕಂತೆ ಹೊಸ ಯಂತ್ರಗಳನ್ನು ವಿನ್ಯಾಸಗೊಳಿಸುತ್ತ ಹಿಂದಿರುಗಲೂ ಆಗದಂತೆ ತುತ್ತತುದಿಗೆ ಬಂದು ನಿಂತಿದ್ದೇವೆ. ಸೆಲ್ ಫೋನ್ ಒಂದು ಉದಾಹರಣೆ ಅಷ್ಟೆ.

Artificial Intelligence (ಆರ್ಟಿಫಿಷಿಯಲ್ ಇಂಟೆಲಿಜೆನ್ಸ್). ಕೃತಕವಾಗಿ ಬುದ್ಧಿವಂತಿಕೆಯನ್ನು ಯಂತ್ರಗಳಿಗೆ ತುಂಬುವ ಪ್ರಕ್ರಿಯೆ. 'ಸೆಲ್‌ಫೋನ್', 'ರೊಬೋಟ್ಸ್' ಕೆಲವು ಉದಾಹರಣೆಗಳಷ್ಟೆ. ನಾವು ಮೊದಲೇ ಸಿದ್ಧಪಡಿಸಿದ ಪ್ರೋಗ್ರಾಮ್(Program)ಗಳನ್ನು ಅವಕ್ಕೆ ಅಳವಡಿಸಲಾಗುತ್ತಿತ್ತು. ನಾವು ಪ್ರಶ್ನೆ ಕೇಳಿದಾಗ ತನ್ನೊಳಗೆ ಅದಾಗಲೇ ಅಳವಡಿಸಿದ ಮಾಹಿತಿಯೊಳಗೆ ಹುಡುಕಿ ಕ್ಷಣಾರ್ಧದಲ್ಲಿ ಉತ್ತರ ಹೇಳುತ್ತಿತ್ತು. ಅಂದರೆ ಅಷ್ಟು ಮಾಹಿತಿಯನ್ನು ನಾವು ಮೊದಲೇ ಅದಕ್ಕೆ ಪ್ರೋಗ್ರಾಮ್ ರೂಪದಲ್ಲಿ ತುಂಬಿರಬೇಕು. ನೇರಪ್ರಶ್ನೆಗೆ ನೇರ ಉತ್ತರ. ಆದರೆ ಅದೇ ಪ್ರಶ್ನೆಯನ್ನು ಸಾಂದರ್ಭಿಕವಾಗಿ, ಸಂಕುಚಿತವಾಗಿ, ವಿಮರ್ಶಾತ್ಮಕವಾಗಿ ಕೇಳಿದರೆ ಅದು ಉತ್ತರ ಹೇಳಲೊಲ್ಲದು. ಏಕೆಂದರೆ ಅದು ಯೋಚಿಸುವುದಿಲ್ಲ. ಅದೊಂದು ಯಂತ್ರ.

ವಿಜ್ಞಾನಿಗಳು ಒಂದು ಹೆಜ್ಜೆ ಮುಂದೆ ಹೋಗಿ ಯಂತ್ರಗಳೂ ಯೋಚಿಸಿದರೆ ಹೇಗಿರಬಹುದು ಎಂದು ಯೋಚಿಸಿ, ಆ ಯೋಜನೆಯನ್ನು ಯಶಸ್ವಿಗೊಳಿಸುತ್ತಿದ್ದಾರೆ. 'ಯೋಚಿಸುವ ಯಂತ್ರಗಳು' ಮಾರುಕಟ್ಟೆಗೆ ಪ್ರವೇಶಿಸಿವೆ. ಮಾನವನ ಅನುಕೂಲಕ್ಕಾಗಿ ಮತ್ತೊಂದು ವಿನೂತನ ಪ್ರಯತ್ನ. ಇದರಡಿಯಲ್ಲಿ ಅನೇಕ ಮೊಬೈಲ್ ಅಪ್ಲಿಕೇಷನ್‌ಗಳು (Apps) ಸೆಲ್‌ಫೋನ್ ಹೊಕ್ಕಿವೆ. ನಾವು ಹೇಳಿದ ತಕ್ಷಣ ಹಾಡು ಚಾಲ್ತಿ ಮಾಡುವುದು, ಬೇಜಾರಾದಾಗ ಹರಟುವುದು, ಮಾತನಾಡುವುದು. . . . . ಒಂದು ಬಗೆಯಾದರೆ, ನಮ್ಮ ದಿನನಿತ್ಯದ ಚಟುವಟಿಕೆಗಳನ್ನು ಮನನ ಮಾಡಿಕೊಂಡು ಅದಕ್ಕೆ ತಕ್ಕಂತೆ ಸಲಹೆಗಳನ್ನು ನೀಡುವುದು ಇನ್ನೊಂದು ಬಗೆ.

ಜಿ.ಪಿ.ಎಸ್ (Global positioning system) ಹಾಕಿಕೊಂಡು ಓಡಾಡಿದಾಗ ನಾವೆಲ್ಲಿದ್ದೇವೆ ಎನ್ನುವುದರ ಬಗ್ಗೆ ಮಾಹಿತಿ ಸಿಗುತ್ತದೆ. ಆದರೆ ಈ ಹೊಸ ಆ್ಯಪ್‌ಗಳಲ್ಲಿ ಜಿ.ಪಿ.ಎಸ್ ಅವಶ್ಯತಕೆ ಇಲ್ಲ. ಅದಿಲ್ಲದೆಯೂ ನಮ್ಮ ನಿರ್ದಿಷ್ಟ ಓಡಾಟಗಳು ಮಾಹಿತಿಯನ್ನು ಅವು ಕಲೆ ಹಾಕುತ್ತವೆ. (Apps ಡೌನ್‌ಲೋಡ್ ಮಾಡುವಾಗ Allow app to access your location, Allow app to access your phone images, video, dataಗೆ Yes ಎಂದು ಕೊಟ್ಟಿರುತ್ತೇವೆ) ಹಾಗೆಯೇ ದಿನನಿತ್ಯದಲ್ಲಿ ಸರಾಸರಿ ನಡೆಯುವುದು, ಫೋಟೋ ಕ್ಲಿಕ್ಕಿಸಿಕೊಂಡ ಸ್ಥಳ, ಸಮಯ, ಸಾಮಾಜಿಕ ಜಾಲತಾಣಗಳಲ್ಲಿ ಪೋಸ್ಟ್ ಮಾಡಿರುವ ಸಂಗತಿಗಳು, ಅಭಿಪ್ರಾಯಗಳು, ನಾವು ಅಂತರ್ಜಾಲದಲ್ಲಿ ನೋಡಿದ ಸಿನೆಮಾ, ವಿಡಿಯೋ, ಸುಮ್ಮನೆ share ಮಾಡಿದ ಮಾಹಿತಿಗಳು, ಫೋನ್‌ನಲ್ಲಿ ಸೇವ್ ಮಾಡಿದ ಹುಟ್ಟಿದ ಹಬ್ಬ, ಫೋಟೋಗಳು..... ಹೀಗೆ ಪ್ರತಿಯೊಂದು ಸಣ್ಣ ವಿಚಾರಗಳನ್ನು ಸೂಕ್ಷ್ಮವಾಗಿ ಸಂಗ್ರಹಿಸಿಟ್ಟುಕೊಳ್ಳುತ್ತದೆ. ಅಂದರೆ ನಮಗೆ ತಿಳಿಯದೆ ನಮ್ಮ ಬಗೆಗಿನ ಮಾಹಿತಿ ಕಣಜ ಅಲ್ಲಿ ಶೇಖರಿಸಲ್ಪಡುತ್ತದೆ. ಆ ಮಾಹಿತಿಯ ಆಧಾರದ ಮೇಲೆ ದಿನನಿತ್ಯದ ಆಗುಹೋಗುಗಳನ್ನು ಗಮನಿಸಿಕೊಳ್ಳುತ್ತ ಸಲಹೆಗಳನ್ನು ಕೊಡುತ್ತಾ ಹೋಗುತ್ತದೆ. ಈ ಮಾಹಿತಿಗಳೆಲ್ಲ ಮೂಲ serverನಲ್ಲಿ ಶೇಖರಿಸಲ್ಪಡುತ್ತದೆ

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'ಮಾಲ್‌ಗೆ ಸ್ವಾಗತ. ನಮ್ಮಲ್ಲಿರುವ ಅಂಗಡಿಗಳು 150. ನಮ್ಮಲ್ಲಿರುವ ಸೇವೆಗಳು. . . . . ಈ ವಾರದ ವಿಶೇಷ. . . . .'

'ನೀವು ಇಂದು ಹದಿನೈದು ನಿಮಿಷ ತಡವಾಗಿದ್ದೀರಿ.'

