



SAI VIDYA INSTITUTE OF TECHNOLOGY

Rajanukunte, Doddaballapur Road, Bangalore-64

Prathibimba
2017

Journey of every svitian



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MOTTO

"Learn to lead..."

VISION

Contribute dedicated, skilled, intelligent engineers and business administrators to architect strong India and the world.

MISSION

To impart quality technical education and higher moral ethics associated with skilled training to suit the modern day technology with innovative concepts, so as to learn to lead the future with full confidence.

Board of Trustees



Prof. A.M. Padma Reddy
Founder Trustee and Vice President



Shri Srinivas Raju
Founder Trustee and Secretary



Prof. R.C. Shanmukha Swamy
Founder Trustee and Joint
Secretary



Prof M.R. Holla
Founder Trustee and President



Shri. Manohar M. K.
Founder Trustee and Treasurer



Prof. Y Jayasimha
Founder Trustee and Dean
Academics



Shri. Narayan Raju
Founder Trustee and
Administrative Officer

HISTORY OF SVIT

A COLLEGE BY THE TEACHERS FOR THE STUDENTS

Sai Vidya Institute of Technology, affiliated to Visvesvarya Technological University (VTU), Belagavi, Karnataka, approved by All India Council for Technical Education (AICTE) New Delhi, and recognized by the Government of Karnataka, was established in the year 2008 by SRI SAI VIDYA VIKAS SHIKSHANA SAMITHI which is a trust formed by a group of well-known academicians.

This Visionary group is committed to develop SVIT as a paradigm within a couple of years. The future of SVIT in Engineering Education is bright as the above professors are heading the departments and extend their service to develop the institution with the support of highly qualified and dedicated teaching and non-teaching staff.

Prof M.R. Holla, a well-known academician and administrator with-over 50 years of academic and administrative experience to his credit along with an excellent team of popular professors of RVCE/RNSIT Bengaluru. The team comprises of Prof Y. Jayasimha, Prof R.C. Shanmukha Swamy & Prof A.M. Padma Reddy, in association with Sri R. Srinivas Raju, a practicing Civil Engineer, Sri M.K. Manohar renowned Chartered Accountant and Sri Narayana Raju well known administrator both at RVCE/RNSIT.

SVIT will provide students with a sense of history, an understanding of the ideals and principles, a commitment to law and morality, an appreciation of human creativity an analytically inquisitive mind. We believe that once the students experience these, they are ready to address the challenges of the rapidly transforming world.

MESSAGE FROM THE DIRECTOR



Prof. M.R. Holla, Director, SVIT

I am extremely happy at the launch of the college magazine of SVIT “*PRATHIBIMBA-2017*”. Hope it will bring out innovative and interesting articles. This is an occasion for both students and staffs to exhibit their talents by producing extraordinary articles and bringing out new ideas. It is a source to tap the potential of our students and staff.

The management has provided within a short period whatever possible infrastructure facility to develop the personalities of students. They also provided well equipped laboratories; a good library is also established. Ample opportunities are also given in sports and cultural activities to students to bring out their inherent qualities.

I am glad that many of the students have utilized this facility and came out successfully. They also participated in many inter-collegiate festivals and won over many prizes. A special training was given to students for placement activity, soft skills aptitude and technical. I am very happy that majority of the students got placed in good companies.

I wish “THE BEST” for the chief editor and all the members of the editorial board.

Sd/-

Prof. MR Holla

MESSAGE FROM THE SECRETARY



Mr. Srinivas Raju, Secretary, SVIT

I am glad to know that SVIT is coming out with second edition of its annual magazine **PRATHIBIMBA-2017**. Prathibimba is expanding space for students and staff alike to showcase their literary talents and they have made the best use of it. An open canvass of this kind is very essential for young budding engineers to paint their imagination, experts their feelings and leave their footprints at SVIT forever. SVIT takes pride in assuring that it does not leave any stone unturned in ensuring the delivery of best quality education and research to all sections of the society. We strive to look far into the future of engineering education, understand the dynamics of it, update our strategic plan, translate it into medium and short term plans, deploy appropriate human and financial resources, meticulously execute the plans, continuously keep tabs on their progress and control them, and gain the necessary feedback to activate the continuous improvement loop. Our strategic plan aims to groom competent engineers who invariably encourages and promotes cultural, sports and literary talents in students. I am sure that the editors of Prathibimba must have had a tough time selecting articles or contributions from enthusiastic writers. Many articles may not have found place in this edition due to limited space. Nevertheless, I presume, they were equally good. No doubt, scope for improvement remains, as always. I must congratulate the executive editors Prof. Raveendra R.S. and Prof. Deepak Raju and the editorial team who have done a wonderful job in bringing out this piece of literary marvel. I wish all those associated with this effort, the best.Sd/-

Mr. Srinivas Raju

MESSAGE
FROM VICE CHANCELLOR - VTU



Visvesvaraya Technological University
"Jnana Sangama"
Belagavi - 590 018, Karnataka State.



Dr. Karisiddappa, B.E. M.Tech., Ph.D.
Vice Chancellor

Phone : (0831)2405454
Fax : (0831)2405456

Ref. No.: VTU/VCS/2017-18/32

Date: 08-5-2017

MESSAGE

I am pleased to note that Sai Vidya Institute of Technology, Bengaluru, is bringing out its College Magazine 'Prathibimba' for the year 2016-17.

With adopting the main objective of providing Quality Education, to the students and inculcating them with right values so as to meet the growing challenges of the modern world, I am sure the college will march towards greater height in the years to come.

I wish the Magazine "Prathibimba" to put in lime-light, the latest trends in Engineering and Technology, current affairs and constructive views, which provides a platform for an individual to build a sound career.

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

Dr. Karisiddappa
Vice Chancellor

To,
The Principal, Sai Vidya Institute of Technology, Bengaluru.

MESSAGE FROM PRINCIPAL/EDITOR IN CHIEF



Dr. Ramesh Babu H.S, Principal, SVIT

It gives me immense pleasure to note that the SVIT is bringing out its annual magazine *PRATHIBIMBA-2017*, which is a curtain riser to all those concerned with the institution particularly students and staff. SVIT is one among reputed technical institutes imparting finest quality education. The evolution of the institute over the past 9 years has witnessed strong blend of state-of-the-art infrastructure and intricately intertwined human resource committed to provide professional education with thrust on creativity and innovation. The motivating environment in SVIT for knowledge assimilation, generation and dissemination with a sense of social responsibility, human values and concern for environment has carved a place for itself among the best technical institutes.

In SVIT, it is believed and practiced that excellence is a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned technocrats, successful entrepreneurs, competent leaders, innovative scientists and researchers. Dear students "A desire can change nothing, a decision can change something but a determination can change everything". Life is a set of problems. A engineer has to solve problems in their domain areas with strong innovative ideas with scientific knowledge. Your commitment to become an engineer by devoting four year academic journey in SVIT will be fruitful and enjoyable in every aspect and the experience you gain from here and the moments you spend here will be cherished by you throughout your life.

Sd/-

Dr. Ramesh Babu H.S

MESSAGE FROM EXECUTIVE EDITORS

Prof. Raveendra R.S.

It gives me immense pleasure to bring out the college magazine "Prathibimba-2017". This magazine has been an effective platform for students and staff to express their talents and hidden skills. I would like to take this opportunity to express my sincere thanks to the principal, director, secretary and all the trustees of SVIT. I thank the editorial board members for their informable suggestions and advice. I am indebted to the student members of the editorial board for their tiredness efforts in bringing out the magazine in time.



Prof. Deepak Raj. S

It is an immense pleasure and a great privilege to contribute to Pratibimba-2017 in my capacity as one of its executive editors. I congratulate team SVIT for bring out this magazine. I wish all contributors and readers the very best of luck." I thank all who directly or indirectly support to bring out PRATHIBIMBA-2017 in very short span of time.



EDITORIAL BOARD COMMITTEE MEMBERS

Dr. H.S. Ramesh Babu Principal Editor-in-Chief
Prof. Raveendra R S Asst. Prof. Chemistry. Executive Editor
Prof. Deepak Raj S Asst. Prof. ISE. Executive Editor
Prof. Divya C Asst. Prof. CSE. Member
Prof. Vijaya B Asso. Prof. ME. Member
Prof. Sumam S B Asst. Prof. Civil. Member
Prof. Sandeep Seetaharam Naik Asst. Prof. ECE. Member
Prof. Shilpa P Patil Asst. Prof. EEE. Member
Prof. Rashmi R. Kotu Asst. Prof. MBA. Member
Prof. Madhura K. Asst. Prof. Maths. Member
Prof. Yashodha S. R. Asst. Prof. Physics. Member

STUDENT MEMBERS

Sandeep SN, VI SEM ECE-B
Shilpa Singh, VI SEM ECE-B
Hampesh KR, II SEM ME
Abhishek Vasisth, VI SEM ECE-A
Akshay Uppin, VI SEM ECE-A
Alka Singh, VI SEM ISE
Jayashree M, VI SEM ISE
Shreya J. Kumar, VI SEM ISE
Sandeep Kumar B, II SEM MBA
Lalitha G, VI SEM CSE
Sushmitha S.K, VI SEM CSE
Meghana YM, IV SEM ISE
M B Alka, IV SEM ISE
Somen Panda, IV SEM ISE
Kushala MA, II SEM ECE

Keerthipriya BT, VI SEM CV
Kiran Kumar R, VI SEM CV
Swathi G.S, VI SEM CV
Nithin Kumar TK, IV SEM CV
BR Yatheesh, IV SEM CV
Emmanuel Wilson II SEM CSE
Dhanush S, VI SEM ECE-A
Chandrakanth, VI SEM ECE-A
Shubha, VI SEM ECE-B
Ankita Sharma, VI SEM ECE-B
Apporva K, VI SEM ME
Shisheer Shetty, VI SEM ME
Vivek C, II SEM CV



Editorial Board

Requiem

Apoorva



Vaibhavi Shastry



Karthik Banakar



*We will remember you
all forever....*

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VISION

To become a centre of academic excellence with innovations to make a significant contribution to the society in the field of Electronics and Communication Engineering.

MISSION

- ✓ To educate and empower the students with state-of-art knowledge and innovation in electronics & communication engineering to meet the global challenges.
- ✓ To imbibe the professional competency and ethics congenial to the society through training.
- ✓ To include professional ethics and morals among the students and enabling them to become good Leaders.
- ✓ To inspire the students to the **research and technology** for societal issues.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Educational objectives are the career and life accomplishments that the program prepares graduates to achieve within a few years after graduation. The educational objectives of Electronics and communication Engineering programs of Sai vidya Institute of technology are to produce graduates who are able to:

PEO 1: Design & develop electronic systems.

PEO 2: Effectively communicate technical information, successfully lead and participate in a multi-disciplinary team environment.

PEO 3: Engage in lifelong learning through continuing education and industrial practise.

PEO 4: Demonstrate professional ethics and social awareness.

PROGRAM SPECIFIC OUTCOMES (PSOs)

1. Design and simulate Electronics and Communication systems using concepts and tools of electronic circuits, signal processing, VLSI technology and communication.
2. Architect, partition and select appropriate technologies for implementation of a specified electronics & communication system

PROGRAM OUTCOMES (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The Engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PRATHIBIMBA-2017 our annual college magazine showcases the various achievements and talents of students and faculty members. I would like to appreciate and congratulate the editorial team for their efforts in bringing PRATHIBIMBA-2017 in an elegant & presentable manner. I am privileged to offer my best wishes. I congratulate students & faculty members who have contributed their articles in huge volume.

*The Electronics and Communication department is housed in a separate wing with dedicated class rooms and well equipped laboratories. The department is headed by Dr. Chitra Kiran N, PhD from UVCE, Bangalore University and mentored by Prof. **Y. Jayasimha** with an experience of more than 30 years in R.V.C.E/RNSIT supported by well qualified Professors.*

The Department has well qualified and experienced faculty supported by technicians to train students. The laboratories of the department are at par with that of industry, especially



Dr. Chitra Kiran N

in the areas of VLSI/embedded systems. The department has six laboratories with an area of 600 sq mts. The faculty student ratio is maintained at 1:15.

The Department has Research & Development Centre headed by Dr. Narayan K. which encourages the teachers and students to engage in R & D activities and also to do projects at the center itself.

Dr. Narayan.K, Dean R & D, have succeeded in getting the grants from VGST Dept. of IT Bt& St, Govt. of Karnataka for the projects “Design and Analysis of Integrated MOEMS based Opto-Fluidic-On-Chip Device for sensing Applications” (4,00,000) in 2015 and “Design and Modelling of Micro-Opto-Electro-Mechanical systems(MOEMS) based Bio sensors for Lab-On-A-Chip Applications” (24,55,000) in 2016. He has also got funds from the DST-SERB, Govt. of India for the project “Design, Analysis and Modelling of Lab-on-A-Chip Opt fluidic Bio-sensor” of Rs.30, 00,000 in the year 2016.

Dr. Mukesh Kumar Singh has been funded by MYIT Industries for his project “Five in one machine” of Rs. 29, 22,000 in 2016.

Students have been funded by VGST TRIP of Rs. 30,000 for the project “A Novel Design & Development of Affordable Thermo Gravimeter Analyzer” in 2015.

Paper Titled, “SMART PHONE BASED USER AUTHENTICATION FRAMEWORK FOR MOBILE WALLET TRANSACTION” presented in International Conference ICDECS-2015 held during December 28th-29th, 2015 BANGALORE by final year students of 2016 Sneha.M.D & Prashanth & the same paper got published in Scopus indexed journal, International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562 Vol.10 No.86 (2015) under the guidance of Dr, Chitra Kiran N, Professor & HOD ECE.

inside ECE

The Department has student forum IEEE Photonics student chapter, Bangalore and TECHGENES.

TECHGENES in association with IEEE Photonics student chapter have conducted many events like workshops on Recent Advances in Microwave Photonics from 19th and 20th Feb 2016. IoT, 6th – 7th March, 2017, Ethical hacking and Information security, 01/04/2017 & 02/04/2017.

The Department has conducted FDPs like Emerging Trends in Embedded System from 11th Jan 2016 to 16th Jan 2016 and Recent Trends in Wireless Sensor Networks with hands on session on NS2, 1st to 3rd Feb 2017.

IEEE Photonics Society and IEEE Engineering in Medicine and Biology (EMBS) Society was inaugurated by Mr. T Srinivas on 12th May, 2017

Ms. Karen L Hawkins, the chief Marketing Officer of IEEE visited SVIT and interacted with the students undergoing IEEE Blended Learning Program.

A project entitled “Yielding more crops from plants by adding appropriate Nitrogen” done by Mr. Pawan Kumar got approved by KSCST.

A paper entitled “Bioetric Based Payment Sysytem” got published in IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT, 2017 by Bhuvan Teja and Akarsh SM from 8th sem under the guidance of Dr. Chitra Kiran N.

Akshata, Arpitha K, Anusha K and Sowmya B received Best Paper Award for “Design and Analysis of Microfluidic Channel or Dielectrophoretic Seperation in Bio-Medical Applications” in National Conference on “Recent Trends in Electronics and Communication” on 12th May, 2017 at Global Academy of Technology under the guidance of Dr. Narayan K and Prof. Shwetha M.

