# DYNAMICS



On to the leading edge

COLLEGE 2019
MAGAZINE VOLUME 6

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**Dr Karisiddappa** Hon'ble Vice Chancellor VTU, Belagavi



No: VTU/VCS/2018-19/206

19th January, 2019

It is my pleasure to note that Academy for Technical & Management Excellence, Mysore, is publishing the 6th issue of its college magazine "DYNAMICS" on the occasion of rolling out of sixth batch of students during May 2019.

Dedication towards the work and success in it are the two faces of the same coin, in the absence of one, another cannot be attained. I wish the faculty and students of the college great success in this endeavour. I wish the college all the best and a great future ahead in the service of Technical Higher Education.

My best wishes to the editorial team of "DYNAMICS".

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**Dr Karisiddappa** Vice Chancellor VTU, Belagavi

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





No: VTU/PS/2019-20/9410

23th January, 2019

I am glad to know that ATME College of Engineering, Mysuru is bringing out a magazine "DYNAMICS" during the occasion of rolling out of Sixth batch of students. The magazine of this kind is ideal platform where students can express their views and creative flair in innovative ways.

The articles of the magazine reveals the wisdom, enthusiasm and knowledge of the students to the fullest extent and thus it also creates a sense of competitiveness among the students. I wish that the college continues its efforts in establishing a model institution to cater the ever increasing demand for quality engineers to the industry and society.

I take this opportunity to wish 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 Hon'ble Chairman ATME CE

It is a matter of great pride and pleasure to write this message for ATME's annual college magazine Dynamics. The Dynamics is a perfect platform to bring out the hidden talents of all the budding technocrats of ATME. The Contents of the magazine reflect the wonderful creativity of thoughts and imagination of our ATMEians.

Dynamics documents various events undertaken during the last year which signifies the growth of ATME in the last 8 years. I am proud that we have added one feather in our hat – the NBA accreditation.

I heartily congratulate the members of the editorial team for setting a standard through their tremendous efforts and dedication and with great confidence I can say that this endeavour of our students will continue to grow in coming days.

Mr Arun Kumar L

Chairman

Dr Basavaraj L Principal ATME CE



With proved legacy of 8 years ATME has excelled in every field. A few notable achievements in the current academic year includes many students have registered their presence in merit list and others have brought laurels in cultural activities in zonal wise. We are University champions in sports and have won the trophies also.

It is matter of pride that the college has been granted NBA accreditation of four programs by NBA, New Delhi for three Years. This could be possible with blessings and hard work done by the college staff, and students under the guidance of visionary management.

I am sure that "DYNAMICS" would be an appropriate milestone on the achievements of our students and staffs. It helps to recognize student's creative and hidden talents.

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



## EDITORIAL DESK

It is a matter of great pride and privilege for me being a part of our college magazine "DYNAMICS", which provides a platform for every student to develop their learning skills. The main thrust of the college has been to achieve human excellence to shape the personality of pupils through host of extracurricular and co-curricular activities and instilling in them the moral values.

Our budding talents have expressed their thoughts, ideas, hopes, feelings, aspirations and convictions in a creative way. Infact, this is how they broaden their mental, psychological and intellectual horizons. Thus, the College magazine reflects how the college has been able to live up to its aim, providing quality education to the students. It will enlighten you with the imporatant milestones thata ATME has achieved this year. I heartily thank our Management and Principal for for puting faith on our team for this creative work and guided us at every stage of making this college magazine. I thank all the Heads of the department for their co-operation and support. I thank Mrs. Archana M R, Executive Editor for her support and contributions in bringing out this edition of the magazine. My thanks to our staff members of the editorial board and student members for their co-operation and support and putting in thier best in bringing out this issue of our college magazine.

Cardo

Dr Putte Gowda D Chief Editor

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# ATME College of Engineering Our College...

ATME College of Engineering is founded by a group of like-minded technocrats in 2010. Founders are managing various kind of enterprises like infra companies, manufacturing units and IT service. Founders are aware of the need of the industry and trying to cater to such needs by developing industry-ready engineers through ATME College of Engineering.

Spread over 25 Acres of green expanse on Bannur-Mysore Road, Mysore, ATME College of Engineering has created an ecosystem of teaching making it a universally accepted place for education and ATME prides itself in putting the "Student First".

ATME has created a futuristic infrastructure with 3 lakh sq ft of built-up area, state of the arts labs, a cluster of seminar halls and auditorium with all modern gadgets, Library, Central Computing facility, etc. All this has been done within a span of 8 years and can proudly be said that our infra is at par with any institution with a standing of 20-25 year.

It's not only the infra, but also the kind of faculty profile ATME has engaged, Teaching Learning process adopted, student support system put in place, Co-curricular and extra-curricular activities being conducted and Placement achieved within this shortest span of time is significant.

ATME has been fostering industry-Institute interaction on a regular basis. ATMECE has entered to MOUs with many industries for Internships, Placement, Skill enhancement, Research and Development etc., Reputed companies like CISCO, Texas Instruments, Frenus Technologies have set up their labs and Training centers in the college campus.



Research is one more area where ATME is doing extremely good. ATMECE has 6 Research Centers with about 16 Ph.D qualified faculty members. About 43 Research scholars carrying out research work in the college. Lots of Publications and Consultancy projects are also being undertaken by faculty members.

ATME has created an ecosystem where education is just not limited to academics, it extends beyond the class rooms and labs to industry interaction, cultural, social and sports events for the all-round development of the students.

#### Institute Vision

 Development of academically excellent, culturally vibrant, socially responsible and globally competent human resources.

#### Institute Mission

- To keep pace with advancements in knowledge and make the students competitive and capable at the global level.
- To create an environment for the students to acquire the right physical, intellectual, emotional and moral foundations and shine as torch bearers of tomorrow's society.
- To strive to attain ever-higher benchmarks of educational excellence.



Office Staff



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. EXPOSURE What we observe is not the world itself. But the world exposed to our method of questioning. 03 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. INDUSTRY ORIENTATION DEVELOPMENT We are not just enginees. 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.

# Department of Basic Science and Humanity

"The uniform character of mathematics is the essence of science, for mathematics is the foundation of all exact scientific knowledge."

DAVID HILBERT



#### **Department of Chemistry**

he 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.

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 2014. The faculty members of the Department are well qualified and have expertise in most frontier areas of research such as Organic synthesis, catalysis, composite materials, fuel cells, solar energy, pharmaceutical chemistry, analytical chemistry and nanomaterial's. They have contributed good number of research articles in national and international Journals and Conferences.

#### Activities and Achievements

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.

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.

Dr. Avinash. K is an active member of Karnataka Rajya Vijnana Parishath, Indian Science Congress and also is Editor
of one of the reputed International journal and reviewer of many national and international journals.

#### **Department of Mathematics**

The Mathematics Department is committed to continuously improve the quality of education by enhancing the knowledge of student and staff members. The department presents a unique opportunity to study the exciting field with guidance of quality teachers. Mathematics is one which unifies all branches of science and technology and it reflects the spirit of rationality. Hence Mathematics play a very significant role in shaping the career of an engineering student.

The result of the Mathematics subject is consistently good and around 80% in the university examinations. The department supports the core departments in imparting quality education in Mathematics. Mr.Gopal B has joined the Mathematics department as an Assistant Professor from August 2018.

Ms.Kavya S attended 3 days FDP for student Induction programme by AICTE approved institutions at Sahyadri College of Engineering and Management, Adyar, Mangalore during 18th to 20th June 2018 &16th to 22nd July 2018. Introductory workshop on SageMath: Matrices, Graphs and Network is organised by Centre for Advanced Research in Applied Mathematics and Statistics, MAHE, Manipal during 20th & 21th Dec 2018.

#### Department of Physics

There is no Engineering and Technology without Science. Physics being a science renders a pivoting role in Engineering and Technology. Department of Physics was established in the year 2010 with a proficient ambiance. The working area of the department is 275 sq.m consisting of spacious Laboratory, Dark room, Research Lab, HOD's cabin, Staff room and Store room. Department of Physics offers training in Engineering Physics and Engineering Physics Lab, conforming to the VTU Curriculum, to students in the first year of engineering. The Phenomena and Concepts are described to students at most care so that they could be able to apply the same where ever in need. Engineering Physics laboratory is ergonomically designed and has modular experimental setups. Department has ingeniously designed and setup few experiments. The Department of Physics has established a research laboratory and has applied for VTU seeking recognition as a Research Center. The research center is intended to progress in research in the interdisciplinary fields of Science and Engineering. Faculty and Staff of the department are well qualified and dedicated. The average teaching experience of faculty of the department is 14 Years.

# Department of Computer Science & Engineering

"The uniform character of mathematics is the essence of science, for mathematics is the foundation of all exact scientific knowledge."

DAVID HILBERT



he Department of Computer Science & Engineering is pioneering academic centre for higher education, research and innovative in the key areas of Computer Science. It has been imparting quality education to meet the technological advancements and industrial requirements. The department of computer science & engineering started in the year 2010. The strength of students are progressively increasing year by year and this is possible due to qualified and experienced faculties with excellent academic delivery process imparted. The first initiative taken by the department to start "Computer Society of India – Student Branch", which is a professional body at National Level, in the year 2012. To this all the students of Computer Science department have got enrolled as a members. The department has obtained CSI institutional membership and maximum teaching faculties have become CSI life members and Platform is provided for the students to enhance their technical skills by participating in various events conducted under this professional body.

A MOU has made between Geekslab Technologies Pvt. Ltd., and ATME College of Engineering on 18th March 2019 for the purpose of providing the industrial exposure and enhancing the quality of engineering education being imparted to the students in Computer Science & engineering department. Department has centre of excellence in networking – CISCO, by providing CCNA certification to students in networking and all higher semester students have done internship under this programme. The Department has got Library, which believes in sharing of knowledge in the form of books, is the most Nobel way of building the young mind by proving technical and ethical knowledge for students.

#### Department Activities:

#### Technical Talks/Guest Lecture

Startups and Legal Compliances: A one day Guest Lecture on "Start-ups and Legal Compliances" was organized by the department of Computer Science & Engineering, ATMECE, Mysuru on 20-8-18 for 5<sup>th</sup> semester students. A resourse person was Mr. Manjunath S, Practicing Company Secretary.

Cyber Security and Block Chain Technology: A Technical Talk on "Cyber Security and block chain technology" was organised by Department of Computer Science and Engineering, ATME College of Engineering, Mysuru on 23<sup>rd</sup>
October 2018 for 5<sup>th</sup> and 7<sup>th</sup> sem students. The resource person was Mr. Karthik Ganapathi, Managing Director, VSG Software solutions, Mysuru.

I-Cloud Turning Point-ICT: A Technical Talk on "I-Cloud Turning Point -ICT" was organized by the Department of Computer Science and Engineering, ATME College of Engineering, Mysuru. It is a tool which is used to conduct

multiple polling system for multiple choice questions, Test was conducted for Entrepreneurial-Quiz. Multiple choice questions were given and the student selected the answers.

The turning point I-Cloud software is power point which is used to create multiple choice questions and software is connected to the dongle which looks like a pen drive is connected to the system, which receives the answers given by the students and the students will respond using the response card. The questions are controlled in the power point using the Presenter card used by the tutor. The more features provided by the software is the Complete report of the questions, attendance, Comparison, Result details and Individual Report. T



Artificial Intelligence: A technical talk on "Artificial Intelligence" was organized by Department of CSE, ATME CE, Mysuru, on 12<sup>th</sup> Nov 2018, for 3<sup>th</sup> and 5<sup>th</sup> Semester students, under the banner of CSI Alumni Association. The resource person was Ms. Shalu Tomar, Senior System Engineer, Siemens, Bangalore.

Latest Trends and Technologies: A Technical Talk on "Latest Trends and Technologies, New Age Talents" was organized by the Department of Computer Science and Engineering, ATME College of Engineering, Mysuru on 6<sup>th</sup> October 2018 for 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester students of CSE under the Computer Society of India Student Branch. The resource person was Mr. Raghavendra Udupa, Delivery Manager, Infosys, Mysuru.

#### Workshops:

#### Three days Zonal Level Workshop on "Internet of Things"

Workshop was conducted in the Department on 17th Jan 2019 to 19th Jan 2019 for 8th Semester students. The Workshop was inaugurated by Dr. Basavaraj L, Principal, ATMECE with other dignitaries. The resource person was Mr Anshul Verma from GeeksLab Technologies in association with IIT Delhi. The event was convened by Dr Manjunath SS, Head Department of CSE and coordinated by Mrs Nasreen Fathima and Mr Shrinivasa G, Assistant Professors, CS&E, ATMECE.

#### Industrial Visit:

#### Indian space Research Organization (ISRO)

A one day Industrial visit to "Indian space
Research Organization (ISRO)", Bengaluru was
organized by Department of Computer Science &
Engineering, ATME College of Engineering,
Mysuru on 10th August 2018 for 5th Semester
students. It was a half day visit by 48 students along
with 3 faculty members, Mrs. Sowmya Shree P, Mrs.
Nasreen Fathima and Mr. Shrinivasa G, Assistant
Professors, Dept. of CS&E, ATME College of
Engineering.

#### Central Food Technological Research Institute



A One day Indust rial Visit was organi zed by the Depart ment of

Computer Science and Engineering, ATME College of Engineering, Mysuru for 7th semester students to "Central Food Technological Research Institute", Mysuru on 20<sup>th</sup> August 2018. There were 30 students accompanied by two faculties, Mrs. Sowmya Shree P and Mr. Shrinivasa G, Assistant Professors, Dept. of CS&E, ATME College of Engineering, Mysuru.

#### Infosys Limite d

A One day Industri al Visit was organiz ed by the Depart



Infosys

ment of Computer Science and Engineering,
ATME College of Engineering, Mysuru for 7th semester students to "Infosys Limited", Mysuru
Campus on 15th September 2018. There were 70 students and accompanied by three faculties,
Mrs. Sowmya Shree P, Mr. Shrinivasa G and Mr.
Ranganath K, Assistant Professors, ATME
College of Engineering, Mysuru.

#### CSI events:

The first initiative taken by the department to start "Computer Society of India – Student Branch", which is a professional body at National Level, in the year 2012. To this all the students of Computer Science department have got enrolled as a members. The department has obtained CSI institutional membership and maximum teaching faculties have become CSI life members and Platform is provided for the students to enhance their technical skills by participating in various events conducted under this professional body. The Computer Science and Engineering Department under Computer Society of India Student Branch had organized a Intra Collegiate Technical Quiz on 17th November 2018 for 3th, 5th and 7th semester students of CSE. The Newsletter "Tech Bits" Volume 3, Issue 1 for the year 2018 was released on this day.



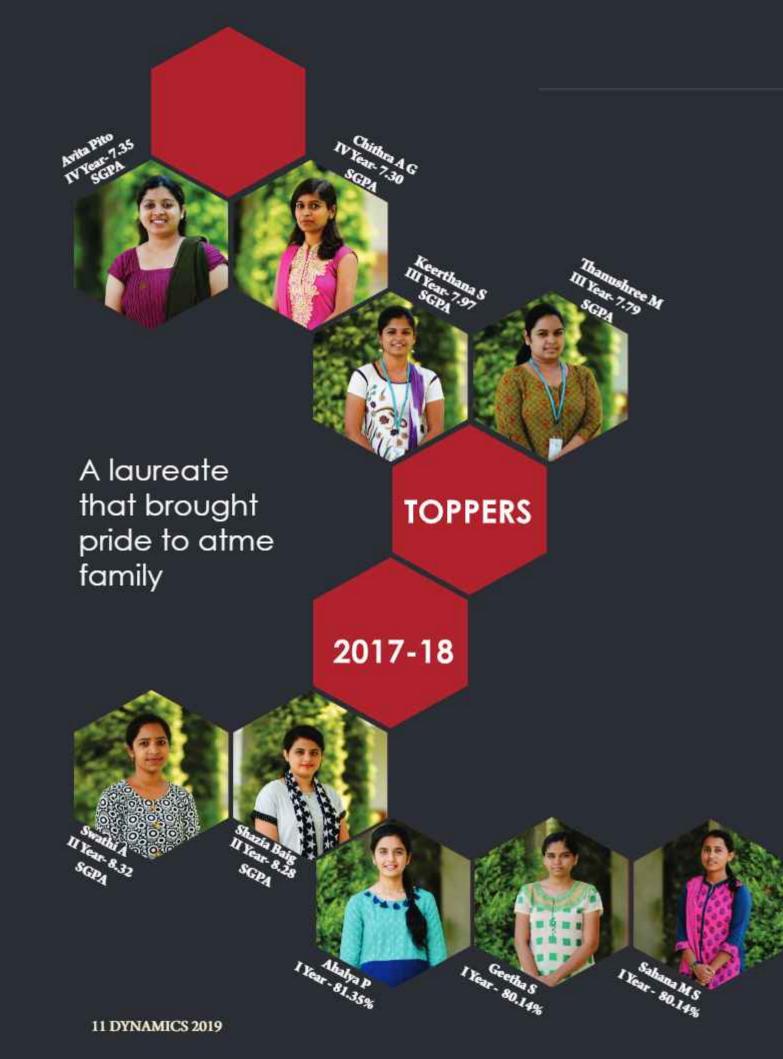
•The Computer Science and Engineering Department under Computer Society of India Division-1 and Computer Society of India Student Branch had organized a Intra Collegiate coding competition called "Code Relay" on 5th April 2019 where many of the students from pre-final year and second year show much of their interest in the event for the year 2018-19. The Event was inaugurated by Dr. Manjunath S S, Head of the Department, and Professor, Dr. Puttegowda D. The event rules and regulations were explained in detail to all the participants by the student branch counsellor. The Code Relay was organized in three rounds namely, There were about totally of 34 teams each comprising of 3 in a team. The Round 1 consisted of a problem statement with level of difficulty set to as easy. As the name itself defines as relay it continued one after the other. First person in a team was allowed to code and get the output. If at all the person was not able to code then that team was allowed to take help of another team mate where in which -5 marks were deducted. Similarly, in Round 2 and round 3. The correct solution to the given problem statement with appropriate logic was rewarded with +10 marks. The team which finishes in less time with marks criterion being an important factor was considered to be the winner. The team winning first prize were Sanjay K M, Pramod N, and Sachin S of sixth semester. The team winning second prize were Vinay Kumar Y D, Syed Abdur Rahaman, Syed Asif of fourth semester. The team winning third prize were Chandana M, Bhavana R, and Darshini R of fourth semester.







A calculator is a tool for humans to do math more quickly and accurately than they could ever do by hand; similarly, AI computers are tools for us to perform tasks too difficult or expensive for us to do on our own, such as analyzing large data sets or keeping up to date on medical research.





# Department of Civil Engineering

"A good scientist is a person with original ideas. A good engineer is a person who makes a design that works with as few original ideas as possible".

Freeman Dyson



he Department of civil engineering is accredated to NBA. The department is accredited by National Board of Accreditation for a period of 3 years from 2019-2022 and also the department is ISO 9001:2015 certified. Department was established in the year 2011 with a main focus to foster extensive quality education in the various branches to civil engineering. The department is growing tremendously over the years and has committed to produce leaders impacting the society. Department has a motto on advanced research and education in the board areas of civil engineering. It had blending expertise faculties both in reasearch and industry which enhances the quality of teaching and minimises the gap between theoretical and practical approach, department is actively involved in research and consultancy work and provides high quality techincal support. In total there are 208 students pursuing Bachelor's degree in the department and expected to raise the number very shortly. The laboratories of the department are well equipped. Our students gain the knowledge of industry through hands on work, internships, workshops and industrial visits to the work spots.

The Department takes pride to announce that it is bagging KSCST (Karnataka State Council for Science and Technology) sponsored student projects consistently for the past three academic years for the final year projects and has got 14 projects sanctioned so far for the department. To the record, department is a proud member of various organisation like Skill tech engineers and contractors, VISDA Bangalore, Indian Green Building Council(IGBC), Builders Association of India (BAI).

#### Department Activities:

#### Three days National Conference and Faculty Development Programme in Science and Technology

Conference was held on 26th and 28th of March 2019. Function was formally inaugurated by lighting lamp by the dignitaries. Prof K S Rangappa, presented his inauguration speech which stressed on need of collaboration of various branches of knowledge to meet the present need of the society. Dr. Nandhanasabapathi in his speech pointed the need for holistic development of all disciplines of science which is demanded by present scenario, today science do almost all our work with the help of science and technology.

In modern times, the clean growth of country cont be imagined without science and technology. We all know the value of science and technology in our daily lives. Different inventions of science have made

our everyday life simple and stress free as well. On other hand technology has taught us the modern way of life, and also Faculty development program was organized on Total station surveying and Drone Survey technology for the period of 3 days where faculty individuals from different institutions got an opportunity to attend and

enrich their knowledge on Total station and Drone surveying. The Resource persons for the Total station and Drone surveying were Prof. Sanath Kumar, NCET, Bengaluru and Dr. Aslam Pasha, Prof & HOD academic Dean of central university, Gulbarga respectively. Dr. Suresha K.J convener of National conference proposed vote of thanks for all those present for the inaugural function. Valdictory function was inaugurated by Dr H. Honne Gowda, director science and technology and special director KSTA and Dr. Mahadavan Registar evaluation, University of Mysuru.



A Two-day workshop on "Non-Destructive Techniques" has been
organized in the department on 20<sup>th</sup> and 21<sup>th</sup> of April 2018 for pre-final
year students. The workshop was organized in association with Industrial Radiographic Inspection Services
(IRIS), Mysuru. Mr. Madhusudhan K T, Managing Director, IRIS and

educated the students on various non-destructive techniques used for material inspection.

#### Technical Talk

"Structural Steel Connection using Tekla software" was organized for 7th semester students on 13th November 2018. The resource person, Ms Kusuma, Managing Partner TRC Engineering PVT Ltd, Mysuru, gave the complete outlook about the software. Students gained knowledge on tekla software and the usage of the software in industries for the structural steel connections and the design of steel bolts. Steel structure being more important for modern buildings and the connections to be made for a structure be a strong one using tekla software.

Mr. Gandhi, Instructor, IRIS, Mysuru conducted the workshop and



National Conference and Faculty Development Programme in Science and Technology



FDP program on Drone survey and Total Station



Pollution control and environmental laws

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"Planning and Architecture and its Application in Civil Engineering" was organised in the department on 17<sup>th</sup>
November 2018. Ms Ananya Manohar, Lecturer, School of Planning and Architecture, University of Mysuru and
also proud alumni of the department was the resource person. Students of 3rd sem were given a brief explanation on
architectural building in and around India and mysuru.

"Development of Inter-personal Skill' was organized for 4th semester students on 6th Feb 2019. Bharathi R was the resource person. Students were exposed to personality developments skills. Tips were also given to crack the interview effectively.

"Pollution control and environmental laws in India" on 22.03.2019 for the benefit and upgradation of student knowledge level in the field of Environmental engineering. D.R Kumara Swamy, Senior Environmental Officer, Karnataka State Pollution Control Board, Zonal office – Bangalore North. He explains the need for protection and conservation of environment and sustainable use of natural resources is reflected in the constitutional framework of India and also in the international commitments of India and The Constitution under Part IVA (Art 51A-Fundamental Duties) casts a duty on every citizen of India to protect and improve the natural environment including forests, lakes, rivers and wildl



#### Industrial visit

Industrial Visit was arranged for 5<sup>th</sup> semester students to Mysuru Airport and Sewage Treatment Plant at Bandipalya & Fly over at Hinkal, Mysuru on 5<sup>th</sup> October 2018. Around 76 students attended the industrial visit with great enthusiasm to learn the concepts which was prescribed in the syllabi. The industrial visit was arranged by the faculty coordinator Mr P Shashank.

#### **Extensive Survey Camp**

The Department of civil engineering conducted extensive survey camp and laid interest on teaching outside the walls and had a extensive survey for the 5th sem students, around 78 students were actively present, as a part of curriculum which was conducted at karighatta from Jan 18th to 24th 2019. The study laid importance on projects such as Highway alignment, Water supply for the public and New tank project, bund construction



#### Industrial tour

Three Days industrial tour to Mangalore was arranged for the Students of 8th sem from 22th to 24th march 2019. First day students visited to New mangalore Port, they gained knowledge on the terms of harbour materilas and shore constructions.