'ನೀವು ಇವತ್ತು 5 ಕಿ.ಮೀ ಅಧಿಕ ನಡೆದಿದ್ದೀರಿ. ನಿಮಗೆ ವಿಶ್ರಾಂತಿಯ ಅವಶ್ಯಕತೆ ಇದೆ'

ಇವೆಲ್ಲ ಉದಾಹರಣೆಗಳು, ನಾವೇ ಮಾಡಿಕೊಂಡಿರುವ ಅನುಕೂಲತೆಗಳು. ಅನುಕೂಲತೆಗಳು ಅನುಕೂಲತೆಗಳಾಗಿಯೇ ಉಳಿದರೆ ತೊಂದರೆಯಿಲ್ಲ. ಆದರೆ ಇವು ಹೀಗೆ ಮುಂದುವರಿದರೆ, ಎಲ್ಲಿಗೆ ಹೋಗಿ ನಿಲ್ಲಬಹುದು ಎಂಬುದು ವಿಜ್ಞಾನಿಗಳಿಗೆ ಈಗ ತಲೆನೋವಾಗಿದೆ.

ಮತ್ತೊಂದು ತಲೆನೋವು ಎಂದರೆ ಗೌಪ್ಯತೆ. ನಮ್ಮ ಬಗೆಗಿನ ಸಂಪೂರ್ಣ ಮಾಹಿತಿ ಮತ್ಯಾರದೋ ತೆಕ್ಕೆಗೆ ಬಿದ್ದಂತಾಗಿದೆ. ನಮ್ಮ ಆಸಕ್ತಿ, ಅನಿಸಿಕೆ, ಅಭಿಪ್ರಾಯ ಎಲ್ಲವೂ ತೆರೆದ ಅಂಚೆಯಂತೆ. ಸಾಮಾಜಿಕ ಜಾಲತಾಣಗಳು ಮಾಹಿತಿ ಕೇಂದ್ರಗಳಂತೆ ವರ್ತಿಸುತ್ತಿವೆ. ತಮ್ಮಲ್ಲಿರುವ ಗ್ರಾಹಕರ ಮಾಹಿತಿಗಳನ್ನು ಚುನಾವಣಾ ಸಮಯಗಳಲ್ಲಿ ರಾಜಕೀಯ ಪಕ್ಷಗಳಿಗೆ ರವಾನಿಸಿರುವುದು ವಿಪರ್ಯಾಸ. ಅಲ್ಲಿಗೆ ಗೌಪ್ಯತೆ ಗಗನ ಕುಸುಮ.

ಪ್ರಾಯೋಗಿಕ ಹಂತದಲ್ಲಿದ್ದಾಗಲೇ, ಯಂತ್ರಗಳೆರಡು ಮಾತನಾಡಲು ಶುರು ಮಾಡಿದ್ದನ್ನು ಕಂಡು ತಕ್ಷಣ ಅದನ್ನು ತಟಸ್ಥಗೊಳಿಸಿದ್ದಾರೆ. ಮುಂದಾಗಬಹುದಾದ ಅನಾಹುತಕ್ಕೆ ಇದು ನಾಂದಿ.

ಕೈಗಾರಿಕೋದ್ಯಮದಲ್ಲಿ, ಉತ್ಪಾದನಾ ಘಟಕಗಳಲ್ಲಿ, ಇತ್ತೀಚೆಗೆ ಯುದ್ಧಗಳಲ್ಲೂ ಯಂತ್ರಗಳನ್ನು ಮಾನವನ ಬದಲಾಗಿ ಹೆಚ್ಚಿನ ಕಾರ್ಯಕ್ಷಮತೆಗಾಗಿ ಬಳಸಲಾಗುತ್ತಿದೆ. ಇನ್ನು ಯೋಚಿಸುವ ಯಂತ್ರಗಳನ್ನೇನಾದರು ಉಪಯೋಗಿಸಲು ಶುರುವಿಟ್ಟರೆ ಮಾನವನ ಮಾನ ಕಿಮ್ಮತ್ತು ಇರುವುದಿಲ್ಲ, ಮಾನವತೆಯು ಉಳಿಯುದಿಲ್ಲ. ಈಗಲಾದರೂ ಎಚ್ಚೆತ್ತುಕೊಳ್ಳುವುದು ಒಳಿತು.

ಭಾರತಿ ಬಿ
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भारतीय अंतरिक्ष अनुसंधान संगठन, (संक्षेप में- इसरो) (अंग्रेज़ी: Indian Space Research Organisation, ISRO) भारत का राष्ट्रीय अंतरिक्ष संस्थान है जिसका मुख्यालय बेंगलुरू कर्नाटक में है। संस्थान में लगभग सत्रह हजार कर्मचारी एवं वैज्ञानिक कार्यरत हैं। संस्थान का मुख्य कार्य भारत के लिए अंतरिक्ष संबधी तकनीक उपलब्ध करवाना है। अन्तरिक्ष कार्यक्रम के मुख्य उद्देश्यों में उपग्रहों, प्रमोचक यानों, परिज्ञापी राकेटों और भू-प्रणालियों का विकास शामिल है।

1969 में स्थापित, इसरो अंतरिक्ष अनुसंधान के लिए तत्कालीन भारतीय राष्ट्रीय समिति (INCOSPAR) स्वतंत्र भारत के प्रथम प्रधानमंत्री जवाहर लाल नेहरू और उनके करीबी सहयोगी और वैज्ञानिक विक्रम साराभाई के प्रयासों से 1962 में स्थापित किया गया। [4] भारत का पहला उपग्रह, आर्यभट्ट, जो 19 अप्रैल 1975 सोवियत संघ द्वारा शुरू किया गया था यह गणितज्ञ आर्यभट्ट के नाम पर रखा गया था बनाया।इसने 5 दिन बाद काम करना बंद कर दिया था। लेकिन ये अपने आप में भारत के लिए एक बड़ी उपलब्धि थी। 7 जून 1979 को भारत ने दूसरा उपग्रह भास्कर 445 किलो का था, पृथ्वी की कक्षा में स्थापित किया गया। 1980 में रोहिणी उपग्रह पहला भारतीय-निर्मित प्रक्षेपण यान एसएलवी -3 बन गया जिस्से कक्षा में स्थापित किया गया। इसरो ने बाद में दो अन्य रॉकेट विकसित किये। ध्रुवीय उपग्रह प्रक्षेपण यान उपग्रहों शुरू करने के लिए ध्रुवीय उपग्रह प्रक्षेपण यान (पीएसएलवी),भूस्थिर कक्षा में उपग्रहों को रखने के लिए ध्रुवीय कक्षाओं और भूस्थिर उपग्रह प्रक्षेपण यान (जीएसएलवी) भूस्थिर उपग्रह प्रक्षेपण यान। ये रॉकेट कई संचार उपग्रहों और पृथ्वी अवलोकन गगन और आईआरएनएसएस तरह सैटेलाइट नेविगेशन सिस्टम तैनात किया उपग्रह का शुभारंभ किया।जनवरी 2014 में इसरो सफलतापूर्वक जीसैट -14 का एक जीएसएलवी-डी 5 प्रक्षेपण में एक स्वदेशी क्रायोजेनिक इंजन का इस्तेमाल किया गया।

उपग्रह कार्यक्रम

भारत का पहला उपग्रह आर्यभट्ट सोवियत संघ द्वारा कॉसमॉस-3एम प्रक्षेपण यान से 19 अप्रैल 1975 को कपूस्टिन यार से लांच किया गया था। इसके बाद स्वदेश में बने प्रयोगात्मक रोहिणी उपग्रहों की श्रृंखला को भारत ने स्वदेशी प्रक्षेपण यान उपग्रह प्रक्षेपण यान से लांच किया। वर्तमान में, इसरो पृथ्वी अवलोकन उपग्रह की एक बड़ी संख्या चल रहा है।

इन्सैट शृंखला

इन्सैट (भारतीय राष्ट्रीय उपग्रह प्रणाली) इसरो द्वारा लांच एक बहुउद्देशीय भूस्थिर उपग्रहों की श्रृंखला है। जो भारत के दूरसंचार, प्रसारण, मौसम विज्ञान और खोज और बचाव की जरूरत को पूरा करने के लिए है। इसे 1983 में शुरू किया गया था। इन्सैट एशिया-प्रशांत क्षेत्र में सबसे बड़ी घरेलू संचार प्रणाली है। यह अंतरिक्ष विभाग, दूरसंचार विभाग, भारत मौसम विज्ञान विभाग, ऑल इंडिया रेडियो और दूरदर्शन का एक संयुक्त उद्यम है। संपूर्ण समन्वय और इनसैट प्रणाली का प्रबंधन, इनसैट समन्वय समिति के सचिव स्तर के अधिकारी पर टिकी हुई है।