Along with this, many students of 4th, 6th and 8th semester presented their papers in the above mentioned conference under the guidance of Dr. Chitra Kiran.

IGBC Green quest 2017 contest was conducted by Confederation of Indian Industry (CII) in Bangalore, in which our college students from 6th SEM ECE have participated. Shilpa Singh and Sandeep SN won 1st prize for their idea on “Urban Waste Management System” and Keerthi Hegde and Manasa R won 2nd prize for their idea about “Traffic Congestion System” under the guidance of Prof Pavan Kumar.E.

An industrial visit to Super Power Transmitter(SPT) was organized for 6th Sem students.



Department of Electrical and Electronics Engineering

VISION

To attain centre of excellence in Electrical and Electronics Engineering and contribute professional Engineers

MISSION

- Impart high quality education with a focus on fundamentals and practical applications of Electrical and Electronics Engineering concepts.
- Inculcate professional knowledge on recent trends in Electrical and Electronics Engineering through Industry - Academic interactions and training.

Program Educational Objectives (PEOs)

- PEO1:** To provide a strong foundation in Electrical and Electronics Engineering fundamentals to understand and analyze with intent to design and develop products / applications to address practical issues.
- PEO2:** To inculcate ethical attitude, effective communication skills, leadership qualities and team spirit for a successful professional career with concern for society.
- PEO3:** To encourage professional development and higher learning through training and research activities

Program Specific Outcomes (PSOs)

- PSO1:** To Apply science, engineering, mathematics through differential and integral calculus, complex variables to solve Electrical Engineering problems.
- PSO2:** To demonstrate proficiency in use of software & hardware to be required to practice Electrical Engineering profession.
- PSO3:** To apply the knowledge of ethical and management principles required to work in a team as well as to lead a team.

PROGRAM OUTCOMES (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The Engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

“It is indeed a happy moment for our Electrical and Electronics Department as the SVIT bringing out the second edition of the PRATHIBIMBA-2017 for the year 2016-17. The most important aspect we could derive from this amazing effort is that it brings out the various technical and analytical skills of the budding engineers. I wish them all the very best for releasing magazine.”



Prof T.G Manjunath

The Department offers four-year B E degree course with an intake of 60 students. This department is headed by Prof. **T G Manjunath** with an experience of more than 15 years as professor in Electrical and Electronics Engineering. Under his leadership the department is emerging as one of the best in VTU. He is supported by well qualified and experienced faculty. The department faculty student ratio is maintained 1:15 with well qualified and experienced faculty with an average teaching experience of more than 5 years. The department has well equipped laboratories. The D.C & A.C machines lab, power electronics lab, High voltage & relay lab, Control system lab and measurements & circuit simulation labs are set up in the department for the students to learn and Practice. The Department has been separately housed in Block I Building with spacious class rooms and laboratories.

Main thrust of the department will be in the areas of alternative energy and power electronics. The Electrical & Electronics Engineering course is designed to impart knowledge in Power Generation, Conversion, Transmission and Distribution of power, Electronic circuits, Control Systems, High Voltage, and VLSI etc. The Electrical & Electronics Engineers have the career opportunities in Govt., Organizations like Power Corporations, Electricity Boards, Hardware and Software Industry, Manufacturing Industries, Power Generation Plants besides entrepreneurship as consultants and contractors.

Inside EEE

The department has initiated an IEEE Student's chapter (Power and Energy Society) and student's forum named "EGNITE" in 2012. Under this forum the department regularly conducts seminars and workshops on solar energy,

renewable energy resources and other topics on latest trends in industry to update the knowledge of the students. The department also arranges industrial visits every year to help students gain practical exposure.

Industrial Visit to Varahi Power Plant:

The Department of Electrical and Electronic Engineering has organized an industrial visit to Sharavati Valley Project, Jog Falls and Varahi Hydro Power Plant, Hosangadi for the students of 5th sem and 7th sem on 13th and 14th of October, 2016 to explore the practical knowledge of the students with four faculty members Prof T G Manjunath, Prof Santhosh BN, Prof Sanjay S and Prof Sukumar SJ. The visit was so interesting, informative and successful. The students acquired practical exposure in the fields of Generation, Transmission and Distribution.00

Industrial Visit to Shivanasamudra (Solar and Hydel Power Plant):

The Department of Electrical and Electronics Engineering has organized the Industrial visit for 4th Semester EEE students to Shivanasamudra (Solar and Hydel Power Plant) on 13th April 2017. Since students study subjects such as Power Generation & economics and Transmission and distribution in their curriculum this visit was very helpful in gaining practical exposure in this domain.

Workshop/Conferences conducted:

PLC- SCADA Workshop:

PLC- SCADA Automation 3-day workshop was conducted by our department during 9th – 11th February 2017 in association with prolific systems & Technologies Pvt. Ltd. in our Institute. Workshop was conducted for final and pre final year students of the department. Workshop was inaugurated by Mr. Shivashankar, Branch Manager, Prolific systems & Technologies Pvt. Ltd., honorable Director Prof. M.R.Holla, & our Principal H.S.Ramesh Babu.

Entrepreneurship Awareness Program (7th November 2015)

Department of EEE conducted Entrepreneurship awareness program in association with EDC, SVIT on 7th November 2015. The intention or goal of this awareness program was to educate students about the importance of being an entrepreneur and also to identify their own talents or skills with respect to the same. EEE faculties delivered lecture talks during this session.

Toppers Meet:

Department of Electrical and Electronics organized “TOPPER’S MEET” on 10th march 2017 to motivate the students for achieving outstanding performance

in their Examinations. The toppers from 2nd, 4th, 6th and 8th semester were called along with all the faculty members of EEE.



Department of Computer Science Engineering

Vision

Contribute dedicated, skilled, intelligent Computer Engineers to architect strong India and the world

Mission

- ✓ Provide quality education in Computer Science by promoting excellence in Instruction, Research and Practice.
- ✓ Promote Professional interaction and Lifelong Learning
- ✓ Encourage the youths to pursue career in Computer domain with modern innovation and ethics.

Program Educational Objectives (PEOs)

- PEO1:** Graduates will have the expertise in analyzing real time problems and providing appropriate solutions related to Computer Science & Engineering.
- PEO2:** Graduates will have the knowledge of fundamental principles and innovative technologies to succeed in higher studies, and research.
- PEO3:** Graduates will continue to learn and to adapt technology developments combined with deep awareness of ethical responsibilities in profession

Program Specific Outcomes (PSOs)

- PSO1:** Demonstrate the knowledge and understanding of working principles, design, implement, test and evaluate the hardware and software components of a computer system.
- PSO2:** Apply standard Software Engineering practices and strategies in software project development
- PSO3:** Demonstrate the knowledge of Discrete Mathematics, Data management and Data engineering.

PROGRAM OUTCOMES (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
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- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
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- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

*I have great pleasure in conveying my best wishes from the Department of Computer Science and Engineering for releasing our college annual magazine **PRATHIBIMBA-2017** which brings the students and teachers of various disciplines on a common platform to share and display their ideas and creative talents. I wish all the students and staff who have involved in bringing out the magazine for their greater success and career ahead.*



Dr. K.G.Mohan

The **Department of Computer Science & Engineering** was established in the year 2008. The Department is affiliated to Visvesvaraya Technological University, Belgaum, and Karnataka. The Department offers B.E (CSE) Undergraduate program and a Postgraduate program M.Tech (CSE). The Department has VTU affiliated Research & Development Centre offering M.S.(by research) and Ph.D. Programs.

The Department is headed by **Dr. K.G.Mohan**, who has a vast experience in academics and research work. The department has an excellent team dedicated and experienced faculty members guided and motivated by **Prof. A. M. Padma Reddy** (founder trustee and Dean of Student Affairs), a renowned author of several computer science and engineering books. The faculties of the department are involved in mentoring and motivating students for their all-round personality development.

Periodically, the department organizes workshops, seminars and Faculty Development Programs to keep the faculty and students abreast with latest innovation and technology. The Department of Computer Science and Engineering has MoU for Research, Consultancy and training with software development companies.

The Department laboratories are well-equipped with adequate computing facility. The campus is Wi-Fi enabled with 100Mbps leased line Internet Connectivity to all students and staff in the college.

A department library is operational apart from the Central library. Department has setup infrastructure for students to take-up massive online open courses through NPTEL, Coursera etc.

Department of Information Science & Engineering

Vision

Architect dedicated and intelligent Information technology engineers to address evolving global needs

Mission

To provide quality education by creating and nurturing innovative and technologically steadfast learning environment.

To inculcate moral ethics in students enabling them to become socially committed professionals with leadership qualities.

Program Educational Objectives (PEOs)

PEO1: Serve as IT professional with proficiency in developing solutions to complex engineering problem

PEO2: Pursue higher education and preserve the essence of lifelong learning.

PEO3: Exhibit high standards of social and professional ethics, entrepreneurship and leadership qualities.

Program Specific Outcomes (PSOs)

PSO1: Analyze, design and develop secure Information system by organizing data efficiently.

PSO2: Analyze, design, develop, test and maintain software that satisfy the specified requirements.

PSO3: Apply the knowledge of network communication concepts, computation and optimization techniques to provide solutions to real time IT problem

Program outcomes (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The Engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

It's my pleasure to write about the Department of Computer Science & Engineering for the year 2016-17 as the year was fruitful with many successes. The department of ISE is headed by Dr. Vrinda Shetty, who has vast experience in academics. The department has an excellent team of young, dynamic & dedicated faculty members who are highly qualified and have vast experience in teaching & industry.



Dr.Vrinda Shetty

ISE department is best equipped department in the region and our students are exposed to a variety of hardware and software platforms. The department has excellent academic record with a total pass percentage of 90% in all semesters. It also holds commendable placement record. The faculties are involved in proctoring, research, conduction of other co-curricular activities like, faculty development programs, Seminars, Workshops & Conferences apart from regular teaching. Students of the department take part in technical contests at state as well as national levels. Few of them are listed below:

Inside CSE and ISE

TechnICS

“TechnICS”, the department forum from Department of **CSE and ISE** was started in 2012-13 under the guidance of Dr. Latha C A and Dr. Vrinda Shetty. TechnICS has built up an impressive strength of students from the Department of CSE and ISE in all its activities. It plays a useful and stimulating role by encouraging or motivating students outside-the classroom studies to identify their interests or talents. The objectives of TechnICS are as follows:

- (a) To plan and organize technical programs and activities such as quiz, workshops, seminars etc for the benefit of students
- (b) To provide a common platform for the students to exchange ideas and information on the topics of their interest.
- (c) To encourage team work and the spirit of self – reliance among the students.

In the year 2016-17 several events were conducted as part of the forum activities. The list of events conducted includes:

- (i) Quiz
- (ii) Tech-talk
- (iii) Qualitative and Verbal Aptitude Essay Writing
- (iv) Paper presentation
- (v) Technical collage
- (vi) Group discussions
- (vii) Industry Oriented Interaction with students of 3rd year and 4th year CSE/ISE by alumni's

The details of few events has been mentioned below

NS2 Workshop:

As part of the forum activity, NS2 workshop was conducted for final year students of CSE/ISE. Resource persons included Dr. Shivmurthy G, Regional centre Muddenahalli and Prof. Yogesh N, Acharya Institute of Technology. The aim of this workshop was to inculcate knowledge on simulation in students. The sessions delivered, provided deeper insight into the subject and were well appreciated by the participants.

Coding and debugging

Contestants are judged for their performance and winners are presented certificates at the end of every semester. Faculty members, who are part of the forum, manage and empower student representatives in planning and managing all forum related activities.

Topper's Meet

Department of Computer Science & Engineering and Information Science & Engineering has practice of organizing '**Toppers Meet**' every semester to motivate the students for achieving outstanding performance in the university examination. Every semester 10 toppers from each class are felicitated. The Toppers meet for odd semester of academic year 2016-17 was organized on 3rd March 2017. Director, Principal and HOD's of CSE & ISE Department graced the occasion.

Smart India Hackathon competition 2017 (1st& 2nd April 2017)

A team of 4th sem ISE students has been selected for the National Smart India Hackathon (a 36-hour non-stop coding contest) 2017, organized by AICTE under aegis of Ministry of Human Resource and Development and in collaboration with i4C, UGC, President Systems Ltd., NASSCOM, Rambhu Prabhodini Mhalgi, Sumasoft Pvt. Ltd, Deloitte, ACM India, NIC, and MyGov. They took active part in the competition held at Noida.

TCS TechBytes Quiz (14th March 2017)

Students of the department have taken part in technical contests at state as well as national levels. A team has won the runner up award at state level TCS TechBytes quiz. TCS had conducted State Level Quiz competition for Engineering Students. TechBytes Initial Quiz at Sai Vidya Institute of Technology was Co-ordinated by ISE and CSE Department. 1st round Quiz was conducted on 15th Feb 2017 with 136 participants from the whole college. Out of 136 students, 10 teams (each team comprising of 2 students) were shortlisted for the next round which was conducted at SIT, Tumkur on 14th March 2017. Prof. Madhuri M, Dept.of ISE and Prof. Meghashree E M, Dept.of CSE accompanied students to SIT, Tumkur. 2 students – M. B. Alka and Manish Sharma from 4th Sem ISE have secured 2nd place & won the education scholarship of Rs.8000.



Department of Mechanical Engineering

VISION

- To establish Mechanical Engineering Department as an excellent centre to produce skilled and intelligent engineers as architects for a strong nation and the world.

MISSION

- To impart quality technical education in Mechanical Engineering domain through an excellent teaching-learning environment.
- Instill ethical values among students to create technologically superior global man power through industry participation.

Program Educational Objectives (PEOs)

PEO 1: Our graduates will be competent with strong fundamentals and sound knowledge in the field of Mechanical Engineering.

PEO 2: Our graduates will practice and incorporate design, manufacture and carryout research activities to mould themselves as successful engineers.

PEO3: Our graduates will process themselves personally and professionally in taking up state of the art technological challenges and pursuing leadership roles.

Program Specific Outcomes (PSOs)

- | | |
|--------------|--|
| PSO 1 | Characterize the performance of a Mechanical component or a Mechanical system using computational tools |
| PSO 2 | Design Mechanical systems including drives, energy conversion systems , RAC and Fluid power systems as per specifications |
| PSO 3 | Select , plan and implement the process for manufacturing of Mechanical elements and for assembly of Mechanical subsystems |

Program outcomes (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The Engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

I am very happy to know that Sai Vidya Institute of Technology is bringing its annual magazine "Prathibimba-2k17". I take this opportunity to congratulate the editorial team of Prathibimba-2k17 for their appreciable efforts in making the institution annual magazine quite informative and attractive.



Prof. Rajaneesh M.K.

The Mechanical Engineering Department at SVIT was established in the year 2010 with an intake of 60 students. The department has initiated its activities with a **vision** of establishing Mechanical Engineering Department as excellent center to produce skilled and intelligent engineers as architects for strong nation and the world. The department has well built team of dedicated teachers and technicians. The department is headed by **Prof. Rajaneesh M.K.** along with a team of enthusiastic and well qualified teaching faculty members with an average teaching experience of 18 years.