Second day the students visited to Pre Cast Structures, SPAS, Mangalore, resource person was Mr.Joseph Fernandis , students came to know the constructions activities using pre-cast materials and the application in modern construction and third day students visited to Pile Fundation, Mangalore, resource person was Mr.Anil Hegde, they gained knowledge on the usage of pile foundation and placing of piles on site conditions. During drilling holes they came to know about the equipments used in site condition. Students attained knowledge apart from curriculum and got exposure to the site conditions.

#### Teachers Day Celebration

Students celebrate Teachers' day every year on 5th September. Students express their gratitude and appreciation for their teachers on this day. This day is dedicated to Dr. Sarvepalli Radhakrishnan – second President of India. The great academic philosopher, and one of the most well known diplomats, scholar, president of India and above all a teacher. As a tribute to this great teacher, his birthday has been observed as teachers' day.

The form a city assumes as it evolves over time owes more to large- scale works of civil engineering - what we now call infrastructure - than almost any other factor save topography.

Martin Filler





# Department of Electronics & Communication Engineering

"We may be living in a world of disposable electronics, but working people are not disposable commodities."



he Department of Electronics & Communication Engineering was established in the year 2010, with an intake of sixty and was enhanced to one hundred and twenty in the year 2012. The department has well qualified and experienced teaching faculty and technical staff with state of the art laboratories to meet the quality education required for present challenging societal and industrial needs.

The department has EC Innovative Research Club (EC-IRC), through which the department is actively involved in research activities in the areas of Wireless Communication, Image Processing, Computer Networks, Control systems, VLSI Design and Embedded Systems.

The department regularly conducts co-curricular activities in association with industries and professional bodies. The department also organizes workshops, seminars, Industrial visits, Internship programs through the technical forum to enable the students to upgrade their knowledge. 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:

Five-Day Zonal Level Workshop On "Advanced Embedded Systems Using Ni Labview".

A Five-day workshop on LabVIEW was organized from 19th September, 2018 to 23th September, 2018, in association with NI LabVIEW Academy, SJBIT, Bengaluru, sponsored by Institute of Electronics & Telecommunications Engineers (IETE), Mysuru. One hundred and twelve students from ATME College of Engineering, Mysuru and various other Engineering Colleges like NIEIT, CIT of Mysore zone participated in this workshop. Dr. Ravikumar A V, Chief coordinator, LabVIEW Academy, SJBIT, Bangalore, conducted the workshop. The workshop mainly focused

HOD, Resource person, Principal

HOD, Resource person, Principal and Convenor on the dais during inauguration ceremony

on LABVIEW, which is a graphical programming environment used to develop sophisticated measurement, test and control systems

#### Two-Day Workshop On "Mobile Making and IoT

A Two-day workshop was organized from 2<sup>nd</sup> to 3<sup>nd</sup> November, 2018 on Mobile Making and IoT (Internet-of-things) in association with ITC – IIT-Bombay. Seventy students from ATME College of Engineering, Mysuru and various other Engineering Colleges attended. The workshop focused on Mobile PCB board making and testing it by calling functions and IoT (the Internet of Things) concepts. At the end of the Workshop session a cash prize of Rs.2000/- was awarded to the best two teams as "Best performers of the Workshop" to encourage analytical skills of the students which was bagged by Srivatsa and his team and Suhas P and his team, who are students of Dept. of ECE, ATME College of Engineering, Mysuru.

Participants involved doing experiment during the workshop

#### URJA 2k19 - Technical Fest

A two day National level Technical fest "URJA 2k19" was organized on 21" and 22" March 2019 in association with IETE, Mysuru for the students pursuing BE. In this regard many technical events such as Arduino IOT Spire, Project Expo, Prezento, Tech Rig, Tech Jumanji, SIMZONE, Robo Vertigo, Aero Drone, Quizitive, Pix

stream, Fast track and Exhi trash were organized. Various college students had taken part and each event winners was awarded with exciting cash prize up to Rs.1,00,000/-. In addition, a College Level Championship – ACE is being conducted with a trophy and a cash reward of Rs.20,000/- for the winning college. All the participants were given participation certificates. The motivation of this event was to develop various skills of students in Co-Curricular activities and to expose them to the current trends in the technical and professional fields.

#### URJA 2K19 includes various events like:

• "ARDUINO IoT SPIRE (24 hours Hackathon)" is a technical event started



Participants involved doing experiment during the workshop

- on 21 March, is about preparing working model for the given objectives within 24 hours. This event enhanced student analytical and development skills. Total 70 students (14 groups) participated in the event from various engineering colleges across the Karnataka. The winners of this event was VVCE, Mysuru they were awarded with a cash prize of Rs/-10,000.
- •"PROJECT XPO" is a technical project exhibition scheduled on 21" March, is about exhibit their project models to the jury members. Received about 40 different projects with excellent outcomes and an around 160 students were presented their work with lot of courage. Time scheduled for the event is form 21" 10AM to 12PM. This event enhanced their presentation and development skills.
- •PREZENTO" is a technical paper and posters exhibition held on 21<sup>st</sup> March, is about exhibit their papers and posters to the jury members. Received about 25 different papers and posters with excellent outcomes and an around 50 students were presented their work with lot of courage. Time scheduled for the event is form 21<sup>st</sup> 10AM to 12PM. As this event enhance their presentation skill and development skills.
- "ROBO VERTIGO AND AERO DRONE" This event was held on 21" March. It was an amazing event where all the participants were exhibited their own build robots. All the robots have to propagate thorough the predefined path made inside the ATME campus with shortest time. 80 participants have taken part in this event and they enjoyed a lot.
- •"SIM ZONE" This event was held on 22" March at 10.30am. It was a brain storming event where all the participants were given with system with all softwares. The problem is given in such a way that it can simulated by developing suitable code to the given program. This event is enhancing the knowledge of the tool they have and how it better utilized. 20participants from various institutions have been taken part in this event and they enjoyed a lot.
- •"TECH RIG" is a circuit building event in which the required components were provided by our department coordinators. The Problem was given to students is to generate different waveforms presented on the screen. Students can follow or build any type of circuit from the available components. In this event students were able to design their own circuit to achieve the task. In this event we get an overwhelming response from the participants. Our enthusiastic students took part in the event in the number of 60 students (2 students per Team) from EC/TC Engineering Departments.
- •"TECH JUMANJI" This event was held on 22" March. In Tech Jumanji certain technical puzzles were given to the students, in this event participant has to hunt for the "Master Query" based on many individual "slave queries". Similarly keep solving to get the key to open Treasure. In this event the group were hunted the clues in an around college campus. Total number of participation in this event was 280 for the first round and ATME students were opened the Treasure. This event encouraged the confidence level of the students and problem solving skills. Students of EC/TC departments took part in the event.
- •"QUIZITIVE" This event was held on 22"March. In this event 40 participants from the various colleges has participated. This event enhanced students analytical skills.
- •"PIX STREAM" This event was held on 22" March. It was started at 9.30am, participants were asked to do a video shoot of 10minutes within the department technically. Rules were properly made nobody should do outside the campus and all participants were monitored by our coordinators team. In this we received very good short movies. Among 15 videos shoot by students were scrutinized by judges and the best one is awarded as the best movie.
- "EXITRASH" This event was held on 21 March. It was started at 11.30 am, participants were asked to do a model form the waste. Whichever the model done with maximum usage of wastages will be awarded as best model of the event.

#### Industrial Visit

Industrial visit to CDAC & HAL Heritage Centre and Aerospace Museum, Bengaluru was organized on 12<sup>th</sup> February, 2019. Sixty Four final year students were accompanied by Mr. Shashidhar S Gokhale and Mrs. Prathibha M K, Associate Professors, Dept. Of ECE, ATMECE, who coordinated this visit.C-DAC centre is highly acclaimed as a centre for excellence in the thematic areas of High Performance and Grid Computing, Cyber Security and Cyber Forensic, Professional Electronics, FOSS and Software Technologies, Language and Heritage Computing and Training. HAL Heritage Centre & Aerospace Museum, Bengaluru, is a virtual wonderland for Aviation



enthusiasts and history buff, an unforgettable experience that is entertaining & enlightening at the same time.

#### Student Achievements

- •During the 41" "Karnataka State Council for Science and Technology (KSCST)" Seminar and Exhibition held at Bapuji Institute of Engineering and Technology, Davanagere, the Project "RIDER SAFETY SYSTEM USING EMBEDDED SYSTEMS" by Mr. Rahid Ahmed and Mr. Purushotham of final year students of Dept. of Electronics and Communication under the guidance of Dr. Yathisha L, Dept. of ECE won the "BEST PROJECT OF THE YEAR" award.
- •During 42<sup>ml</sup> series "Karnataka State Council for Science and Technology (KSCST)" students project programme 2018-19 the Project "Low cost Real time Quadruped Robot" by Mr. Subhash P, Mr. Uttam K, Ms. Kavya M and Ms. Meghana Urs T R of final year students of Dept. of Electronics and Communication under the guidance of Mrs. Darshini M B, Dept of ECE got funded.

"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."





# Department of Electrical & Electronics Engineering

"The toxicity of an electrical wiring error is a function of the dirty electricity and the electrical items plugged into the faulty electrical circuit."

Steven Magee



he Department of Electrical and Electronics Engineering since the inception of ATME College of Engineering was in the year 2010 with an intake of 60 students. Presently about 200 students are on rolls from second to fourth year. The Bachelor of Engineering Program is accredited by Nation Board of Accreditation for the Years 2019-2020 to 2021-2022 up to 30-06-2022. The department is recognized as a research Centre by Visvesvaraya Technological University (VTU), Belagavi to offer PhD.

The department has well qualified and experienced faculty members with specialization in Power systems, Power Electronics, Energy Systems & Management, CAID, Bio-Medical Signal Processing & Instrumentation and VLSI Design & Embedded systems. All the laboratories relevant to the program are established as per VTU and department is highly committed to bring-in the state of art research laboratories to provide quality education for present challenging societal and industrial needs.

The faculty members of the department are associated with professional bodies such as ISTE, IEI and IAENG. The department is involved in the research activities in the areas of EMI/EMC, Power systems. The department has spacious infrastructure with carpet area of 2025Sqm, providing sufficient space for lecture halls and laboratories. The department of Electrical and Electronics Engineering believes in imparting holistic education, where the student community is the focal point of the learning process.

#### Department Activities:

#### Workshop

#### Two day's workshop on "Mobile Technologies: Android Application Development"

A Two day's workshop was organized 7th Semester Students on "Mobile Technologies: Android Application Development" on 12th & 14th October 2018, The Resource Person of the workshop was Mr. Manoj Kumar H C, Co-founder Igniter InfoTech, Mysore.

# Workshop on "Mobile Technologies:

Android Application Development"

#### Two day's workshop on "Solar Energy Systems"

The Department of Electrical & Electronics Engineering had organised a Two day's workshop for 5th Semester Students on "Solar Energy Systems" on 29th & 30th October 2018. The Resource Person of the workshop was Mr. M T Kesari, Managing Director-Power Gate Energy and Consultant to SSECEP, Mysuru.

#### MOU with RMJ Automation Solutions and Training Pvt Ltd

The Department and RMJ Automation Solutions and Training Pvt Ltd, Mysuru, signed a Memorandum of Understanding (MOU) on 19th August, 2017. The 2nd and 3rd year students are offered this training in three levels by conducting at least 36 hours training program per semester.

The MOU was to support Dept, of EEE students related to automation/ PLC / SCADA / DRIVES based projects, To conduct hands on training for Dept, of EEE students on Sensors, PLC, SCADA Drives for students at the premises of ATMECE Mysuru, To conduct Faculty Development Program (FDP) on automation tools in the premises of ATMECE Mysuru and to support Dept, of EEE faculty in R & D and allied works.



MOU with RMJ Automation Solutions

#### MOU with TPC (Techno Power Corporation LLP)

ATME College of Engineering, Mysore has entered MoU with M/s. TPC Techno Power Corporation LLP, Bangalore on 21st Feb 2018. M/s. TPC Techno Power Corporation LLP (TPCLLP), is established in the year 2003 and counted amongst the prominent manufacturers and suppliers of a wide assortment of Transformers. It is in approval with KPTCL & ESCOM's in Karnataka and Central Power Research Institute (CPRI). TPC offer, Electrical transformers, Electronic transformers, Furnace transformers, Power Transformers, Rectifier Transformers, booster transformers, Dry Type Transformers and Distribution Transformers.



# Three Days Zonal Level FDP on "GNU Linux Operating System

The Department of Electrical & Electronics Engineering had organised a three Days Zonal Level Faculty Development Programme (FDP) on "GNU Linux Operating System from January 16<sup>th</sup> to 20<sup>th</sup>, January 2018. Prof. R S Ananda Murthy, Associate Professor and former Head (Retd), JSS Science and Technology University, Mysuru was the Resource person.



#### Achievements of the student

- •Ms Chaithra S, Ms Divyasri S, Mr. Kumar S and Mr Satyanarayana Y of 8th semester won 1th Prize for the Project titled "Dry Running Protection of Submersible Pump using PLC" in the State Level Open Day Project Exhibition, "Shakthi Sthaavara 2018" organized by the Department of Electrical & Electronics Engineering, GSSS Institute of Engineering & Technology for Women on 30th April 2018. The project was guided by Mr Santhosh Kumar R, Assistant Professor, Dept, of EEE.
- •Mr Ranjith Kumar G, Mr Navaneet Prahlad Yavagal, Mr Hemanth Kumar ,Ms Manjushree of 8<sup>th</sup> Semester received sponsorship from the Karnataka State Council For Science And Technology in the 41<sup>th</sup> Series Student Projects Programme: 2017 – 2018 for the project titled "Design of Motorized Wheelchair for Paraplegic" under the guidance of

#### Mr Shreeshayana R, Asst. Prof, EEE.

- •Mr Siddiq Ahmed Khan and Mr
  Narashimamurthy of 6th semester won Best Paper
  Award for the Paper titled "Experimental
  Determination of THD for different lighting loads"
  in the National conference on "INTELLIGENT
  ENERGY SYSTEMS" NCIES-2018 organized by,
  GSSS Institute of Engineering & Technology for
  Women on 7th May 2018 under the guidance of Mr
  Raghavendra L, Assoc. Prof., EEE
- •Mr C Gagan ,Mr. Syed Ismail Zabi Ulla and Mr Mohammed Khadir participated and secured consolidation prize in state level project competition Avishkar for project title "Distinct Health Monitoring System on IOT" held at VVIET, Mysuru under the guidance of Mr Vinod Kumar K Asst. Prof.,EEE.

#### Industrial Visit

The Department of Electrical & Electronics Engineering, ATME College of Engineering, Mysuru had organized an Industry visit for the students reinforce teaching and learning process.

- •Bhabha Atomic Research Centre, Mysuru on 2<sup>nd</sup> March 2018. A total of 22 students participated in the industry visit. Mr Praveen Kumar M and Mr Vinod Kumar P, Assistant Professors, Department of Electrical & Electronics Engineering coordinated the visit.
- Varahi hydro power plant & UPCL Thermal power plant, Udupi, Karnataka, on 3<sup>nl</sup> & 4<sup>th</sup> October 2018.



Bhabha Atomic Research Centre, Mysuru

- •In-house Industry visit, on 4th, 5th & 9th October 2018.
- In-house Industry visit for 5th semester students to 100kVA Grid tied solar power plant at ATMECE, Mysuru, was
  organized. The importance and advantages of solar grid was discussed.

#### Other Activities

- Sadhbhavna Diwas Celebration was held at the department on 20<sup>th</sup> August 2018, the students of the department had taken Pledge towards emotional oneness and harmony of all people of India.
- •Personality Test on Indian Engineering Services (IES) The Department of had organised a Personality Test on Indian Engineering Services (IES) for 5<sup>th</sup> & 7<sup>th</sup> semester students on 14<sup>th</sup> August 2018. Resource Person was Prof. Narasimha Murthy of Indian Civil Service Training Academy, Mysuru.

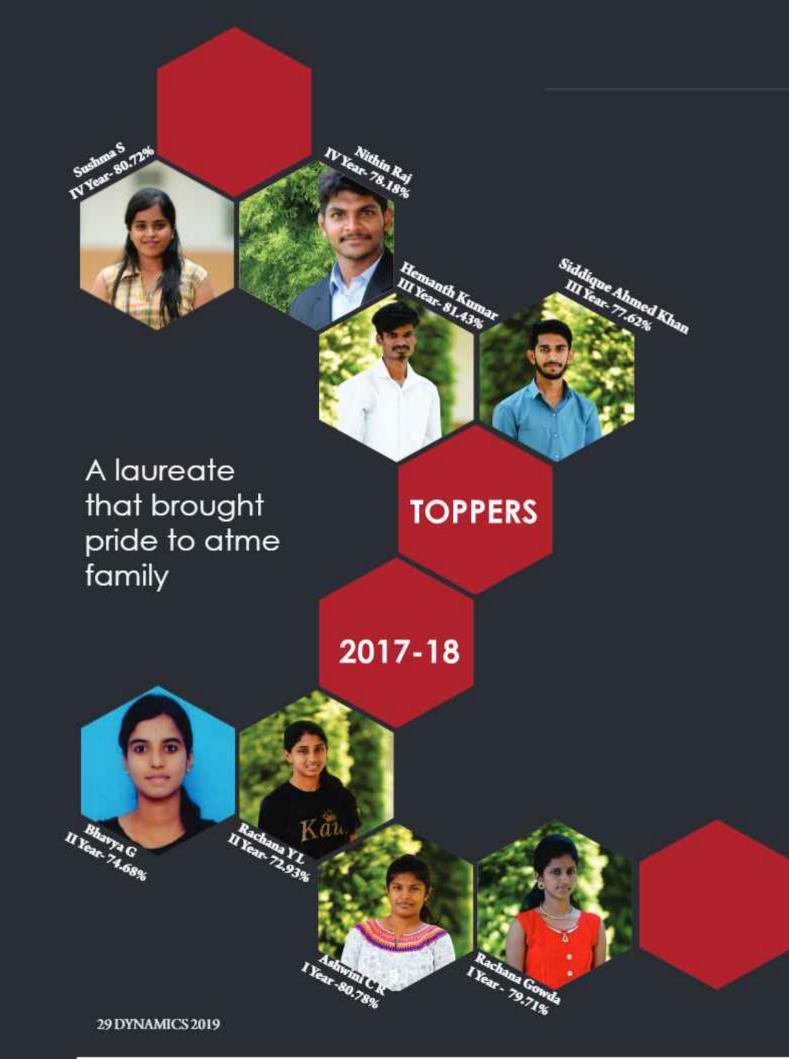
#### Internships

The Internship / Professional Practice (for a period of 4 to 6 weeks) is an essential part as per the curriculum of VTU for students of final year B.E Program. The Internship / Professional Practice is introduced to gain technical skills that leads to carry on their final year projects. This Internship / Professional Practice is under outcome based education system and will be evaluated as a partial requirement for the award of degree. Some of the companies where students have undergone internships are:

- L&T Mysore : Calibration (AC/DC Meters), Trivectometers, Design and Product development
- Magnatech India, Bengaluru: Transformer Construction and Design, Assembly of Protection
- Sparkle Skills Enhancement Centre For Electrical Professionals, Mysuru: Power Electronics
- Balaji Autotech Pvt Ltd, Mysuru: CNC Machines and Programming using PLC and SCADA
- CADD Centre, Mysuru : Electrical Symbols, PLC, Layout design and Panel Design
- KPTCL : Solar PV installation

## Project proposal /Approved for sponsorship under Karnataka State Council for Science and Technology (KSCST)

- $^{ullet}$  Mr. Mahendra K P . Ms. Priyanka S and Ms. Swathi L of 8 th Semester received sponsorship from the Karnataka State Council For Science And Technology in the 42 th Series Student Projects Programme : 2018 2019 for the project titled "Eye Ball Motion Controlled Wheel Chair for Tetraplegia" under the guidance of Mrs. Pooja M.
- •Ms. Fariya Shariff, Mr. Hemanth Kumar K, Ms. Kausar Afreen and Ms. Prapulla K of 8<sup>th</sup> Semester received sponsorship from the Karnataka State Council For Science And Technology in the 42<sup>nd</sup> Series Student Projects Programme: 2018 2019 for the project titled "Design of Water Waste Collector by Seabin" under the guidance of Mr.Vinod Kumar P.
- •Ms. Amulya J D, Mr. Ananda S and Ms. Sapna Ubale of 8<sup>th</sup> Semester received sponsorship from the Karnataka State Council For Science And Technology in the 42<sup>th</sup> Series Student Projects Programme: 2018 – 2019 for the project titled "IOT Based Underground Cable Fault detection" under the guidance of Mr.Rajesh K S.





# Library and Information Centre

"A library is a place that is a repository of information and gives every citizen equal access to it. That includes health information. And mental health information. It's a community space. It's a place of safety, a haven from the world."



Information and communication technology has revolutionized every walk of human society. Academic libraries have a brief history, beginning with chained and locked access libraries of past times to the present day hybrid, digital and virtual libraries that use the latest technology for provision of information through various services. Nowadays these libraries are surrounded by networked data that is connected to huge ocean of the internet based services to make desired information sources accessible to the academic community students and the faculty alike.

Electronic resources have given us the power to get information timely and manage information more effectively and also the means to dissolve barriers and offer equity of access to knowledge and information. These can be used for efficient retrieval and meeting information needs. Thus, libraries are moving towards electronic resources and services, which are found to be less expensive and more useful for easy access.

The academic system largely relies on teaching, learning and research. Eternally, education depends on information

resources. These resources are the driving forces and factors for making a society an educated one. The educated society can exist only when information is stored, shared and utilized properly. In an academic arrangement, both 'education' and 'library' are inseparable – indivisible concepts, working for the promotion and evolution of teaching, learning and research for greater use of academia.

Today, libraries of all kinds have been spending larger and larger shares of their budgets to adopt or gain access to electronic resources from publishers and vendors. This is due the fact that e-resources have enabled libraries to improve services in a variety of ways. Most importantly, most e-resources come equipped with powerful search and retrieval tools that allow users to perform literature searches more effectively and efficiently. Moreover, since most relevant e-resources are now available through the web, users can have desktop access to them 24 hours a day. The users can also navigate directly from indexing databases to the full text of n article and can even follow further links from there. The emergence of e-books and e-journals followed the widespread adoption and use of electronic mail, list servers and discussion groups to disseminate information quickly to large audiences.

The electronic resources have become the essential a part of the every kind of library. The print format of documents is being changed into electronic form. E-Books, E-Journals, E-Thesis, Online Databases, etc. have become the need of the library and several advantages over the print counterparts

#### Books on Shelf

Department	Titles	Volumes
Department of Computer Science	551	3237
Department of Mechanical Engineering	531	3087
Department of Electronics & Communication	609	2993
Department of Electrical & Electronics	519	2509
Department of Civil Engineering	391	1713
General Books	625	1744
M.Tech - Digital Electronics	65	271
M.Tech - Machine Design	51	218
DVD/CDs		1325
Journals and magazines		72



# Department of Physical and Sports

"Many of the problems the world faces today are the eventual result of short-term measures taken last century." Jay Wright Forreste

ATMECE mission is to foster a "culture of fitness" for students, faculty and staff.

Te 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.