भारतीय सुदूर संवेदन उपग्रह शृंखला

भारतीय सुदूर संवेदन उपग्रह (आईआरएस) पृथ्वी अवलोकन उपग्रह की एक श्रृंखला है। इसे इसरो द्वारा बनाया, लांच और रखरखाव किया जाता है। आईआरएस श्रृंखला देश के लिए रिमोट सैंसिंग सेवाएं उपलब्ध कराता है। भारतीय सुदूर संवेदन उपग्रह प्रणाली आज दुनिया में चल रही नागरिक उपयोग के लिए दूरसंवेदी उपग्रहों का सबसे बड़ा समूह है। सभी उपग्रहों को ध्रुवीय सूर्य समकालिक कक्षा में रखा जाता है। प्रारंभिक संस्करणों 1(ए, बी, सी, डी) नामकरण से बना रहे थे। लेकिन बाद के संस्करण अपने क्षेत्र के आधार पर ओशनसैट, कार्टोसैट, रिसोर्ससैट नाम से नामित किये गए।

राडार इमेजिंग सैटेलाइट

इसरो वर्तमान में दो राडार इमेजिंग सैटेलाइट संचालित कर रहा है। रीसैट-1 को 26 अप्रैल 2012 को ध्रुवीय उपग्रह प्रक्षेपण यान(PSLV) से सतीश धवन अंतरिक्ष केंद्र,श्रीहरिकोटा से लांच किया गया था। रीसैट-1 एक सी-बैंड सिंथेटिक एपर्चर रडार (एसएआर) पेलोड ले के गया। जिसकी सहायता से दिन और रात दोनों में किसी भी तरह के ऑब्जेक्ट पर राडार किरणों से उसकी आकृति और प्रवत्ति का पता लगाया जा सकता था। तथा भारत ने रीसैट-2 जो 2009 में लांच हुआ था। इसराइल से 11 करोड़ अमेरिकी डॉलर में खरीद लिया था।

अन्य उपग्रह

इसरो ने भूस्थिर प्रायोगिक उपग्रह की श्रृंखला जिसे जीसैट श्रृंखला के रूप में जाना जाता को भी लांच किया। इसरो का पहला मौसम समर्पित उपग्रह कल्पना-1 को 12 सितंबर 2002 को ध्रुवीय उपग्रह प्रक्षेपण यान द्वारा लांच किया गया था। इस उपग्रह को मेटसैट-1 के रूप में भी जाना जाता था। लेकिन फरवरी 2003 में भारतीय प्रधानमंत्री अटल बिहारी वाजपेयी ने स्पेस शटल कोलंबिया में मारी गयी भारतीय मूल की नासा अंतरिक्ष यात्री कल्पना चावला की याद में इस उपग्रह का नाम कल्पना-1 रखा। इसरो ने 25 फरवरी, 2013 12:31 यूटीसी पर सफलतापूर्वक भारत-फ्रांसीसी उपग्रह सरल लांच किया। सरल एक सहकारी प्रौद्योगिकी मिशन है। यह समुद्र की सतह और समुद्र के स्तर की निगरानी के लिए इस्तेमाल की जाती है। जून 2014 में, इसरो ने पीएसएलवी-सी23 प्रक्षेपण यान के माध्यम से फ्रेंच पृथ्वी अवलोकन उपग्रह स्पॉट-7 (714 किलो) के साथ सिंगापुर का पहला नैनो उपग्रह

VELOX-I, कनाडा का उपग्रह CAN-X5, जर्मनी का उपग्रह AISAT लांच किये। यह इसरो का चौथा वाणिज्यिक प्रक्षेपण था।

गगन उपग्रह नेविगेशन प्रणाली

गगन अर्थात् जीपीएस ऐडेड जियो ऑगमेंटिड नैविगेशन को एयरपोर्ट अथॉरिटी फ इंडिया और इसरो ने 750 करोड़ रुपये की लागत से मिलकर तैयार किया है। गगन के नाम से जाना जाने वाला यह भारत का उपग्रह आधारित हवाई यातायात संचालन तंत्र है। अमेरिका, रूस और यूरोप के बाद 10 अगस्त 2010 को इस सुविधा को प्राप्त करने वाला भारत विश्व का चौथा देश बन गया। पहला गगन नेविगेशन पेलोड अप्रैल 2010 में जीसैट-4 के साथ भेजा गया था। हालाँकि जीसैट-4 कक्षा में स्थापित नहीं किया जा सका। क्योंकि भूस्थिर उपग्रह प्रक्षेपण यान डी3 मिशन पूरा नहीं हो सका। दो और गगन पेलोड बाद में जीसैट-8 और जीसैट-10 भेजे गए।

आईआरएनएसएस उपग्रह नेविगेशन प्रणाली

आईआरएनएसएस भारत द्वारा विकसित एक स्वतंत्र क्षेत्रीय नौवहन उपग्रह प्रणाली है। प्रधानमंत्री नरेंद्र मोदी ने इसका नाम भारत के मछुवारों को समर्पित करते हुए नाविक रखा है। इसका उद्देश्य देश तथा देश की सीमा से 1500 किलोमीटर की दूरी तक के हिस्से में इसके उपयोगकर्ता को सटीक स्थिति की सूचना देना है। आईआरएनएसएस दो प्रकार की सेवाओं प्रदान करेगा। (1)मानक पोजिशनिंग सेवा और (2)प्रतिबंधित या सीमित सेवा। प्रतिबंधित या सीमित सेवा मुख्यत: भारतीय सेना, भारतीय सरकार के उच्चाधिकारियों व अतिविशिष्ट लोगों व सुरक्षा संस्थानों के लिये होगी।

आईआरएनएसएस के संचालन व रख रखाव के लिये भारत में लगभग 16 केन्द्र बनाये गये हैं।

सतीश धवन अंतरिक्ष केंद्र से

आईआरएनएसएस-1ए उपग्रह ने 1 जुलाई 2013 रात 11:41 बजे उड़ान भरी। प्रक्षेपण के करीब 20 मिनट बाद रॉकेट ने आईआरएनएसएस-1ए को उसकी कक्षा में स्थापित कर दिया। वर्तमान में सभी 7 उपग्रह को उनकी कक्षा में स्थापित किया जा चुका है। और 4 उपग्रह बैकअप के तौर पर भेजे जाने की योजना है।

दक्षिण एशिया उपग्रह

5 मई 2017 को दक्षिण एशिया उपग्रह को श्रीहरिकोटा उपग्रह प्रक्षेपण केंद्र से प्रक्षेपित कर दिया गया। यह उपग्रह पाकिस्तान को छोड़कर अन्य सभी सार्क (SAARC) देशों के लिए एक उपहार के समान था। इस उपग्रह के द्वारा पडोसी देशों के हॉटलाइन से जल्दी संपर्क बनाने, टी.वी प्रसारण,भारतीय सीमा पर हलचल को रोकना आदि कार्य किये जा सकता हैं।

अंतरिक्ष में भारत का 104 उपग्रहों का प्रक्षेपण

रिकॉर्ड अंतरिक्ष में भारत की सबसे बड़ी कामयाबी, ISRO ने एक साथ रिकॉर्ड 104 सैटेलाइट का प्रक्षेपण कर रचा इतिहास।[9] भारतीय अंतरिक्ष अनुसंधान संगठन (इसरो) के प्रक्षेपण यान पीएसएलवी ने 15/02/2017 श्रीहरिकोटा स्थित अंतरिक्ष केन्द्र से एक एकल मिशन में रिकार्ड 104 उपग्रहों का सफलतापूर्वक प्रक्षेपण किया। यहां से करीब 125 किलोमीटर दूर श्रीहरिकोटा से एक ही प्रक्षेपास्त्र के जरिये रिकॉर्ड 104 उपग्रहों का प्रक्षेपण सफलतापूर्वक किया गया। जानकारी के अनुसार, इन 104 उपग्रहों में भारत के तीन और विदेशों के 101 सैटेलाइट शामिल हैं। भारत ने एक रॉकेट से 104 उपग्रहों को अंतरिक्ष में भेजकर इस तरह का इतिहास रचने वाला पहला देश बन गया है।