Inside Mechanical Engineering

The Department of Mechanical Engineering has organized lot of Technical activities including career guidance program, invited guest lecture programs from prominent industrialists, visits to Industrial plants like Larsen & Tubro Ltd., Rail Wheel Factory, visit to major Power plants like Kaiga Nuclear Power station, Mani dam Power house, Sharavathi Hydro electric power plant etc. to promote industry-institution interaction which is of prime requirement nowadays.

Department of Mechanical Engineering has the credit of participation in academia pavilion IMTEX-2017, an international event in Machine tool manufacturing industry organized by IMTMA, Bengaluru. Ishrae/Ashrae Student chapter in the department is very active and it is providing a platform for students to actively involve and participate in various technical activities being organized. The department of Mechanical Engineering has been given the recognition of Research Centre in Mechanical Engineering under Visvesvaraya Technological University, Belagavi. The Research centre is active with project works sponsored by Ishrae/Ashrae, KSCST and the works of both staff and students have been published with technical paper in International level and national level conferences organized at NIE, Mysuru and PES College of Engineering, Mandya.



Department of Civil Engineering

VISION

“To produce civil engineers with the necessary knowledge, skills, attitudes and to be the fountain-head of sustainable innovations in civil engineering.”

MISSION

- To provide high quality technical education to students for a successful career through professional consultancy, outreach and manpower training, in civil engineering
- To transform the students as Frontrunners and guardians of the natural environment and resources
- Inspiring Innovations and integration of ideas and technologies

Program Educational Objectives (PEOs)

PEO 1: Lead and work in a team with effective communication skills to pursue civil engineering endeavors in multidisciplinary areas.

PEO 2: Function ethically in their profession and meet professional challenges.

PEO 3: Engage in lifelong learning through independent study, participating in professional conferences, workshops or continuing education.

Program Specific Outcomes (PSOs)

PSO1: Impart practical knowledge in planning, analysis, design and construction management.

PSO2: Function as a professional engineer and contribute towards betterment of the society.

PSO3: Function as an individual or in a team to find solutions for civil engineering problems of multi disciplinary nature in the context of environmental and sustainable development.

Program outcomes (POs)

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
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- PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

I am gratified to know that the SVIT is bringing out the second issue of annual magazine PRATHIBIMBA-2017 of this academic year (2016-2017). This is a productive technical/nontechnical, scientific/nonscientific and literary talents and subsidiary skill developing tool for the students. I wish a very big success in all their ventures also applaud the coordination and efforts behind the team to bring out this issue. I wish them all success.



Prof. R. Leeladharesha

The Department of Civil Engineering in SVIT was established in the year 2010 affiliated to Visveswaraya Technological University, Belgaum, Karnataka. Over the years, it has grown into one of the finest centres of learning in the field of Civil Engineering.

The Department is headed by **Prof. R Leeladharesha** who has vast experience in academics and engineering fields who just not encourages with the academics but also shows keen interests in students with extra curriculum activities such as Sports and Cultural activities.

The Department offers Under Graduate Program in Bachelor of Engineering (B.E) in Civil Engineering with an intake of 60 students. The Department has well experienced faculty members to provide the best of engineering knowledge to the students. Well established laboratory, timely conducted workshops, seminar and Faculty Development Programmes help both faculties and the students with the latest technical skill and global exposure.

A department library is operational apart from the central library. Department has set up an infrastructure for students to take up massive online open courses like NPTEL, IIRS and GIS & Remote sensing course from ISRO.

Forum Activity

Survey Camp: Department of Civil Engineering conducted Extensive survey project for 5th sem Civil Students as per the academic curriculum, which is one among the best training the students can get. Here is a glimpse of the survey conducted from 22nd Jan - 31st Jan 2017. The best batch will be awarded with the best survey batch award with a cash prize to encourage them and bring the best out of the students.

IISc Visit: Students of first year Civil were taken to IISc, Bangalore for the open day exhibition on March 4th 2017 in view to help them with the upcoming science and engineering techniques.

Industrial Visit: The students of 7th Sem Civil were taken to the Sewage water treatment plant on 17/09/2016 at Yelahanka Sewage Treatment plant to learn the safe disposal of sewage.

Visweswaraya Bust Inaugural at College Premise: The outgoing students of 2016 planned and designed a bust of Sir. M. Visveswaraya, the great Civil Engineer. The students contributed and set an example for the upcoming juniors.

Workshop on Urban transportation management (UTM-2017): 11 Students of 6th sem civil attended a one day workshop on **Urban transportation management (UTM-2017)** held on 11th March 2017b organized by the Highway Engineering Alumni, Bangalore University.

Symposium on “Building expertise and enhancing employability in various untapped sectors.”:Students from final year nearly 24 in numbers attended the **Symposium on “Building expertise and enhancing employability in various untapped sectors “ held on 24 March 2017 at VTU regional office RHCS layout ,Nagarabhavi.**

ACHIEVEMENTS OF STUDENTS AND FACULTIES

1. KSCST approved projects from the Department of Civil Engineering

Following are few projects of students approved by the KSCST

Project :1

“Design of water supply distribution network at Rajanukunte, Bengaluru-64”

Students:

1. Girish K S
2. Srikanth G
3. Prashanth Balutagi
4. Kiran M Jeeragi

Under the Guidance of

Devika Rani

Prof. of Civil Engg Dept.

Project :2

“Case study to locate and analyse conflict points and deficiencies in K.R.Puram junctions and streets Bengaluru urban areas including in remedial measures to be adopted to increase level of service”

Students:

1. Dhamaresh L
2. Arun .M
3. Soundaraya K
4. D.M Sunil kumara

Under the Guidance of

Gowtham .B

Prof. of Civil Engg Dept.

2. ISRO COURSE (ONLINE EXAMINATION)

Students and staff of Civil Engineering Department are very much included with online courses conducted by ISRO from past few years.

16th IIRS Outreach programme on Geo Spatial Technologies for urban planning held from 11-2-2016 to 15-3-2016. 18th IIRS Outreach programme Remote sensing and GIS application in carbon forestry held from 16-2-2016 to 10-3-2016 .20th IIRS Outreach programme “Basics Remote sensing, Geographical information system and navigation satellite system” examination held on 22-8-2016 to 18-11-2016.

3.INTERNSHIPS: Many students from Civil Dept. did a five day internship in Bangalore Metro Rail Corporation Ltd. Prashanth ,(1VA13CV030) 7th Sem, B.E civil student completed an internship program from a very well-known company L&T from 1/07/2016 to 31/07/2016.

4. INTER COLLEGE TECHNICAL FEST.

- **Nagarjuna College of Engineering**

Paper presentation 3rd place: Sherya Shivakumar and Vipul Singh

Technical Quiz 2nd place: Keerthi priya and Radha

Technical Quiz 3rd place: Rajani Hegde and Veerendra Reddy

- **Sri Krishna institute of Technology. (27/04/2017)**

Technical Quiz: 1st place – Rajani Hegde and Keerthi priya

Technical Quiz: 2nd place – Anil kumar L T and Yogeesh K L

- **S.J.C.I.T (3/05/2017-04/05/2017)**

Students of 6th sem Civil attended two day National Conference on Recent Advances in Civil Engineering Race organized by Dept of Civil of SJCIT, Chikballapur from 3rd to 4th May 2017 in which students won the first place in paper presentation.

Fastest surveying 1st place: Anil kumar L T and Yogeesh K L

Town planning, smart city model 1st place : Kiran kumar R and Pavan Gowda R

6. NPTEL Courses

Students and faculty actively registered and successfully completed various NPTEL courses offered by the IIT's apart from their curriculum. Students opt the subject of their choice or the course in their area of interest and successfully completed in courses like:

- Geographical information system
- Digital Mapping and surveying
- Fluid Mechanics
- Concrete Technology
- Soft Skills and communication
- Global Positioning System



DEPARTMENT OF MATHEMATICS

VISION

To transform young people to be competent and motivated professionals with sound theoretical and mathematical knowledge across the globe.

MISSION

- Provide strong mathematical foundation to augment all disciplines of technical education.
- Enable the students for mathematical modeling and analytics in the engineering field.

Hearty congratulations to the editorial team for bringing out SVIT annual magazine PRATHIBIMBA-2017. It is a matter of great pleasure for me to go through the wonderful contributions made by the students and staff. This magazine is intended to bring out the hidden literary talents in the students and the teachers and to inculcate leadership skills among them. The outside world will come to know about the caliber of the students and the faculty through this magazine. I extend my thanks to all the contributors for their articles, poems and drawings.



Dr. Lakshminarayanachari.K

The Department of Mathematics is one of the pioneering departments of the institution that offers assistance to many engineering courses of the college. It is committed to the cost of quality education in mathematics that forms the basis for all the engineering fields, a field growing in leaps and bounds. The department strives to achieve global identity through innovative methods and constant efforts for the betterment of the student's community.

The Department of Mathematics is headed by **Dr. Lakshminarayanachari.K**, having experience of 16 years in teaching and research field. He completed his doctoral degree from Bangalore University in the year 2009 and has guided two students for their doctoral degree. Presently five students are pursuing Ph.D under his guidance and he has published 23 research papers in reputed national and international journals.

Dr. Arun Kumar. R, Associate Professor in the department having experience of 15 years in teaching and research field. He completed his doctoral degree from Visvesvaraya Technological University in the year 2015 and is guiding three students for their Ph. D degree.

The Department of Mathematics is recognized as a research and development center (**R&D Centre**) by Visvesvaraya Technological University, Belgaum and currently five students are pursuing their Ph. D in this center. The department consists of six qualified, experienced and dedicated faculties, who are involved in teaching and research activities.

DEPARTMENT OF CHEMISTRY

VISION

Produce knowledgeable graduates for careers in science and technology, future leaders in advanced research in applied chemistry.

MISSION

Escalating students with basic foundations in engineering chemistry, to identify and solving problems related to applied chemistry.

I am delighted to know that our college is bringing out a magazine PRATHIBIMBA -2017 for this academic year. It is a nice platform for both the faculty and the students to exhibit their talents. I strongly believe that it would be an excellent medium through which the world can learn about the potential and achievements of SVITians. I hope that this would be an ongoing process and the magazine would bring out the latent talent of everyone. I join others in appreciating and recognizing the hard work of the editors and the magazine committee in bringing out the magazine and in wishing them success in their



endeavour.

Dr.Prashanth.P.A

The Department is headed by **Dr. Prashanth P. A.** The Department is one of the leading among the basic science stream of Sai Vidya institute of Technology consisting of qualified teaching professionals. The faculty members prepare students to gain knowledge in applied chemistry which is a base for all fields of engineering. The laboratory is built with area of 250 Sqm to accommodate thirty students at a time for engineering chemistry lab class. State-of-the-art equipment is provided in the laboratory for first year students to conduct experiments *in engineering chemistry lab included in University curriculum*

The department has been recognized as Research Centre by Visvesvaraya Technological University for conducting Ph.D. programme. Material science research is carried out continuously in the department by publishing high standard research articles in peer reviewed international journals.

DEPARTMENT OF PHYSICS

VISION

To contribute a proficient engineers with strong foundation of fundamentals and advances in physics

MISSION

- To impart basic concepts of physics to aspiring engineers enabling excellence in their domain.
- To inculcate awareness about the latest developments in applied physics.

I am happy to learn that SVIT is coming out with the annual college magazine PRATHIBIMBA-2017. Efforts such as this will provide an opportunity for the staff and students to showcase their talents in technical writing, essay and poetry writings, sketching and drawings, among others. Such value additions are very much essential for the young technocrats and engineers. I sincerely appreciate and congratulate the editorial team for their unremitting efforts in compiling this magazine.



Prof. Shankar. P

The Department is headed by **Prof. Shankar P**, a highly qualified professor with an experience of more than 15 years. The department has a spacious and well equipped laboratory. Efficient teaching along with the best training in laboratories is the highlights of this department, thus maintaining 90-95 percent aggregate results in the theory examination and 100 percent results in Practical examinations of VTU.

The department emphasizes on the importance of practical training to supplement class room teaching. In this connection, all the students are encouraged to conduct experiments on their own. The department provides required materials and gadgets to students to try hands on experience, in practical classes. The department also encourages research, publications of papers and seminars by regularly conduction of seminars & guest lecturers by inviting experts from industry, IISc, ISRO and other research organization to keep students abreast with latest trends.

DEPARTMENT OF MBA

VISION

To be an anchor in management by developing leaders in business and entrepreneurs steering organizations in a holistic manner.

MISSION

- Committed to serve the various stake holders by ensuring healthy competitiveness through business administrators and entrepreneurs.
- Develop professionals well equipped to lead with state-of-the-art management skills through innovative ideas and human concern

I am extremely happy to learn that our college brings out an annual magazine PRATHIBIMBA-2017, highlighting the activities of our institute in the academic year 2016-17. It is an active platform for both staff and students to showcase their academic talents and imaginations. I extend my best wishes and greetings for the release of our college magazine.

Dr. Jogish. D

A pioneer in imparting quality education in management since 2009. The goal of the department is to empower students with knowledge and skills through all round development of body, mind and soul.

The entire infrastructure at the campus is designed to help students achieve these goals with the support of two year education program. Students have access to an excellent library and a management laboratory with a state-of-the-art computer centre. Our alumni's hold important positions in top Corporate Offices all over the Nation. The two-year postgraduate program (MBA) is a four semester course affiliated to VTU and approved by the AICTE, New Delhi. The program is conducted by experienced full-time faculties and professionals from industry. The department of MBA is headed by **Dr. Jogish D.** He has a perfect blend of industry & academic exposure, having experience of more than 21 years. The department consists of well experienced and qualified faculties who on an average have



more than 10 years of teaching experience. The department offers specializations in three areas i.e. Finance, Marketing and HR.

PRATIBODH

Pratibodh 2017 took off on a flying start on April 20 & 21 , 2017 at the SVIT Campus in Rajanukunte, Bangalore. A distinguished gathering comprising of Chairman & Managing Directors of Nav Ratna Companies were present for the inauguration.

The theme for the conference was “Shaping the Future : Digitize India ! Start up India !”. After a very thought provoking address by the Conference Chair and Principal, Dr Ramesh Babau HS , In keeping with this theme the Chairman & Managing Director Mr Deepak Hota gave a very invigorating and motivating Key Note Address. This was followed by a stimulating talk by the Chief Patron of the conference, Founder Trustee & President and Director Professor Holla . The Convener and HoD , Department of Management Studies , Dr Jogish introduced the Chief Guest.

A very thought provoking panel discussion was conducted by Mr Priyan R Naik, Associate Professor, Department of MBA with the distinguished Panellists comprising of Mr Sunil Sharma, Former Chairman & Managing Director, Bharath Electronics Limited, Mr P Dwarkanath, Former Chairman & Managing Director BEML Limited and Mr S J Muralidhar Head of Flight Safety Air Asia India . They shared a wide range of thoughts on Entrepreneurship, digitization and future careers for SVIT and other students.