I am very happy to present the annual sports report for the year 2018-2019. 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, Throwball, 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 2018-19

- ${}^{\bullet}$ Soft Ball Men Team secured  $2^{nd}$  place in Mysore City Inter Collegiate Soft Ball Tournament organized by St. Jospeh FGC, Mysuru.
- Softball Women Team secured Runners-Up in MCICT Inter Collegiate Soft Ball Championship 2018-19 organized by St. Jospeh FGC, Mysuru.
- Pavan V of 3<sup>nd</sup> year ME has won the Gold Medal (Up to 75kg Category) in Mysore City Intercollegiate Best Physique Competition held at Sports Pavilion, Mysuru.
- Rachana Y L of 3<sup>nt</sup> yr., EE Dept. won the Silver medal in 800mts run at Mysore City Intercollegiate Athletic Meet, organized by Somani B.Ed College, Mysuru.
- Soft Ball Men Team secured 1<sup>th</sup> place in VTU Inter Collegiate Rest of B'lore Zone Soft Ball Championship 2018-19 organized by SJMIT, Chitradurga. (5<sup>th</sup> time in succession)
- Softball Women Team secured Runners-Up in VTU Single Zone Inter Collegiate Soft Ball Championship 2018-19 organized by SJMIT, Chitradurga. (2<sup>th</sup> time in succession).
- Soft Ball Men Team secured 3<sup>nd</sup> place in VTU Inter Zone Inter Collegiate Soft Ball Championship 2018-19 organized by SJMIT, Chitradurga. (2<sup>th</sup> time in succession).
- Throwball Women team secured 2<sup>nd</sup> place in VTU Inter collegiate Mysuru Zone Throwball Championship 2018-19 organized by GSSSIETW, Mysuru.
- Abhijith of 2<sup>nd</sup> year ME Dept. Has won Bronze medals (74kg Category) in 19<sup>th</sup> VTU Intercollegiate Wrestling Competition held at Sapthagiri College of Engineering, Bengaluru.







**University Representatives** 



Rachana Y L 3<sup>rd</sup> yr., EE , Softball



Prashanth S V 4<sup>th</sup> yr., CV, Baseball



Vedith Uthaiah K T 4<sup>th</sup> yr., ME, Baseball



Megana Urs T R 4<sup>th</sup> yr., EC, Softball



Adarsh E 4<sup>th</sup> yr., EC, oftball



Meghana Reddy M 2<sup>nd</sup> yr., CS, Softball



Machaiah M E 2<sup>nd</sup> yr., CS, Hockey DYNAMICS 2019 34

# Department of Mechanical Engineering

Casting the world, Forging the campus, Shaping the universe, Welding the rest of all braches, Bcoz, We are the Men, We are the machine, and we are Mechanical Engineer's



he Department of Mechanical Engineering was started in the year 2010. The department aims at providing quality education to the student community. The department is accredited by National Board of Accreditation for a period of 3 years from 2019-2022 and also the department is ISO 9001:2015 certified. The Department has signed MOU with various industry partners like GT&TC, Mysore, Prolific Technologies Pvt.Ltd, Bangalore, IRIS, Mysore and CADD Centre Mysore to impart industry specific training to the students. Students are encouraged to carry out Mini Project, Seminars in almost all the subjects and further encouraged to attend technical and non-technical events in other colleges also. Students are taken to Industrial visit to fill the academic and industry gap that may exist. Students and Faculty are encouraged to participate in paper presentation, poster presentation, quiz, debate etc., at State/National/International levels. The students of our department have bought lot of laurels by bagging prizes at various National & International events organized by various other colleges.

The Department takes pride to announce that it is bagging Karnataka State Council for Science and Technology sponsored student projects consistently for the past three academic years for the final year projects and has got 11 projects sanctioned so far for the department.

#### Department Activities:

#### A Two-day workshop on "Non-Destructive Techniques" by IRIS, Mysuru:

A Two-day workshop on "Non-Destructive Techniques" has been organized in the department on 20th and 21th of April 2018 for pre-final year students. The workshop was organized in association with Industrial Radiographic Inspection Services (IRIS), Mysuru. Mr. Madhusudhan K T, Managing Director, IRIS and Mr. Gandhi, Instructor, IRIS, Mysuru conducted the workshop and educated the students on various non-destructive techniques used for material inspection.



#### YANTRIX - 2018

Mechanical Engineering Department has organized a Project Exhibition cum Competition 'YANTRIX-2018' on 23-05-2018. Dr. Shirish Kala, Manager, CLARK fixture Technology India Pvt. Ltd, Mysuru, Dr. Mallikarjun C, Associate Professor, VTU-PG Centre, Mysuru were the Chief Guest of the event. The chief guests evaluated the

projects and awarded the best projects of the year which were exhibited in three categories namely; Working Models, Study Projects and Hobby Projects.

Three days' workshop on "Advanced Manufacturing Techniques with Case Studies"

A Three days' workshop on "Advanced Manufacturing Techniques with Case Studies" is organized for 5th Semester students in association with GTTC, Mysore during 10th - 12th October 2018. Students got an exposure to various aspects of manufacturing like, designing, manufacturing, inspection, measurements and much more.



# Two Day Workshop on Engineering in Agriculture and Entrepreneurship

Department of Mechanical Engineering, ATME College of Engineering, Mysuru had organized a two-day workshop on Engineering in Agriculture and Entrepreneurship during 6<sup>th</sup> & 7<sup>th</sup> February 2019. The workshop was inaugurated by Dr. Keshavamurthy N, All India Radio, Mysuru. Mr. Dinesh Kumar D K, Honorary secretary, IEI Mysuru and Mr. Anil Kumar K, Entrepreneur care forum, Mysuru and Mr. Manjegowda K, Innovative fof



Workshop on Engineering in Agriculture

Kommenahally, Mandya were Presided over the function. The objective of the workshop was to create awareness among students about the various applications of engineering in the field of Agriculture and to motivate students to become entrepreneurs and job creators.

#### Inauguration of Institution of Engineers India (IEI) Student Chapter

Department of Mechanical Engineering, ATME college of Engineering, Mysore has formed an association with Institution of Engineers India (IEI), Mysore. The inauguration of the student chapter of IEI, Mysore took place in the department on



student chapter of IEI, Mysore took place in the department on "

16th November 2018. Mr. Dinesh Kumar D K, Hon secretary, IEI, Mysore, Mr. Anil Kumar K, Entrepreneur Care

## ATME College of Engineering Signs MOU with IRIS-Mysuru

Forum, were present on the occasion.

The Department of Mechanical Engineering, ATME College of Engineering, Mysuru and IRIS (Industrial Radiographic Inspection Services), Mysuru signed a Memorandum of Understanding (MOU) on 5th October 2018. Dr. L Basavaraj, Principal, ATMECE, and Mr. K T Madhusudhan, Director, IRIS, signed the MOU. The agreement was based on Training and Placement for final year students of Mechanical Department, ATMECE, Mysore. IRIS is offering ASNT Level-2 (American Society of Non Destructive Testing) certificate for trained students.

# MOU with IRIS (Industrial Radiographic Inspection Services)-Mysuru

## "ROLE OF RENEWABLE ENERGY & ENERGY CONSERVATION IN PRESENT SCENARIO"

Department of Mechanical Engineering, ATMECE, Mysuru in association with Karnataka Renewable Energy Development Ltd (KREDL), Mysuru has organized a One-day workshop on "Role of Renewable Energy and Energy Conservation in Present Scenario" to create awareness for Mechanical Engineering students on 27th September 2018. The workshop was sponsored by KREDL, Mysuru. The workshop was inaugurated by Dr. Basavaraj L, Principal, ATMECE, Mysuru. Mr. D K Dinesh Kumar, Region Head, KREDL, Mysuru was the chief guest of the function. Mr. Anil Kumar, Energy Engineer, BEE, Mysuru was also present during the occasion.

#### An awareness program

#### Career Development

An awareness program on "Career Development" for final year students has been organised in the department on 23<sup>rd</sup> April 2018. The objective of the program to educate students on importance of skill development in order to pursue a successful career. Mr. Prakash K L, Deputy General Manager, GTTC, Mysuru and Dr. Ramesha N, Principal, Skill Development Centre, GTTC, Mysuru were invited to deliver the lecture.

#### Centre of Excellence (CoE) at GTTC, Mysuru

Government Toolroom and Training Centre (GT&TC), Mysuru has created a Centre of Excellence (CoE) in association with Siemens to provide training on latest technologies for engineering students and graduates. In order to create awareness among the students a program has been organized in the college on 24th September 2018. Mr. Prakash K L, Deputy General Manager, GT&TC, Mysuru, Mr. Ramesha N, Principal, Skill Development Centre, GT&TC, Mysuru and representatives from Siemens have educated the students on facilities and trainings available in the newly opened CoE for our students. The CoE has facilities on Advanced Robotics, Material Handling, Internet of Things (IoT), Design, Product Development and other technologies from diverse fields of engineering.

#### Guest Lecture on "Career Opportunities"

The Department of Mechanical Engineering, ATME College of Engineering, Mysuru had organized a Guest Lecture about "Career Opportunities" on 4th October 2018. The objective of the event is to provide an opportunity to acquire knowledge about Career opportunities for pre final year students. Mrs Geetha R Shah from Career Launcher educated the students on various opportunities available in different institutes like IITs, IIMs, etc., and the relevant qualifying examinations such as GRE, GATE, CAT.

#### Industrial Visit to BEML, Mysuru:

An Industrial visit to Bharat Earth Movers Ltd (BEML), Mysuru was organised on 19th May 2018 for 4th Semester, C Section students. BEML is a public sector company under taking by Ministry of Defence. The students were taken into truck division inside the company and were explained on various aspects involved in manufacturing of different trucks, dumpers and graders. Students also got a valuable exposure to different divisions like Light Assembly, Major Assembly, Fabrication and Machine shop. Students were accompanied by staffmembers Mr. Devaraj MR and Mr. Niranjan Kumar VS.







# Department of Training and Placement

"Training sessions are vital to the learning process, but they are only one step in the learning process and this should never be forgotten."

echnical skills are not just about being good at academics or project submissions. With the increasing number of graduates every year, especially from the engineering domain, the competition to get placed during campus placements has grown exponentially. As it is, most of the fortune companies turn to elite universities and colleges for hiring. Thus the situation turns demanding and competitive for other state and private engineering colleges.

According to the recent study conducted by the economic think tank, CMIE, there are as many as 31.2 million youth actively looking for jobs; as of February 2019. The report also stated that unemployment in India has risen to a staggering 7.2% from 5.9% since February 2018. This is a condition of grave concerns for an economy where more than half of the population is under 25 years of age.

A very significant reason behind this employment debacle, that the country is currently facing, is the lack of essential job skills in the candidates. This is more relatable with jobs in IT and engineering, as echoed recently by the chief of American tech giant IBM; Ginny Rometty.

The present challenge of fresher's recruitment in engineering colleges could be achieved by conducting the state of art technical/domain skills during their academics itself. Especially those students who desperate to make a career in IT or engineering and should undergo internship, hobby projects so on to enlace their skills as well to acquire better corporate experience. This, therefore, calls for taking some extra measures by the college management/department heads, TPOs and most important is self realization by the students/fresher's.

At ATMECE, both soft skills and technical/domain skills training are provided to our students through renowned training/industry companies from the field.

- Soft skills training
- Domain/technical skills training

"It is by teaching that we teach ourselves, by relating that we observe, by affirming that we examine, by showing that we look, by writing that we think, by pumping that we draw water into the well."

- Henri-Frederic Amiel (1821-81)



## The top 5 astounding innovations in IoT



Impana Appaji AP, CSE

#### Amazon Echo

The Echo is the flagship smart assistant model for Amazon. It has an impossibly wide array of features and can be utilized in almost every part of your life. For home, the Echo acts as sort of a central hub. It can control your thermostat, alarm system, and order groceries for you at the drop of a hat.

If you have full smart home integration then you can use the Echo as a command center for all of your smart products. It has a great price point and its functionality makes it one of the best on the market. Of course, its Amazon shopping integration doesn't hurt either.

#### Google Home

In a similar fashion to the Echo, the Google Home is a comprehensive smart assistant that is capable of a lot even though it's little. It also has a great price point and has nearly unlimited potential.

What sets it apart, however, is its google voice and search integration. Due to this merging of technologies, the Google Home is capable of researching topics and giving the best results to your queries. It also boasts the google voice which is one of the strongest voice recognition software platforms on the market.

#### Ecobee

Ecobee offers a great smart thermostat that, thanks to the innovations in the Internet of Things, can do a lot more than control the temperature. It uses a built-in Amazon Alexa program so that you can control the temperature with your voice, get the latest news, and control other parts of your smart home. Ecobee also makes a smart light switch that utilizes Alexa so that you can turn on the lights with your voice. In fact, their suite of technologies is built on the idea of hands-free living. This is a principal motivating factor for the Internet of Things.

#### Neurio

Neurio is a smart home device for those who wish to know everything about their house's energy usage down to the last detail. They use in-depth energy analytics to break down precisely where and how your energy is being used so that you can optimize your home's energy output.

Neurio uses data collection to constantly update and provide accurate energy readings. Ultimately, their goal is to make a world where everyone is in control of his or her energy usage, output, and sale. The best part is that this analytics can be observed and managed through their smartphone application.

#### Ring

Ring is an advanced, multi-purpose IoT device that brings cameras and microphones to every doorbell system. In contrast to traditional doorbells, Ring uses state-of-the-art technology to make your doorbell smarter and your front door safer. Their recent forays into security have made them a power player in the home security game. Ring uses an optimized web application on your smartphone to coordinate all of your connected security devices and allows you to monitor your home wherever you are. This means that you can bring your home with you wherever you go and constantly monitor the safety of your property. This IoT innovation is an incredible signal of how fast technology is evolving and how it is changing our lives.



#### Conclusion

The Internet of Things is truly an exciting technology. Imagine a world where every single object in your home was constantly connecting to the internet, communicating with other objects in your home, and gathering important data about its own usage. This kind of tech, when adopted by homeowners and business owners, could reshape how we interact with everything.

For the home aspect of life, the Internet of Things will have you prepared for anything. The slow and eventual evolution of internet technologies has given us a suite of devices that can be entirely controlled by our phones with ease. Smart refrigerators, thermostats, and assistants make navigating the trivialities of life much more entertaining. The same can be applied to our work lives as this technological revolution continues its volley on our senses. The progress of this tech allows us to have our own personal assistants, shoppers, and butlers.

Ultimately, the Internet of Things is about improving the quality of life for everyone on the planet. The use of wireless communication technologies will open doors that were previously closed as millions will get access to information and people that they could never reach before. If there is any technology to watch out for it's the Internet of Things.

## AI can predict premature death

he team of healthcare data scientists and doctors have developed and tested a system of computer-based 'machine learning' algorithms to predict the risk of early death due to chronic disease in a large middle-aged population.

They found this AI system was very accurate in its predictions and performed better than the current standard approach to prediction developed by human experts. The study is published by PLOS ONE in a special collections edition of "Machine Learning in Health and Biomedicine."

The team used health data from just over half a million people aged between 40 and 69 recruited to the UK Biobank between 2006 and 2010 and followed up until 2016.

Leading the work, Assistant Professor of Epidemiology and Data Science, Dr Stephen Weng, said: "Preventative healthcare is a growing priority in the fight against serious diseases so we have been working for a number of years to improve the accuracy of computerised health risk assessment in the general population. Most applications focus on a single disease area but predicting death due to several different disease outcomes is highly complex, especially given environmental and individual factors that may affect them.

"We have taken a major step forward in this field by developing a unique and holistic approach to predicting a person's risk of premature death by machine-learning. This uses computers to build new risk prediction models that take into account a wide range of demographic, biometric, clinical and lifestyle factors for each individual assessed, even their dietary consumption of fruit, vegetables and meat per day. "We mapped the resulting predictions to mortality data from the

cohort, using Office of National Statistics death records, the UK cancer registry and 'hospital episodes'statistics.

We found machine learned algorithms were significantly more accurate in predicting death than the standard prediction models developed by a human expert."

The AI machine learning models used in the new study are known as 'random forest' and 'deep learning'. These were pitched against the traditionally-used 'Cox regression' prediction model based on age and gender - found to be the least accurate at predicting mortality and also a multivariate Cox model which worked better but tended to over-predict risk. Professor Joe Kai, one of the clinical academics working on the project, said: "There is currently intense interest in the potential to use 'AI' or 'machinelearning' to better predict health outcomes. In some situations we may find it helps, in others it may not. In

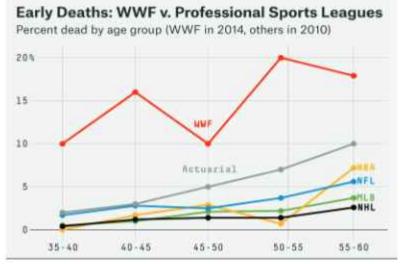
In this particular case, we have shown that with careful tuning, these algorithms can usefully improve prediction.

"These techniques can be new to many in health research, and difficult to follow. We believe that by clearly reporting these methods in a transparent way, this could help with scientific verification and future development of this exciting

field for health

This new study the Nottingham four different AI forest', 'logistic boosting' and significantly better cardiovascular algorithm used in guidelines. This here.

The Nottingham will play a vital future tools



builds on previous work by team which showed that algorithms, 'random regression', 'gradient 'neural networks', were at predicting disease than an established current cardiology earlier study is available

care."

researchers predict that AI part in the development of capable of delivering

personalised medicine, tailoring risk management to individual patients. Further research requires verifying and validating these AI algorithms in other population groups and exploring ways to implement these systems into routine healthcare.

Story Source: Materials provided by University of Nottingham. (Sciencedaily.com)



Kusum I K 4th Sem, CSE

"Unfortunately, you are far more likely to be harmed or die prematurely as a direct result of modern society than you are from any form of terrorism."

"If you don't know yourself, you may easily blow away opportunities meant for your success!

## Physics of Shiva's Cosmic Dance





n June 18, 2004, an unusual new landmark was unveiled at CERN, the European Center for Research in Particle Physics in Geneva - a 2m tall statue of the Indian deity Shiva Nataraja, the Lord of Dance. The statue, symbolizing Shiva's cosmic dance of creation and destruction, was given to CERN by the Indian government to celebrate the research center's long association with India.

In choosing the image
Indian government
profound significance of
dance for the cosmic
particles, which is
by CERN's physicists.
Shiva's dance and the
particles was first
Capra in an article titled
The Hindu View of
Modern Physics,"
Currents in Modern
cosmic dance then
metaphor in Capra's
The Tao of Physics, first



of Shiva Nataraja, the acknowledged the the metaphor of Shiva's dance of subatomic observed and analyzed The parallel between dance of subatomic discussed by Fritjof "The Dance of Shiva: Matter in the Light of published in Main Thought in 1972. Shiva's became a central international bestseller published in 1975 and

still in print in over 40 editions around the world.

#### E = mc<sup>2</sup> and The Cosmic Dance:

The first law of thermodynamics or the law of conservation of energy states that "energy can neither be created nor be destroyed but can change from one form to another". Energy can take different forms – heat, electrical, chemical, gravitational, motion, and so on. For example, apple falling from tree is given gravitational energy from the earth is then transformed into motion or kinetic energy, when it hits the ground it becomes static energy, and attracts anything

between ants, gnomes, to humans. The theory of relativity says amount of energy contained in a particle is equal to the particle's mass, m, times  $c^2$ , the square of the speed of light; thus  $E = mc^2$ 

Once to be in the form of energy, mass is not indestructible but can be transformed to other forms of energy. This happens when subatomic particles collide, particles can be destroyed, and their kinetic energy in the masses can be used to form new particles. This creation and destruction of material particles is the stunning result of mass and

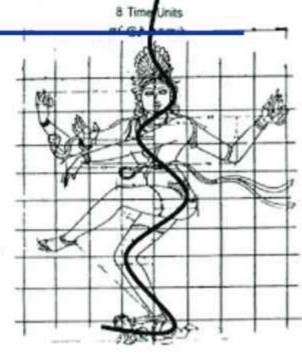
energy equivalence. They form dynamic patterns in the fourth dimension of space-time making everything connected at the subatomic world.

Being raised as Hindu and adding my own nerdy inquisitiveness, I know that the Lord Shiva as dancing Natarajar, His "ananda thandavam" or "dance of bliss'" is the creation of universe. His upper left hand holding a small drum symbolizes "creation", fire on the upper right hand symbolizes "destruction, the second right hand showing "abhaya mudra" symbolizes "protection",

## english articles

", the second left hand pointing to his feet represents "salvation and grace", and all these happens in the ring of fire around him that represents continuous cycle that holds all the four said representations in the universe. He dances on a small demon "muvalakan" who represents \*ignorance". Altogether the iconography represents if you put your "ignorance" at God's feet, He'll protect you from the continuous cycle of creation and destruction, and leading up to salvation.

While researching for my painting, although it is nothing but a classical Tanjore one, the revelations were mind boggling. Sharada Srinivasan in her paper "Shiva as 'cosmic dancer': on Pallava origins for the Nataraja bronze" proves with archaeometallurgical, iconographic and literary evidences that the iconography originated from Tamil Nadu, India between 7th to mid-9th century C.E. first in stone sculptures and later in timeless bronzes. I also stumbled upon Fritjof Capra's "Tha Tao of Physics" where the parallels between modern physics and the cosmic dance of Shiva are beautifully pictured. To quote For the modern physicists, then, Shiva's dance is the dance of subatomic matter. As in Hindu mythology, it is a continual dance of creation and destruction involving the whole cosmos; the basis of all existence and of all natural phenomena. Hundreds of years ago, Indian artists created visual images of dancing Shivas in a beautiful series of bronzes. In our time, physicists have used the most advanced technology to portray the patterns of the cosmic dance. The metaphor of the cosmic dance thus unifies ancient mythology, religious art and modern physics.



Indian government acknowledged the insightful significance of the metaphor of Shiva's dance for the cosmic dance of subatomic particles, which is observed and analyzed by CERN's physicists with a 2m tall statue of Natarajar in 2004. Here is my own to remind my future family and me of the deep and profound cultural and heritage roots in and India.

## SUPPORTING EFFICIENT AND SCALABLE MULTICASTING OVER MOBILE AD HOC NETWORKS

roup communications are important in Mobile Ad hoc Networks (MANET). Multicast is an efficient method for implementing group communications. However, it is challenging to implement efficient and scalable multicast in MANET due to the difficulty in group membership management and multicast packet forwarding over a dynamic topology, a novel Efficient Geographic Multicast Protocol (EGMP) has been proposed. EGMP uses a virtual-zone-based structure to implement scalable and efficient group membership management. A network-wide zone-based bi-directional tree is constructed to achieve more efficient membership management and multicast delivery.

There are increasing interests and importance in supporting group communications over Mobile Ad Hoc Networks (MANETs). Example applications include the exchange of messages among a group of soldiers in a battlefield, communications among the firemen in a disaster area, and the support of multimedia games and teleconferences. With a one-to-many or many-to-many transmission pattern, multicast is an efficient method to realize group communications.

The existing geographic routing protocols generally assume mobile nodes are aware of their own positions through certain positioning system (e.g., GPS), and a source can obtain the destination position through some

type of location service. In, an intermediate node makes its forwarding decisions based on the destination position inserted in the packet header by the source and the positions of its one-hop neighbors learned from the periodic beaconing of the neighbors. ODMRP are proposed to enhance the robustness with the use of redundant paths between the source and the destination pair's scalability due to the overhead incurred for route searching, group membership management, and creation and maintenance of the tree/mesh structure over the dynamic MANET.

Maaz Ahmed 6th Sem, CSE

## HYPERLOOP-The Fastest Mode of Public Transport

Humera Taj 8<sup>th</sup> Sem, Civil



he hyperloop 'one' completed its first test ride successfully in July 2017. Currently the company is initiating developmental stage-oriented projects in India and Ohio. In July 2018, the Indian state of Maharashtra expressed their intent to construct a hyperloop route between Mumbai and Pune, which would enable a pod to cover the distance in under 25 minutes. Phase 1 of the demonstration is already underway, with the company already constructing experimental tubes and planning to complete a 7-mile (11.2km) long tube soon.

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According to the company, India has a multitude of factors that make it ideally suited to a hyperloop system. It has a low-cost manufacturing base, strong political support, excellent engineering talent and above all, infrastructure demands. The hyperloop will be even more functional than metros and subways, as people will be able to travel between cities in the time that it takes to travel within a city.

The company believes that it will achieve extensive hyperloop connectivity in different cities across the world by mid-2020s. India based DGW Hyperloop suggests a hyperloop corridor between Mumbai and Delhi, that would include the cities of Indore, kota and Jaipur. A lot of certifications are still pending for this futuristic mode of transport, the company claims. Apart from transporting goods faster than ever it was. Logistics will benefit a lot from the hyperloop network. The company assures that once hyperloop is on the roll, the tickets will be affordable as far as the pricing is concerned. India is on the track to be host to one of the earliest hyperloop networks in the world, with the first ride to be implemented in an upcoming couple of years.