प्रक्षेपण के कुछ देर बाद पीएसएलवी-सी37 ने भारत के काटरेसैट-2 श्रृंखला के पृथ्वी पर्यवेक्षण उपग्रह और दो अन्य उपग्रहों तथा 103 नैनो उपग्रहों को सफलतापूर्वक कक्षा में स्थापित कर दिया। वहीं, प्रधानमंत्री नरेंद्र मोदी ने इस सफल अभियान को लेकर इसरो को बधाई दी है। इसरो के अनुसार, पीएसएलवी-सी37-काटरेसेट 2 श्रृंखला के सेटेलाइट मिशन के प्रक्षेपण के लिए उलटी गिनती बुधवार सुबह 5.28 बजे शुरू हुई। मिशन रेडीनेस रिव्यू कमेटी एंड लांच ऑथोराइजेशन बोर्ड ने प्रक्षेपण की मंजूरी दी थी। अंतरिक्ष एजेंसी का विश्वस्त 'ध्रुवीय उपग्रह प्रक्षेपण यान' (पीएसएलवी-सी 37) अपने 39वें मिशन पर अंतरराष्ट्रीय उपभोक्ताओं से जुड़े रिकॉर्ड 104 उपग्रहों को प्रक्षेपित किया। प्रक्षेपण के बारे में महत्वपूर्ण बात यह है कि इतनी बड़ी संख्या में रॉकेट से उपग्रहों का प्रक्षेपण किया गया। भारत ने इससे पहले जून 2015 में एक बार में 57 उपग्रहों को प्रक्षेपण किया था। यह उसका दूसरा सफल प्रयास है। इसरो के वैज्ञानिकों ने एक्सएल वैरियंट का इस्तेमाल किया है जो सबसे शक्तिशाली रॉकेट है और इसका इस्तेमाल महत्वाकांक्षी चंद्रयान में और मंगल मिशन में किया जा चुका है।दोनों भारतीय नैनो-सेटेलाइट आईएनएस-1ए और आईएनएस-1बी को पीएसएलवी पर बड़े उपग्रहों का साथ देने के लिए विकसित किया गया था। अंतरराष्ट्रीय ग्राहकों की नैनो-सेटेलाइटों का प्रक्षेपण इसरो की व्यावसायिक शाखा एंट्रिक्स कॉपरेरेशन लिमिटेड की व्यवस्था के तहत किया जा रहा है।

मानव अंतरिक्ष उड़ान कार्यक्रम

भारतीय अंतरिक्ष अनुसंधान संगठन अपने मानव अंतरिक्ष कार्यक्रम के लिए 124 अरब के बजट का प्रस्ताव किया। अंतरिक्ष आयोग के अनुसार जो बजट की सिफारिश की है। उसकी अंतिम मंजूरी के 7 साल के बाद ही एक मानव रहित उड़ान लांच की जाएगी। अगर घोषित समय-सीमा में बजट जारी किया गया। तो भारत सोवियत संघ, संयुक्त राज्य अमेरिका और चीन के बाद चौथा देश बन जाएगा। जो स्वदेश में ही सफलतापूर्वक मानव मिशन कर चुके है। भारत सरकार ने अक्टूबर 2016 तक मिशन को मंजूरी नहीं दी है।

इसरो ने मानव अंतरिक्ष उड़ान कार्यक्रम के लिए क्रांतिक प्रौद्योगिकियों पर विकास क्रियाकलाप शुरू किए हैं। मार्च 2012 के आँकड़ों के अनुसार इस दिशा में आवंटित निधि 145 करोड़ हैं। विभिन्न तकनीकी क्रियाकलापों लिए आवंटित निधि मुख्यि शीर्षों के तहत है- क्रू माड्यूल प्रणाली (61 करोड़), मानव अनुकूल और प्रमोचक राकेट (27 करोड़), राष्ट्री य एवं अंतर्राष्ट्रीकय संस्थाननों के साथ अध्यकयन (36 करोड़) और वायु गतिकी विशिष्टीकरण एवं मिशन अध्यूयन जैसे अन्यक क्रियाकलाप के लिये (21 करोड़)।

प्रौद्योगिकी प्रदर्शन

स्पेस कैप्सूल रिकवरी एक्सपेरीमेंट (एसआरई या सामान्यतः एसआरई-1) एक प्रयोगात्मक भारतीय अंतरिक्ष यान हैं।जो पीएसएलवी सी7 रॉकेट का उपयोग कर तीन अन्य उपग्रहों के साथ लांच किया गया था। यह पृथ्वी के वायुमंडल में फिर से प्रवेश करने से पहले 12 दिनों के लिए कक्षा में रहा और 22 जनवरी को 4:16 जी.एम.टी. पर बंगाल की खाड़ी में नीचे उतरा। स्पेस कैप्सूल रिकवरी एक्सपेरीमेंट-1 का मुख्य उद्देश्य पृथ्वी की परिक्रमा कर रहे उपग्रह को पृथ्वी पर बापस उतरने की क्षमता का प्रदर्शन करना था। इसका यह भी उद्देश्य था। कि थर्मल सुरक्षा, नेविगेशन, मार्गदर्शन, नियंत्रण, गिरावट और तैरने की क्रिया प्रणाली, हाइपरसोनिक एयरो-ऊष्मा का अच्छी तरह से अध्ययन, संचार ब्लैकआउट का प्रबंधन और बापसी के संचालन का परीक्षण करना था। इसरो निकट भविष्य में एसआरई-2 और एसआरई-3 लांच करने की योजना बना रहा है। जो भविष्य के मानव मिशन के लिए उन्नत पुनः प्रवेश प्रौद्योगिकी के परीक्षण करेंगे।

अंतरिक्ष यात्री प्रशिक्षण और अन्य सुविधाएं

इसरो मानवयुक्त वाहन पर उड़ान के लिए दल को तैयार करने के लिए बंगलौर में एक अंतरिक्ष यात्री प्रशिक्षण केंद्र की स्थापना करेगी। केंद्र में चयनित अंतरिक्ष यात्रियों को शून्य गुरुत्वाकर्षण में अस्तित्व, बचाव और वापिस के संचालन में प्रशिक्षित करने के लिए सिमुलेशन सुविधाओं का उपयोग किया जायेगा।.

जिस व्यक्ति ने कभी गलती नहीं कि उसने कभी कुछ नया करने की कोशिश नहीं की ।

बच्चों का माता-पिता के प्रति कर्तव्य

शज़िया बैग
4th Sem B, CSE

मनुष्य का जीवन अनेक उतार-चढ़ावों से होकर गुजरता है । उसकी नवजात शिशु अवस्था से लेकर विद्यार्थी जीवन, फिर गृहस्थ जीवन तत्पश्चात् मृत्यु तक वह अनेक प्रकार के अनुभवों से गुजरता है ।

अपने जीवन में वह अनेक प्रकार के कार्यों व उत्तरदायित्वों का निर्वाह करता है । परंतु अपने माता-पिता के प्रति कर्तव्य व उत्तरदायित्वों को वह जीवन पर्यत नहीं चुका सकता है । माता-पिता से संतान को जो कुछ भी प्राप्त होता है वह अमूल्य है । माँ की ममता व स्नेह तथा पिता का अनुशासन किसी भी मनुष्य के व्यक्तित्व निर्माण में सबसे प्रमुख भूमिका रखते हैं ।

किसी भी मनुष्य को उसके जन्म से लेकर उसे अपने पैरों तक खड़ा करने में माता-पिता को किन-किन कठिनाइयों से होकर गुजरना पड़ता है इसका वास्तविक अनुमान संभवत: स्वयं माता या पिता बनने के उपरांत ही लगाया जा सकता है । हिंदू शास्त्रों व वेदों के अनुसार मनुष्य को 84 लाख योनियो के पश्चात् मानव शरीर प्राप्त होता है । इस दृष्टि से माता-पिता सदैव पूजनीय होते हैं जिनके कारण हमें यह दुर्लभ मानव शरीर की प्राप्ति हुई ।

आज संसार में यदि हमारा कुछ भी अस्तित्व है या हमारी इस जगत में कोई पहचान है तो उसका संपूर्ण श्रेय हमारे माता-पिता को ही जाता है । यही कारण है कि भारत के आदर्श पुरुषों में से एक राम ने माता-पिता के एक इशारे पर युवराज पद का मोह त्याग दिया और वन चले गए ।

कितने कष्टों को सहकर माता पुत्र को जन्म देती है, उसके पश्चात् अपने स्नेह रूपी अमृत से सींचकर उसे बड़ा करती है । माता-पिता के स्नेह व दुलार से बालक उन संवेदनाओं को आत्मसात् करता है जिससे उसे मानसिक बल प्राप्त होताहै।

हमारी अनेक गलतियों व अपराधों को वे कष्ट सहते हुए भी क्षमा करते हैं और सदैव हमारे हितों को ध्यान में रखते हुए सद्मार्ग पर चलने हेतु प्रेरित करते हैं । पिता का अनुशासन हमें कुसंगति के मार्ग पर चलने से रोकता है एवं सदैव विकास व प्रगति के पथ पर चलने की प्रेरणा देता है ।

यदि कोई डॉक्टर, इंजीनियर व उच्च पदों पर आसीन होता है तो उसके पीछे उसके माता-पिता का त्याग, बलिदान व उनकी प्रेरणा की शक्ति निहित होती है । यदि प्रांरभ से ही माता-पिता से उसे सही सीख व प्ररेणा नहीं मिली होती तो संभवत: समाज में उसे वह प्रतिष्ठा व सम्मान प्राप्त नहीं होता