The Paper Presentations began soon after classified in to HR, Finance, Marketing, General Management & Engineering themes. The conference met with an overwhelming success and a total of 80 Papers were selected from over 125 papers that came in . 80 Abstracts were compiled in a booklet comprising of the Conference Proceedings and was released at the Inaugural Ceremony . A valedictory function was conducted on the 2nd day.

The National Conference was a resounding success. Each session was received exceptionally well by the audience who conveyed their appreciation in the feedback forums provided for this purpose

The distinguished panel at the Inaugural session. (From L to R) Dr Ramesh Babu, Principal SVIT, Mr Sunil Sharma , Fmr Chairman & Managing Director Bharat Electronics Limited, Professor Holla, Founder and President SSVSS, Mr Deepak

Hota Chairman & Managing Director BEML Limited, Mr P Dwarkanath, Fmr Chairman & Managing Director BEML Limited, Mr S J Muralidhar, Head Flight Safety, AIRASIA India



Professor Holla Founder and President SSVSS, presenting a memento to Mr Deepak Hota Chairman & Managing Director BEML Limited.

The Panel discussion at Pratibodh 2017. (From L to R) Mr Sunil Sharma , Fmr Chairman & Managing Director Bharat Electronics Limited, Mr Priyan R Naik, Associate Professor, Department of MBA, Mr P Dwarkanath, Fmr Chairman & Managing Director BEML Limited, Mr S J Muralidhar, Head Flight Safety, AIRASIA India



The distinguished panel releasing the Proceedings of the National Conference, Pratibodh 2017



International participant Mr Kwadwo Boateng from Ghana, lighting the lamp at the beginning of the conference. Professor Holla and Dr Ramesh Babu look on.

DEPARTMENT OF LIBRARY AND INFORMATION CENTER

Sai Vidya institute of technology Library and Information Center has emerged as a center of attraction with its modern library features, state of the art facilities updated collections. The Center is headed by **Dr. Harish H.T.** It has crossed many milestones developmental stages, by its continuous resource enrichment, continuous infrastructural developments and implementation of new technologies since 2008.



Dr. Harish H.T. The Library uses easily software package which is an integrated multi-user library management system that supports all in-house operations of the Library. The Easylib consists of modules on acquisition, cataloguing, circulation, serials, article indexing and OPAC. Retrospective conversion of bibliographic records has been completed and more than 15249 bibliographic records of books available in the Library can now be accessed through the OPAC Search. The database of books available in the Library is being updated on day to day basis with details of recently acquired books. The editing and updating activities are in progress

SVIT Library and Information Centre is aesthetically housed in a four floored building with an adequate space and good ambience. The library (Includes MBA and M.Tech. Department Library) has a total collection of over 16705 volumes of reference and textbooks, 4640 titles, 53 national and 32 international reputed print journals covering all branches, besides 1250 learning CD-ROMS, Data Books, Project Reports and E-Resources. Under VTU Consortium for E-Resources, IEL/IEEE, Springer, Taylor & Francis, ProQuest, KNimbus, (For MBA) ProQuest and Emerald (Total E-Journals 6197) and all subject E-Books (Total E-Books 13139) online E-resources and digital library full-text journals access facility.

Main features of SVIT Library and Information Center is:

- Fully automated with OPAC facility
- Digital Library service, Bar coded for fast transaction
- User friendly: with fully open access and well organized arrangement
- Infrastructural well developed and good ventilation ambience
- Good services with well experienced and dedicated staff



Message from the Physical Education Director

Congratulations to the editorial team for their determined efforts in bringing out this magazine.

We are all proud that SVIT has completed nine academic years and enriched the lives and lifestyles of more than a thousand students and staff.



Sri.VINOD B S
B.A, B.P.Ed, M.P.Ed, M.Phil
Physical Education Director

The department of physical education is headed by **Mr Vinod B.S**, supported by **Mr Mahesh A**, assistant in the department. It was quite inspiring to watch and witness the potential of our students unfolding at various stages and situations each day. Trying and testing times during the hectic semester system have elected our students to put forth their best in Sports. The management and the staff have been supportive of the various sports activities that were undertaken by the students in view of helping them reach the pinnacle of perfection and professionalism in whatever task they took on, thus strengthening our “journey of achieving excellence in sports”



Mr. Mahesh A.

The students have been fostered to be “humane professionals” in every act and there is no doubt that our outgoing batch of 2008-2016 will indeed reach greater heights in life. Best wishes and blessing to our dear outgoing students of the “Batch 2008-2016”.





NATIONAL SERVICE SCHEME

The NSS unit of the Sai Vidya Institute of Technology has 640 student members and approved by VTU. The unit is headed by **Dr. Harish H. T.** Chief Librarian & NSS Program Officer. The social activities aim to include social welfare in students, and to provide service to society without bias. NSS volunteers work to ensure that everyone who is needy gets help to enhance their standard of living and lead life of dignity. The Sai Vidya Institute of Technology students actively participated in events conducted on behalf of Sai Vidya Institute of Technology NSS unit.

The NSS unit has organized

1. Swachh Bharath Pakwada program in association with Rajanukunte Grama Panchyath.
2. Blood Donation Camp in association with LIONs Club Bangalore South.
3. Tree Adoption program in association with Happy World Foundation, Bengaluru.
4. Pulse Polio Camp in Rajanukunte in association with Government Primary Health Care Centre Rajanukunte, Bengaluru. Date: 2/4/2017 & 30/04/2017
5. Organized Dr. B. R. Ambedkar Birth anniversary as Jal Diwas in association with CWC (Central Water Commission, Govt. Of India) Seminar to the farmers of Rajanukunte village, to how to utilize the water resources.

From our college 2 NSS volunteers deputed for 7 days leadership camp organised by VTU, Belagavi.



RED CROSS YOUTH WING

RED CROSS YOUTH WING of SVIT is headed by **Prof. Sukumar S.J.** assistant professor from department of EEEAs Programme officer. The unit is meticulously involved in organizing multiple events creating social awareness and lending its helping hand to serve public health and environmental concern initiatives. Science has become more multidisciplinary, promoting cooperation and integration between them. Vast portfolio of useful technologies can solve many of the problems humankind is facing now, only if approach to science and technology is more holistic.

RED CROSS YOUTH WING of SVIT wishes **PRATHIBIMBA-2017** to continuously kindle innovative and creative sparks to light up SVIT to grow and glow. Red Cross youth wing-SVIT has conducted following events successfully during the academic year 2016-17.

“SAY NO TO CRACKERES” collage event on the occasion of diwali, to bring environmental awareness. Blood donation camp is organized in association with RED CROSS, Bengaluru division. Swach bhharath Abhiyan is conducted in association with NSS SVIT.

DEPARTMENT OF TRANSPORTATION

The department of transportation is headed by **Mr Prasad**. The college has a fleet of 10 buses running from different parts of Bangalore for comfortable and tension free commuting of students and staff. The charges are nominal and affordable. Pick up and dropping off points will be as per the convenience of students and staff. There is a plan to add more buses to the fleet so as to spread the wings of transportation to almost every nook and corner of Bengaluru.



SVIT-Women Cell “SARA”

For gender equality & gender justice in all its intervention & practices, Woman Cell “SARA” was inaugurated on 8th Of March 2017.

The Chief Guest for the inauguration Prof. M. R. Holla, Honorable Director of Sai Vidya Institute of Technology, Guest of Honor Prof. Y. Jayasimha, Founder Trustee & Dean Academics, Prof. R C Shanmukha Swamy, Founder Trustee & Dean Administration and Prof. A. M. Padma Reddy, Founder Trustee & Dean Student Affairs in the presence of Dr. H. S. Ramesh Babu, Principal. The Convener of “SARA” Dr. Chitra Kiran N, Professor and HOD Department of ECE and also Prof. Sujatha Mukharji presided the occasion.

The functions of the cell are to purely safeguard the rights of female students, faculty and staff members of women and also to provide a platform for listening to complaints. The Cell also tries to incorporate hygiene habits and ensure a healthy atmosphere in and around the college. It tries to equip them with the knowledge of their legal rights and redressed of their grievances.



Placement and training Center

The Placement and Training Centre is headed by an experienced and well qualified personality **Dr. Jogish D.** The Training wing consistently researches and interacts with recruiters to understand their expectations from prospective students and creates and executes an annual roadmap for training. Students are trained in Communication, Soft Skills at the first year level itself to prepare them for Industry expectations. Training on Technical, Aptitude and other essential techniques to solve logical and aptitude problems to improvise on their conversational, oratory skills, personality and competency in strengthening the technical concepts is imparted by the end of their third year course. By this process, they are enabled to satisfy the expectations of the industry. Many companies like the quality of our students and are glad to give opportunities to our students.





Students placed - 02 (View List)
Average Pay package (in lakhs) - 3.25
Students of stream - ECE, CSE, ISE, EEE

IBM



Students placed - 26 (View List)
Average Pay package (in lakhs) - 3.6
Students of stream - All Branches

MICROLAND®

Students placed - 27 (View List)
Average Pay package (in lakhs) - 2.85
Students of stream - CSE, ISE, ECE, EEE

TECH MAHINDRA



Students Placed - 21 (View List)
Average Pay Package (in lakhs) - 3.0
Students of Stream - CSE, ISE, ECE, EEE

MPHASIS



Students placed - 08 (View List)
Average Pay package (in lakhs) - 2.4
Students of stream - CSE, ISE, ECE, ME

HPE



Students placed - 05 (View List)
Average Pay package (in lakhs) - 5.0
Students of stream - All Branches

NTT DATA

Students placed - 01 (View List)
Average Pay package (in lakhs) - 3.0
Students of stream - CSE, ISE, ECE, EEE

ELECTRO FIBRES



Students placed - 13 (View List)
Average Pay package (in lakhs) - 1.8
Students of stream - All Branches

WYNXGROUP



Students placed - 14 (View List)
Average Pay package (in lakhs) - 2.4
Students of stream - All Branches

G7 CR TECHNOLOGIES



Students placed - 02 (View List)
Average Pay package (in lakhs) - 2.4
Students of stream - All Branches

Tech Mahindra

Students Placed - 21 (View List)
Average Pay Package (in lakhs) - 3.0
Students of Stream - CSE, ISE, ECE, EEE

MILOPLE



Students placed - 02 (View List)
Average Pay package (in lakhs) - 3.0
Students of stream - CSE, ISE, ECE, EEE



STUDENT ACHIEVEMENTS

PHOTOPTICS 2017 was the **5th international conference held in Porto, Portugal**. It was the 5th International Conference on Photonics, Optics and Laser Technology. This conference was sponsored by INSTICC and was technically co-sponsored by IEEE Photonics Society etc. It was a truly spectacular an opportunity to attend this international conference held at Porto, Portugal. I presented a paper on **“Improved Light Extraction Efficiency of Organic Light Emitting Diode using Photonic Crystals”** in this conference which is **published in SCITEPRESS Digital Library**.

It was a great opportunity to attend such a prestigious conference as an undergraduate student and present a paper. Attending such conferences not only helps in improving our technical knowledge but also builds a lot of confidence and provides a great exposure to meet Professors from top universities, industry people and students.

Being an undergraduate student it was a great task for me to convince the PhD people. I was able to do my best. It was a wonderful experience on the whole. My sincere thanks to our Dean R&D Dr. Narayan. K without whom this would not be possible. I would also like to thank Prof. Chaya, Prof. Venkatesh and the college for all their support and help.

N. Ananya

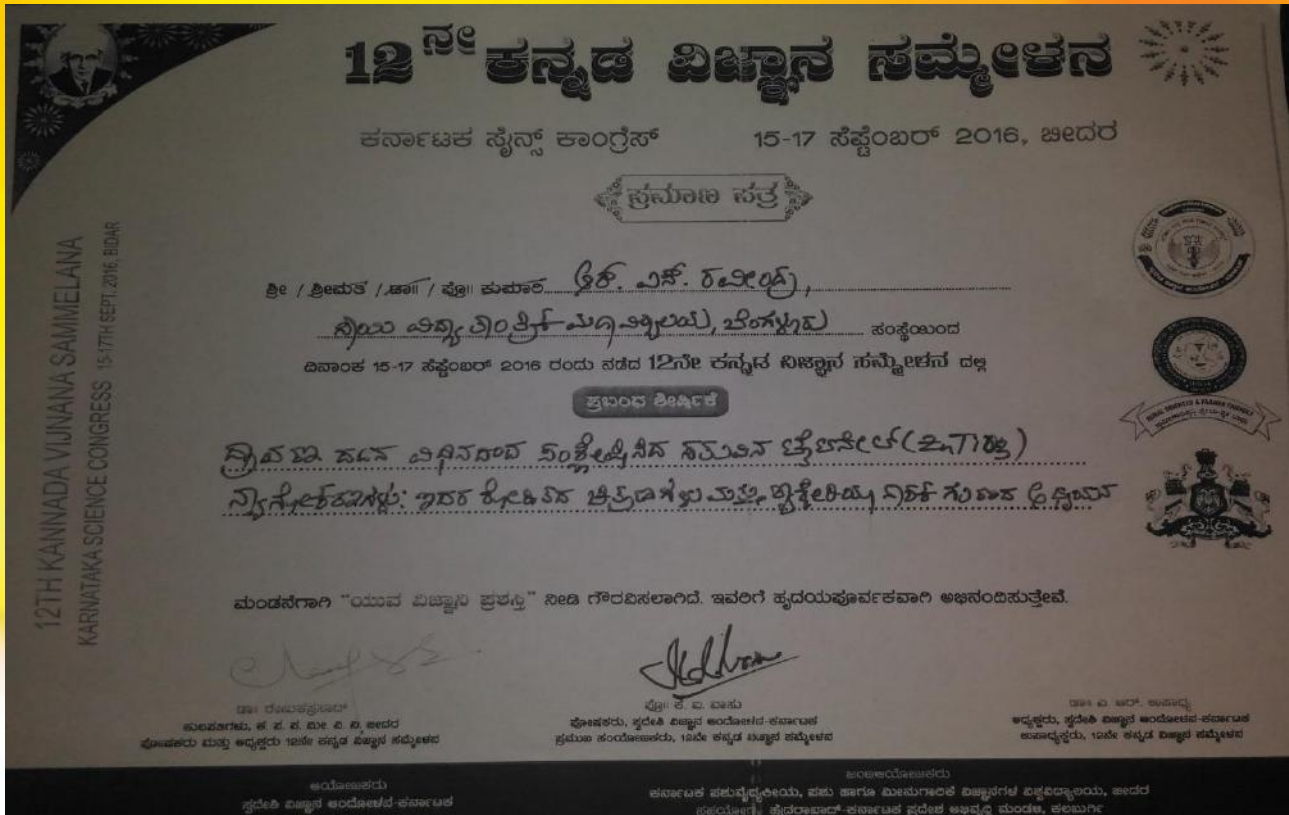
ECE 8th semester



STAFF ACHIEVEMENTS

Prof. Raveendra RS from the department of chemistry has been awarded with “YOUNG SCIENTIST” Award in 12th Kannada Vijnana Sammelana held at Karnataka University of Veterinary and Fishery Sciences, Bidar on 15th Sep, 2016

He has also received “Best Paper Award” in the National Conference on “Nano Science- A Multi Disciplinary Approach” held at Mount Carmel College, Bangalore on 10th-11th Feb, 2016.