#### The Power Of Your Subconscious Mind





magnetized piece of iron will lift about 12 times its own weight. But if you demagnetize the same piece of iron, it will not lift even a feather. In the same way, there are 2 types of people. Those who are magnetized are full of confidence and faith. They know they are born to succeed and to win. Others, so many others, are demagnetized. They are full of fears and doubts. When an opportunity comes, they say

#### "What if I fail? I might lose my money. People will laugh at me."

You have only one mind, but that one mind possesses two distinct and characteristic functional parts. The two functions of your mind are essentially different from each other. Each has its own separate and distinct attributes and powers.

#### THE CONSCIOUS AND THE SUBCONSCIOUS MIND

Imagine your subconscious mind as bed of rich soil that will help all kinds of seeds to sprout and flourish, whether good or bad. Every thought is a cause, and every condition is an effect. This is reason it is so essential that you take charge of your thoughts. In the way, you can bring forth only desirable conditions.

Once you learn the truth about the interaction of your conscious and subconscious minds, you will be able to transform your whole life. If you want to change external conditions, you must change the cause. Most people try to change conditions and circumstances by working on those. This is a terrible waste of time and effort. They fail to see that their conditions flow from a cause. To remove discord, confusion, lack, and limitation from your life, you must remove the cause. Change the cause, and you change the effect. The subconscious is subject to

the conscious mind. That is why it is called subconscious or subjective.

Conscious mind is the captain of your ship (your body). Your subconscious mind takes the orders you give it, based upon what your conscious mind believes and accepts as true. It does not question the orders or the basis on which they are given.

As long as you go on saying, "I can't afford that car, that vacation, that home," you can be sure your subconscious mind will follow your orders. You will go through life experiencing the lack of all these things, and you will believe that circumstances made it so. It will not occur to you that you have created those circumstances yourself, by your own negative, denying thoughts. You think with your conscious mind, and whatever you habitually think sinks down into your subconscious mind. Your

subconscious mind is the seat of your emotions. It is the creative mind. If you think good, good will follow; if you think evil, evil will follow. This is the way your mind works.

Once the subconscious mind accepts an idea, it begins to execute it. Whatever you claim mentally and feel as true, your subconscious mind will accept and bring forth into your experience. All you have to do is get your subconscious mind to accept it.

The law of your mind is this: The reaction or response you get from your subconscious mind will be determined by the nature of the thought or idea you hold in your conscious mind. If you say, "There is no way out; I'm lost; there is no way out of this dilemma; I am blocked, "you will get no answer or response from your subconscious mind.

If you want the subconscious mind to work for you, you have to give it the right request and get its cooperation. It is always working for you. It is controlling your heartbeat and breathing this minute.



Your subconscious has a mind of its own, but it accepts your pattern of thought and imagery. When you look for the answer to a problem, your subconscious will respond, but it expects you to come to a decision in your conscious mind. If you say, "I am all mixed up and confused; why I don't get an answer?" you are neutralizing your prayer.

Whatever your conscious mind assumes and believes to be true, your subconscious mind will accept and bring to pass. Believe in good fortune, divine guidance, right action, and all the blessings of life.

You have the power to choose. Choose health and happiness. Choose to be cooperative, joyous, friendly, lovable, and the whole

world will respond. This is the way to develop a wonderful personality.

Remember you have the capacity to choose, Choose life! Choose love! Choose health! Choose happiness!

#### CHANGE YOUR THOUGHTS, AND CHANGE YOUR DESTINY.

## **Smart Spaces**

smart space is a physical or digital environment in which humans and technology-enabled systems interact in increasingly open, connected, coordinated and intelligent ecosystems. Multiple elements - including people, processes, services and things - come together in a smart space to create a more immersive, interactive and automated experience for a target set of people and industry scenarios. "This trend has been coalescing for some time around elements such as smart cities, digital workplaces, smart homes and connected factories. We believe the market is entering a period of accelerated delivery of robust smart spaces

with technology becoming an integral part of our daily lives, whether as employees, customers, consumers, community members or citizens," said Mr. Cearley.

The smart spaces paradigm and the M3 concept have already showed their potential for constructing advanced service infrastructures. The Internet of Things (IoT) provides the possibility to make any "thing" a user or component of such a service infrastructure. In this paper, we consider the crucial design challenges that smart spaces meet for deploying in IoT: (1) interoperability, (2) information processing, (3) security and privacy. The paper makes a step toward a systematized view on smart spaces as a computing paradigm for IoT applications. We summarize the groundwork from pilot M3 implementations and discuss solutions to cope with the challenges. The considered solutions can be already used in advanced service infrastructures.

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Arjun.V

### **Examination hall**

In a circket stadium,
Student is a batsman,
The paper setter is the bowler,
The marks are runs,
The questions are the balls,
The examination hall is the ground,
The hard question is the fast bowling,
The good answer is best batting,
The distinction is the century,

The zero marks is clean bowled,
The marks sheet is the score board,
Caught during copying is run out,
Parent are spectators,
Sqaud is the third empire,
The question out of syllabus is no ball,
The extra question are off balls and wide balls,
Scoring pass marks is winning the 'match'.



KULSUM KHANUM K 4<sup>th</sup> Sem, CSE

## The Beauty Of Silence

There was a boy who could not speak, But had so much to say. He had no voice, and medicine Had not yet found a way.

The months went by, the words held in And all he did was hear. Until ,one day. As life grew thin, A cure was finally near.

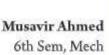
I'm just wondering your my kind of girl,
You need a guy like me around for protection.
I'm telling you now
I'm not looking for perfection.
Don't be fright of dark night
I'll be there beside, hugging you tight.
I wanna hold you up like the water,

You know i like the pond Baby! your my cute "swan"

> PAVAN M 6<sup>th</sup> Sem, Mech



#### WATER CONSERVATION





arth is the only known planet in this universe where life is possible only because of the availability of water and oxygen. Water is most important necessity of life for all the living beings on the earth. Without water no one can exist even for a day. We also know that there is very less percentage of clean water means drinking water available on the earth. So, we should not waste clean water and save it for future generations. We should change our bad habits into positive ones and spread awareness among people about the importance of clean water. We should promote the less use and saving of clean water to maintain the continuity of life on the earth.

We have provided below some short and long articles on save water to help students as they generally get assigned by their teachers to write articles either in 300, 500, 600 or 800 hundred words. Article writing is now in trend in the schools and colleges during any event celebration. It is performed to enhance the English writing skill and knowledge of the students about any topic. All the save water articles are written very simply. So, you can select any article according to your need and requirement.

Water is the precious gift of God on the earth. Life exists on the earth because of the availability of water. Itself being tasteless, odorless and colorless, it adds taste, color and nice smell in the life of living beings on the earth. It is found everywhere and known as life. It takes nothing from us but gives life to us. It has no shape but takes the shape of container we store it. We find it everywhere in rivers, seas, tanks, wells, ponds, etc but we lack clean drinking water. Three-fourth part of the earth is full of water however we need to conserve water as there is very less percentage of clean water. Without water life is not possible on the earth. All the living beings like human, animals, plants, etc need water to grow, develop and live. Water is the only source of all lives here. We need water in all the walks of life from morning till night like drinking, cooking, bathing, washing clothes, watering plant, etc.

People working in different fields need water for

different purposes such as farmers need water to grow crops, gardeners to water plants, industrialists for industry work, electricity plants to generate hydro-electricity, etc. So, we should save clean water for the wellness of our future generations and healthy life of water and wildlife animals. People at many places of the world are suffering water scarcity or completely lack of water in their regions. Conclusion

We should understand the importance of water in our life and stop misusing it with the proper management of usage of water. We should also protect clean water from being dirty due to the soil or water pollution. We should not waste it into toilet and store rain water for this purpose.

#### Women In Position Of Power

Jyothi D N AP, CV



omen in positions of power are women who hold an occupation that gives them great authority, influence, and/or responsibility. Power and powerful positions have most often been associated with men as opposed to women. As gender equality increases, women hold more and more powerful positions, due to policy and social reform. Accurate and proportional representation of women in social systems has been shown to be important to long-lasting success of the system. Below are some of the wonderful women's and big salute to them who succeed in their powerful positions in our Indian Army.

Punita AroraBorn into a Punjabi family that moved to Saharanpur in Uttar Pradesh during Partition,



Punita Arora is the first woman in India to don the second-highest rank, Lieutenant General of Indian Armed Forces, as well as the rank of Vice Admiral of Indian Navy. Earlier, she was the

commandant of the Armed Forces Medical College in 2004, the first woman at the helm of the institute. She also co-ordinated medical research for the armed forces as additional director-general of Armed Forces Medical Services (AFMS). Later, she moved from the Army to the Navy as the AFMS has a common pool that allows officers to migrate from one service to another depending on the requirement.

#### Padmavathy Bandopadhyay

Padmavathy Bandopadhyay was the first woman Air Marshal of the Indian Air Force. She joined IAF in 1968 and completed her Defence



Service Staff College course in the year 1978, becoming the first woman officer to do so. Not only that, she was the first woman officer to become an aviation medicine specialist, the first woman to conduct scientific research at the North Pole (she studied the physiology of extreme cold acclimatization during the late 80s) and the first woman to be promoted to the rank of Air Vice Marshal and, last but not the least, she was awarded the Vishisht Seva Medal for her meritorious service during the 1971 Indo-Pak conflict.



#### Mitali Madhumita

In February 2011, Lt Col Mitali Madhumita became India's first female officer to receive the Sena Medal for gallantry, a decoration given to soldiers for exemplary

courage during operations in J&K and the northeast. Madhumita, who was leading the army's English Language Training Team in Kabul, was the first officer to reach the Indian embassy in Kabul that came under attack by suicide bombers on February 2010. Though unarmed, she literally ran close to 2 km to reach the spot, personally extricated nearly 19 officers of the Army training team who were buried beneath the rubble and rushed them to hospital.

#### Priya Jhingan

On September 21, 1992, the feisty Priya Jhingan enrolled as 001 — the first lady cadet to join the Indian Army. A law graduate, Jhingan had always dreamt of joining the army. In 1992,



of joining the army. In 1992, she wrote a letter to the Army Chief himself, asking him to let women in. A year later, he did, and Jhingan and the other 24 newother 24 newfemale recruits began their journey. When she retired, she said, "It's a dream I have lived every day for the last 10 years."

#### Divya Ajith Kumar

At the age of 21, Divya Ajith Kumar beat 244 fellow cadets (both men and women) to win the Best All-Round Cadet award and get the coveted "Sword of Honour," the highest award given to a cadet of the Officers Training Academy. To achieve the "Sword of Honour," one must triumph the merit list, which comprises of P.T. tests, higher P.T. tests, swimming tests, field training, service subjects, obstacle training, drill tests, cross-country enclosures, among other things. The first woman to win this honour in the history of Indian Army, Captain Divya Ajith Kumar led an all-women contingent of 154 women officers and cadets during the Republic Day parade in 2015.





#### Nivedita Choudhary

Flight Lt Nivedita Choudhary became the first woman from the Indian Air Force (IAF) to summit the Mt. Everest – and the first woman from Rajasthan to achieve this feat. It was in October 2009 that Choudhary, an IAF officer who had just joined the squadron in Agra, chanced upon a broadcast calling for volunteers for IAF's women expedition to the Everest. She volunteered, without realising that, three years later, she would do what no woman in the air force had ever done. The other women on her team, Squadron

Leader Nirupama Pandey and Flight Lieutenant Rajika Sharma, climbed the peak five days later.

#### Anjana Bhaduria

Anjana Bhaduria is the first woman to win a gold medal in the Indian Army. She had always wanted to be an officer in the Indian Army. After completing her MSc in Microbiology, Anjana Bhaduria applied to an advertisement for the induction of lady officers into the Army through the Women Special Entry Scheme (WSES) and was accepted into the first-ever batch of women cadets in the Indian Army in 1992. Excelling in every field during the training, she was chosen for the gold medal from a batch that consisted of both men and women. She served with the Indian Army for 10 years.





#### Priya Semwal

Scripting history as the first Army jawan's wife to join as an officer in the armed forces, Priya Semwal, (who lost her husband in a counter-insurgency operation, was inducted into the Corps of the Electrical and Mechanical Engineering (EME) of the Army as a young officer in 2014. The 26-year-old mother of the then 4-year-old Khwahish Sharma, Semwal's future looked bleak when she heard of the death of her husband, Naik Amit Sharma serving with the 14 Rajput regiment, in a counter-insurgency operation near

hilly Tawang in Arunachal Pradesh in 2012. She then decided to join the army in memory of her husband and his love for his motherland.

#### Deepika Misra

In 2006, Deepika Misra became the first IAF woman pilot to train for the helicopter aerobatic team, Sarang. It was during her passing out parade at Air Force Academy in December 2006 that Deepika Misra, then a Flight Cadet, first fell in love with the aerobatic displays by the Surya Kirans and Sarang, IAF's fixed-wing and rotary-wing aerobatic display teams respectively. When the IAF sought women pilots to volunteer for the Sarang team in 2010, she jumped at the chance and was among the first to be inducted into the indigenous Advanced Light Helicopter squad.



#### english articles



#### Sophia Qureshi

Lt Col Sophia Qureshi of the Corps of Signals created history when she achieved the rare distinction of becoming the first woman officer to lead a training contingent of the Indian Army at Force 18, the ASEAN Plus multinational field training exercise held in 2016. She was also the only woman officer Contingent Commander among all ASEAN Plus contingents present for the exercise. An officer from the Corps of Signals of the Indian Army, 35-year-old Qureshi was selected from a pool of peacekeeping trainers to

lead the Indian contingent

#### Shanti Tigga

Sapper Shanti Tigga was no ordinary woman. She was the first female jawan in the Indian Army, and she achieved this feat when she was 35 and had two children. During the physical fitness tests during training, she defeated all her other male counterparts. She completed the 50m run in 12 seconds during her tests and outran all of her other male counterparts to complete her 1.5 km run with 5 seconds to spare. Her expertise in handling guns earned her the highest position of marksman. The best trainee of her batch, Tigga joined the 969 Railway Engineer Regiment of Territorial Army in 2011.



Although she met with a tragic death, she shall always be remembered for her prowess and valour.

#### Ganeve Lalji



Lieutenant Ganeve Lalji, a young intelligence officer, created history by becoming the first woman to be appointed as a key aide to an Army Commander. A third generation Army officer, Lt. Lalji was commissioned in the Corps of Military intelligence in 2011 and recorded several achievements during her training course at Pune. Selected from 350 shortlisted women officers, Lt. Lalji is also a keen adventure enthusiast and has undergone mountaineering and skiing courses at Western Himalayan Mountaineering Institute, Manali.

#### Gunjan Saxena

During the Kargil War, Flight Officer Gunjan Saxena made history by becoming the first woman IAF officer to fly in a combat zone. In 1994, Gunjan Saxena was one of 25 young women who formed the first batch of women IAF trainee pilots. During Kargil, Saxena flew dozens of helicopter sorties through the war zone to air-drop supplies to troops and evacuate injured Indian Army soldiers. Later, she became the first woman recipient of the Shaurya Vir Award, a gallantry award presented for valour, courageous action or selfsacrifice while not engaged in direct action with the enemy.



## The Future of Very Large-Scale Integration (VLSI) Technology





The historical growth of IC computing power has profoundly changed the way we create, process, communicate, and store information. The engine of this phenomenal growth is the ability to shrink transistor dimensions every few years. This trend, known as Moore's law, has continued for the past 50 years. The predicted demise of Moore's law has been repeatedly proven wrong thanks to technological breakthroughs (e.g., optical resolution enhancement techniques, high-k metal gates, multi-gate transistors, fully depleted ultra-thin body technology, and 3-D wafer stacking). However, it is projected that in one or two decades, transistor dimensions will reach a point where it will become uneconomical to shrink them any further, which will eventually result in the end of the CMOS scaling roadmap. This essay discusses the potential and limitations of several post-CMOS candidates currently being pursued by the device community.

Steep transistors: The ability to scale a transistor's supply voltage is determined by the minimum voltage required to switch the device between an onand an off-state. The sub-threshold slope (SS) is the measure used to indicate this property. For instance, a smaller SS means the transistor can be turned on using a smaller supply voltage while meeting the same off current. For MOSFETs, the SS has to be greater than  $ln(10) \times kT/q$  where k is the Boltzmann constant, T is the absolute temperature, and q is the electron charge. This fundamental constraint arises from the thermionic nature of the MOSFET conduction mechanism and leads to a fundamental power/performance tradeoff, which could be overcome if SS values significantly lower than the theoretical 60-mV/decade limit could be achieved. Many device types have been proposed that could produce steep SS values, including tunneling field-effect transistors (TFETs), nanoelectromechanical system (NEMS) devices, ferroelectric-gate FETs, and impact ionization MOSFETs. Several recent papers have reported experimental observation of SS values in TFETs as low as 40 mV/decade at room temperature. These so-called "steep" devices' main limitations are their low mobility, asymmetric drive current, bias

dependent SS, and larger statistical variations in comparison to traditional MOSFETs.

Spin devices: Spintronics is a technology that utilizes nano magnets' spin direction as the state variable. Spintronics has unique properties over CMOS, including non volatility, lower device count, and the potential for non-Boolean computing architectures. Spintronics devices' non volatility enables instant processor wake-up and power-down that could dramatically reduce the static power consumption. Furthermore, it can enable novel processor-in-memory or logic-in-memory architectures that are not possible with silicon technology. Although in its infancy, research in spintronics has been gaining momentum over the past decade, as these devices could potentially overcome the power bottleneck of CMOS scaling by offering a completely new computing paradigm. In recent years, progress has been made toward demonstration of various post-CMOS spintronic devices including all-spin logic, spin wave devices, domain wall magnets for logic applications, and spin transfer torque magneto resistive RAM (STT-MRAM) and spin-Hall torque (SHT) MRAM for memory applications. However, for spintronics technology to become a viable post-CMOS

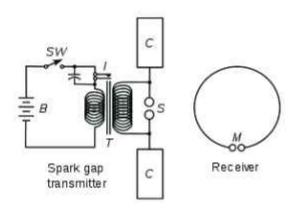
## english articles

Otherwise, the performance will always be limited by CMOS technology. Other remaining challenges for spintronics devices include their relatively high active power, short interconnect distance, and complex fabrication process. CMOS scaling is coming to an end, but no single technology has emerged as a clear successor to silicon. The urgent need for post-CMOS alternatives will continue to drive high-risk, high-payoff research on novel device technologies. Replicating silicon's success might sound like a pipe dream. But with the world's best and brightest minds at work, we have reasons to be optimistic.

## The SUCCESS of an experiment and the SETBACK

Late in the 19th Century, James Clerk Maxwell proposed a Mathematical theory in the year 1873 which predicted the propagation of electromagnetic disturbances through space at the speed of light exhibiting wave like characteristics of light propagation. Further many scientists tried providing an experimental evidence for the Electromagnetic theory. Heinrich Rudolf Hertz during his tenure as a full professor in the University of Karlsruhe designed an experimental setup to generate Electromagnetic Disturbances in the year 1887. In his experiments Heartz observed that sparks generated between two small metal spheres in a transmitter induce sparks that jump between between two different metal spheres in a receiver.





Hertz was successful in providing experimental evidence for the assistance of the Electromagnetic Waves. During the experiments Hertz learnt that sensitivity of the spark gap could be increased by illuminating the spheres with visible light or ultraviolet light. Hertz made a note of his observation. Thus Hertz first witnessed the Photoelectric Effect. Studies by JJ Thomson showed that the increase in sensitivity was due to light pushing the electrons that are particles and which he discovered, ten years later than the experiment of hertz, in the year 1897.

The very notion of light behaving like an electromagnetic wave was different in photoelectric effect. Further investigations into the photoelectric effect resulted in observations that did not match with the classical theory of electromagnetic radiation. When light interacted with electrons it did not behave like it was supposed to like a wave. The assistant of Hertz, Philipp Lenard, conducted primary experiments with definative studies on photo electric effect and announced the results in the year 1900.

Dr. Mahesh Lohith KS

Assoc. Prof.

Department of Physics

#### PARKER SOLAR PROBE

**Manoj M** 6<sup>th</sup> Sem, ME



#### THEMISSION

NASA's Parker Solar Probe mission will revolutionize our understanding of the sun.

#### SCIENCE OBJECTIVES

NASA's Parker Solar Probe mission will revolutionize our understanding of the sun. Parker Solar Probe will provide new data on solar activity and make critical contributions to our ability to forecast major space-weather events that impact life on Earth.

#### LAUNCH

Launch: August 12, 2018 at 3:31 a.m. EDT (7:31 UTC), Max. Launch C3:154 km2/s2, Launch Vehicle: Delta IV-Heavy with Upper Stage.

#### JOURNEY TO THE SUN

Parker Solar Probe will swoop to within 4 million miles of the sun's surface, facing heat and radiation like no spacecraft before it. To get there, it takes an innovative route.

Launch: August 12, 2018 at 3:31 a.m. EDT (7:31 UTC), Venus Flyby: Oct. 3, 2018 at 4:44 a.m. EDT (08:44 UTC),

Lagardi Santa Fighy 81 Santa Fighy 81 Santa Fighy 81 First Perihelion: Nov. 5, 2018 at 10:27 p.m. EST (Nov. 6, 2018 at 03:27 UTC)

#### TRAJECTORY DESIGN

Parker Solar Probe will use seven Venus flybys over nearly seven years to gradually shrink its orbit around the sun, coming as close as 3.83 million miles (and 6.16 million kilometers) to the sun, well within the orbit of Mercury and about seven times closer than any spacecraft has come before.

#### Final Solar Orbits

At closest approach, Parker Solar Probe will be hurtling around the sun at approximately 430,000 miles per hour! That's fast enough to get from Philadelphia to Washington, D.C., in one second. Closest approach: 3.83 million miles, Speed: ~430,000 miles per hour (~125 miles per second), Orbit period: 88 days

#### SPACECRAFT

NASA's historic Parker Solar Probe (PSP) mission will revolutionize our understanding of the Sun. PSP will swoop closer to the Sun's surface than any spacecraft before it, facing brutal heat and radiation conditions. The spacecraft will come as close as 3.83 million miles (and 6.16 million kilometers) to the Sun, well within the orbit of Mercury and more than seven times closer than any spacecraft has come before. To perform these unprecedented investigations, the spacecraft and instruments will be protected from the Sun's heat by a 4.5-inch-thick (11.43 cm) carbon-composite shield, which will need to withstand temperatures outside the spacecraft that reach nearly 2,500 degrees Fahrenheit (1,377 degrees Celsius).

#### BIG DATA





ig data analytics examines large amounts of data to uncover hidden patterns, correlations and other insights. With today's technology, it's possible to analyze the data and get answers from it almost immediately - an effort that's slower and less efficient with more traditional business intelligence solutions.

#### History and evolution of big data analytics:

The concept of big data has been around for years; most organizations now understand that if they capture all the data that streams into their businesses, they can apply analytics and get significant value from it. But even in the 1950s, decades before anyone uttered the term "big data," businesses were using basic analytics (essentially numbers in a spreadsheet that were manually examined) to uncover insights and trends.

The new benefits that big data analytics brings to the table, however, are speed and efficiency. Whereas a few years ago a business would have gathered information, run analytics and unearthed information that could be used for future decisions, today that business can identify insights for immediate decisions. The ability to work faster - and stay agile gives organizations a competitive edge they didn't have before.

#### Importance of Big Data Analytics:

The Big Data analytics is indeed a revolution in the field of Information Technology. The use of Data analytics by the companies is enhancing every year. The primary focus of the companies is on customers. Hence the field is flourishing in Business to Consumer (B2C) applications .We divide the analytics into different types as per the nature of the environment. We have three divisions of Big Data analytics: Prescriptive Analytics, Predictive Analytics, and Descriptive Analytics. This field offers immense

potential, and in this blog, we will discuss four perspectives to explain why big data analytics is so

- important today?

   Data Science Perspective
- Business Perspective Real-time Usability Perspective
- Job Market Perspective

#### Real-time Benefits of Big Data Analytics:

There has been an enormous growth in the field of Big Data analytics with the benefits of the technology. This has led to the use of big data in multiple industries ranging from

- Banking
- Healthcare
- Energy
- Technology
- Consumer
- Manufacturing

There are many other industries which use big data analytics. Banking is seen as the field making the maximum use of Big Data Analytics. The education sector is also making use of data analytics in a big way. There are new options for research and analysis using data analytics. The institutional data can be used for innovations by technical tools available today. Due to immense opportunities, Data analytics has become an attractive option to study for students as well.