अत: हम जीवन पथ पर चाहे किसी भी ऊँचाई पर पहुँचें हमें कभी भी अपने माता-पिता के सहयोग, उनके त्याग और बलिदान को नहीं भूलना चाहिए । हमारी खुशियों व उन्नति के पीछे हमारे माता-पिता की अनगिनत खुशियों का परित्याग निहित होता है । अत: हमारा यह परम दायित्व बनता है कि हम उन्हें पूर्ण सम्मान प्रदान करें और जहाँ तक संभव हो सके खुशियाँ प्रदान करने की चेष्टा करें ।

माता-पिता की सदैव यही हार्दिक इच्छा होती है कि पुत्र बड़ा होकर उनके नाम को गौरवान्वित करे । अत: हम सबका उनके प्रति यह दायित्व बनता है कि हम अपनी लगन, मेहनत और परिश्रम के द्वारा उच्चकोटि का कार्य करें जिससे हमारे माता-पिता का नाम गौरवान्वित हो । हम सदैव यह ध्यान रखें कि हमसे ऐसा कोई भी गलत कार्य न हो जिससे उन्हें लोगों के सम्मुख शर्मिंदा होना पड़े ।

आज की भौतिकवादी पीढ़ी में विवाहोपरांत युवक अपने निजी स्वार्थों में इतना लिप्त हो जाते हैं कि वे अपने बूढ़े माता-पिता की सेवा तो दूर अपितु उनकी उपेक्षा करना प्रारंभ कर देते हैं । यह निस्संदेह एक निंदनीय कृत्य है । उनके कर्मों व संस्कार का प्रभाव भावी पीढ़ी पर पड़ता है । यही कारण है कि समाज में नैतिक मूल्यों का ह्रास हो रहा है । टूटते घर-परिवार व समाज सब इसी अलगाववादी दृष्टिकोण के दुष्परिणाम हैं ।

अत: जीपन पर्यंत मनुष्य को अपने माता-पिता के प्रति कर्तव्यों व उत्तरदायित्वों का निर्वाह करना चाहिए । माता-पिता की सेवा सच्ची सेवा है । उनकी सेवा से बढ़कर दूसरा कोई पुण्य कार्य नहीं है । हमारे वैदिक ग्रंथों में इन्हीं कारणों से माता को देवी के समकक्ष माना गया है ।

माता-पिता की सेवा द्वारा प्राप्त उनके आशीर्वाद से मनुष्य जो आत्म संतुष्टि प्राप्त करता है वह समस्त भौतिक सुखों से भी श्रेष्ठ है । "मातृदेवो भव, पितृदेवो भव" वाली वैदिक अवधारणा को एक बार फिर से प्रतिष्ठित करने की आवश्यकता है ताकि हमारे देश का गौरव अक्षुण्ण बना रहे ।

उड़ने में बुराई नहीं है, आप भी उड़े, लेकिन उतना ही जहान से ज़मीन साफ़ दिखाई देती है।

नारी शिक्षा

कहा गया है जहाँ स्त्रियों की पूजा होती है वहां देवता निवास करते हैं । प्राचीन काल से ही नारी को 'गृह देवी' या 'गृह लक्ष्मी' कहा जाता है ।

प्राचीन समय में नारी शिक्षा पर विशेष बल दिया जाता था । परन्तु मध्यकाल में स्त्रियों की स्थिति दयनीय हो गयी । उसका जीवन घर की चारदीवारी तक सीमित हो गया । नारी को परदे में रहने के लिए विवश किया गया । स्त्री-पुरुष जीवन-रूपी रथ के दो पहिये हैं, इसलिए पुरुष के साथ साथ स्त्री का भी शिक्षित होना ज़रूरी है ।

यदि माता सुशिक्षित होगी तो उसकी संतान भी सुशील और शिक्षित होगी । शिक्षित गृहणी पति के कार्यों में हाथ बंटा सकती है, परिवार को सुचारु रूप से चला सकती है । स्त्री-शिक्षा प्रसार होने से नारी आर्थिक दृष्टि से आत्मनिर्भर बनेगी। अपने अधिकारों और कर्त्तव्यों के प्रति सचेत होगी। आदर्श गृहणी परिवार का आभूषण और समाज का गौरव होती है ।

स्त्री के लिए किताबी शिक्षा के साथ साथ नैतिक शिक्षा भी बहुत जरुरी है । स्त्री गृह कार्य में कुशल होने के साथ साथ वह समाजसेवा में भी योगदान दे सके । नारी का योगदान समाज में सबसे ज्यादा होता है । बच्चों के लालन-पालन, शिक्षा से लेकर नौकरी तक नारी हर क्षेत्र में पुरुषों से आगे है । अतः नारी को कभी कम नहीं आंकना चाहिए और उसका सदा सम्मान करना चाहिए |

प्रीति बर्मन
4th Sem B, CSE

अपने डर से दूरी आपको खत्म कर देगी और नज़दीकियां उस डर को ही खत्म कर देगी, फैसला आप का है कि आप किसे चुनते है |

छोटी छोटी प्यार भरी बातें

मुहम्मद अर्शद
6th Sem, ME

हाँ मेरा प्यार जताने का तरीक़ा अलग है ,
मेरे हर खयाल में वही
मेरे हर बातों में उन्ही का ज़िक्र
मै पागल सी हूं उनके लिए |

लोग पूछते है क्या वो प्यार नहीं करते ?
मैं बस मुस्कुराके कहती हूं
उनके आँखों में दीखता है प्यार का बहार ।

तो क्या हुआ अगर वो मेरे बारे मे हर वक़्त बात नही करते ,
मेरे दिल को पता है उनके हर सपने में उनकी नाज़ है |
तो क्या हुआ अगर वो पागल की तरह फ़ोन हात में लिए मेरे मैसेज के आने का इंतज़ार नही करते ,
मेरे दिल को पता है उनका दिन कैसे जाता है जब वो अपनी नाज़ से बात नही कर पाते
तो क्या हुआ हम छोटी छोटी बातों पे झगड़ते हैं
हम दोनों के दिल को पता है हमारी सांसें रुक जाएंगी एक दुसरे के बिना |

मेरी जान है वो और मै उनकी शान
मै उनके आँखों मे डूब कर दिल तक पहुँच पायी
हाँ वो बहुत कम बात करते है
पर जब भी करते है उनके बातो का नशा मुझपे चढ़ जाता है
उनकी स्माइल तो मेरा एडिक्शन है |
वो हमेशा मुझे कहते है उनका प्यार मेरे प्यार से ज़्यादा है
हाँ मै मानती हूं, क्यूंकि
वो प्यार भरी आँखों से मुझे देखते है
वो प्यार से मुस्काते है
शायद ही मै उनको समझ पाऊ!

मेरे इस पागलपन को
मेरे इस बात बात पे नाराज़ होने को ,
सिर्फ वो पागल ही समझ सकता है
पर हाँ मेरे प्यार जताने का तरीका अलग है |

जब तक शिक्षा का मकसद नौकरी पाना होगा तब तक समाज में नौकर ही पैदा होंगे, मालिक नहीं ।

हम् चल् दिए

शीबन इ तमन्न
4th Sem B, CSE

कानों में घंटी की आवाज़ फिर् गूँज् उठेगी ,
टीचर् की प्यार् भरी डांट् जैसे कानों को छू कर् निकलेगी |

हँसी के ठहाके , फिर् थोड़ी सी शरारत् ,
दोस्त् की प्यार् भरी मुस्कान् , फिर् थोड़ी सी नज़ाकत् |

संजोयी हैं यादें यहाँ कितनी सारी ,
जाने ज़िन्दगी कब् उड़् चली |

कॉलेज् की हर् याद् जैसे दिल् के भीतर् बस् जायगी ,
याद् आएंगे ये पल् , याद् आएगी ये दुनिया |

आँखों के समक्ष् हर् पल् की धुंधली तस्वीर् लौट् आएगी ,
कानों में जैसे हर लफ्ज़ की झंकार सुनाई पड़ जायगी |
मैडम के प्यार , आशीर्वाद के लिए लम्हे तरस जायेंगे ,
दोस्तों की एक झलक के लिए , आँखें नम हो जायंगी |

प्यार की मज़बूत डोर बंध जायगी ,
यादों की डोलियाँ जो हमारे संग जाएँगी |
जब कॉलेज के जीवन की गतिविधि पूरी होगी
चल पड़ेंगे हम अपनी नयी दुनिया बसाने ,
ख्वाबों के नए दीप जलाने |
सपनों की नयी आस जगेगी ,
यादों की वही डोली सजेगी |
थिरक जायेंगे कदम नयी धुन पर ,
ठहर जाएगी हवा नयी सरगम पर |
खिलेंगे नए फूल इस गुलशन में ,
नयी कलियों की महक आँगन में बहेगी ,
जब कॉलेज के जीवन की गतिविधि पूरी होगी !