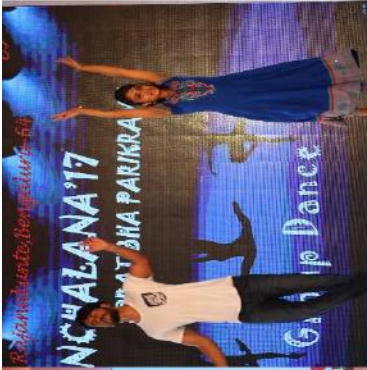


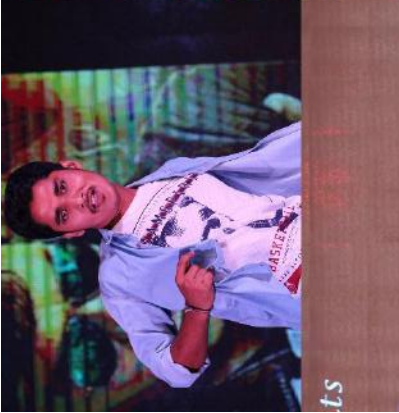
A year through "SVIT"















CSE STAFF & OUTGOING STUDENTS



CSE STAFF



ECE -A STAFF AND OUTGOING STUDENTS



ECE -B STAFF AND OUTGOING STUDENTS



ECE STAFF



EEE STAFF AND OUTGOING STUDENTS



EEE STAFF



HODS



ISE STAFF & OUTGOING STUDENTS



ISE STAFF



MECH STAFF & OUTGOING STUDENTS



MECH STAFF



CIVIL STAFF & OUTGOING STUDENTS



CIVIL STAFF



BASIC SCIENCE STAFF



MBA STAFF & OUT GOING STUDENTS



LIBRARY STAFF



PLACEMENT CELL

Maximize Your Engineering Degree

Getting into engineering is most popular option for students after 12thstd. Normally they pick particular stream of engineering based on the knowledge gathered though the years and some social pressure. Initially students will have an idea about their expectations at the end of four years like a good career at a reputed company where they can apply the skills gained during the course of under graduation or perusing higher education. Fast forward four years, most of the students will appear for an interview for a company where role that does not match what they studied and what they want. Is there a way to change? Is there way to maximize one's engineering degree so that their dreams are nurtured and realized? The answer is yes.

Start small

Capitalize on the excitement during first year as you enter collage you are excited about the various possibilities you can explore. Utilize this excitement in a positive way and find a problem you would like to work on. Anything that irritates or amazes you in daily life must be the perfect starting point.

Skill Development

While first year was about experimenting, the second is about acquiring skills that help you solve the problems that interest you. Look out for opportunities that present this learning experience. There are multiple ways in which one can acquire a skill.

- Intern at a company that develops the product you are interested in. Network yourself into the company; be open to working on anything the company wants you to work on.
- During your free time learn the skills you want to acquire by associating yourself with the right people in the company.

- Join a club or a team in your collage that works on the skill set you want to acquire.
- The next option is to enroll in a project based coursework outside collage.

Specialization

Your experiments from the first year and the skills you acquire in your second year will give you a sense of what do you want in the future. You might appreciate certain topics; pick one of them and develop its real world application.

Find your interest

By the final year, most of you would have figured out what you want work on, but some students may still not be sure. Here is a quick hack to find your interest.

Pick your transcripts and choose 3-5 subjects in which you scored the most. Amongst these courses, pick one that looks interesting and start working on a project. Projects, internships, competitions and hands-on experience in the four years of your course will give you a glimpse of what you like; look at ways in which you can pursue it further. Irrespective of which year you are in, you can apply these four steps. Enthusiasm, experimentation, perseverance and friends define our college days. All we need to do to get the most out of our engineering degree is to channelize these four factors productively. The recognition, knowledge and the fun while doing all this will make your under graduation worth the money you spent.

Prof. Vijaya. B, Associate Professor

Dept. of Mech Engg.



Bloom Energy

Bloom Energy, a new class of energy is making clean, reliable energy affordable. It's unique on site power generation systems utilize an innovative fuel cell technology with roots in NASA's Mars program. By leveraging breakthrough advances in material science, Bloom Energy systems are among the most efficient energy generators, providing for significantly reduced operating costs and dramatically lower greenhouse gas emissions.

Bloom's energy servers which work on solid oxide fuel cells are a new class of distributed power generation which facilitates power generation onsite. This eliminates the complexities, interdependencies, inefficiencies and cost associated with power generation. It is clean and continuous and scores over other distributed generation systems such as generators and solar energy.

Fuel cells are devices that convert fuel into electricity through a clean electrochemical process. Typical solid oxide fuel cells operate at a temperatures ranging between 600°C to 1000°C. Fuel and air enter the cell through the fuel input. Oxygen decomposes to form oxygen ions which move towards the anode through solid electrolyte material and oxidizes the fuel. This forms water and electrons. The electrons move into the external circuit where they do work. The cycle repeats as they reenter the cathode.

Bloom energy differs from conventional fuel cells since it uses low cost materials, possesses a high electrical efficiency and has fuel flexibility with respect to both renewable and fossil fuels. Bloom energy servers are multifold in function capable of both energy generation and storage. Each fuel cell is comprised of a flat solid ceramic square made from sand like powder with a capacity of 25W. For a greater capacity several cells are sandwiched with metal interconnected to form a stack.

In addition to the above benefits, Bloom Energy offers customers the opportunity to produce their own electricity for less than they pay today. This is accomplished by using widely available, inexpensive materials leveraging proven manufacturing techniques, and delivering an extremely efficient system with efficiency nearly twice that of conventional technologies. Blooms Energy systems are capable of running on a wide variety of renewable and fossil fuels.

To sum it up all, few would pay more to be green, but wouldn't everybody go green to save money? For far too long, companies have been forced to choose between their budget and their conscience. Bloom energy is changing that paradigm.

When operating on pipeline- delivered natural gas, Blooms systems efficiently and electrochemically convert that fuel into low carbon base load electricity. The same Energy servers can also provide a carbon neutral generation solution operating on renewable fuels such as biogas.

Prof. Praveen B.R.
Assistant professor
Department of EEE

Concept of psychological well-being

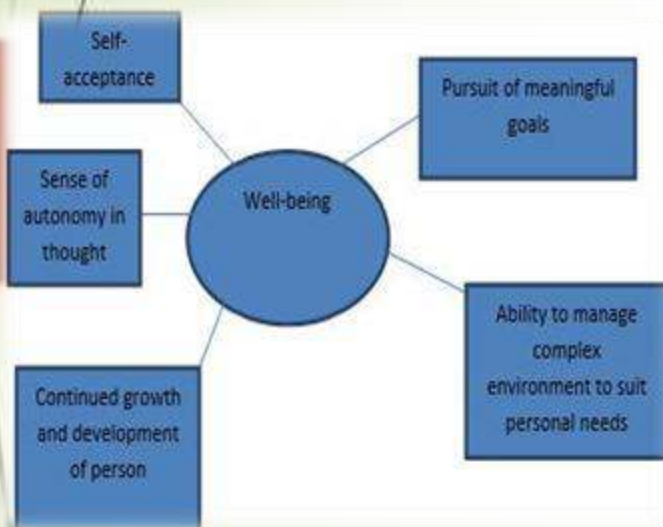
Introduction

Modern world poses certain challenges and uncertainties for individuals.

Examples: students may be exposed to academic pressure, 'final year students' to finding suitable placement. Working women may have to balance home and working environment while men may encounter seeking suitable employment issue. Hence considering the above challenges, the concept of understanding and practicing psychological well-being becomes utmost important and appropriate.

It means that Psychological well-being is a state of being 'comfortable, healthy and happy. It is a combination of 'feeling good' and functioning effectively in all spheres of life i.e., emotional, social, physical moral area and have satisfying relationship interactions with people. Psychological well-being was advocated primarily by 'Carol Pyff' in her paper 'Happiness is everything or is it'?

Dimension, concept of well-being



Methods to improve well-being

- 1) Increasing physical well-being. According to clinical psychologist John Duff 'Exercising' and eating nutritious food at regular intervals will help the body and mind to manage difficulties including anxiety and depression.
- 2) Acceptance of feelings – Acknowledging, understanding and need to experience feelings fully and not avoiding. Writing down negative feelings or sharing also helps.
- 3) Living in the present without focusing on past.
- 4) Taking risks, E.g. Setting goals, something that pushes you out of your comfort zone.
- 5) Knowing and 'living values' will lead to sense of balance.
- 6) Understanding 'Strength' and 'Weakness' and working to improve weakness areas.
- 7) Understanding and changing from negative to positive thought, by practicing gratitude and letting go of pain.
- 8) Indulging in quality time by relaxing, pursuing hobbies, games for which person has passion
Eg: music, dance
- 9) Being 'Introspective on regular basis' is very important and it will lead to positive changes.
Hence practicing above techniques will lead to positive well-being.

Conclusions:

Ignorance of well-being over a period of time could lead to dissatisfaction, mental distress and finally may lead to mental health disorder.

Mrs. Chetana Srinivas
Counsellor -SVIT

L.P.G

India's post-independence development strategy showed all the signs of stagnation, but the economy started showing the sign of recovery in the early nineties when the government adopted the new economic model known as Liberalization, Privatization and Globalization (LPG) to meet a grave economic crisis. This LPG phenomenon was first initiated in the Indian Economy in 1990 when the Indian Economy experienced a severe crisis. There was decline in the country's export earnings, national income and industrial output. That is when the government decided to introduce the New Industrial Policy (NIP) in 1991 to start liberalizing the Indian economy.

The former prime minister P V Narasimha Rao, who spearheaded economic liberalization policies in the early 1990s. Rao was often referred to as Chanakya for his ability to steer tough economic and political legislation through the parliament at a time when he headed a minority government.

Prime Minister Narasimha Rao, along with his finance minister Manmohan Singh, initiated the economic liberalization of 1991.

Liberalization means elimination of state control over economic activities. It implies greater autonomy to the business enterprises in decision-making and removal of government interference.

The major aspects of liberalization in India were;

- Abolition of licensing
- Liberalization of Foreign Investment
- Relaxation of Location Restrictions
- Liberalization of Foreign Technology imports etc.

Privatization is the transfer of control of ownership of economic resources from the public sector to the private sector. It means a decline in the role of the public sector as there is a shift in the property rights from the state to private ownership.

The main aspects of privatization in India are as follows;

- Autonomy to Public sector
- Dereservation of Public Sector
- Disinvestment Policies

Globalization essentially means integration of the national economy with the world economy. It implies a free flow of information, ideas, technology, goods and services, capital and even people across different countries and societies. It increases connectivity between different markets in the form of trade, investments and cultural exchanges.

The main elements of globalization were;

- Opens the domestic market for the inflow of goods.
- FDI increases the foreign capital income of the country.
- It enables the foreign currency transactions.

Impact: The impact of these reforms may be gauged from the fact that total foreign investment (including foreign direct investment, portfolio investment, and investment raised on international capital markets) in India grew from a minuscule US\$132 million in 1991–92 to \$5.3 billion in 1995–96.

Hampesh K.R.

II Sem , Mechanical Engineering

Do you fear?

Fear is an unpleasant emotion and is difficult to define it. It is a normal emotion that everyone experiences and can be overcome by trial. If you prefer a back seat in a meeting when the front seats are vacant, the reason is not lack of enthusiasm but lack of confidence. For many of our fears, the reasons are very hollow. With slight introspection and practice we can fight many of them.

Consequences of fear:

- *Fear can be negative or positive.*
- *Fear of insecurity kills employment opportunities like fear to go abroad, fear o shift from an unsatisfied job.*
- *Fear is letting irrational believes ruin common sense like marking on the belly with hot iron rod to treat chronic stomach aches.*
- *Fear of superstition blocks decision making abilities like not stepping out for an interview as the time is inauspicious.*
- *Fear of uncertainty compels to accept negative screenplays given by others.*
- *Fear of threat by others.*

Fear is not a problem: it's a weakness. Kill the fear before it kills you.

- *Don't fear failure. Be aware that success is waiting at the door step.*
- *Taking risk is not dangerous. Not taking risk is the highest danger.*
- *Failure is not your inability. It's the ignorance about your ability.*
- *Don't fear that you may lose everything if you don't try. You will be left with nothing if you don't try.*
- *Failure does not mean that you are ruined completely. It means that you are more experienced now.*

Decision Making

Decision making is the cognitive process of selecting among several alternatives. We make thousand decisions per day, first being whether to get up or stay in bed. Life management includes simple things like deciding about type of cloth, newspaper to read and major issues like choosing a career and completing the project ECT.

Good decision makers often do make instant decisions, but assess the long term implications also. Whether to take a decision now or later is also a decision.

Here are few tips for a good decision:

- Is it practice? Can I do it or am I too optimistic or pessimistic about my capabilities?
- How much time should I spend on thinking for a decision? Is it really necessary to spend that much time?
- Is it my business? Or for someone else? Am I giving an uncalled for advice?
- Am I too selfish to take this decision? If my decision is to affect others, am I considering their loss and their values? What affect this decision would have on my relationships?
- Am I sticking wrongly on to the first thought that occurred to my mind? Am i taking decision by flipping a coin, cutting a deck of playing cards or by the words of a fake astrologer?
- Am I one among many those people who does not listen to a good advice if it does not suit their preferences?

Good decisions come from experience and experience comes through bad decisions. Before taking a decision, make sure that you cover all positive and negative aspects. Never relay on one opinion for key decisions.

Aravind G
II Sem Mechanical Engineering

4 Habits of Successful People

Habit 1:Be Proactive

Being proactive means developing the mind to handle any kind of situation in life rather than regretting about it. Many great personality give the highest priority to this habit, that's the reason success follows then and the quote they highly believe is

"I like to encourage people to realize that any action is a good action if it's proactive and there is a positive intent behind it".

Habit 2: Begin with the end in mind

It means to begin a task with a clear vision of your destination. And many people lack with habit2,as the brain is always wandering and as a result destination will not be reached. So it's necessary to focus on your goal ,focusing at your goal is not easy due to lack of concentration but it doesn't mean impossible as we know a quote saying "Nothing is impossible".

Habit 3:Think win-win

It doesn't mean being nice , it is a character based code. We think about succeeding in terms of someone else failing and due to this impression in mind life becomes a zero sum game. To go for win-win, you not only have to be empathic, but you should be confident.

Habit 4:Put first things first

First things means are the things which you personally feel most worth. If you put first things first, you will have a capability to organize and manage time.

Aman Bheemisetty
2ndSem, CSE

Impact of western culture in Indian society

Firstly, I am very proud to say that I'm an "INDIAN" because my motherland is a place of various Religion, Culture, language, tradition, & customs. Indian culture is one of the oldest & richest cultures, which has a long shaped history & an ancient heritage.

Our country has a population of 1 billion & has a culture where more than 700 languages spoken. However, nowadays Indian culture is being impacted by westernization & everything is slowly changing & becoming western.