#### Job Opportunities and Big Data Analytics:

With huge interest and investment in the Big Data technologies, the professionals carrying the skills of big data analytics are in huge demand. The organizations pay attractive incentives and packages for qualified professionals. The IT professionals like engineers and data administrators can learn the analytics tools for a promising career. In different domains of industry, the nature of the job differs and so does the requirement of the industry. Since analytics is the emerging in every field, the workforce needs are equally enormous. The job titles may include Big Data Analyst, Big Data Engineer, Business Intelligence Consultants, Solution Architect, etc. Moreover, some certifications can help in showcasing the talent and skills. The knowledge and experience of Big Data analytics can provide an edge over others.

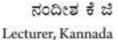
#### Conclusion:

The importance of big data analytics leads to intense competition and increased demand for big data professionals. Data Science and Analytics is an evolving field with huge potential. Data analytics help in analyzing the value chain of business and gain insights. The use of analytics can enhance the industry knowledge of the analysts. Data analytics experts provide the organizations a chance to learn about the opportunities for the business. There are huge requirements and significance of big data analytics in different fields and industries. Hence, it becomes essential for a professional to keep oneself abreast of these techniques. At the same time, the companies can gain a lot by using these analytics tools correctly.

"I am not smart, I pay attention. I am not considerate, I listen. I am not patient, I make time. I'm not lucky, I work hard."

Mark W Boyer

## ಉತ್ತಮ ಸಮಾಜ ನಿರ್ಮಿಸುವಲ್ಲಿ ಯುವಜನತೆಯ ಪಾತ್ರ.





ಸ್ನೇಹಿತರೆ, ನಾವು ಪ್ರತಿನಿತ್ಯ ದಿನಪತ್ರಿಕೆ, ದೂರದರ್ಶನ, ರೇಡಿಯೋ ವಾರ್ತೆಗಳನ್ನು ನೋಡುತ್ತೇವೆ, ಕೇಳುತ್ತೇವೆ ಪ್ರಸಕ್ತ ವರ್ತವಾನಗಳ ಬಗ್ಗೆ ತಿಳಿದುಕೊಳ್ಳುತ್ತೇವೆ. ಅದರಲ್ಲಿ ನಮಗೆ ಕಾಣಸಿಗುವ ಸಾಮಾನ್ಯ ವಿಷಯಗಳೆಂದರೆ, ಕೊಲೆ, ಸುಲಿಗೆ, ಅತ್ಯಾಚಾರ, ಲಂಚತನ, ಕಳ್ಳತನ, ನಕಲಿ ನೋಟುಗಳ ಜಾಲ, ಹೀಗೆ ನೋಡುತ್ತಾ ಹೋದರೆ ಒಂದಲ್ಲ ಎರಡಲ್ಲ ಈ ತರಹದ ಸುದ್ದಿಗಳನ್ನು ಗಮನಿಸುತ್ತಾ ಬಂದಿದ್ದೇವೆ. ಇವುಗಳೆಲ್ಲದರ ಕುರಿತು ನಾವು ಕೂಲಂಕುಷವಾಗಿ ಚಿಂತಿಸಿದರೆ ನಮ್ಮ ಸಮಾಜ ತನ್ನ ಅತಿಯಾದ ಆಶೆ, ವ್ಯಾಮೋಹ, ಭೋಗ ಹಾಗೂ ಸ್ವಾರ್ಥ ಜೀವನಕ್ಕಾಗಿ ನೈತಿಕತೆಯನ್ನು ಬದಿಗೊತ್ತಿ, ಮಾನವೀಯ ಮೌಲ್ಯಗಳನ್ನು ಮರೆತು ತನ್ನೆಲ್ಲಾ ಆಶೆ ಆಕಾಂಕ್ಷೆಗಳನ್ನು ಈಡೇರಿಸಿಕೊಳ್ಳಲು ಹೀನ ಸ್ಥಿತಿಗೆ ಬಂದು ನಿಂತಿರುವುದು ಇಡೀ ಮನುಜ ಕುಲಕ್ಕೆ ಅವಮಾನಕರ ಸಂಗತಿಯಾಗಿದೆ. ಆಲ್ಲದೇ ಈ ಪರಿಸ್ಥಿತಿಗೆ ನಾವು ಸಹ ಭಾಗೀದಾರರಾಗಿದ್ದೀವಿಯೇನೋ ಎಂಬ ಅನುಮಾನ ವ್ಯಕ್ತವಾಗುತ್ತದೆ.

ನಾವೆಲ್ಲ ಚಿಕ್ಕವರಿದ್ದಾಗ 'ಗೋವಿನ ಹಾಡು' ಕತೆ ಕೇಳಿ ಬೆಳೆದವರು ಶಾಲೆಯಲ್ಲಿ ನಮ್ಮ ಶಿಕ್ಷಕರು ಆ ಪದ್ಯವನ್ನು ಹೇಳಿ, ವಿವರಣೆ ಮಾಡುತ್ತಿದ್ದರೆ, ನಮ್ಮ ಕಣ್ಣಾಲಿಗಳು ನಮಗೆ ಗೊತ್ತಿಲ್ಲದೇ ಒದ್ದೆಯಾಗುತ್ತಿದ್ದವು. ಅಂದರೆ, ಎಲ್ಲರಲ್ಲೂ ಮನಸ್ಸು, ಮಾನವೀಯ ಅಂತಃಕರಣ ಎಂಬುದು ಇದ್ದೇ ಇರುತ್ತದೆ. ಅದನ್ನು ನಾವು ಯಾವ ಕಡೆ ಕೇಂದ್ರೀಕರಿಸುತ್ತವೆಯೋ ಅದು ಅತ್ತ ಕಡೆಗೆ ವಾಲುತ್ತದೆ. ಇದಕ್ಕೆ ಉದಾಹರಣೆಯಂಬಂತೆ. 'ಎರಡು ಗಿಳಿಗಳು' ಎಂಬ ಕತೆ ಕೇಳಿದರೆ, ಅದರಲ್ಲಿ ಒಬ್ಬ ಸಚ್ಛಾರಿತ್ರ್ಯವಂತನ ಹತ್ತಿರ ಬೆಳೆದ ಗಿಳಿ ಮನೆಗೆ ಬಂದವರನ್ನು ಹೇಗೆ ಮಧುರವಾಗಿ ಒಳ್ಳೆಯ ಮಾತನಾಡಿ ಸತ್ಕರಿಸುತ್ತಿತ್ತು. ಹಾಗೂ ಒಬ್ಬ ಕಟುಕನ ಹತ್ತಿರ ಬೆಳೆದ ಗಿಳಿ ಮನೆಗೆ ಬಂದವರನ್ನು ಹೇಗೆ ಕಠೋರವಾಗಿ ಒಡಿ,

ಬಡಿ, ಕೊಲ್ಲು ಎಂದು ಮಾತನಾಡಿ ಸತ್ಕರಿಸುತ್ತಿತ್ತು ಎಂಬುದು ನಮಗೆ ತಿಳಿದೇ ಇದೆ. ಇದರಲ್ಲಿ ನಾವು ತಿಳಿಯಬೇಕಾದ ಅಂಶವೆಂದರೆ, ನಾವು ಹೊಲವನ್ನು ಉಳುಮೆ ಮಾಡಿ ಹೇಗೆ ಭಿತ್ತನೆ ಮಾಡುತ್ತೇವೋ ಹಾಗೆಯೇ ಫಲ ಸಿಗುವುದು ಎಂಬುದು. ಆದರಂತೆ ಮೋಷಕರಾದ ನಾವು ಮಕ್ಕಳಿಗೆ ಜನ್ಮ ನೀಡಿದರೆ ಸಾಲದು ಅವರು ದೇಶದ ಒಬ್ಬ ಮಾನವೀಯ ಮೌಲ್ಯವುಳ್ಳ ಸುಸಂಸ್ಕೃತ ನಾಗರೀಕನನ್ನಾಗಿ ಮಾಡುವುದು ನಮ್ಮ ನಿಮ್ಮೆಲ್ಲರ ಜವಬ್ದಾರಿಯಾಗಬೇಕು.

'ಗಿಡವಾಗಿ ಬಗ್ಗದ್ದು ಮರವಾಗಿ ಬಗ್ಗಲಾರದು', 'ಬೆಳೆಯುವ ಸಿರಿ ಮೊಳಕೆಯಲ್ಲಿ' ಎಂಬ ಈ ನಾಣ್ಣುಡಿಗಳಂತೆ, ಮೊದಲು ನಮ್ಮ ನಮ್ಮ ಮನೆಗಳಲ್ಲಿ ನಮ್ಮ ಮಕ್ಕಳಿಂದಲೇ ಈ ಬದಲಾವಣೆ ತರಬೇಕು. ಏಕೆಂದರೆ, ಮನೆಯೇ ಮೊದಲ ಪಾಠಶಾಲೆಯಾದ್ದರಿಂದ, ಗುರು-ಹಿರಿಯರಲ್ಲಿ ಭಕ್ತಿ, ಗೌರವ, ಕಿರಿಯರಲ್ಲಿ ಆದರಣೀಯ ಗುಣ, ನಮ್ಮ ನಾಡು, ದೇಶ, ಭಾಷೆಯ ಬಗ್ಗೆ ಅವರಿಗೆ ಗೌರವ ಕೊಡುವುದನ್ನು ಕಲಿಸಬೇಕು. ಮೊದಲು ಮಕ್ಕಳನ್ನು ಸುಸಂಸ್ಕೃತರಾಗಿ. ನೀತಿವಂತರಾಗಿ ಪ್ರಜ್ಞಾವಂತರಾಗಿ, ಮೌಲ್ಯಯುತವಾಗಿ ಬದುಕುವುದಕ್ಕೆ ನಾವು ವಿನು ಮಾಡಬೇಕು ಎಂಬುದನ್ನು ತಿಳಿದು ಅದನ್ನು ಅವರಿಗೆ ಕಲಿಸಬೇಕು. ಇದನ್ನು ಅವರಿಗೆ ಹೇಳುವ ಮೊದಲು ನಾವು ಇವುಗಳನ್ನು ಶ್ರದ್ದೆಯಿಂದ ಪಾಲಿಸಬೇಕು. ಸಮಾಜದಲ್ಲಿ ಒಳ್ಳೆಯದು ಯಾವುದು? ಕೆಟ್ಟದ್ದು ಯಾವುದು? ಸತ್ಯ. ಧರ್ಮ, ನ್ಯಾಯ, ನೀತಿ, ಅನ್ಯಾಯ ಇವುಗಳ ಕುರಿತು ಅವರು ಸಣ್ಣ ಮಗುವಾಗಿದ್ದಾಗಿಂದಲೇ ಅದನ್ನು ಅವರಿಗೆ ತಿಳಿಸಬೇಕು. ಸಮಾಜದಲ್ಲಿ ನಡೆಯುವ ಪ್ರತಿಯೊಂದು ಒಳ್ಳೆಯ ಮತ್ತು ಕೆಟ್ಟ ಘಟನೆಗಳ ಬಗ್ಗೆ ಅವರಲ್ಲಿ ಅರಿವನ್ನು ಮೂಡಿಸಬೇಕು. ಸಮಾಜದಲ್ಲಿ ನಡೆಯುವ ಕೊಲೆ, ಸುಲಿಗೆ, ಅತ್ಯಾಚಾರ, ಲಂಚತನ. ಕಳ್ಳತನ ಇವುಗಳ ಬಗ್ಗೆ ಅವರಲ್ಲಿ ಪ್ರಜ್ಞೆ ಬೆಳೆಸಿ.

ಇವುಗಳನ್ನು ವಿರೋಧಿಸುವಂತಹ ಧೈರ್ಯವನ್ನು ಬೆಳೆಸಿ. ಒಳ್ಳೆಯದಕ್ಕೆ ತಲೆಬಾಗುವ, ಕೆಟ್ಟದ್ದಕ್ಕೆ ವಿರೋಧಿಸುವ ನೈತಿಕ ಶಿಕ್ಷಣವನ್ನು ಅವರಿಗೆ ನಾವು ನೀಡಬೇಕು.

ಯಾವುದೇ ಒಬ್ಬ ಮನುಷ್ಯ ಜಾತಿ, ಧರ್ಮ, ಬಡವ, ಶ್ರೀಮಂತ ಎಂಬ ಎಲ್ಲೆಗಳನ್ನು ಮೀರಿ ನೀತಿವಂತರಾಗಿ ರೂಪಗೊಳ್ಳಬೇಕು. ಏಕೆಂದರೆ ನೀತಿವಂತರಿಂದ ಮಾತ್ರ ಸ್ವಾಸ್ತ್ರ ಸಮಾಜ ನಿರ್ಮಾಣ ಮಾಡಲು ಸಾಧ್ಯ ಇಲ್ಲದಿದ್ದಲ್ಲಿ. ಸಮಾಜದ ಸ್ವಾಸ್ಟ್ಯ ಕೆಟ್ರಹೋಗುತ್ತದೆ. ನಾವು ಜನಿಸಿದ ಮೇಲೆ ಮರಣಿಸುವವರೆಗೆ ಸಮಾಜಕ್ಕೆ ಏನಾದರೂ ಒಂದು ಸಣ್ಣ ಉಡುಗೊರೆಯನ್ನಾದರೂ ಕೊಡಬಹುದಲ್ಲವೇ? ಆ ಉಡುಗೊರೆಯಿಂಬುದು ನಮ್ಮ ಪ್ರತಿಷ್ಠೆಯಲ್ಲ. ಆದು ಬಡವನಿಂದಲೂ ಕೊಡಬಹುದು. ಶೀಮಂತನಿಂದಲೂ ಕೊಡಬಹುದು ಅದೆಂದರೆ. ನಾವು ಸಮಾಜಕ್ಕೆ ನೈತಿಕ ಶಿಕ್ಷಣವನ್ನು ಹೇಳಿಕೊಡುವುದು. ಇದನ್ನು ಕೇವಲ ತಿಕ್ಷಕರೆ ಹೇಳಿಕೊಡಬೇಕೆಂದಿಲ್ಲ. ಇದರಲ್ಲಿ ಎಲ್ಲರ ಪಾತ್ರವೂ ಇರುತ್ತದೆ. ಪತ್ರಿಕೆಗಳಲ್ಲಿ ಅಂಕಣ ಬರೆಯುವುದು, ದೂರದರ್ಶನ, ರೇಡಿಯೋಗಳಲ್ಲಿ ನೈತಿಕ ಶಿಕ್ಷಣದ ಪ್ರಚಾರ ಮಾಡುವುದರ ಮೂಲಕ ಸಮಾಜದಲ್ಲಿ ಎಲ್ಲರನ್ನು ಸಚ್ಚಾರಿತ್ವರನ್ನಾಗಿ ಮಾಡಬಹುದು. ಇದು ಪ್ರತಿಯೊಬ್ಬರ ಜವಬ್ದಾರಿ.

ನಾವು ನಮ್ಮ ಮಕ್ಕಳಿಗೆ ಮಾದರಿಯಾದರೆ, ಅವರು ಸಮಾಜಕ್ಕೆ ಮಾದರಿಯಾಗುತ್ತಾರೆ. ನಾವು ನಿರ್ಮಿಸಿದ ಯುವ ಜನತೆಗೆ ಹೇಗಿರಬೇಕೆಂದರೆ, ನೀತಿವಂತ ಯುವ ಜನರು ನಿರ್ಮಾಣವಾದರೆ, ಅದು ಮೌಲ್ಯಯುತ ಸಮಾಜ ನಿರ್ಮಾಣಕ್ಕೆ ಸುಭದ್ರ ಅಡಿಪಾಯವಾಗುತ್ತದೆ ಎಂಬುಂದು ಎಲ್ಲರ ಅಭಿಪ್ರಾಯ. ನಮ್ಮ ಹಿರಿಯರು ಹೇಳಿರುವ ಹಾಗೆ ಈ ಜಗತ್ತಿನಲ್ಲಿ ಎನನ್ನಾದರೂ ಬದಲಿಸುವ ಶಕ್ತಿ ಯುವಕರಿಗೆ. ಈ ಹದಗೆಟ್ಟ ಸಮಾಜವನ್ನು ರಾತ್ರೋರಾತ್ರಿ ಸರಿ ದಾರಿಗೆ ತರಲು ಸಾಧ್ಯವಿಲ್ಲದಿದ್ದರೂ, ಯುವ ಜನತೆ ಮನಸ್ಸು ಮಾಡಿದರೆ ಅದನ್ನು ಅವರ ಪರಿಶ್ರಮದಿಂದ ನೀತಿವಂತ, ಸ್ವಸ್ತ ಸಮಾಜವನ್ನಾಗಿ ಪರಿವರ್ತಿಸಬಹುದು.

ನಮ್ಮ ಯುವ ಜನತೆ, ಸತ್ಯ, ನ್ಯಾಯ, ನೀತಿ, ಧರ್ಮ, ಮಾನವೀಯ ಮೌಲ್ಯಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ನಮ್ಮ ಜನ್ಮಭೂಮಿಗೆ ತಮ್ಮ ಶಕ್ತಾಮಸಾರ ಏನನ್ನಾದರೂ ಋಣ ತೀರಿಸಬೇಕೆಂಬ ಸಂಕಲ್ಪ ಮಾಡಬೇಕು. ಇಂತಹ ಸನ್ನಡತೆಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡ ಯುವ ಸಮೂಹ ದೊಡ್ಡವರಾದ ಮೇಲೆ ಸಮಾಜವನ್ನು ವಂಚಿಸುವಂತಹ ಕೆಲಸಕ್ಕೆ ಕೈಜೋಡಿಸುವುದಿಲ್ಲ. ಲಂಚದಂತಹ ಹೇಸಿಗೆ ಕೆಲಸವನ್ನು ಎಂದಿಗೂ ಮಾಡುವುದಿಲ್ಲ. ಅತ್ಯಾಚಾರದಂತಹ ವಿಕೃತ ಮನಸನ್ನು ಹೊಂದುವುದಿಲ್ಲ. ಸಾಮಾಜಿಕ ಹಿತಾಶಕ್ತಿಗೆ ಧಕ್ಕೆ ತರುವಂತಹ ಕೆಲಸಕ್ಕೆ ಕೈ ಹಾಕುವುದಿಲ್ಲ. ಮಂದಿರ ಮಸೀದಿಯನ್ನು ಕೆಡವುವಂತಹ ಮನೋಭಾವನೆ ತಾಳುವುದಿಲ್ಲ. ಇಂತಹ ಘಟನೆಗಳು ನಡೆದರೆ ಸ್ವತಃ ಅವರೆ ಪ್ರತಿಭಟಿಸಿ. ವಿರೋಧಿಸಿ ಅಂತಹವರಿಗೆ ಬುದ್ದಿ ಹೇಳುವ ನೈತಿಕತೆಯನ್ನು ಹೊಂದಿ ಸಮಾಜವನ್ನು ಉತ್ತಮ ಸ್ಥಿತಿಗೆ ಕೊಂಡೊಯ್ಯುತ್ತಾರೆ. ಈಗಲೂ ಸಹ ಎಲ್ಲೋ ಎಲೆಮರೆ ಕಾಯಿಯಂತೆ ಇಂತಹ ನೂರಾರು ಯುವ ಸಮೂಹ ನಮ್ಮ ನಿಮ್ಮೆಲ್ಲರ ನಡುವೆ ಕಾಣಸಿಗುತ್ತಾರೆ.

ನನ್ನ ಜೀವನದಲ್ಲಿ ನನಗೆ ಇಷ್ಟವಾದ ವಾಕ್ಯವೆಂದರೆ.

"ಏನಾದರೂ ಸರಿಯೇ ಮೊದಲು ಮಾನವನಾಗು" ಎಂಬಂತೆ ನಾವೆಲ್ಲರೂ ಮಾನವರಾಗೋಣ. ಅಯ್ಯೋ! ಇದೇನು ಈಗ ನಾವೆಲ್ಲರೂ ಮಾನವರಲ್ಲವೇ ಎಂಬ ಅನುಮಾನ ಬೇಡ ಈಗಲೂ ನಾವು ಮಾನವರೇ, ಆದರೆ ಅಂತಃಕರಣವುಳ್ಳ, ಅನ್ಯರ ಕಷ್ಟಕ್ಕೆ ಮಿಡಿಯುವ. ಸ್ಪಂದಿಸುವ ಸಹೃದಯರಾಗೋಣ. ಸಮಾಜದಲ್ಲಿ ಒಳ್ಳೆಯದಕ್ಕೆ ಯಾವಾಗಲೂ ತಲೆ ಬಾಗೋಣ ಆದರೆ ಕೆಟ್ಟದ್ದನ್ನು ವಿರೋಧಿಸಲು ತಲೆ ಎತ್ತಿ ನಿಲ್ಲೋಣ. ಇದು ಯುವಕರಿಂದ ಮಾತ್ರ ಸಾಧ್ಯ ಅಂತಹ ಬದುಕನ್ನು ಬದುಕಿ ಸಾಮಾಜಿಕ ಪಿಡುಗುಗಳನ್ನು ನಾಶ ಮಾಡಿ, ಸ್ವಚ್ಛ, ಸುಸಂಸ್ಕೃತ ಸಮಾಜ ನಿರ್ಮಿಸೋಣ.

ಜೈ ಯುವಶಕ್ತಿ.

#### ಯೋಗದಿಂದ ಸುಯೋಗ

ಜೀವನವನ್ನು ಹಸನುಗೊಳಿಸಲು ಪ್ರಾಚೀನ ಕಾಲದಿಂದಲೂ ಯಷ್ಟಿಗಳು ಪ್ರಬಲವಾದ ಸಾಧನವನ್ನು ನಮಗೆ ನೀಡಿದ್ದಾರೆ. ಅದೇ ಯೋಗ. ಯೋಗ ಎನ್ನುವುದು ಭಾರತೀಯರಿಗೆ ಪರಂಪರಾಗತವಾಗಿ ಬಂದ ಉಡುಗೊರೆ. ಮನುಷ್ಯನು ತನ್ನಲ್ಲೆ ಇರುವ ಪ್ರಬಲ ಸಾಮರ್ಥ್ಯವನ್ನು ಪ್ರಚುರಪಡಿಸಲು ನೆರವಾಗುವ ಈ ಯೋಗವು, ಆತನು ತನ್ನ ಶಕ್ತಿಯನ್ನು ಅರಿಯಲು ಅಗತ್ಯವಾದ ಮಾಧ್ಯಮ. ಮನಸ್ಸನ್ನು ಹಿಡಿತದಲ್ಲಿಟ್ಟುಕೊಂಡು ನಮ್ಮ ದೈಹಿಕ ಮತ್ತು ಮಾನಸಿಕ ಶಕ್ತಿಯನ್ನು ಗುರಿಯಡೆಗೆ ಸಮರ್ಪಕವಾಗಿ ಬಳಸಿಕೊಳ್ಳಲು ಯೋಗ ಬಹು ಸಾಧನವಾಗಿದೆ.