माँ

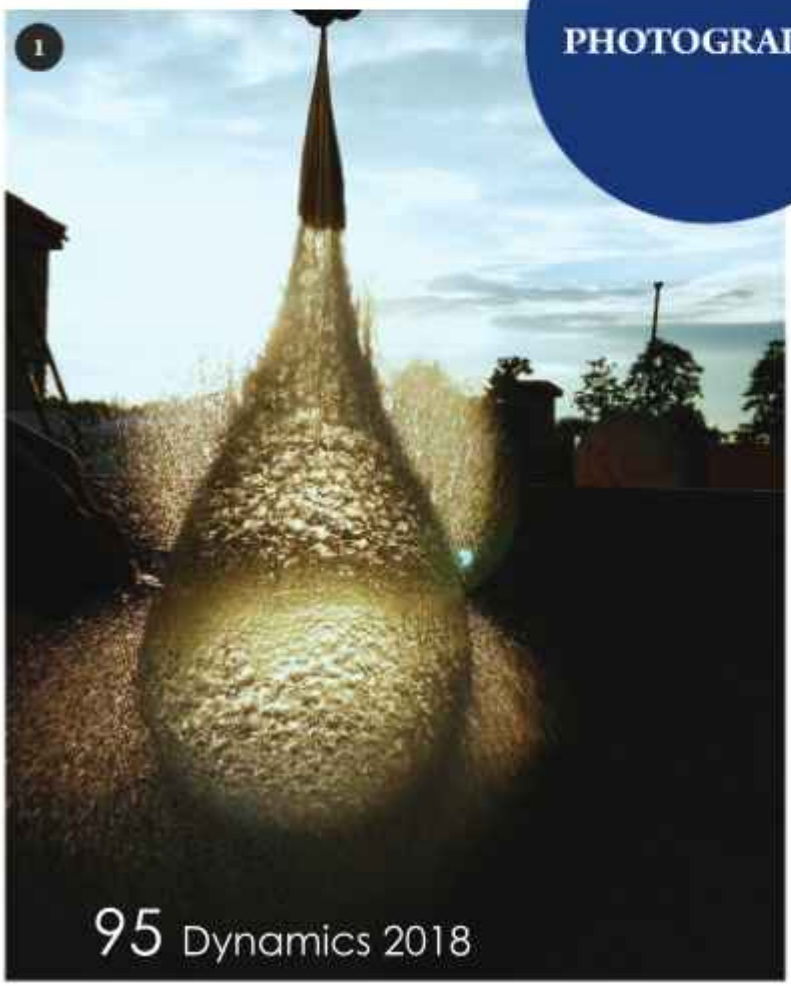
तस्मिया कौसर
6th Sem B, CSE

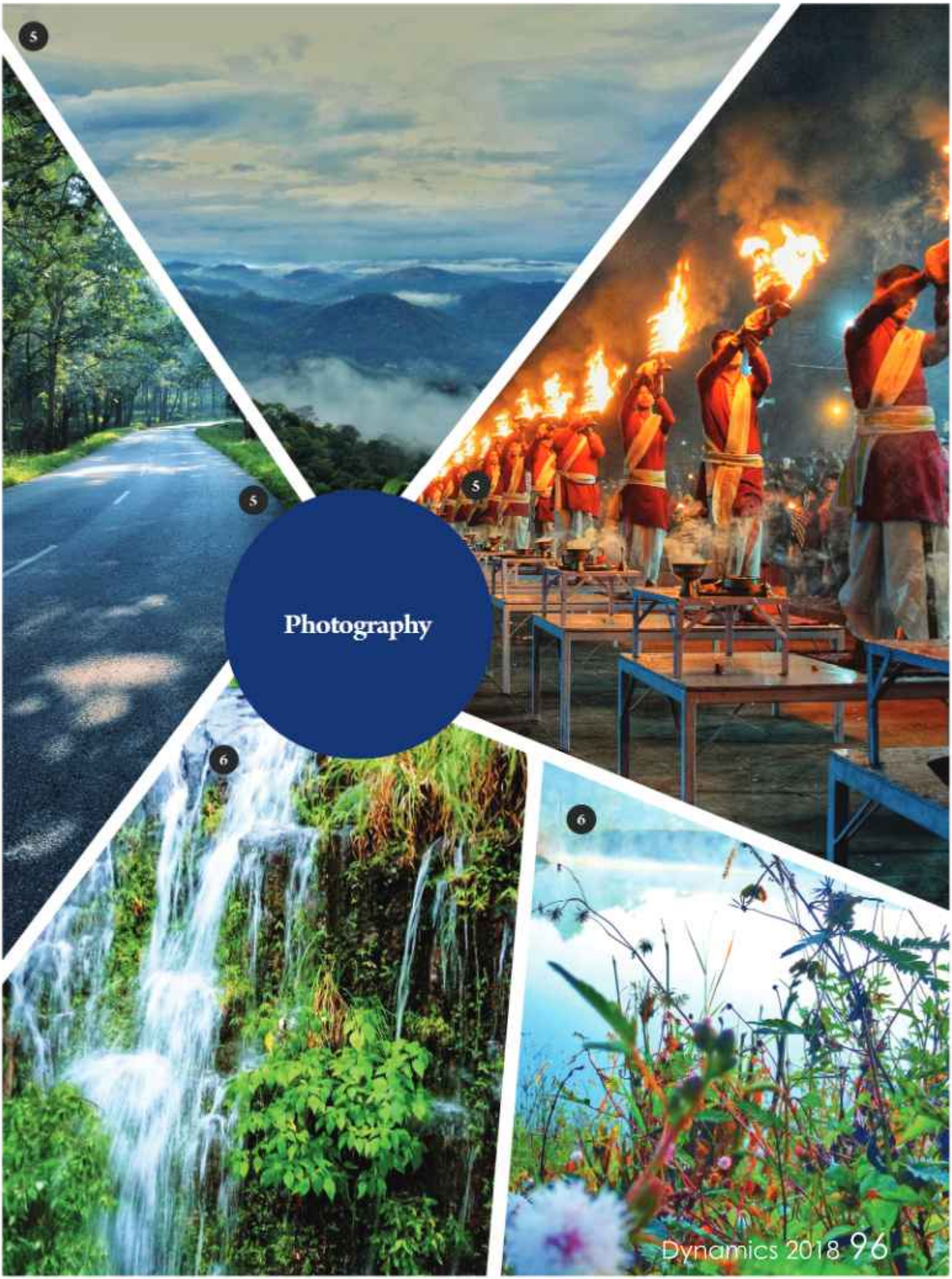
ओ,माँ देखी जब से बुनियाँ,
तेरी ममता ही पाई माँ
दरिया से बड़ी
तेरा दील है, मेरी माँ
जीवन सूना, तुझ बिन
तेरे कदमों में जन्नत माँ
रब से मिली, सबसे ब बडी
देन तू है, माँ...
वह बचपन की यादें,
तेरी कही वे प्यारी बातें |
ना बुरी बात, आने दी पास,
मेरी राहो में हर पल थी साथ

भगवान से कोई न मिला है,
इसलिए माँ तू बनी है |
मैने माना अब तक कहाँ है,
पाया है जो भी, तेरी ही दुआ से