Westernization is a kind of globalization which is spreading throughout Asian countries especially in India. Westernization is a process in which society adopts western cultures in area such as industry, technology, law, politics, economics & life lifestyles, clothing, language etc.

"Civilization is what we have culture is what we are" these are the words said by Dr. Sarvapalli Radha Krishnan.

A girl of 16 wearing saree, going to temple with her granny in the morning, it sounds really shocking for today's teenagers as they are highly influenced by the western culture.

Today Indians are venerated on world stage is just because of the vintage of this nation. the effect of western culture is greatly seen in our customs, traditions, social & moral behavior, our love & respect for others. In this age of modernization everything has become modern even the humans with stylish haircut outlook, dresses & even our attitude we like to talk in English & love to make fun of our own mother tongue, our mentality is totally changed which brings out. This is because of our so

called modernization, which as effected the crime rates are touching the sky; corruption has gone to peak level.

Western culture has brought with it the speech of selfishness in the minds of India.

We feel ashamed touching the feet of our elders or going to the temple, instead we will love to visit bars & late night parties. Earlier we wear clothes to cover our body bit today we wear it for fashion so as to look more trendy , modern according to today's concept the more you expose, the more modern you are which is followed by every teenager. The Indian plate has welcomed many western foods (e.g. pizza, burgers, steak tacos etc.), which causes more obesity nowadays.

Due to westernization influence, sanitation & public health has improved, it also increased the demands for goods & services, it has benefited areas of education in India.

But I feel that there is no harm in adopting the western culture but as someone said "too much of anything is not good" the enthusiasm to learn things of other nations are not wrong, but they should not be done at the expense of our traditions & culture. On one hand we call India- 'Incredible India' & on the other side we are so influenced by the western culture that even our moral & ethical values are degrading.

So to make it good we should balance both the negative & positive aspects, so that the teenagers will not suffer in future. As adoption of anything & everything is good but when it is in the limit & leads to the development of our society.

**Mythri D.S.
II Sem, ISE**

Human Brain-The Super Computer

The human brain - a spongy, three-pound mass of tissue - is the most complex living structure in the known universe. The human brain may be "the last frontier." It is unknown, mysterious, puzzling. It has billions of neurons and trillions of connections between them; it gives rise to the enormous complexities of thought, language, and emotion. It is everything about who we are inside, yet we know so little about it.

There are one hundred billion neurons per human of which only 10-15% are activated. There are more connections in human body than there are stars in the galaxy, we poses a gigantic network of information to which we have almost no access.

The brain remains a mystery largely because scientists lack the tools to study it. That is beginning to change, however, due to rapid progress in the development of so-called "neurotechnologies" that are helping them make better measurements of the brain. These new tools could lead to an era of discovery in neuroscience as profound as those that followed the launch of the Hubble Space Telescope in astronomy and the invention of DNA sequences in genetics.

Neurotechnology is the set of tools used to analyze, measure, diagnose, modify, treat, and enhance the brain, mind, and consciousness with the use of various types of devices and therapies. This includes EEG (electroencephalography), FMRI, Transcranial Magnetic Stimulation (TMS), neuro-pharmaceuticals, brain-computer interface (BCI) and neurofeedback. It is also any technology used to facilitate mind therapies, such as devices to monitor and enhance meditation and sleep. Creating neurotechnology to treat and

diagnose disorders and replace lost function. Neurotechnology research also aims to mimic the brain's functions in order to create 'smart' machines that can think, understand and see as humans do, feats that no machine can now accomplish. Up and coming technologies include cell therapies and genetic therapies.

Traditionally, neurotechnology is thought of as a method of treatment for some sort of disorder, dysfunction, or disease. However, many use and develop neurotechnology to enhance a mind that is considered completely normal and healthy. The key concept behind this mind/brain enhancing technology is neuroplasticity. Neuroplasticity refers to the ability of the brain to "rewire" or adapt, grow, and change in response to experiences and learning. Neurohacking refers to the process of "rewiring" or "re-engineering" our minds to perform and function better than before.

The future of neurotechnology will approach needs and wants ranging from increasing intelligence, increasing happiness, improving interpersonal relationships, attaining enlightenment, and even uploading knowledge and erasing undesirable memories from our minds.

Prajwal S

6th Sem Mechanical Engineering

Applications of nanotechnology in medical field

The practice of medicine is no longer an independent arena. The art of medicine is exclusively exposed through its inherent interdisciplinary nature. Research scientists continue to elegantly discover what exists within various diseases; they inform the biomedical community of what already exists. Engineers utilize this information to create that which is yet to exist; they develop novel tools that can be implemented into clinical practice. One of such implementations running through the present world scenario to solve major medical issues is NANOTECHNOLOGY.

Just before reading this just think of dividing a strand of hair into 80000 parts and approximately 1 nanometre is what we get the size of each part (one billionth of a meter). Nanotechnology is the study of manipulating matter at atomic and molecular scale. It is possible to engineer the smallest devices and application to help in a variety of fields. One of the fields that is likely to be benefited by nanotechnology is medicine, as we know medicine deals with smaller levels of particles like cells. This branch is called Nan medicine. It all starts with nano-biosensors which can help in diagnosis to nan robots which can perform surgeries.

Nanoparticles work as drug delivery agents which deliver the drug directly to cancer cells. Advantages of nano drug delivery are that it will attack only the cancer cells leaving the

healthy cells untouched. In recently published study, researchers from Cornell University details how they developed gold-plated nanoparticles that are able to find and destroy cancer cells.

Therapy techniques: scientists are working to create novel nanostructures to cure Parkinson's disease and several cardiac diseases. To engineer Nanomaterials for use as artificial tissues that would replace diseased kidney, liver and even repair never damage. To integrate nanodevices with central nervous system that can control epileptic seizure and also have a potential to restore vision and hearing. Nanorobots can manipulate genes and are used in gene therapy. This gives hope to treat many of the hereditary diseases.

Nanocapsules have been found to act as antimicrobial agents (silver nanoparticles). These capsules break open when an infection begins and kills microbes without allowing them to proliferate. Nano bucky balls can be used to trap free radicals generated during allergic reactions and block inflammation.

There are 200 companies, 40 nano products in clinical trials and billions of dollars pumped into nanomedicine R&D. Pharmaceutical industry is set to benefit from nanomedicine due to possible advanced drug delivery systems, new therapies and in vivo imaging.

Ullas G
6th Sem Mechanical Engineering

Maths is life!!

'+' Add your talent

'-' Subtract your tension

'X' Multiply others happiness

'÷' Divide your love among friends

'>' Respect people greater than you

'<' Lend a hand to people less than you

'=' Consider all human being equal

Nishita. R
II Sem ECE-B

Friendship

Everyone knows that rubbing two stones creates a spark which gives birth to fire. There is another special kind of spark which is created by two individuals, it is friendship.

Friendship is one of the great relations or bonds between people. As the pearl shines, stars twinkle, rivers flow, birds chirp, a friend's heart always cries for his good friend. We all have heard this famous proverb saying, 'Friendship is a single soul dwelling in two bodies'. It means, friendship is that feeling which connects different people. This bond makes us understand our friend better than ourselves. But all of this happens when both share the same feeling of friendship because friendship felt by a single person is just like a sword without a handle, a pen without ink, a fish without water and a student without a teacher. I personally think that friendship is the cure to all our pain and stress as every word spoken by our friend enters directly our heart. But many of us have failed to keep our friendship due to unwanted feelings such as anger, jealousy and so on. This makes us lose something that is as precious as a diamond. For some friendships, there is no age limit. This indicates that friendship is a connection between mind and heart. Lastly "True friends are hard to find but once God blesses us with one of them, we must learn to value it".

Abhinav Kumar Abhay
2nd Sem CSE,

Amazing Facts of Science

1. Male eyes are about 0.5 times bigger than the female.
2. A naked eye can see about 2000 stars.
3. Ceres is the largest asteroid.
4. Halley's Comet is seen after every 76 years.
5. We cannot talk in space as we do so on Earth because there is no medium to carry sound waves.
6. The weight of each human eye is about 1.5 ounces.
7. The newborn baby has 330 bones. Human adults have 206 bones.
8. Tongue is the only muscle in our body that is attached at one end only.
9. Liver is the largest gland in the human body.
10. Woman's heart beats faster than men's.
11. Bamboo is the tallest grass. It grows 3 feet per day.
12. It is possible to see a rainbow as a complete circle from an aeroplane.

Madhumitha R
II SEM, ISE

HALLUCINATIONS

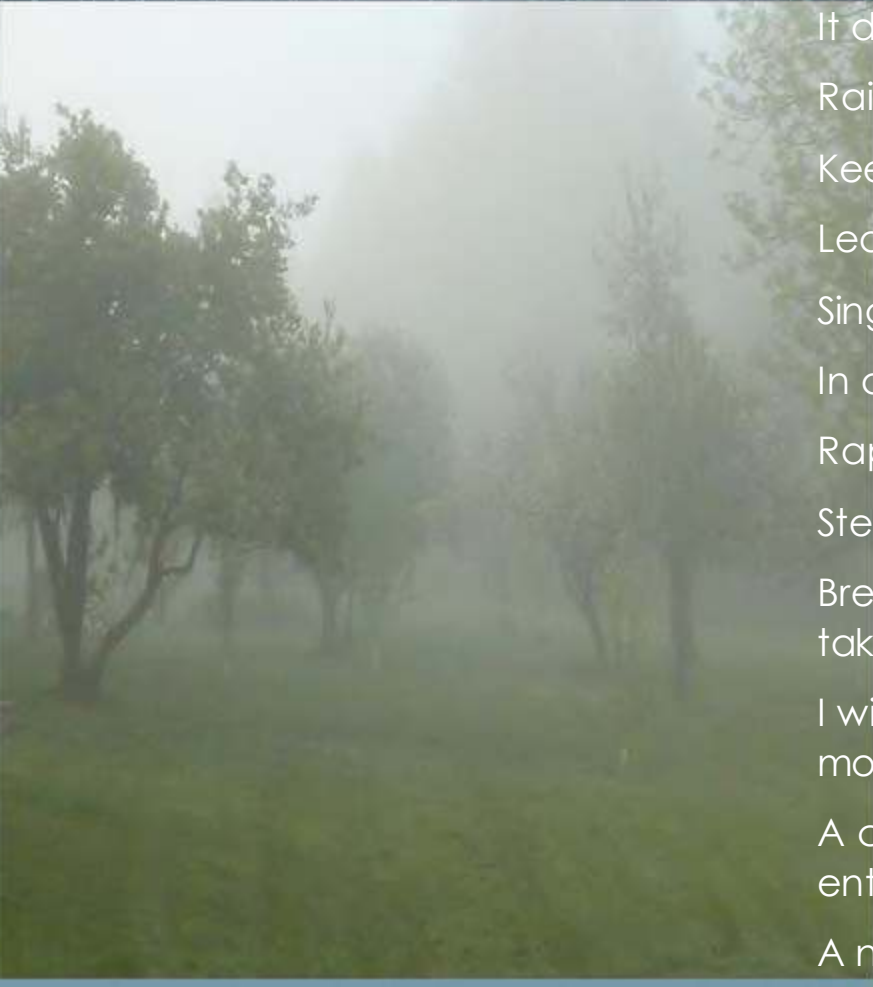
As it came closer
It looked much prettier.
The world I saw in it,
the false mirror I made in it.
I thought, thought, and thought...
made it my life.
Not present though present,
Not loved though loved,
Only in the mind.
Whom should I tell this?
You too would be unable to understand.
I knew I was losing things
But still was satisfied.
Too much is too bad they say;
The same happened in my way.
I hit my back with the worst force of gravity,
Now I slowly understood the clarity.
I hope it's not too late
As I cannot go back to the fate.
I pray that I look forward,
Because there is nothing in the backward.

Priyanka R Vidur

II Sem, EEE



A
MORNING
DRIZZLE



The early hours of the morning
Saw an unexpected show,
A performance so entertaining,
It deserved cries of 'incore'!
Raindrops on the ground drummed
Keeping up a steady beat
Leaves on the tree owstled
Singing in a silken tenor, it seemed
In a rhythm the flowers nodded
Raptured, the plants cavorted
Steadily, the music seemed to rise,
Breathtaking, it was impossible to
take away eye
I wish for the same greeting every
morning
A continued performance so
entertaining
A nature show so mesmerizing
A show to soak in, but not easy
describing!

G. Janani sri

2ndSem-CSE

Marks.....

63, 42, 82, 100...

The numbers which were buzzing
around

Teachers surrounded by arguments

All pleading for a one,

Like a landlord and a judge.

She sat in a bench

Eyes on the paper,

Tears full in her heart

Still not ready to accept.

Ashamed of her marks, she decided in
haste

Could even give her life for a waste.

The minutes were hers and also the
hours

But the time was not for sure.



She could not face the mirror nor her
loved ones

Just kept in a left side pocket.

She thought this was an end

And could not achieve any more ahead.

But Nature tell her

"Success doesn't come without failure.

She has to go a long route

Where many more would be either.

It cannot be achieved if she cut throat
and slit,

Forget, forgive and grow

And gain the knowledge and the marks".

Priyaka R Vidur

2nd SEM, EEE

My best friend

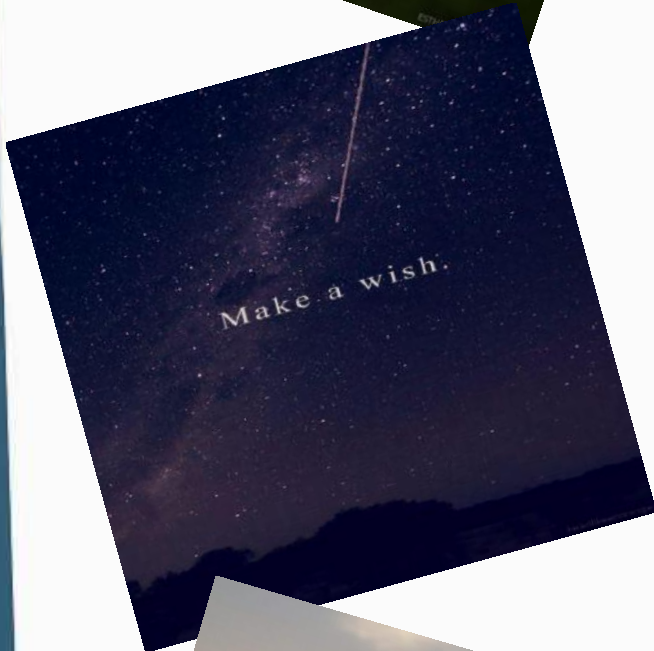
You are my best friend, you belong in my heart
We go through ups and down but still nothing can tear us apart
I know you as a sister, and will always care
Love, respect and trust are the things we share
My friendship with you is special and true,
When we are together, we stick like glue,
When I am in darkness I need some light,
When you are by my side, I know things are right,
I met you as a stranger; I took you as a friend,
I hope our long friendship will never end,
Our friendship is like a magnet, it pulls us together,
Because no matter where we are, our friendship will last forever.