#### ಯೋಗದ ಮಹತ್ವ:

ಬಹುತೇಕ ಜನರು ಯೋಗ ಎಂದರೆ ಕೇವಲ ದೈಹಿಕ ವ್ಯಾಯಾಮ ಎಂದಷ್ಟೆ ಭಾವಿಸಿದ್ದಾರೆ. ಆದರೆ ಯೋಗವು ದೇಹ ಹಾಗೂ ಮನಸ್ಸುಗಳನ್ನು ಬೆಸೆಯುವ ಆಧ್ಯಾತ್ಮಿಕ ಪ್ರಕ್ರಿಯೆ. ಮನುಷ್ಯನಲ್ಲಿ ಕೋಪ, ತಾಪ, ಸುಖ-ಸಂತೋಷ, ದುಃಖ, ಹಾತೊರೆಯುವಿಕೆ, ಹತಾಶೆ, ತಮ್ಮ-ಒಮ್ಮ, ನಂಬಿಕೆ, ಅವಿಶ್ವಾಸ, ದೃಢತೆ, ಒಳ್ಳೆಯವ, ಕೆಟ್ಟವ ಇತ್ಯಾದಿ ಭಾವನೆಗಳು ಸಾಮಾನ್ಯ. ಹಾಗಾಗಿ ಕೀಳರಿಮೆ, ಮೇಲರಿಮೆಗಳಂತಹ ಭಾವನೆಗಳು ಅಳಿದು, ಮೇಲ್ಮಟ್ಟದ ಶಾರೀರಿಕ, ಮಾನಸಿಕ ಸದೃಢತೆಯ ಭಾವನೆಗಳು ಮಾನವನಲ್ಲಿ ಅವತರಿಸಲು ಈ ಯೋಗವು ಪರಿಪೂರ್ಣವಾಗಿ ಸಹಕರಿಸುತ್ತದೆ. ಯೋಗಕ್ಕೆ ಯಾವುದೇ ಮಿತಿ ಇಲ್ಲ. ಚಿಕ್ಕಮಕ್ಕಳಿಂದ ಹಿಡಿದು ವೃದ್ಧರವರೆಗೆ ಯಾರು ಬೇಕಾದರೂ ಮಾಡಬಹುದು. ಆದು ಆರೋಗ್ಯವಿಮೆಯ ಪಾಸ್ಪೋರ್ಟ್ ಇದ್ದಂತೆ.

#### ಯೋಗದ ಪ್ರಯೋಜನಗಳು:

- ಯೋಗವು ಶರೀರವನ್ನು ಬಲಯುತಗೊಳಿಸುತ್ತದೆ, ಶರೀರದ ರೋಗ ನಿರೋಧಕ ಶಕ್ತಿಯನ್ನು ಪ್ರಬಲಗೊಳಿಸುತ್ತದೆ.
- ಶರೀರದ ಎಲ್ಲಾ ಮಾಂಸಖಂಡಗಳನ್ನು ಬಲಯುತಗೊಳಿಸುತ್ತದೆ ಹಾಗೂ ಅಂಗವ್ಯೂಹವನ್ನು ಬಲಯುತಗೊಳಿಸುತ್ತದೆ.

- ದೇಹದ ಪ್ರತಿಯೊಂದು ಭಾಗಕ್ಕೂ ಸರಿಯಾದ ರಕ್ತ ಸಂಚಾರ ಮಾಡುವುದು, ಶ್ವಾಸಕೋಶ, ಜೀರ್ಣಾಂಗವ್ಯೂಹ, ಹೃದಯ ನರಮಂಡಲ, ಮೆದುಳು ಇತ್ಯಾದಿ ಎಲ್ಲ ಅಂಗಗಳ ಚಟುವಟಿಕೆಗಳನ್ನು ಚುರುಕುಗೂಳಿಸುತ್ತದೆ.
- ದೇಹದ ಸೌಂದರ್ಯವನ್ನು ಹೆಚ್ಚಿಸುತ್ತದೆ.
- ಯೋಗವು ಮನಸ್ಸನ್ನು ಪ್ರಶಾಂತಗೊಳಿಸಿ, ಆಹ್ಲಾದಕರಗೊಳಿಸುತ್ತದೆ.
- ಧನಾತ್ಮಕ ಭಾವನೆಗಳ ಬೆಳವಣಿಗೆಗೆ ಸಹಾಯ ಮಾಡುತ್ತದೆ. ಋಣಾತ್ಮಕ ಭಾವನೆಗಳನ್ನು ಅಳಿಸಿ ಮಾನಸಿಕ ಸ್ಥಿರತೆಯನ್ನು ತಂದುಕೊಡುತ್ತದೆ.

#### ವಿಶ್ರಯೋಗ ದಿನ:

ಭಾರತದ ಪ್ರಧಾನಮಂತ್ರಿ ಶ್ರೀ ನರೇಂದ್ರಮೋದಿಯವರು. 2014ರ ಸೆಪ್ರೆಂಬರ್ 27ರಂದು ವಿಶ್ವ ಸಂಸ್ಥೆಯ ಸಾಮಾನ್ಯ ಸಭೆಯನ್ನುದ್ದೇಶಿಸಿ ಯೋಗದ ಕುರಿತಾಗಿ ಮಾತನಾಡಿ. ಯೋಗದ ಮಹತ್ತವನ್ನು ತಿಳಿಹೇಳಿದ್ದರು. ಜೂನ್ 21ರಂದು ಯೋಗದಿನವನ್ನು ಆಚರಿಸುವ ಬಗ್ಗೆ 2014ರ ಡಿಸೆಂಬರ್ 11ರಂದು ವಿಶ್ವಸಂಸ್ಥೆಯ ಸಾಮಾನ್ಯ ಸಭೆಯಲ್ಲಿ ಘೋಷಿಸಲಾಯಿತು. ವಿಶ್ವಸಂಸ್ಥೆಯ ಸರಿ ಸುಮಾರು 177 ರಾಷ್ಟ್ರಗಳು ಈ ಪ್ರಸ್ತಾವನೆಗೆ ತಮ್ಮ ಸಂಪೂರ್ಣ ಬೆಂಬಲ ಘೋಷಿಸಿದವು. ಪ್ರತಿ ವರ್ಷ 'ಆಯನ ಸಂಕ್ರಾಂತಿ'ಯ ದಿನವಾದ ಜೂನ್ 21ರಂದು, ವಿಶ್ವದಾದ್ಯಂತ 'ವಿಶ್ವಯೋಗ ದಿನ'ವನ್ನು ಆಚರಿಸಲಾಗುತ್ತದೆ. ತತ್ವಜ್ಞಾನಿಯಾದ ಸಾಕ್ತಿಟೀಸನು ಹೇಳುವಂತೆ, 'ಸ್ವಸ್ಥ ಶರೀರದಲ್ಲಿ ಸ್ವಸ್ಥ ಮನಸ್ಸು ನೆಲೆಸಿರುತ್ತದೆ', ಉತ್ತಮ ಆರೋಗ್ಯ ಹಾಗೂ ಮನಸ್ಥಿತಿಗಾಗಿ ನಮ್ಮ ಜೀವನದಲ್ಲಿ ಯೋಗವನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳೋಣ. ಆರೋಗ್ಯವಂತರಾಗಿ ಬಾಳಲು ಅನುವಾಗೋಣ. ಯೋಗದ ಮೂಲಕ ನಮ್ಮ ಮನಸ್ಸು ವಿಕಾಸವಾಗಲಿ.

> ಗುರುಪ್ರಸಾದ್ ಕೆ ಎನ್ AP, Dept. of ECE



## ಜೀವನದಲ್ಲಿ ಮಾತಿನ ಮಹತ್ವ

ಸಿ. ಚಂದ್ರಶೇಖರ್ Lecturer, Dept. of Humanities



"ಮಾತು ಆಡಿದರೆ ಹೋಯಿತು", ಸಮಾಜದ ಮಧ್ಯೆ ಬದುಕುವ ನಾವು ಸಮಾಜದಲ್ಲಿರುವ ಅಂಕು-ಡೊಂಕುಗಳ ಕುರಿತು ತಲೆಕೆಡಿಸಿಕೊಳ್ಳದೆ, ನಮ್ಮದೇ ಆದ ಉತ್ತಮ ವೃಕ್ತಿತ್ವ ರೂಪಿಸಿಕೊಂಡು ನಾಲ್ಕಾರು ಉತ್ತಮರಿಂದ ಸರಿ ಎನಿಸಿಕೊಂಡು ಬದುಕಬೇಕು.

ಪ್ರತಿಯೊಬ್ಬ ವ್ಯಕ್ತಿ ಮತ್ತು ಸಮಾಜದ ನಡುವೆ ಸ್ಯ ಎನಿಸಿಕೊಂಡು ಬದುಕಬೇಕಾದರೆ ನಮ್ಮ ವ್ಯಕ್ತಿತ್ವ ನಡೆ ನುಡಿಗಳು ಬಹಳ ಮುಖ್ಯ. "ಮಾತು ಮನೆ ಕೆಡಿಸ್ತು ತೂತು ಒಲೆ ಕೆಡಿಸ್ತು" ಅನ್ನೊ ಗಾದೆ ಮಾತು ನೆನಪಿರಬೇಕಲ್ಪ, ನಾವು ಆಡುವ ಪ್ರತಿ ಮಾತು ಆಲೋಚನೆ ಮತ್ತು ವಿವೇಚನೆಯಿಂದ ಕೂಡಿರಬೇಕು. ಇಲ್ಲದಿದ್ದರೆ ಅದು ಅಪಾರ್ಥಕ್ಕೆ ಮತ್ತು ಅನರ್ಥಕ್ಕೆ. ಕಾರಣವಾಗಬಹುದು.

ನಾವು ಬಳಸುವ ಭಾಷೆ ಒಂದು ಪರಿಣಾಮಕಾರಿ ಸಂವಹನದ ಸೂಚಕ, ಅದು ಒಂದು ಸಮಾಜವನ್ನು ಅಥವಾ ಕುಟುಂಬವನ್ನು ಕಟ್ಟಲೂಬಹುದು, ಇಲ್ಲವೇ ವಿನಾಶಕ್ಕೆ ಕಾರಣವೂ ಆಗಬಹುದು, ಆದ್ದರಿಂದ ನಾವು ಆಡುವ ಮಾತಿನ ಬಗ್ಗೆ ಸದಾ ಎಚ್ಚರದಿಂದಿರಬೇಕು.

ಸಾಮಾನ್ಯವಾಗಿ ಬಳಕೆ ಮಾಡುವ ಪದಗಳನ್ನು ನಮ್ಮ ಮಾತಿನಲ್ಲಿ ಬಳಸಿದರೆ ಅದು ಸ್ವಷ್ಟವಾಗಿ ಅರ್ಥ ನಿಡುತ್ತದೆ. ಮಾತಿನಲ್ಲಿ ನಿಪುಣರಿರುವವರು ತಮಚ್ಛಿ ಅದ್ಭುತ ಮತ್ತು ಚಮತ್ಕಾರಿ ಮಾತುಗಳಿಂದಲೇ ಜನರ ಮನಸ್ಸು ಗೆಲ್ಲುತ್ತಾರೆ.

ಮಾತುಗಳ ಮೇಲೆ ಹಿಡಿತವಿಲ್ಲದ ವ್ಯಕ್ತಿಯನ್ನು ಯಾರು ಗೌರವಿಸಲಾರರು, "ಮಾತು ಬೆಳ್ಳಿ ಮೌನ ಬಂಗಾರ" ಎನ್ನುತ್ತಾರೆ, ಹಾಗಂತ ಮಾತನಾಡದೆ ಇರಲೂ ಆಗದು. ನಮ್ಮ ತೂಕದ ಮಾತುಗಳಿಂದ ನಮ್ಮ ಘನತೆ-ಗೌರವವೂ ಹೆಚ್ಚುತ್ತದೆ.

ಒಬ್ಬ ಉತ್ತಮ ಭಾಷಣಕಾರನಾಗಬೇಕಾದರೆ, ಅವನಿಗೆ ಉತ್ತಮವಾದ ಪದಗಳ ಪರಿಚಯವಿರಬೇಕು, ಉತ್ತಮ ಪದಗಳಿದ್ದರೆ ಸಾಲದು. ಅದನ್ನು ಸರಿಯಾಗಿ ಉಚ್ಚರಿಸುವುದು ಬಹಳ ಮುಖ್ಯ ನಮ್ಮ ಸುಸಂಸ್ಕೃತ ಶೈಲಿಯ ಮಾತುಗಳು ಎಲ್ಲರನ್ನು ಆಕರ್ಷಿಸಿ ಅವರ ಮೆಚ್ಚುಗೆಗೆ ಪಾತ್ರವಾಗುತ್ತದೆ.

ಪರಿಣಾಮಕಾರಿ ಪದಗಳ ಬಳಕೆ ಒಂದು ಕುಶಲತೆ, ಮನಸ್ಸಿಗೆ ಮುದನೀಡುವ, ಶಾಂತಿಯನ್ನು ಪಸರಿಸುವ ಒಂದು ಮಾತು, ಸಾವಿರ ಪೊಳ್ಳು ಮಾತುಗಳಿಗಿಂತ ಮಿಗಿಲು, ಅನೇಕ ಸಂದರ್ಭಗಳಲ್ಲಿ "ಮಾತೇ ಮುತ್ತು ಮಾತೇ ಮೃತ್ಯುವಾಗಬಲ್ಲದು", ಸದಾ ವಿವೇಚನೆಯಿಂದ ಮಾತನಾಡಿದರೆ ಸಾಮರಸ್ಯದ ಬದುಕು ನಮ್ಮದಾಗುತ್ತದೆ.

ನಮ್ಮಲ್ಲಿ ಜ್ಞಾನ ಭಂಡಾರವನ್ನು ಹೆಚ್ಚಿಸಿಕೊಂಡಾಗ, ನಮ್ಮಲ್ಲಿ ಮಾಹಿತಿ ಮತ್ತು ಶಬ್ದಗಳ ಕೊರತೆಯಿಲ್ಲದೆ, ಎಂತದೆ ಪರಿಸ್ಥಿತಿಯಲ್ಲೂ ನಿರರ್ಗಳವಾಗಿ ನಿಸ್ತಂಕೋಚವಾಗಿ ನಿರ್ಭೀತಿಯಿಂದ ಮಾತನಾಡಬಹುದು, ನಮ್ಮ ಮಸ್ತಕದಲ್ಲಿ ಶಬ್ದಭಂಡಾರದ ಅಭಿವೃದ್ಧಿಯಾಗಲು ನಾವು ಅತೀ ಹೆಚ್ಚು ಮಸ್ಥಕಗಳನ್ನು ಒದುವ ಹವ್ಯಾಸ ಬೆಳೆಸಿಕೊಳ್ಳಬೇಕು. "ದೇಶ ಸುತ್ತಬೇಕು ಇಲ್ಲವೆ ಕೋಶ ಓದಬೇಕು" ಎನ್ನುವ ಮಾತಿದೆ, ಪ್ರತಿಯೊಬ್ಬ ಮನುಷ್ಯನಿಗೆ ಸಾಮಾಜಿಕ ತಿಳುವಳಿಕೆಗೆ ಅತ್ಯಂತ ಸಹಕಾರಿ ಓದುವ ಹವ್ಯಾಸ. ಇದರಿಂದ ಅವನ ಬುದ್ದಿ ಮತ್ತೆ ಹೆಚ್ಚಾಗುವುದಲ್ಲದೆ, ಅಂತಹ ಅಪ್ರತಿಮ ಬುದ್ದಿ ಶಕ್ತಿಯಿಂದ ಎಂತಹ ಕಠಿಣ ಸಂದರ್ಭಗಳಲ್ಲೂ ಉತ್ತಮ ಮಾತುಗಳ ಮೂಲಕ ಆದನ್ನು ಎದುರಿಸಬಲ್ಲ. ಅಂದು ವಿವೇಕಾನಂದರು ಚಿಕಾಗೋ ಸಮ್ಮೇಳನದಲ್ಲಿ ಆಡಿದ ಮಾತುಗಳು ಇಡೀ ಅಮೇರಿಕಾದ ಜನರನ್ನೇ ಮಂತ್ರಮುಗ್ಗರನ್ನಾಗಿಸಿತ್ತು. ಅವರ ಮಾತುಗಳಿಂದ ಭಾರತದ ಹಿರಿಮೆ ಹೆಚ್ಚಿದ್ದೂ ಅಲ್ಲದೆ ವಿವೇಕಾನಂದರನ್ನು ಅತ್ಯಂತ ಗೌರವದ ಸ್ಥಾನದಲ್ಲಿರಿಸಿತು.

ಯಾವುದೇ ವ್ಯಕ್ತಿ ಸಮಯ-ಸಂದರ್ಭ, ವೃತ್ತಿ ಪರಿಸರ ಎಲ್ಲವನ್ನು ಗಮನದಲ್ಲಿಟ್ಟುಕೊಂಡು ಮಾತನಾಡಬೇಕು. ಎಲ್ಲಿ ಹೆಚ್ಚು ಮಾತನಾಡಬೇಕು. ಎಲ್ಲಿ ಮೌನವಾಗಿರಬೇಕು ಎಂಬ ಸಾಮಾನ್ಯ ಜ್ಞಾನ ಬಳಸಿ ಪರಿಸ್ಥಿತಿಯನ್ನು ನಿಭಾಯಿಸುವಂತಿರಬೇಕು. ಹಾಗಾಗಿಯೇ 12ನೇ ಶತಮಾನದಲ್ಲಿ ವಚನ ಶ್ರೇಷ್ಠ-ಭಕ್ತಿ ಭಂಡಾರಿ ಬಸನಣ್ಣನವರು ತಮ್ಮ ವಚನದಲ್ಲಿ ಮಾತಿನ ಮಹತ್ವವನ್ನು ವರ್ಣಿಸಿದ್ದಾರೆ.

#### kannada articles

"ನುಡಿದರೆ ಮುತ್ತಿನ ಹಾರದಂತಿರಬೇಕು ನುಡಿದರೆ ಮಾಣಿಕೈದ ದೀಪ್ತಿಯಂತಿರಬೇಕು ನುಡಿದರೆ ಸ್ಪಟಿಕದ ಸಲಾಕೆಯಂತಿರಬೇಕು ನುಡಿದರೆ ಲಿಂಗ ಮೆಚ್ಚಿ ಅಹುದೆನಬೇಕು ನುಡಿಯೊಳಗಾಗಿ ನಡೆಯದಿದ್ದರೆ? ಕೂಡಲಸಂಗಮ ದೇವನೆಂತೊಲವನಯ್ಯ॥?.."

ಆದ್ದರಿಂದ ಮನುಷ್ಯನಿಗೆ ಮಾತು ಬಹಳ ಮುಖ್ಯ, ನಾವು ಆಡುವ ಮಾತಿಗೂ ನಮ್ಮ ವ್ಯಕ್ತಿತ್ವಕ್ಕೂ ಹೋಲಿಕೆಯಾಗಬೇಕು. ಮತ್ತೊಬ್ಬರಿಗೆ ಭರವಸೆ ಮಾತುಗಳನ್ನು ನೀಡಿದಾಗ ಅದರಂತೆ ನಡೆದುಕೊಳ್ಳುವ ವ್ಯಕ್ತಿತ್ವವನ್ನು ನಾವು ರೂಪಿಸಿಕೊಳ್ಳಬೇಕು. ನಮ್ಮ ನುಡಿಯೊಂದು ರೀತಿ ನಡೆಯೊಂದು ರೀತಿ ಇದ್ದರೆ ಸಮಾಜ ನಮಗೆ ಗೌರವ ನೀಡಲಾರದು. ನಾವುಗಳು ಎಂದಿಗೂ ಎಂದೆಂದಿಗೂ ಆಡಿದ ಮಾತು ಕೊಟ್ಟ ಭಾಷೆಗೆ ಅನುಗುಣವಾಗಿ ನಡೆದುಕೊಳ್ಳಬೇಕು.

ಸ್ನೇಹಿತರೆ ನಮ್ಮ ಉತ್ತಮವಾದ ಮಾತುಗಳಿಂದ ಕೃತಿಗಳಿಂದ ಈ ಸಮಾಜದಲ್ಲಿ ಉತ್ತಮ ವ್ಯಕ್ತಿತ್ವ ರೂಪಿಸಿಕೊಳ್ಳೋಣ. ಸಮಾಜದಲ್ಲಿ ಶಾಂತಿ–ನೆಮ್ಮದಿಯ ವಾತಾವರಣ ನಿರ್ಮಿಸೋಣ.

#### ನುಡಿಗವನ

ಹೊಡೆತದ ಮೇಲೆ ಹೊಡೆತ ಬಿದ್ದರೆ ಸುಂದರ ಶಿಲೆಯಾಗುವುದು ಕಲ್ಲು.. ಅದೇ ಹೊಡೆತ ಹೆಚ್ಚು ಬಿದ್ದರೇ ಆ ಕಲ್ಲು ಆಗುವುದು ಬರೀ ಮಣ್ಣು...

ಜೀವನವೆಂಬ ಬಂಡೆಯ ಮೇಲೇ ಸತ್ಯದಿಂದ ನಡೆದರೆ ಮುಂದೆ.. ಬರುವುದು ವೇಗದ ಓಟದಲ್ಲೀ ಜ್ವಾಲಾಮುಖ ಅವನ ಹಿಂದೆ...

ಗುರಿಯೆಂಬ ಗಾಜಿನ ತುಂಡು ಆಯಿತು ನುಚ್ಚು ನೂರು.. ಆದರ ಮೇಲೆ ಕುಣಿದರೂ ನಾನು ಅದೇಕೋ ಬರಲಿಲ್ಲ ಸಾವು...

ನ್ಯಾಯದೇವತೆಯ ಕಣ್ಣಾ ಮುಚ್ಚಿ ಕೊಂದಳು ಮನಸ್ಸಾ ಚುಚ್ಚೀ... ಸತ್ಯದಲ್ಲೀ ಏನು ಅಡಗಿದೆ ಅತೀ ದು:ಖವೊಂದನ್ನು ಬಿಟ್ಟರೆ????

## ಹಾಯ್ಕುಗಳು

ಕಂಗಳ ಕಾಂತಿಯಲಿ ಇರುವುದೊಂದು ಪ್ರೀತಿಯ ಮೂಲ ಆ ಪ್ರೀತಿಯ ಮೂಲವು ಯಾವುದೊಂದು ನಾ ತಿಳಿಯದೆ ಹೋದನಲ್ಲ ಜನುಮ ಜನುಮದಲ್ಲೂ ಈ ಪ್ರಶ್ನೆಯೇ ಕಾಡಿತಲ್ಲ ಕೊನೆಗೂ ಅರಿವಾಯಿತು ನನಗೆ ಅದು ಬೇರಾವುದೂ ಅಲ್ಲ ತಾಯಿಯೇ ಎಲ್ಲ ಎಂದು॥

ಕತ್ತಲೆ ಕವಿದಾವು ಬೆಳಕಿಲ್ಲದ ಜಾಗದಲಿ ಹೊಂಬೆಳಕು ಮೂಡ್ಯಾವು ಕಾನನದ ದಾರಿಯಲಿ ಹೊಸ ಜೀವ ಬೆಳಿದಾವು ತಾಯಿಯ ಹಾರೈಕೆಯಲಿ ನನ್ನ ಮನಸು ಹಾಡ್ಯಾವು ಗುಣವಂತನಾಗು ನೀನು ಧರೆಯಲಿ ಎಂದು॥

ಭಾವನೆಯೆಂಬ ಹೂದೋಡದಲಿ ಪ್ರೀತಿಯೆಂಬ ಹೂವು ನೀನಾಗು ಕನಸೆಂಬ ಕಲ್ಪೆನೆಯಲಿ ನಕ್ಷತ್ರವೆಂಬ ಮಿಂಚು ನೀನಾಗು ಸೂರ್ಯನೆಂಬ ಬೆಳಕಿನಲಿ ಕಿರಣವೆಂಬ ನೋಟ ನೀನಾಗು ದಾಂಪತ್ಯವೆಂಬ ಬದುಕಿನಲಿ ಪತಿಯ ಸತಿ ನೀನಾಗು.

– ಮನರ್ವ



ಉತ್ತಮ್ ಕೆ 8th Sem, ECE



#### ಮರೆಯದ ನೆನಮ

ಮರೆತರೂ ಮರೆಯದ ನೆನಪಿನೆರೆಯಲಿ, ಮತ್ತೆ ಮತ್ತೆ ನೆನಪಾಗುವ ನೆನಪಿನ ಹೊರೆಯಲಿ, ಹಾಡುತಲೆ ಇರುವೆನು ಭಾವನೆಗಳ ಭಾಷೆಯ ಅಗಣಿತ ಪರಿಧಿಯಲಿ, ಇನ್ನಾದರು ಅರಿಯದಾಗದ ಭಾವನೆಯ ಭರವಸೆಯನ್ನೇರಿ ಬರಿಗಾಲಲ್ಲಿ ನಡೆಯುತಿರುವೆನು ಬಾರದ ಊರಿನಲಿ

ಬೆಳಗಿನ ಬಿಳ್ಳಿ ಕಿರಣಗಳ ಬೆರಳು ಹಿಡಿದು ಬರುತಿರಲು, ನಲಿಯುತ ನೋಡುತಿವೆ ನವಿಲಿನ ಹಿಂಡು ನಿನ್ನಮ ಕಂಡು, ಆ ಮುಗ್ದ ಮಗುವಿನ ಮುಖದಂತಿರುವ ಮನಸಿನ ಛಾಯೆ, ಎಂದೂ ಕಾಣದ ಮನಸಿನ ಕಣ್ಣುಗಳಿಗೆ ಆಂದು ಮರೆಯದ ಮಾಯೆ.