सब बातों की, बस एक ही बात
हर जनम में रहूँ तेरे साथ |

PHOTOGRAPHY

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Photography

Photography

Photography

Photography

1

Adhiraj Sharma
VIII ME

2

Anirudha bs
IV EC

3

Harshavardhan B R
VIII CIV

4

Madhan M N
IV EC

5

Nirmith
VIII CIV

6

Prajay
VIII CIV

7

Raghavendra
IV ME

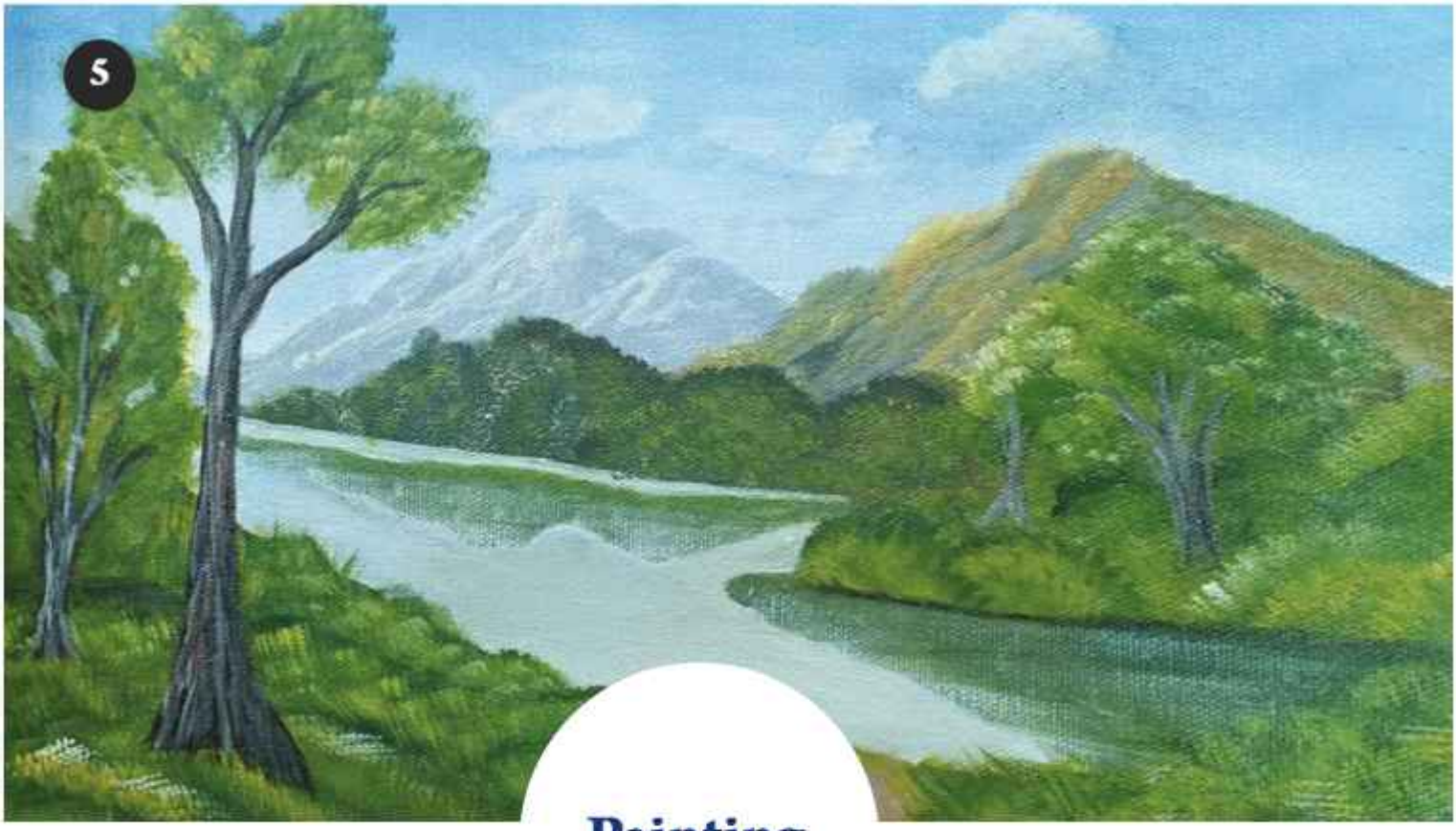
8

Sonail
IV CS

9

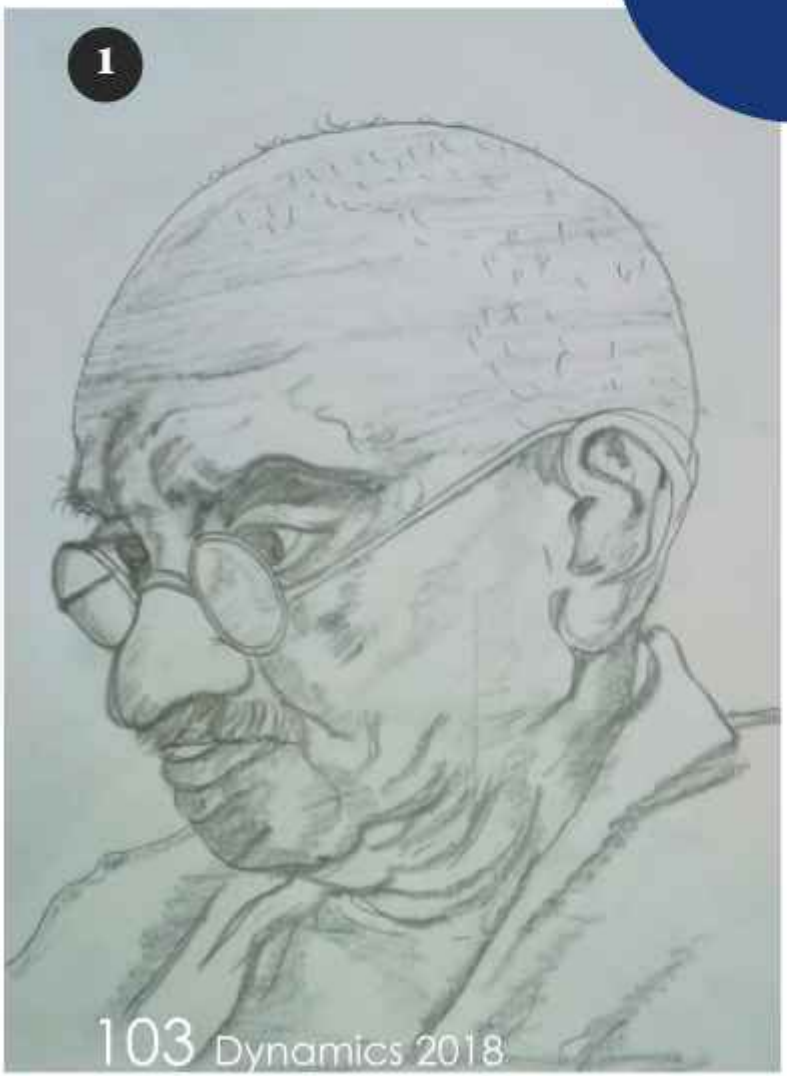
Shrikanth
Asst Prof Mathematics Dep

Painting



Painting

Sketches



Sketches

Sketches


1


4


3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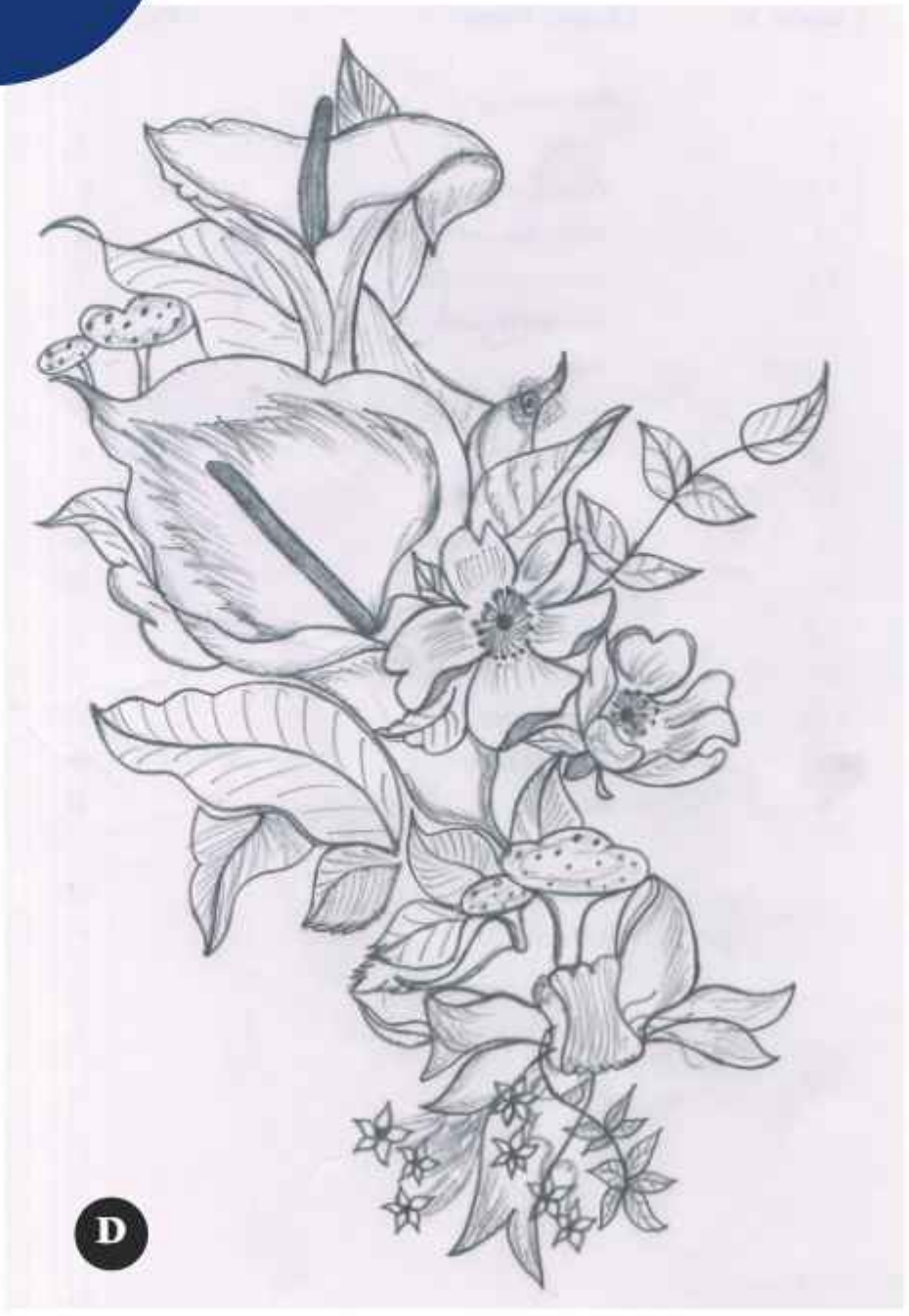