Cherry Blossoms

Alone I walk on the road
On the carpet of blossoms
Sweet aroma in the air
With clusters of butterflies around
Heart filled with ecstasy
Mind blooming with calmness
Oh! I wish this was eternal
Because this is the beauty of nature its best!
As I sit on the park bench sipping on my hot chocolate
Makes happier than everything else
Alone I walk on the road
On the carpet of blossoms.

**Harshitha N
II Sem ISE**

Sometimes I wish....



Sometimes I wish I could turn back time,
Then maybe today this wouldn't have
been a melancholic rhyme.
Sometimes I wish you'd given me a
chance,
Then maybe today when love songs played
we'd dance.
Sometimes I wish you hadn't let go of my
hand,
Then maybe today I'd have the courage
to stand.
Sometimes I wish I hadn't given you the
control of my life,
Then maybe today I wouldn't be seething
with pangs of strife.
Sometimes I wish I had known it was a
joke for you,
Then maybe today the tears lost by my
eyes would have been few.
Sometimes I wish you hadn't broken my
trust,
Then maybe today I wouldn't have been
reduced to dust.
Sometimes I wish my feelings you could
see,
Then maybe today instead of him you'd
be with me
Sometimes I wish I knew your love was
fake,
Then maybe today my heart wouldn't
break.
Looking back at the wishes I made,
Sometimes I wonder, were you worth
this blade?

Prof. Praveen B.R.
Assistant professor
Department of EEE

ways to turn hobbies into source of income

Four years of Engineering is undeniably the most happening period in any student's life with the best combination of time, creativity, and passion existing in abundance, ready to explode into gazillion ideas that can astonish the world.

Also, being a community of young adults, it is essential for us to build social skills and clad ourselves in a coat of confidence.

Amidst our busy academic schedule, we often forget to keep our other interests alive and beaming.

So here are few ways in which we can pursue our interests and also make them a possible source of income.

1. Blogging: If you are good at something, share the knowledge.

Advantage of sharing our work on the internet is that the scope for new ideas never ceases. It is one of the best ways to earn recognition for our talent and ourselves. It not only improves our writing skills, but it is also a huge confidence booster. Just the thought of having a space to share our work is so exciting. Most popular blog categories: Fashion, Art and crafts, DIY (Do it yourself) projects, photography, travel, lifestyle, cookery, sports, technical blogs and many more.

2. Freelancing: If you are good at something, do not do it for free.

Freelancers do not work for one employer for a longer span of time. In a simpler sense, they work for various clients and get paid on a daily basis or sometimes payment is made on completion of the project.

The best part about being a freelancer is that we get to be our own boss.

Meeting a lot of people is a whole new experience. It expands our contacts and prepares us to tackle the situations independently. Popular freelancing categories: Writing, Editing, Research, Coding, Translating, Designing, Teaching etc.

3. You tubing: Because watching is an effective way of learning.

YouTube is one of the most visited and loved website we can ever come across. From all the tutorials to reviews, our first choice for reference is YouTube. Being able to talk about things that we love with audiences from different parts of the world and connecting with them personally is definitely a boon. All it takes to be a good you tuber is decent video editing skills and good content for the people out there.

4. Selling things on eBay: Make your work available for people to buy.

e-Bay is a platform where people are eagerly waiting to buy our work. It is an option which must be considered if we are into creating/making things. We can sell things like paintings, jewelry, hand-made books, miniature scale bike and car models and the list is inexhaustible.

Following our interests in a productive way is very important. If we put in sufficient efforts, they can even turn into a possible career option.

To conclude, setting a monetary value for our work might fetch us some bucks, but what really matters is love for the work we do. Stay passionate and keep the spark alive.

Sushmitha Srinath Kenkare
6th Sem-CSE

Time Travel

We all dream, imagine and remember memories. Some are good, some are not so good. We regularly travel to the past and the future, but what if you could actually hop into a machine which would take you to any desired past or future time? You could travel through time, undo your mistakes or explore your future. Where would you want to go if time travel became a reality? Perhaps travel agents would be busy booking trips to important historical events. But I wonder if it was possible at least in for future, why are we not visited by any time traveler from future, why isn't there any presence of them noted by our historians. This argument leads many people to regard time travel as just a science fiction gimmick. Yet surprising, some physicists think time travel is possible, well I think it's possible.

There are numerous theories suggested on time travel and all of them have one thing in common, manipulation of space- time. If I ask you to name a scientist, there is a huge probability you'll say the name Einstein, if I ask you to write an equation, you'll probably write $E=mc^2$. Why is Einstein so famous? What is $E=mc^2$? It's all because of his general theory of relativity. Relativity is one of the complex arm of physics (don't worry I'll make it easy for you), it says time is not absolute i.e., time at one place may not be same as other. In other words time is like a river flowing at different speeds at different places but always flowing in one direction.

Now let us plan to travel into future, practically the only logical idea is to find a way to stop your time or slow down your time just enough so that everyone around you lives through all the years and you have spent only hours or just minutes. Now you may ask how do I stop time around me. The answer was already told before, you just need to find the place where the river flows slower than other places like worm holes, black holes, objects traveling close to speed of light. They all disrupt space- time to give you opportunity to jump to your future.

I'll give you the same example which sparked Einstein to discover the theory of relativity, imagine you are sitting at the back of seat of a super-fast car and you can see a huge clock behind the car. The light after bouncing back from the clock will reach your eyes. Even though it's practically impossible. Imagine you accelerate your car till the speed of light, the light from the clock would be traveling along with you so when you look towards the clock the time appear to be frozen. This concept always stormed my mind, I would always think if I hold a mirror in front of me the light form my face would reflect from the mirror and I could see my face in the mirror but if I travelled at the speed of light, the light from my face would never reach the mirror because it would be relatively stationary, so what would I see in the mirror..... nothing. This thought of transparent self-amazed me for long until relativity made little sense to me.

This is one form of one-way time travel into the future which nearly all physicists agree is possible.

Let us take the famous twins Dolu and Bolu for example. One twin Dolu stays behind on earth while his brother Bolu hops onboard a spaceship on a round trip journey to a distant star, when Bolu returns to earth he would be younger than Dolu with the difference in their ages depending on the speed of Bolu's spaceship during the journey. The ratio of Bolu's elapsed time to that of Dolu's becomes smaller, the



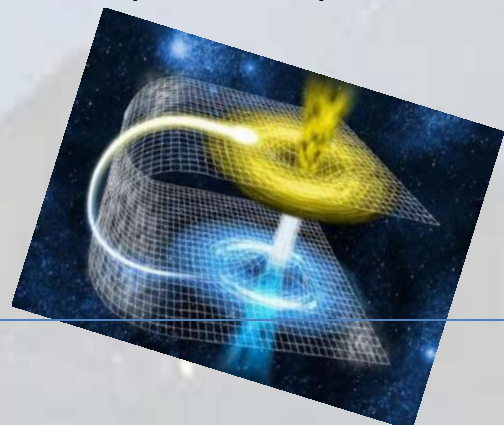
closer his speed approaches the speed of light. for example, if Bolu were to travel at 98% of light speed, one year would elapse for Bolu for every five years for Dolu. ($B=v/c$, $r=\sqrt{1-b^2}$, $B=0.98$, $\sqrt{1-0.98^2}=1/5$) Suppose Bolu journey to a star ten light years away, Dolu would judge that Bolu's round trip took slightly more than twenty years (earth's time) to cover the round trip distance of twenty light years but Bolu would find that the trip lasted only slightly more than a fifth as long (four years) into earth's future while aging only four years in the process.



This is so far good to travel into the future but what if you decide to go to your past, time travel into future might have greater appeal if you could return to the present perhaps with useful information that could improve your financial prospects or skeptical about the possibility of this sort of two-way time travel because of all the kinds of paradox it may create. Imagine you go back in time to your past and for an ungodly reason decide to kill your grandfather before he met your grandmother. By killing your grandpa your action would prevent your own future existence or instead of killing your innocent grandpa you find your own self in the past as a kid and decide to kill him (yourself) and if you did manage doing so, that would end your own existence and if you were dead as a young kid you would never grow up and travel time in the first place.

Science fiction writers have been particularly inventive in finding reasons why it would be impossible for a time traveler to do the dastardly deed. One of such speculation is that every time you try to kill your grandfather or yourself in the past something goes wrong, the bullet misses, the gun jams etc etc. These events preventing his death must happen because there is only one past and it cannot be changed. This reason why you couldn't go back and kill grandpa is particularly interesting, because it raises the specter of free will being an illusion. But suppose we consider a version of the grandfather paradox in terms of a round trip to the future. After visiting the future, you learn that a descendant of someone alive today will make a decision that destroys the planet. On your return to the present you resolve to kill that person in order to save humanity. Does it seem just as reasonable to say you couldn't succeed now as in the grandfather paradox? On the face of it you may say no. After all the future hasn't happened yet, so how can we speak of changing that which hasn't even happened? If we have free will, surely we should be able to take an action today that alters a possible future that would happen without our intervention. However, if you believe that and you also believe that the past is unchangeable, you are effectively saying that the people alive now have free will, but they didn't have it in the past. The real issue about not being able to kill your grandfather is not lack of free will but the question of self-consistency. You can't go do such a deed because the past didn't happen that way (since you exist) therefore it can't happen, no matter how hard you try. You may find this paradox too bizarre to be credible. The point of the discussion has not been to convince you that there exists a definitive answer to the paradox, rather it was to show that backward time travel does not automatically create a paradox. But since we don't know (yet) all the rules imposed by physics, we cannot say that time travel is possible or impossible.

Sandeep SN, VI SEM ECE-B



My Perception

NATURE is a biggest God's gift in the world!!!

We humans are just a part of the nature, but we pretend as though we own the whole Universe. Actually, the God has given us few extra capabilities when compared to animals. If we observe properly, even animals communicate but the thing is that we humans do not understand their languages! Suppose if there would be a natural disaster that can occur in sometime from now- the animals present there can recognize them before a time period and they move far away from that place. This is a God's gift for them without recognizing that, we humans use science and technology to measure the disaster after the disaster is occurred.

Even animals have feelings, they too express it, but we humans don't even bother to understand animals, but keep in mind when you are in some trouble or if you feel depressed or maybe stressed simply stand front few animals or trees you can get such a positive feel just in minutes. This is called Nature's Forgiveness...

What is Good or Bad???

The smallest element in the world i.e., an atom also consists of protons and electrons where the protons possess positive energy and the electrons possess negative energy. So adopting this concept into our lives, every one of us contains good and bad traits in us. Nobody is just born PERFECT in the world. Basically, never point out on someone's bad traits before even looking into their situation standing in their position.

Perceptions and Situations...

"An injury on a tongue heals the quickest- Medical Science; An injury caused by a tongue takes the longest to heal- Moral Science."

It is easy to stand in front of a person and say "You are an awesome person. You are my best friend. You are a bit of heaven on earth." And it's also very easy to stand behind the same person and comment "He is such a dumb, he believed me like a fool, I praise him just to pretend that I am a good friend of him, he is the worst person I have ever seen or met. He is the hell on earth". Be sure of one thing, Newton's third law is applicable everywhere and in every situation. Today, you might be standing in a good position and a cool situation commenting about the other person, but before you do it just imagine once yourself standing in that person's situation you will understand What is the reality!? What made him to do things which you feel it is

bad as per your thoughts and views?! Then you will realize that the situation was bad or maybe the person was trying to convey something due to improper communication it turned up either to a worse circumstance or the person is given with the name called bad person. Later when time passes by people realize that he dint do any mistake but the situation was like that. "Kaalaya Tasmai Namah!!!" **What's the use???**

Try to remember one thing," You'll not find any one who will understand you. But you'll get plenty of people who will expect that you should understand them." Let the people praise you-never get over excited or let the people comment about you- never get disheartened. "An entire sea of water can't sink a ship unless it gets inside the ship. Similarly, the negativity of the world can't put you down unless you allow it to get inside you". Stand still in any situation you come across. Try to take all the praises and comments in a Positive manner. Have faith in yourself!!! Just believe in yourself!!! Face anything and everything with a Positive Attitude... Do you know the result of this? Miracles happen!!!

Nowadays, the connection of Misunderstanding are so interesting that each Brick thinks "the Wall is standing because of me." Whenever you feel stressed or some sort of sadness, watch some funny videos or observe the nature, best thing to do is to watch cartoons which makes your mind calm.

Laugh out loudly, for the smallest joke, which is good for physical and mental health. Keep smiling in front of people even though you are facing a hurdle because of them. Never hesitate to learn good things or gain knowledge from others, maybe your enemies too. "It is most important to be kind than to be right, many a times what people need is not your Brilliant Mind that Speaks, but a Kind Heart that Listens..!!!"

The earth weighs 6.6 septillion tons... Don't make it heavier by carrying tensions and heavy heart! Stay Light, Laugh a lot, Love all and enjoy each moment..! Miracles Happen Every Moment!!!!

POOJA M KAUSHIK,
ECE-B4thSEM

HOW TO GET WHAT YOU WANT!!

You've heard the expression, "What you see is what you get." My grandfather used to say: "If you look at a tree long enough, it will move."

Nothing controls our lives more than our self-image. We live like the person we see in the mirror. What we think we are. If you don't think you will be successful, you won't. Your life is limited to your vision. If you want to change your life, you must change your vision of your life.

The reporter asked Arnold Schwarzenegger. "Now that you've retired from bodybuilding, what do you plan to do next?"

Schwarzenegger answered very calmly and confidently: "I'm going to be the #1 movie star in Hollywood."

The reporter was shocked and amused at Schwarzenegger's plan. At that time, it was very hard to imagine how this muscle-bound body builder, who was not a professional actor and who spoke poor English with a strong Austrian accent, could ever hope to be Hollywood's #1 movie star!

So the reporter asked Schwarzenegger how he planned to make his dream come true, Schwarzenegger said: "I will do it the same way I became the #1 body builder in the world. Now he is the #1 highest paid movie star in Hollywood!"

Don't just pursue your dreams. Chase them down and tackle them! You only get one life to live, so why not live the best life possible? So you can be fully satisfied at what you see and get. Just think a minute!

Chaitra .B.Kadur

I sem, ECE

Illuminate

On the streets of the rich land lie grievances unanswered,
Cries of the poor, screams of the injured,
And shouts for justice,
While wisdom remains silent like a forgotten melody
As dark as the shades of night are the souls that are to be enlightened,
Like a phoenix rising from the ashes, voices should emerge
To revolutionize and bring down the social evils and make India shine.

Namratha K.S.

II Sem CSE

MENTAL TORTURE UNDERGONE BY STUDENTS FROM THEIR PARENTS PRESSURE

Body-Torture is the use of physical and or psychological pain to control the victim and or fulfill some needs of the perpetrator. The psychology of torture refers to the psychological processes underlying all aspects of torture including the relationship between the perpetrator and the victim, the immediate and long-term effects, and the political and social institutions that influence its use.

The findings of a recent study from the American Psychological Association are right on target: "Given the prevalence of childhood psychological abuse and the severity of harm to young victims, it should be at the forefront of mental health." The study confirms that childhood psychological abuse has lasting, significant damage, equal to or exceeding the long-term consequences of physical abuse.