ಮತ್ತದೆ ಮಳೆಬಿಲ್ಲಿನ ಮಾಯಿಯ ಮನ. ಮನಬಂದಂತೆ ಮರುಕಳಿಸುತ್ತಿರುವ ಮನದ ಮೂಲೆಯ ಮರೆಯದ ಮೊದಲ ಮಾತುಗಳ ಮನವರಿಕೆ.

ತಂದೆ ತಂದ ಆ ತಿಂಡಿ ತಿನಿಸು. ತೋರದ ತೀರಕೆ ಕರೆದೊಯ್ಯುವ ಕನಸು . ತುಂಬಾ ತಿಂದರೂ ತೀರದ ಸೊಗಸು. ಮತ್ತೆ ಬರಲಿ ಮನಸೂರೆ ಗೊಳಿಸುವ ಹಬ್ಬಗಳ ಆ ಖಾಧ್ಯ ತಿನಿಸು. ಜೀವನವೆಂಬ ಏಣಿ

ಜೀವನವೆಂಬ ಏಣಿಗೆ ಮೆಟ್ಟಿಲುಗಳೇ ಇಲ್ಲ. ಹತ್ತುವ ರೀತಿ ಯಾರಿಗೂ ತಿಳಿದೇ ಇಲ್ಲ. ಇನ್ನೊಬ್ಬರನ್ನು ಕೆಳ ಎಳೆಯಲು ಪ್ರಯತ್ನಿಸುವರೆಲ್ಲ.

ಮೇಲಿರುವವನು ಹಿಡಿದ ಕೈ ಬಿಟ್ಟರೆ, ಬಿದ್ದವರೆಲ್ಲ ಬೋಧುಗಳಾಗುವರಯ್ಯ,

ಬಿದ್ದು ಎದ್ದು ಮತ್ತೊಮ್ಮೆ ಬಿದ್ದರೆ, ನೆನಪಿಗೆ ಬರುವುದು ಓಂ ನರ್ಮ ಶಿವಾಯ, ಓಂ ನರ್ಮ ಶಿವಾಯ. ನೆನಪಿಗೆ ಬರುವುದು ಓಂ ನರ್ಮ ಶಿವಾಯ, ಓಂ ನರ್ಮ ಶಿವಾಯ.

ಅರುಣ್ ಕುಮಾರ್ ಹೆಚ್ ಎಂ 8th Sem, ECE







ನವ್ಯಾ ಟಿ ಚೆ 6th Sem, Civil



#### ತಾಯಿ

ತಾಯಿಯ ಆ ಅಪ್ರತಿಮ ಪ್ರೀತಿ, ಜಗತನ್ನೆ ಮರೆಯುವ ಹಂಬಲದ ರೀತಿ. ನಿನ್ನ ಹಾರೈಕೆಯೋಂದಿದ್ದರೆ ಸಾಕು ಗೆಲ್ಲುವೆ ಜಗತ್ತಿನೆಲ್ಲವ ಪ್ರೀತಿ.

ಕಣ್ಣಿನ ಕನ್ನಡಿಯಮುಂದೆ ಕನಸುಗಳ ಕನವರಿಕೆ, ಮನಸೆಲ್ಲ ಮರೆಯದ ಮಾತುಗಳ ಮನವರಿಕೆ, ಹುಡುಕುತ ಹೋದನು ಹೊಸ ಆಸೆಗಳ ತೀರಿಕೆ, ಅಲ್ಲೇ ಇತ್ತು ಅಂಬಲದ ಅಸಾಧ್ಯ ಆದಿತ್ಯನ ಅಮಂತ್ರಿಕೆ

ಮತ್ತೆ ಮನದ ಮರೆಯಲಿ ಮರೆಯದ ಮರೆಯಾಗದ ಆ ಮುಗುಳ್ಳನಗೆಯ ಮುಂದೆ. ಮೂಕನು ಮೆಲ್ಲನೆ ಮಾತಾಡಿದ ಮನದಂಗಳದ ಹಿಂದೆ.

ಹಾಳಾದ ಹಳೆಯ ದಿನಗಳ ಹಾಳೆಗಳನು ಹಾಗೆಯೇ ಹಾರಲು ಬಿಡು, ಮುಂದೆ ಬರುವ ಮುಂಜಾನೆಗಳು ತರುವ ಮಧುರತೆಯನು ಮರೆಯದಿರು.

## ಚುಟುಕು ಸಾಹಿತ್ಯ

ಮತ್ತೆ ಮರೆಯದ ದಿನಗಳ ಮೆಲುಕು ಹಾಕುತ, ಖುಷಿಯಿಂದ ಜಾರುತಿದೆ ಜೀವನ ಸಾಗುತ, ಮುಂದೆ ಬರುವ ದಿನಗಳು ಸುಂದರವಾಗಿವೆ ಎಂದು ಕೋರುತ, ಮತ್ತೆ ಭವಿಷ್ಯಕ್ಕೆ ಹೇಳುವ ಸ್ವಾಗತ ಸುಸ್ತಾಗತ.

ಹೊಸ ದಿನದ ಹರುಷದಲ್ಲಿ ಹಾರಾಡುವ ಮನದ ಹರುಪಿನಲ್ಲಿ ಮತ್ತೆ ನಡೆದಿದೆ ಹಾಗೆ ಜೀವನ ಹಗುರವಾಗಿ, ಆದರೂ ಮನದ ಮರೆಯದ ಮಾತಿನಲಿ ಮತ್ತೆ ಬರುವ ಆ ದನಿಯ ದಾರಿಯನು ಮರೆತರು ಮರೆಯಲಿ ಹೇಗೆ.

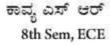
ಕಣ್ಣಗೆ ಕಂಡರು ಕಾಣದ ಬಿಂದುದಿನಂತೆ ನಿಂತಿರುವೆ ಮನದ ನಿಮುಗಿಲಿನ ಎತ್ತರದಲ್ಲಿ, ಮತ್ತೆ ಕರೆಯುತಿದೆ ಮನ ಬಾ ಎಂದು, ಮಾಸದ ನೆನಪಿನ ನೆರೆಯಲಿ. ಮತ್ತೆದ್ದೇ ಚಿತ್ರದ ಸುತ್ತ ಕಣ್ಣುಗಳ ಕಾಲುವೆ, ಕನ್ನಡಿಯ ಮುಂದೆ ನನ್ನ ಚಿತ್ರ ಮರೆತರೂ, ಕಂಗಳ ಕನ್ನಡಿಯ ಹಿಂದೆ ಮಾಸದಿರುವ ಓ ಒಲವೆ, ನೀನೆಲ್ಲಿರುವೆ!!

ಮತ್ತೆ ಮಳೆಯಾಗಬಾರದೆ ಮನದ ಮರಭೂಮಿಯ ಮೇಲೆ.

ಮನದ ನೆಲದ ಮೂಲೆಯಲಿ ಮತ್ತೆ ಚಿಗುರುತಿರುವ ಮೊಗ್ಗನ್ನು ನೋಡಿಯೂ, ಮತ್ತೆ ಮಳೆಯಾಗಬಾರದೆ ಮನದ ಮರುಭೂಮಿಯ ಮೇಲೆ,

ಹೊಸ ದಿನದ ಹರುಷದಲಿ. ಹಾರಾಡುವ ಮನದ ಹುರುಪಿನಲಿ, ಮತ್ತೆ ನಡೆದಿದೆ ಜೀವನ ಹಾಗೆ ಹಗುರವಾಗಿ. ಆದರೂ ಮನದ ಮರೆಯದ ಮಾತಿನಲಿ ಮತ್ತೆ ಬರುವ ಆ ದನಿಯ ದಾರಿಯನು ಮರೆತರೂ ಮರೆಯಲಿ ಹೇಗೆ

ದೂರದಲ್ಲಿ ದ್ರುವತಾರೆ ಇದ್ದರೂ. ಬಗ್ಭಮೆಯಲಿ ದೋಣಿಯ ದಾರಿ ತಪ್ಪದಾಗ ದೂರ ದಡದ ದಾರಿಗೆ ದೀಪವಾಗಿದ್ದಕ್ಕೆ ಧನ್ಯವಾದಗಳು





#### ಹನಿಗವನ



ಸಂತೋಷ್ ಕೆ 8th B Sec, ECE

#### ಹಾಡು

ಅಲ್ಲೊಂದು ಪದವಿದೆ ಇಲ್ಲೊಂದು ಸ್ವರವಿದೆ ಸೇರಿ ಹಡೆದಿವೆ ನೋಡಾ! ಒಂದು ಹಾಡ!!

#### ಸಪ್ರಸ್ವರ

ಹಾರಿ ಬಂದವು ಸಪ್ತ ಸ್ವರಗಳ ಹಕ್ಕಿಗಳು! ಕಾದು ಕುಳಿತಿದ್ದವು ರಸಿಕರ ಎದೆ ಗೂಡುಗಳು!!

#### ಹನಿ

ತೇಲಿ ಬಂತು ಒಂದು ಶೋಕ ಗೀತೆ! ಸಂತೈಸಿದವು ಉದುರಿದ ಹನಿಗಳಿರೆಡು!!

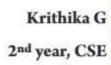
## ಕಣ್ಣು

ಕಣ್ಣೀರ ನದಿ ಕಣ್ಣಾಲಿ ದೋಣಿ! ಹುಟ್ಟಾಗಿ ರೆಪ್ಪೆಗಳು ನೀರಿನ ಚೆಲ್ಲಾಟ ತಳ್ಳಾಟ!!

#### ಬೀವನ

ಜೀವನ ಶಾಶ್ವತ ನೀರ ಮೇಲಿನ ಗುಳ್ಳಿ ಹುಸಿಯೆಂದಿತು! ಜೀವನ ಕ್ಷಣೀಕ ಉತ್ತರ ನೀಡದ ಕಾಲ ಮುನ್ನಡೆಯಿತು!!

## किताब





- जब तक शिक्षा का मकसद नौकरी पाना होगा,
   तब तक समाज में नौकर ही पैदा होंगे,
   मालिक नहीं।
- जिंदगी में अच्छे लोगो की तलाश मत करों,
   खुद अच्छे बन जाओं, शायद आपसे
   मिलकर किसी की तलाश पूरी हो जाये।
- अच्छे काम करते रहिये,
   चाहे लोग तारीफ करे या न करे ,
   आधी से ज्यादा दुनिया सोती रहती है,
   सूरज फिर भी उगता है ।

किताबों में भरा है ज्ञान का भण्डार जो दूर करता हैं जीबन का अंधकार । किताबों से पाते है ज्ञान हम सभी पढ़ – लिखकार होते है विधान हम तभी ।

किताब हमारे लिए है बहुत ही नायाब क्योंकि ये बनाते हैं हमे कामयाब। किताब पढ़ने से मिलता है हमे ज्ञान वह हमारे लिए है एक वरदान।

किताब देते है हमें ऐसा अनमोल रत्न जो बाँटने पर भी नहीं होता है खत्म । करना चाहिए हमें किताबों का सम्मान तभी तो बन सकेंगे हम बुद्धिमान और महान ।

Kulsum Khanum K 2<sup>nd</sup> Year, CSE



## त् युद्ध कर

माना हालात प्रतिकुल हैं, रास्तों पर बिछे शूल हैं रिश्तों पे जम गई धूल है पर तू खुद अपना अवरोध न बन त् उठ- खुद अपनी राह बना माना सूरज अँधेरे में खो गया है पर रात अभी हुई नहीं, यह तो प्रभात की बेला है तेरे संग है उम्मीदें, किसने कहा तु अकेला है त् खुद अपना विहान बन, त् खुद अपना विधान बन सत्य की जीत हीं तेरा लक्ष्य हो अपने मन का धीरज, तु कभी न खो रण छोड़ने वाले होते हैं कायर त् तो परमवीर है, तु युद्ध कर - तु युद्ध कर इस युद्ध भूमि पर, तू अपनी विजयगाथा लिख जीतकर के ये जंग, तू बन जा वीर अमिट त् खुद सर्व समर्थ है, वीरता से जीने का हीं कुछ अर्थ है

> Faiza Firdaus 2<sup>nd</sup> Year, CSE



## इनफॉर्मेशन टेक्नॉऑजी (IT) में भारत



Pooja M 4th Sem, EC

टेक्नॉलॉजी की शुराआत भले ही अमेरिका में हुई हो, परन्तु भारत की मदद के बिना वह आगे नहीं बढ़ सकती थी। गूगल के मुख्य कार्यकारी अधिकारी एरिक शिमट ने कुछ महीने पहले यह कहकर जबर्दस्त हलचल मचा दी थी कि आने वाले पांच से दस साल के भीतर भारत द्निया का सबसे बड़ा इंटरनेट बाजार बन जायेगा।

उन्होंने यह भी कहा कि कुछ बरसों में इंटरनेट पर जिन तीन भाषाओं का दबदबा होगा, वे है- हिंदी, मैडरिन और इंग्लिश, शिमट के बयान से हमारे उन लोगों की आंखें खुल जानी चाहिए जो यह मानते है कि कंप्यूटिंग का बुनियादी आधार इंगलिश है।

यह धारणा सिरे से गलत है । कंप्यूटिंग की भाषा अंकों की भाषा है और उसमें कंप्यूटर सिर्फ दो अंकों-एक और जीरो, को समझता है । कोई भी तकनीक तभी कामयाब हो सकती है जब वह उपभोक्ता के अनुरूप अपने आप को ढाले ।

भारत के संदर्भ में कहें तो आईटी के इस्तेमाल को हिंदी और दूसरी भारतीय भाषाओं में ढालना ही होगा। यह अपरिहार्य है। वजह बहुत साफ है और वह यह है कि हमारे पास संख्या बल है। हमारे पास पढ़े-लिखे, समझदार और स्थानीय भाषा को अहमियत दैने वाले लोगों की तादाद करोड़ों में है। अगर इन करोड़ों तक पहुँचना है, तो उसे भारतीयता, भारतीय भाषा और भारतीय परिवेश के हिसाब से ढलना ही होगा। इसे ही तकनीकी भाषा में लोकलाइजेशन कहते हैं।

हमारे यहां भी कहावत है- जैसा देश, वैसा भेष । आईटी के मामले में भी यह बात सौ फीसदी लागू होती है । सॉफ्टवेयर क्षेत्र की बड़ी कंपनियां अब नये बाजारों की तलाश में है, क्योंकि इंगलिश का बाजार ठहराव बिंदु के करीब पहुच गया है । इंगलिश भाषी लोग संपन्न हैं और कंप्यूटर आदि खरीद चुके हैं । अब उन्हें नये कंप्यूटरों की जरूरत नहीं ।



लेकिन हम हिंदुस्तानी अब कंप्यूटर खरीद रहे हैं, और बड़े पैमाने पर खरीद रहे हैं। हम अब इंटरनेट और मोबाइल तकनीकों को भी अपना रहे है। आज कम्यूनिकेशन के क्षेत्र में हमारे यहां क्रांति हो रही है। ये आंकड़ें किसी भी मार्केटिंग एक्जीक्यूटीव को ललचाने के लिए काफी है।

जो भी तकनीक आम आदमी से जुड़ी है, उसमें असीम बढ़ोतरी की हमारे यहां गुंजाइश है। हमारी इकॉनामी उठान पर है, लिहाजा तकनीक का इस्तेमाल करने वाले लोगों की तादाद में जैसे विस्फोट सा हुआ है। बाजार का कोई भी दिग्गज भारत की अनदेखी करने की गलती नहीं कर सकता। वह भारतीय भाषाओं की अनदेखी भी नहीं कर सकता।

वे इन भाषाओं को अपनाने भी लगे हैं। हिंदी के पोर्टल भी अब व्यावसायिक तौर पर आत्मनिर्भर हो रहे हैं। डॉटकॉम जलजले को भुलकर कई भाषायी वेबसाइटों अपनी मौजूदगी दर्ज करा रही हैं और रोजाना लाखों लोग उन पर पहुंच रहे हैं। पिछले दस बरसों में किसी अंतर्राष्ट्रीय आईटी कंपनी ने हिंदी इंटरनेट के क्षेत्र में दिलचस्पी नहीं दिखाई।

लेकिन अब वे हिंदी के बाजार में कूद पड़ी हैं। उन्हें पता है भारतीय कंपनियों ने अपनी मेहनत से बाजार तैयार कर दिया है। चूंकि अब हिंदी में इंटरनेट आधारित सॉफ्टवेयर परियोजना लाना फायदे का सौदा है इसलिए चाहे वह याहू हो, चाहे मूगल हो या एमएमएन, सब हिंदी में आ रहे है। माइक्रोसॉफ्ट के डेस्कटॉप उत्पाद हिंदी में आ रहे है।

आईबीएम, सन माइक्रोसिस्टम और ओरेकल ने हिंदी को अपनाना शुरू कर दिया है। लिनक्स और मैकिन्टोश पर भी हिंदी आ गयी है। इंटरनेट सॉफ्टवेयर एक्सप्लोरर, नेटस्केप, मोजिला और ओपेरा जैसे इंटरनेट बाजार को हिंदी को समर्थन देने लगे हैं। ब्लॉगिंग के क्षेत्र में भी हिंदी की धूम है। आम कंप्यूटर उपभोक्ता के कामकाज से लेकर डाटाबेस तक में हिंदी उपलब्ध हो गयी है। यह अलग बात है कि अब भी हमें बहुत दूर जाना है, लेकिन

एक बड़ी शुरू आत हो चुकी है, और इसे होना ही था। यह दिलचस्प संयोग है कि इधर एनकोड़िंग सिस्टम ने हिंदी को इंग्लिश के समान ही सक्षम बना दिया है और लगभग इसी समय भारतीय बाजार में जबर्दस्त विस्तार आया है। कंपनियों के व्यापारिक हितों और हिंदी की ताकत का मेल ऐसे में अपना चमत्कार दिखा रहा है। इसमें कंपनियों का भला है और हिंदी में भी, फिर भी चुनौतियों की कमी नहीं है।

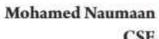
हिंदी और अन्य भारतीय भाषाओं में मानकीकरण (स्टैंडर्डाईजेशन) आज भी एक बहुत बड़ी समस्या है। यूनिकोड के जरिए हम मानकीकरण की दिशा में एक बहुत बड़ी छलांग लगा चुके हैं। उसने हमारी बहुत सारी समस्याओं को हल कर दिया है। संयोगवश यूनिकोड के मानकीकरण को भारतीय आईटी कंपनियों का जितना समर्थन मिला, उतना की-बोर्ड के मानकीकरण को नहीं मिला।

भारत का अधिकारिक की-बोर्ड मानक इनस्क्रिप्ट है। यह एक बेहद, स्मार्ट किस्म की अत्यंत सरल और बहुत तेजी से टाइप करने वाली की-बोर्ड प्रणाली है। फोन्टों की असमानता की समस्या का समाधान तो पास दिख रहा है, लेकिन की-बोर्ड की अराजकता का मामला उलझा हुआ है। ट्रांसलिटरेशन जैसी तकनीकों से हम लोगों को हिंदी के करीब तो ला रहे हैं, लेकिन की-बोर्ड मानकीकरण को उतना ही मृश्किल बनाते जा रहे हैं।

यूनिकोड को अपनाकर भी हम अर्ध मानकीकरण तक नहीं पहुच पाए हैं। हिंदी में आईटी की और गति देने के लिए हिंदी कप्यूटर टाइपिंग की ट्रेनिंग की और भी अब तक ध्यान नहीं दिया गया है। फिलहाल लोग इंगलिश में कप्यूटर सीखते हैं और बाद में तुक्केबाजी के जिरए हिंदी में थोड़ा बहुत काम निकालते हैं। सरकार चाहे तो की-बोर्ड पर इंगलिश के साथ-साथ हिंदी के अक्षर भी अंकित करने का आदेश देकर इस समस्या का समाधान निकाल सकती है।

अगर आईटी में हिंदी का पूरा फायदा उठाना है, तो बहुत सस्ती दरों पर साँफ्टवेयर मुहैया कराए जाने की भी जरूरत है। गैर-समाचार बेवसाइटों के क्षेत्र में हिंदी को अपनाने की तरफ कम ही लोगों का ध्यान गया है। सिर्फ साहित्य या समाचार आधारित हिंदी पोर्टलों, वेबसाइटों या ब्लॉगों से काम नहीं चलेगा। तकनीक, साइंस ई-कॉमर्स, ई-शिक्षा, ई-प्रशासन आदि में हिंदी वेबसाइटों की हिंदी और अन्य भारतीय भाषाओं में लाने की चुनौती को भी हल करना होगा।

### माँ पर निबंध





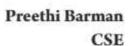
इस दुनिया में किसी भी चीज को माँ के सच्चे प्यार और परविश्थ से नहीं तौला जा सकता। वो हमारे जीवन की एकमात्र ऐसी महिला है जो बिनी किसी मंशा के अपने बच्चे को देरा सारा प्यारा परविश्थ देती है। एक माँ के लिये बच्चा ही सबकुछ होता है। जब हम मजबूर होते है तो वो हमेशा जीवन में किसी भी कठिन कार्य को करने के लिये हमें प्रेरित करती है। वो एक अच्छी श्रोता होती है और हमारे हर अच्छी और बुरी बार्तों को सुनती है जो हम कहते है। वो हमें कभी रोकती नहीं और किसी हद में नहीं बाँधती। वोहमें अच्छे-बुरे का फर्क करना सीखाती है।

सच्चे प्यार का दूसरा नाम माँ है जो केवल एक माँ हो सकती है। उस समय से जब हम उसकी कोख में आते है, जन्म लेते है और इस दुनिया में आते है पूरे में जीवन भर उसके साथ रहते हैं। वो हमें प्यार और परविश्थ देती है। माँ से अनमोल कुछ भी नहीं जो भगवान के द्वारा आशीर्वाद समान होता है इसलिये हमें ईश्वर का आभारी होना चाहिये। वो सच्चे प्यार, परविश्थ और बलिदान का अवतार होती है। वो एक ऐसी होती है जो हमें जन्म देकर मकान को मीठे घर में बदल देती है।

वो एक ऐसी है जो पहली बार हमारे स्कूल की शुरुआत घर में ही करती है हमारे जीवन की सबसे पहली और प्यारी शिक्षक होती है। वो हमें जीवन का सच्चा दर्शन और व्यवहार करने का तरीका सीखाती है। इस दुनिया में हमारे जीवन के शुरु होते ही वो हमें प्यार करती है और हमारा ध्यान देती है अर्थात उसकी कोख में आने से उसके जीवन तक। बहुत दुख और पीड़ा सहकर वो हमें जन्म देती है लेकिन इसके बदले में वो हमेशा हमें प्यार देती है। इस दुनिया में कोई भी ऐसा प्यार नहीं है जो बहुत मजबूत, हमेशा के लिये निस्वार्थ हो, शुद्ध और समर्पित हो। वो आपके जीवन में अंधकार को दूर करके रोशनी भरती है।

हर रात को वो पौराणिक कथाएँ सुनाती है, देवी-देवताओं की कहानियाँ और दूसरी राजा-रानीयों की ऐतिहासिक कहानियाँ सुनाती है। वो हमेशा हमारे स्वास्थ्य, शिक्षा, भविष्य और अजनबियों से हमारी सुरक्षा को लेकर बहुत चिंतित रहती है। वो हमेशा हमें जीवन में सही दिशा की ओर आगे बढ़ाती है और सबसे खास बात कि वो हमारे जीवन में खुशियाँ फैलाती है। वो हमें छोटे और असमर्थ बच्चे से मानसिक, शारीरिक, सामाजिक और बौद्धिक मनुष्य बनाती है। वो हमेशा हमारा पक्ष लेती है और भगवान से हमारे स्वास्थ्य और अच्छे भविष्य के लिये पूरे जीवन भर प्रार्थना करती है इसके बावजूद कि हम कई बार उनको दुखी भी कर देते है। लेकिन हमेशा उसके मुस्कुराते चेहरे के पीछे एक दर्द होता है जिसे हमें समझने की जरुरत है ध्यान रखने की जरुरत है।