D

1 

Mohammed Faraz
IV, ME

2 

Akshay B
VIII, EC

3 

Sanjeevini
VI, CV

4 

Srikanth
Asst Prof, Mathematics Dept

5 

Anupama Shetter
Asst Prof, ECE Dept

6 

Swarna Gowri S
IV, EC

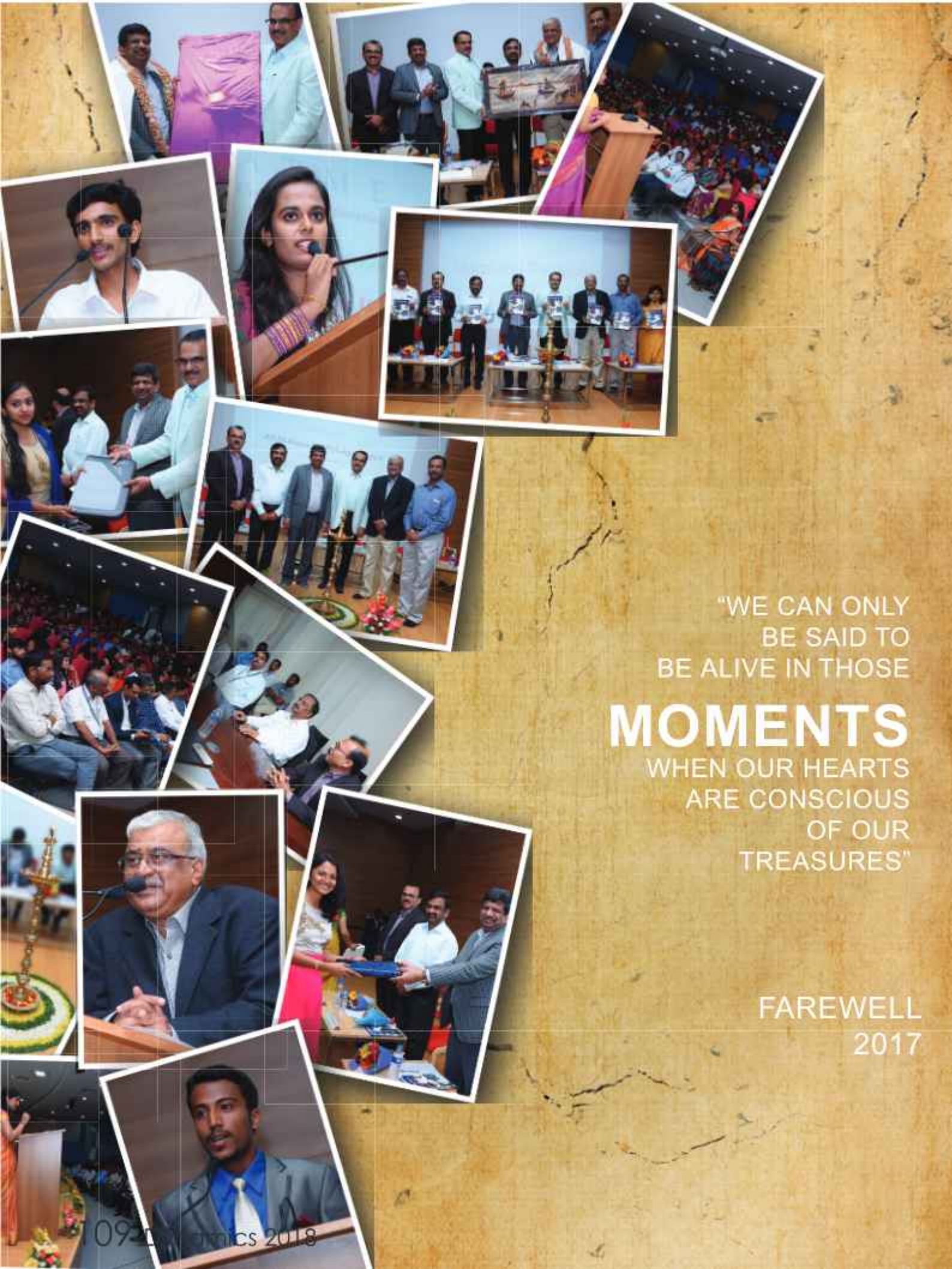
7 

Syed Ikhtiar Kashif
VIII, ME

8 

Rithuparna
VI EC


LEAD
THE



"WE CAN ONLY
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MOMENTS

WHEN OUR HEARTS
ARE CONSCIOUS
OF OUR
TREASURES"

FAREWELL
2017

ALUMNI VOICE

Mr Mohammed Sufianulla Shariff
MEP Facilities Engineer
Abu Dhabi , UAE

Keys to Success unlocks every student's potential to succeed in college, career, and life by challenging them to realize, "It's not just what you know . . . it's what you know how to do." ATME has provided me such potential and confidence which every individual would expect inorder to make dreams come true. Really thankful to our respected Chairman Mr. Arun kumar L , our beloved principal Dr. Basavaraj L and our Mech dept. Teaching staff for executing us with best of training & motivations. Proud to be atmean

It was the year 2013, I had begun my journey int this prestigious institution. I had to overcome significant challenges, but the institution belived that i could make the most difference, and it was a great success. The institution gave me opportunity to master kmy skills, develop my knowledge and improve my attitude in leadership skills. Thank you for all the support.

Ms [illegible] havan
[illegible]
[illegible] Ltd

Ms Krupa M K
VLSI Layout Design Engineer
Fremus Tech Pvt Ltd

The academic experience with a world class infrastructure and excellent faculty at ATMECE has endured me with a lifelong career excellence. The exceptional programmes and teaching methodologies backed by practical skills and industry interface have given me the confidence to pursue my career ahead. The all-time support and motivation of the faculty members has enlightened me throughout the beautiful journey. Thank you ATME for making me a academically excellent, culturally vibrant, socially responsible and globally competent human resource to this world.

I am proud to introduce myself as ATME'an anywhere in the society. Because it is right mix of motivation and discipline attained by level of professionalism and capability of providing it. The management is well focused on quality education and infrastructure. The growth of the college in past years is tremendous and am happy because I was part to witness it.

Ms Lekha
Civil Engineer
Shreeman Construction Mysuru

TESTIMONIALS

Mr Sunilkumar H V
Investing Partner
Vivartan Technologies, Bengaluru

Our experience with ATMECE has always been fulfilling. Being a young college in the vicinity of Mysore, they have exceptional facilities for students to explore and learn. They have invested in advanced tools and technologies for providing required exposure for students and also to make them industry ready. The management team of ATMECE is very supportive of industry interaction with their students and faculties. They have always encouraged their students and as well faculties to participate in industry interaction either through short term or long term programs being delivered in association with core and niche technology companies in their campus.

Mr K L Prakash
Deputy General Manager Unit Head
Govt Tool Room Training Centre
Mysore

I am happy to place on record my professional association with the esteemed organization ATME. I had the proud privilege of being a part of executing the Memorandum of Understanding between GTTC and ATME. I also fondly recall the interactive lecture sessions
with the students. The college is making a great effort on the issue of employability of the students which is of a great concern in the current times. The effort put in by the staff and the management in this regard is praiseworthy.

The campus, free from the distractions of the city, is conducive for effective learning.

My best wishes to ATME.

Mr Regi Xavier O
Customer Relationship Manager
Cisco Implementation Division Chennai

ATME college of Engineering is every aspiring student's paradise of learning with its resounding infrastucture and well equipped teaching staffs that are acclaimed to be the best in their fraternity.
We are profoundly delighted to teamup with the revered management & Teaching faculty of ATME College of Engineering, in setting up the prestigous Cisco Center of Excellence by offering Cisco Certified Courses.
We thank the management for having given us the opportunity to supplement their effortshin giving quality education with an impeccable infastructure.

Mr Kiran Pathakt
RMJ Automation Solution
& Training Pvt Ltd

RMJ Automation Solution and Training Pvt. Ltd. is engaged with ATME College of Engineering from last five years.
Also we have signed MOU with ATME college to train their students for Industrial automation field at different levels in college campus. The training model is unique and ATMECE is first institute in Karnataka to adopt this for bridging gap between academic and industry. ATMECE is one of the best emerging private colleges in Karnataka. Working with ATMECE is a great experience. Here students are also enjoying learning technical industrial courses. ATMECE Electrical students and faculties have very much interest towards Industrial Automation field. ATMECE Principal and EEE Dept. HOD is very helpful and cooperative and always ready to adopt any industrial related courses which will benefit to their students.

2018

On To The Leading Edge

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