## इंटरनेट की दुनिया





इंटरनेट की दुनिया पर निबंध — विज्ञान के अविष्कारों ने आज दुनिया को पूरी तरह बदल कर रख दिया है विज्ञानं द्वारा किये गए अविष्कारों की हम इससे पहले कल्पना तक नहीं कर सकते थे। आज दुनिया हमारी मुट्टी में है बस माउस का एक क्लिक पूरी दुनिया को हमारे सामने विज्ञान के महान चमत्कारों में से कंप्यूटर और इन्टरनेट की सुविधा बड़ी ही निराली है।

इन्टरनेट के अविष्कार ने आज दुनिया को एक सूत्र में बांध दिया है आज इन्टरनेट के माध्यम से ही देश-



विदेश की जानकारी, शिक्षा, खेलों और संगीत आदि बड़ी आसानी से मिल जाती है। इंटरनेट आज के आधुनिक युग का जान और मनोरंजन का सबसे बड़ा साधन बन चुका है। इन्टरनेट के द्वारा ही हम घर बैठे बैठे बहुत सारी सुविधाएं हासिल कर सकते हैं।

इन्टरनेट के द्वारा हम बिल भर सकते हैं, किसी को पैसा भेज और प्राप्त कर सकते हैं। इसके द्वारा हम घर बैठे बैठे शोपिंग भी कर सकते हैं। दुनियाभर की खबरें अब इन्टरनेट पर प्राप्त हो जाती हैं और कोसों दूर बैठे लोगों से विडियो काल कर सकते हैं। घर बैठे बैठे हम टिकट्स बुक करवा सकते हैं। विद्यार्थियों के लिए तो इन्टरनेट एक वरदान है विद्यार्थी अपने विषय से सबंधित कोई भी जानकारी इन्टरनेट से हासिल कर सकता है। अब उन्हें किसी जानकारी के लिए पुस्तक खरीदने की जरूरत नहीं है वह घर बैठे बैठे ही इन्टरनेट से जानकारियां जुटा सकते हैं।

यहां इन्टरनेट के इतने सारे फायदे हैं वहीं इसके कुछ नुकसान भी हैं जिसका सबसे बड़ा नुकसान है के आज कल ज्यादातर लोग सोशल मीडिया साइट्स पर ही अपना समय बर्बाद करते रहते हैं इन्टरनेट पर बहुत सारी ऐसी आपत्तिजनक समग्री मौजूद है जिनका लोगों पर गलत असर पड़ता है।

इंटरनेट पर ऐसी बहुत सारी अशलील वेबसाइट मौजूद हैं यहां पर देरों अशलील फोटोज और विडियो अपलोड किये जाते हैं इन्हें देखकर बच्चों पर बुरा प्रभाव पड़ता है। इन्टरनेट के माध्यम से लोग सारा सारा दिन इसी से चिपके रहते हैं जिस कारण मेल मिलाप की भावना समाप्त होती जा रही है।

इसीलिए दोस्तों यह कहना गलत नहीं होगा के इंटरनेट आज के युग का एक वरदान है जिसके ढेर सारे फायदे हैं किन्तु कहीं कहीं इसके नुकसान भी हैं पर ये तो चलाने वाले पर निर्भर करता है के वह क्या देखना और सीखना चाहता है।

## अपनौं कि गुडिया

Rucksare Sabha 4th B Sec, CSE

एक प्यार सि गुडिया , एक छोटा सा शेहर ।
परिवार उस्कि दुनिया ,दिल कि सुनित गुडिया ।
पापा कि वो जान है ,मम्मा कि वो शान है ।
भाईयों से झगडा निहं ,उसको किसि से शिक्वा निहं ।
आँसु किभ गिराया निहं ,दिल किसि का दुःखाया निहं ।
हर खदम में पापा का सात मिला , हर पल में मम्मा का आँचल मिला ।
एक हँसित खेलती गुडिया ,परिवार उसिक रुक्सार सि दुनिया ।
"एक दिन".

सप्नों के पीछे गुडिया चिल ,अपनों से दूर गुडिया बिस । अन्जान सा वो शहर था ,किम उसमें अप्नों कि थी । टुटी वो इस तरह कि ,हातों में ना इक्तैयार था । हर दिन गुडिया रोने लिंग ,िफर गुडिया संभलने लिंग । सप्नों और अप्नों को सोचके दिल का घम समेटने लिंग ।

" एक दिन फिर "

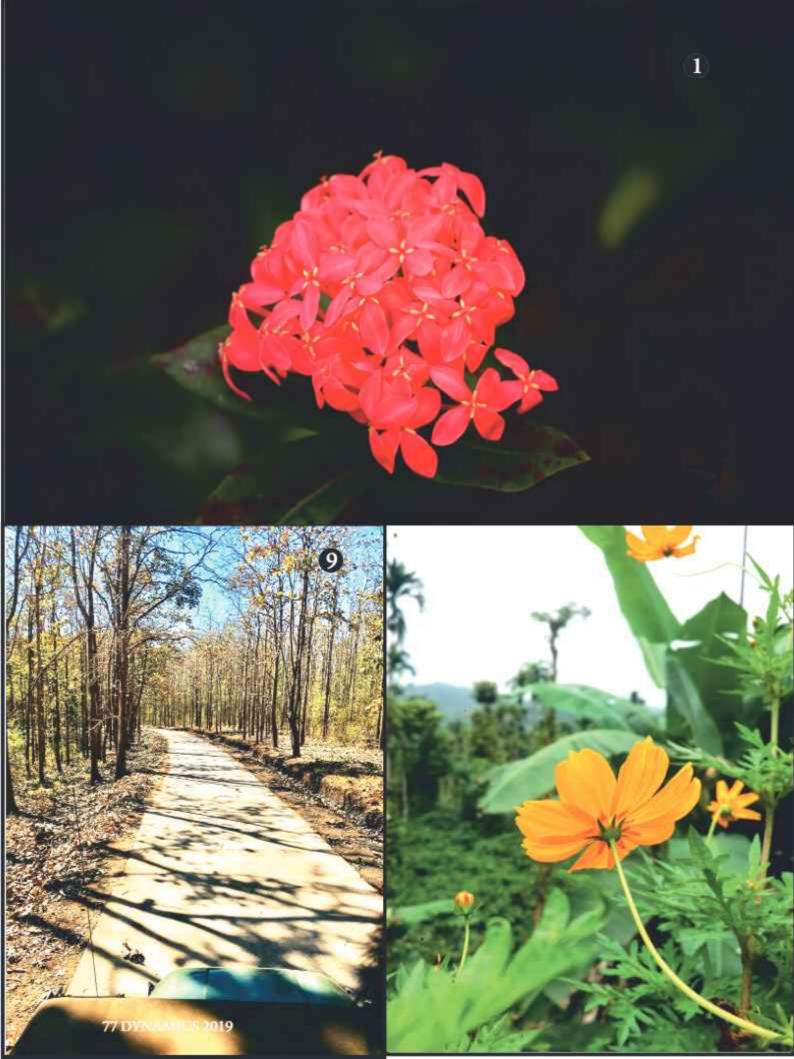
सप्नों के पीछे गुडिया चिल , अप्नों कि याद तडपाने लिंग । मम्मा ,पापा को लपेट के एक दिन गुडिया रोने लिंग । मम्मा ,पापा संभालते कहने लगे "गुडिया बचे दो साल के हि फासले" (पडाई) । गुडिया अपने दिल को समझाते हुए "बचे दो साल के हि फासले" । अपनों कि याद करते हुए गुडिया सपनों को पूरा करने कि ओर बडने लिंग ।

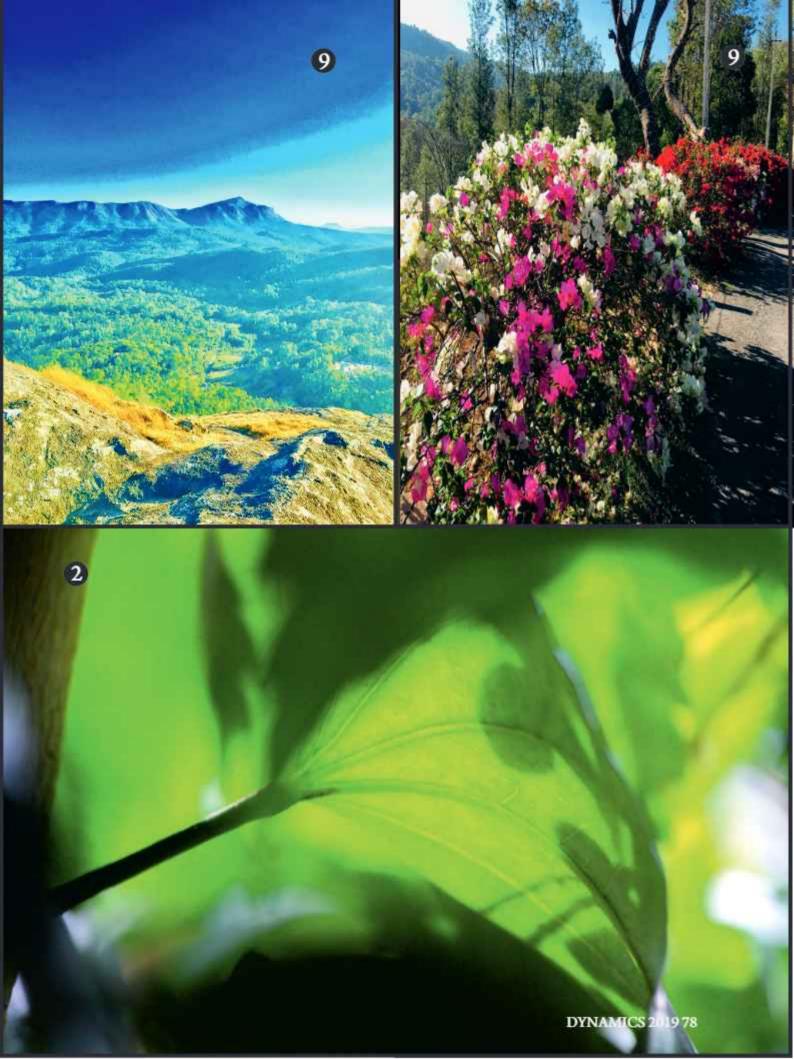
## परेशान होती है लड़की

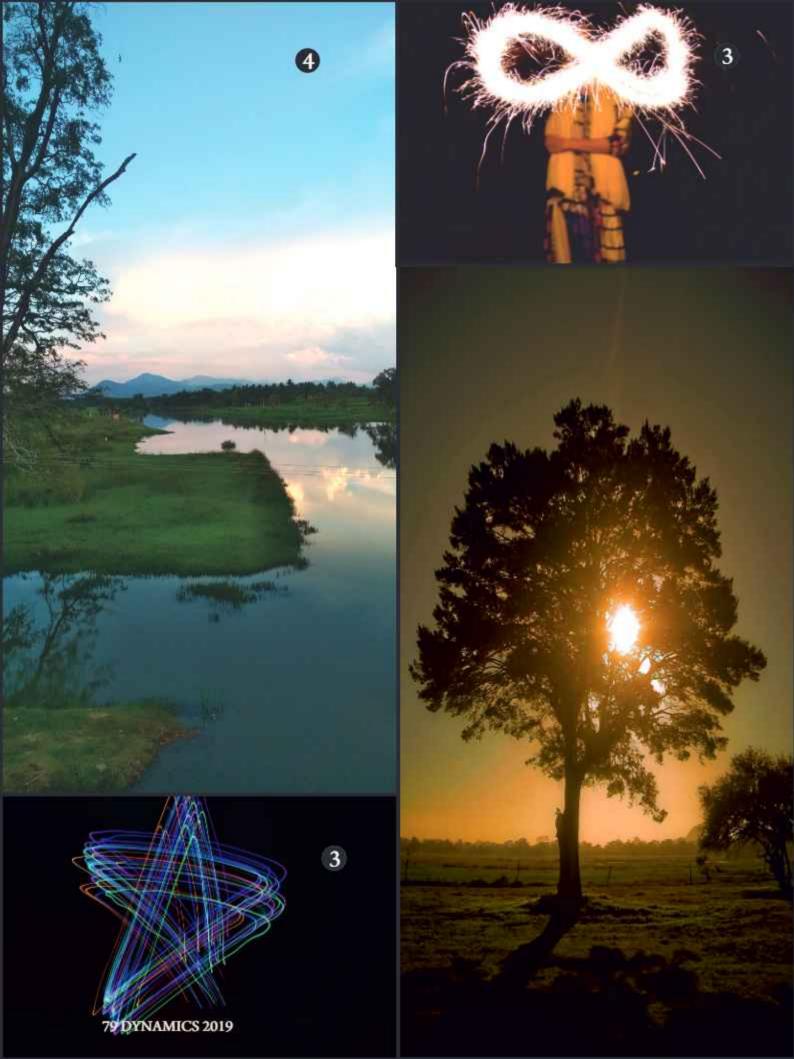
तू क्यों डरती है, सहमित है, परेशान होती है लड़की।
ना जाने तू क्यों छुप-छुप कर रोया करती है लड़की।
सवाल उठते हैं तेरे कपड़े और चाल चलन पर।
फिर भी ज़माने पर भरोसा क्यों करती है लड़की।
ज़माना कहता है, ये रात तेरी नहीं, ये फिजा तेरा नहीं, ये आसमान तेरी नहीं।
फिर भी तू, मंदिरों में क्यों पूजी जाती है लड़की।
वफ़ा के नाम पर तेरी जज़्बातों से खेला है सबने।
फिर भी तू खुशियां लूटाती जाती है लड़की।
तू क्यों डरती हैं, सहमित हैं, परेशान होती है लड़की।

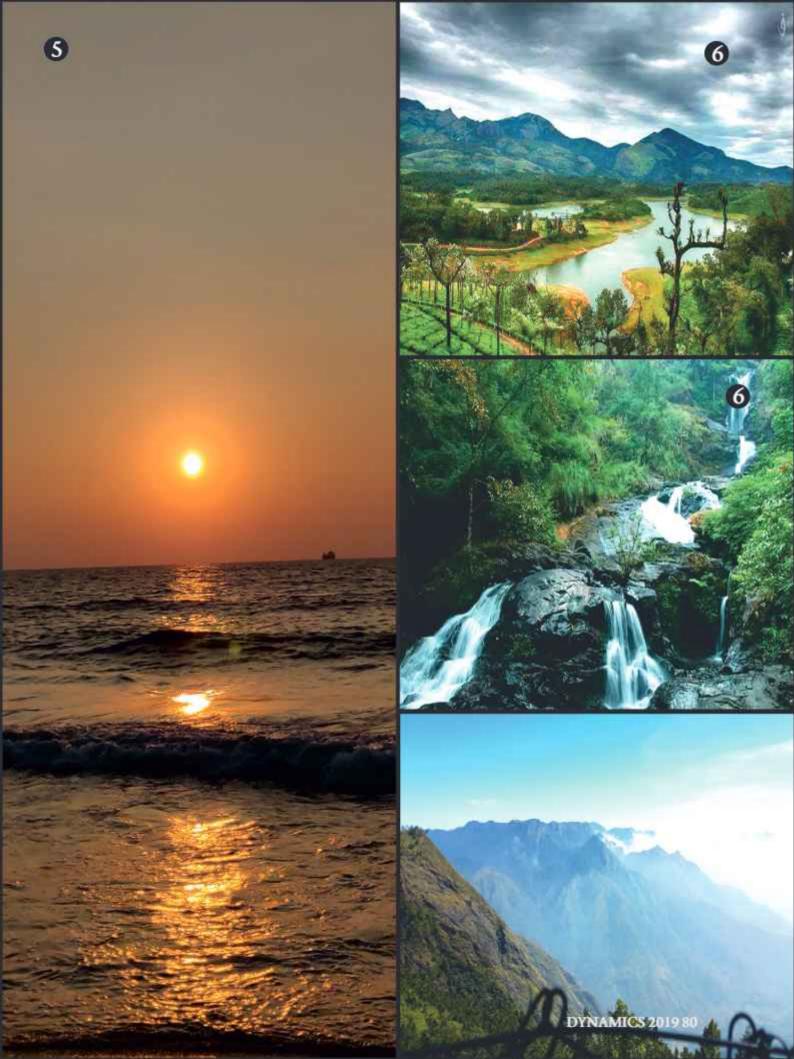
- हैदर

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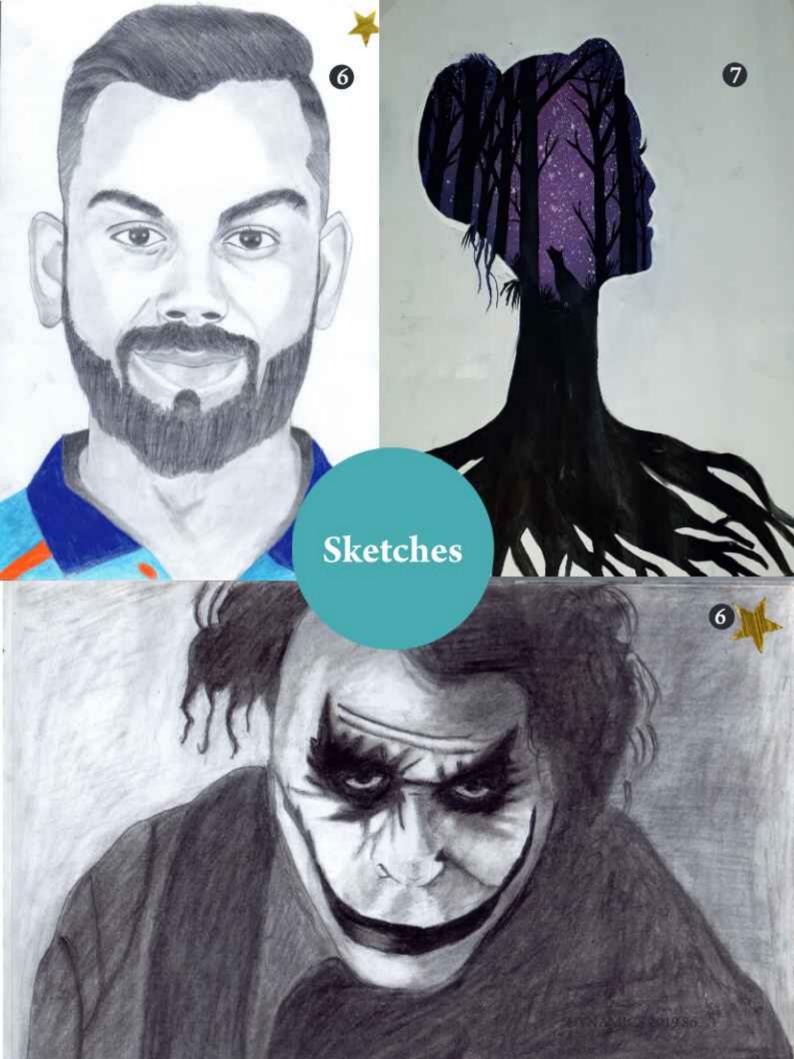


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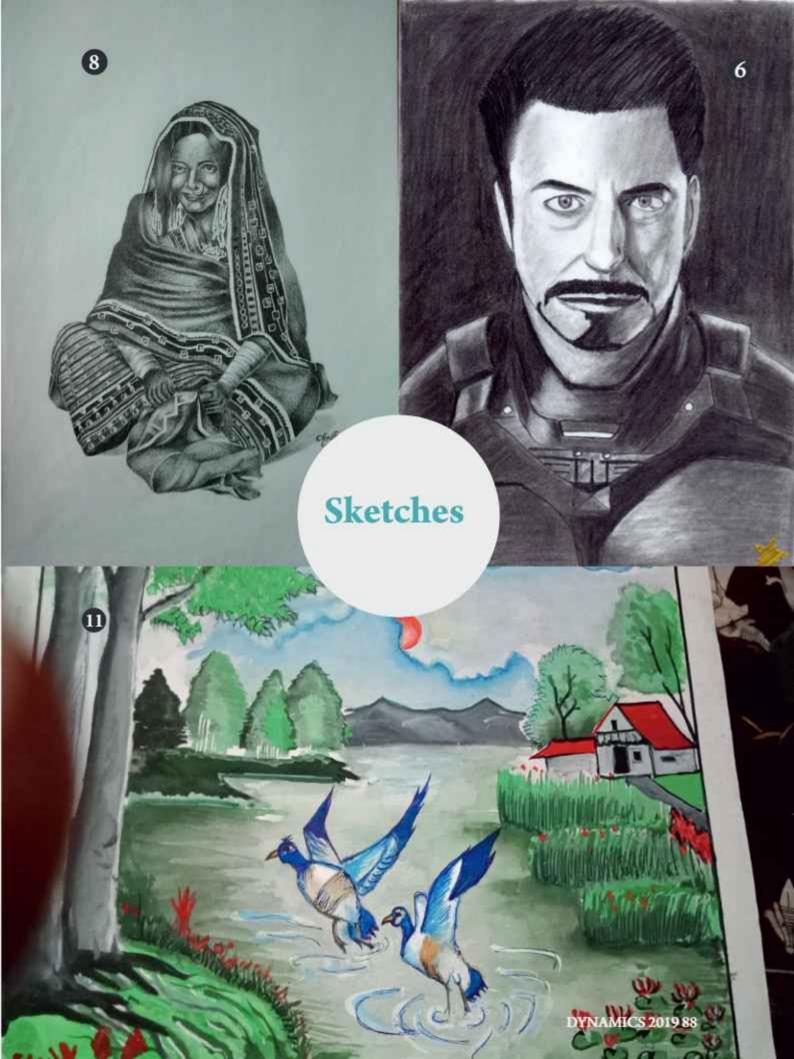
















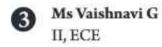
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# **WOMEN'S DAY**

March 2019













## TESTIM ON ILS

Mr. Madhusudhan KT Managing Director IRIS, Mysore

"Any Institute's success is determined by the right connectivity. I am glad to be associate with ATME, who has supported our institute by providing the Best Students output. From time to time students will be invited to participate in online survey of companies to provide them more practical knowledge on the modules. The college and management have supported a lot in building my institute in a right way. I felt I have made a good progress by joining hands with ATME and their management. I would like to thank for introducing our institute to the students and look for a long term relationship".

Karthik Ganapathi, Managing Director, VSG Software Solutions, Mysore

"We would like to thank the Management of ATME College of Engineering, Principal Dr. L Basavaraju, Dr. S S Manjunath HOD Computer Science Department, Dr. D Puttegowda Professor Computer Science Department, Mr. Shrinivasa. G Assistant Professor Computer Science Department & MOU Co-ordinator and other teaching and non teaching staff of ATME College for providing opportunity to share our knowledge to the students. We are again thankful to these people for having a Memorandum of Understanding(MOU) agreement with VSG Software Solutions. The college Infrastructure provides a better place for students to learn more in a peaceful environment. We provided the Workshops and Technical Talks with respect to the latest technologies such as Blockchain, Ethical Hacking, Android Application development for the students, we are really satisfied with the students interest towards learning new technologies and knowledge gained from us. e are honoured for the hospitality given for us whenever we visit ATME CWollege campus. We would like to thank students for projecting there interest to join as interns to learn more technical skills from us. We assure that, we will provide more service from our end for the better achievements of ATME College. Thanks."

# ALUMNI VOICE



ATME has always been successful in nurturing the young minds to reach them to the pinnacle of Success. Success not only in terms of getting a job but in a broader angle it refers to making an individual fit into thus evoluting world, to let them find themselves in the crowd and to prove survival of the fittest.

It was like a dream of four years that I spent in ATMECE. I have explored many things that are not described by words from both teaching and nonteaching staffs. A great thanks to all of them, I'm very great full to all.





It was very good at ATME, I enjoyed a lot, learnt a lot. It was very memorable enjoying with friends, & good guiding faculties. Words are not enough to describe the four years journey. I can just say I'm proud to be an alumni of ATME and to carry the memories of it forever.





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