I think that psychological abuse is less visible than the examples of physical abuse that often appear in the media. That can keep one's awareness of it under the radar, but there are many forms of psychological abuse that parents subject their children to. Among them are:

- Indifference — to the child's needs or temperament, which may be different from his or her siblings.
- Humiliation — when the child fails at a task or misunderstands instructions.
- Denigration — negative description of something the child achieves or expresses interest in.
- Neglect — failing to provide essential emotional support or recognition of the child's needs.
- Unrelenting pressure — to serve parental expectations, often accompanied by negative comparisons of the child to others who "follow the program."

Any of the forms of psychological abuse may be fueled by the parent's own self-hatred, jealousy, narcissism or other pathology. Some illustrations:

A child runs to the parent, saying, "Look at my new drawing!" or "See what I did for this school project!" and receives a curt, dismissive, "Don't bother me now. I'm working on something important." Failure to take a brief moment's

interruption for the child, will have negative emotional impact, and can accumulate.

A parent consistently and vocally praises one child, while ignoring or criticizing the child's sibling. For example, "Wow, what you did is amazing! You are so talented!" But to the child's sibling, regarding something similar, perhaps a flat "That's nice." Sometimes the parent gives both responses in the presence of the both siblings. An observer could see the crestfallen expression in the face of the second child.

A parent who never complements the child, and it stays alive — such as in the memory of a grown man who vividly recalls that when he proudly dressed up for his school prom as a teenager, he received a look-over from one of his parents, who offered just one comment: "Your pants cuffs are too short."

And then there are the classics:

"You'll never amount to anything! You're worthless!"

"You're nothing but trouble! I wish you were never born!"

"Why can't you be more like your (sister/brother/a neighbor's child)?"

I've heard them all and more, from the life experiences of men and women seeking to heal the early damage; and sometimes directly from parents who describe and reflect upon their ways of parenting, as they confront the damage that mounts in their children's lives. All forms of psychological abuse damage the child's sense of him/herself, as well as the subsequent adult that emerges from it.

Psychological abuse has a very long shelf life, as the APA report confirms. It found that "Children who are emotionally abused and neglected face similar and sometimes worse mental health problems as children who are physically or sexually abused, yet psychological abuse is rarely addressed in prevention programs or in treating victims."

The report pointed out that children who had been psychologically abused suffered from anxiety, depression, low self-esteem, symptoms of post-traumatic stress and suicidality at the same rate and, in

some cases, at a greater rate than children who were physically or sexually abused. Psychological abuse was most strongly associated with depression, general anxiety disorder, social anxiety disorder, attachment problems and substance abuse.

children were sexually and physically abused, but not psychologically abused. That finding links with another that finding, that psychological abuse creates a greater tendency towards physical illness as well, in adulthood.

Aditi KS, VI SEM, ECE

Also, psychological abuse that occurred with physical or sexual abuse was associated with significantly more severe and far-ranging negative outcomes than when

The scientific explanation for visiting temples regularly!!!

Now-a-days due to rapid strides in technology and science, people do not even have time to visit temples. Some people feel that it is a waste of time and it is just a superstition that compels one to visit temples. This is because people are not aware about the scientific reasons of why we should visit temples. As people have started believing Science more than the divine presence which rules the world, I chose to elaborate on the scientific explanation of why one should visit temples regularly.

Hindu Vedic temples are constructed in a place where the earth's magnetic waves pass through, i.e., these temples are built strategically at a place where positive energy is abundantly available from these magnetic waves.

We usually notice that the main idol in any temple is always placed in the center. Have you ever wondered why?? Here is the answer – in the center of the "sanctum sanctorum" the more powerful magnetic waves which have a beneficial effect on living forms are harnessed. Copper plates with relevant Vedic verses are buried beneath the main idol. This place is called the "Garbhagriha" or "Moolasthan". The copper plates placed beneath the idol will absorb the magnetic waves and radiate them to the surroundings. So, by making a clockwise pradakshina (circulation) of the main idol's sanctum, the person will automatically be able to absorb the radiated magnetic waves. Thus by visiting temples regularly, the person absorbs more positive energy. The sanctum sanctorum is completely enclosed on the three sides. As a result, all the radiated magnetic energy is contained in that enclosure, i.e., the effect of the magnetic energy is very high there.

As we have observed, there is a lamp lit in front of the idol usually. The significance of the lit lamp is that it radiates heat and light energy. People may find the ringing of bells stupid and useless. Actually, the ringing of bells and chanting prayers harness aural energy.

Did you know that decorating the idol with flowers also has a scientific significance? And why is camphor burnt? The fragrance of flowers and burning Camphor radiates chemical energy which soothes frayed nerves and sedates agitated minds. A bit of 'Aroma Therapy' at work.

The amalgamated effect of all these magnetic, aural and aromatic energies radiates out of the idol. The 'Theertham' which they dissolve in temples is water mixed with cardamom, Benzoin (PachaKarpuram), holy Basil (tulsi), clove etc., This mixture is placed in front of the idol, as an offering. This water passes on the positive energy to all, when it is sprinkled as a blessing. This is why men should not wear shirts to the temple and women should wear more ornaments as it is because of jewels (or metals) that positive energy is absorbed by the ladies. It is also proved that Theertham is a good blood purifier, as it is highly energized.

'Theertham', is also a source of 'Magneto Therapy', as this copper vessel is placed at the foot of the idol in the 'Garbhagriha' or 'Sanctum Sanctorum'. The tulsi leaves added to the Theertham increases its medicinal value. The clove paste protects one from tooth

decay. Saffron protects one from common cold and cough. Cardamom and Benzoin also known as 'PacchaKarpuram', acts as a mouth-freshening and blood purifying agents.

This is why one's health too is protected by visiting temples regularly!!!

Sripradha M
6th Sem, ISE

Donating blood is a divine experience

Blood is a life maintaining fluid in our body. There is no other substitute for blood. By donating the blood one can save a life of a person. 14th June is considered as World Blood Donor's Day and 1st October is National Blood Donation Day.

There are many facts in blood donation:

- 1] Every 2 seconds, there is a worldwide demand for donation.
- 2] One unit of blood saves two lives.
- 3] In today's life, large amount is needed for the treatment of variety of illness and conditions like accidents, burns, heart surgery, organ transplantation, leukemia, cancer...etc. Thus can be fulfilled by voluntary blood donations.

Who is eligible for donation?

- 1] Any female or male within the age of 18-65 years.
- 2] Male can donate once in a 3 months.
- 3] Female can donate once in 4 months.
- 4] Body weight should be more than 45 kg.
- 5] Blood hemoglobin should be more than 12.5 grams.

Who should not donate blood?

- 1] Alcohol consumers and drug addicts.
- 2] Those who are suffering from heart diseases, cancer, unidentified bleeding, diabetes, hepatitis B&C and also the victims of liver and kidney disorders.
- 3] Jaundice, HIV, Syphilis patients.
- 4] One who has undergone surgery within a year.

What are the medical advantages of donating blood?

- 1] Reduces the amount of pre accumulated blood in our body.
- 2] Re stimulates the production of new blood cells.
- 3] Reduces cholesterol and blood glucose.
- 4] Burns 650 calories (450 ml blood donation).
- 5] Reduces heart diseases.

Some facts about blood donation.

- 1] It is a simple and minimal pain procedure.
- 2] Safe process with a sterile single use of needle.

3] It lasts within a minimal 10-15 minutes.

The gift of blood is a gift of life. Donating blood fills you with joy. Thus, it is our duty to donate blood and make one's life fruitful

Akshay K.A

2nd Sem Civil

MEMS Technology

Micro-Electro-Mechanical Systems, or MEMS, is a technology that in its most general form can be defined as miniaturized mechanical and electro-mechanical elements that are made using the techniques of micro fabrication. The critical physical dimensions of MEMS devices can vary from well below one micron on the lower end of the dimensional spectrum, all the way to several millimeters.

The term used to define MEMS varies in different parts of the world. In the United States they are predominantly called MEMS; while in some other parts of the world they are called "Microsystems Technology" or "Micro Machined Devices". While the functional elements of MEMS are miniaturized structures, sensors, actuators, and microelectronics, the most notable elements are the micro sensors and micro actuators. Micro sensors and micro actuators are appropriately categorized as "transducers", which are defined as devices that convert energy from one form to another. In the case of micro sensors, the device typically converts a measured mechanical signal into an electrical signal.

The more complex levels of integration are the future trend of MEMS technology. The present state-of-the-art is more modest and usually involves a single discrete micro sensor, a single discrete micro actuator, a single micro sensor integrated with electronics, a multiplicity of essentially identical micro sensors integrated with electronics and a single micro actuator integrated with electronics.

MEMS technology is sometimes cited as separate and distinct technology. In reality the distinction is not so clear-cut. The well-known Scanning Tunneling-Tip Microscope (STM) which is used to detect individual atoms and molecules on the nanometer scale is a MEMS device. Similarly the Atomic Force Microscope (AFM) which is used to manipulate the placement and position of individual atoms and molecules on the surface of a substrate is a MEMS device as well. In fact, a variety of MEMS technologies is required in order to interface with the nano-scale domain.

Thus the MEMS is a technology of encompassing highly miniaturized things that cannot be seen with the human eye. The common benefits afforded by this technology, include: increased information capabilities, miniaturization of systems, new materials resulting from new science at miniature dimensional scales, and increased functionality and autonomy for systems.

Chetan. M

2nd Sem Mechanical Engineering

INTEL V/S AMD!

With the arrival of AMD's (Advanced Micro Devices) so called "RYZEN" microprocessors series, there has been a muddle amongst the consumers. To break down this bewilderment, I have come up with this article, hoping to share the information about the top leading industries in processor manufacturing. For building the best gaming PC, not only you have to select the best graphics card, but the processor is more important than that. If you think I am wrong, then I have my logic. A good graphics card cannot unlock its full potential if not used on a decent CPU.

Depending on the micro architecture used, the processors are broadly classified. They use the following architectures for their processors (Chronological order)

INTEL

I3, I5, I7

- Sand bridge, Ivy Bridge 2nd and 3rd GEN
- Haswell-4th GEN
- Broadwell-5th GEN
- Sky-Lake-6th GEN
- Kaby Lake-7th GEN(2017)

AMD

- Phenom, Athlon series-K10 core micro architecture
- FX series-Bulldozer, Piledriver, Steamroller, Excavator micro architectures
- Bobcat core micro architecture
- Jaguar, Puma micro architecture
- RYZEN series(2017)- Zen core architecture

Now, take a look at the comparison between the prices of AMD and INTEL

I3-Rs. 7k-10k	FX-Rs. 6k-13k
I5-Rs. 13k-17k	Athlon II-Rs.13k-18k
I7-Rs. 24k-31k	Ryzen 5-Rs 15k-20k
	Ryzen 7-Rs 21k- 40k

Instead of complicating things, by mentioning the specifications of the processors, I've simply listed out the Pros and Cons of both the processors and let you decide which is better and which one to buy.

AMD

PROS

- Affordable compared to Intel
- Has better integrated graphics card

CONS

- Higher heat output
- Power drawn is high(30-50% more compared to Intel)
- Needs to be over clocked

Intel

PROS

- Arguably better performance compared to AMD
- Well built and reliable
- Power drawn is too less

CONS

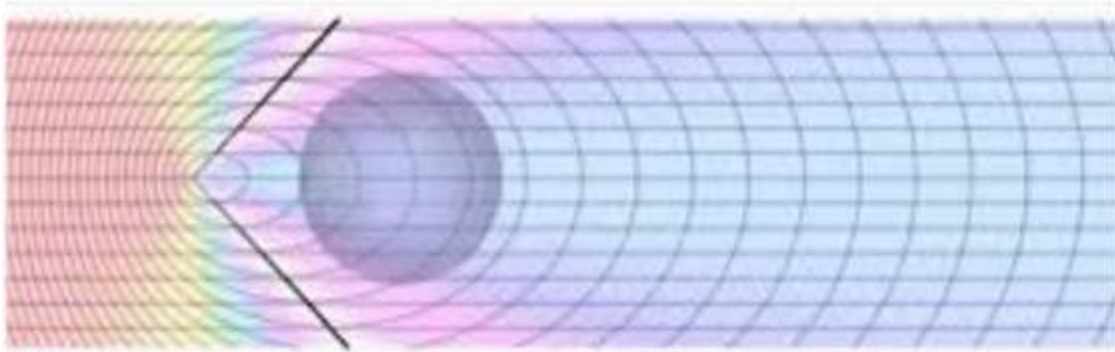
- Expensive
- Integrated graphics card performs poorly
- Cannot be over clocked like AMD

Hope this information has been helpful to all the readers of this article.

Sanjay Bhakta
2nd Sem, ISE

Tachyon

This article is about hypothetical faster-than light particles. For quantum field with imaginary mass,



Because a tachyon would always move faster than light, it would not be possible to see it approaching. After a tachyon has passed nearby, we would be able to see two images of it, appearing and disappearing in opposite directions along the shock wave of Cherenkov radiation, shown only in one moment of time. This double image effect is most prominent for an observer located directly in the path of a superluminal object (in this example a sphere shown in grey). This right-hand bluish shape is the image formed by the blue-Doppler shifted light arriving at the observer - who is located at the apex of the black Cherenkov lines - from the sphere as it approaches. The left-hand reddish image is formed from red-shifted light that leaves the sphere after it passes the observer. Because the object is behind the light, the observer sees nothing until the sphere starts to pass the observer, after which the image as seen by the observer splits into two - one of the arriving sphere (to the right) and one of the departing sphere (to the left).

A tachyon is a hypothetical particle that always moves faster than light. Most physicists believe that faster-than-light particles cannot exist because they are not consistent with the laws of physics. If such a particle did exist, they could be used to build a tachyonic anti-telephone and send signals faster than light, which (according to special relativity) would lead to violations of causality.

The term comes from the Greek, *tachy*, meaning "rapid". The complementary particle types are called *luxons* (which always move at the speed of light) and *bradyons* (which always move slower than that of light). Both of these types of particles are known to exist.

Despite theoretical arguments against the existence of faster-than-light particles, experiments have been conducted to search for them. No compelling evidence for their existence has been found. In September 2011, it was reported that a tau neutrino had travelled faster than light in a major release from CERN on the OPERA project. It indicated that the faster-than-light readings were a result of "a faulty element of the experiment's fiber-optic timing system".

N. Pavan Kumar

2nd Sem Mechanical Engineering

Minds are opening only when hearts are open

We all know that India has a great history, but are we going to be just proud of it, or are we going to make our future a greatest reality? It lies now in our hands. Our freedom leaders believed us largely that they left us the path to continue. Are we continuing the same path? Has at least the freedom reached each and every corner of the country?

The ambitious goals that Nehruji had boldly and rightly placed before the country remain largely unaccomplished. Poverty is still rampant in India and so are widespread illiteracy, avoidable morbidity and deep seated inequality of opportunity.

Caste based reservation once seen as a step to give opportunity to everyone, now takes away opportunity from the deserved.

Political leaders have got a disease, a political disease of being corrupt. Our first duty here is to cure this and eradicate from the whole world. The corrupt money which our political thief's have stolen is 500 times more than what Britishers has looted from India. The reason behind why our prosperity has lost is due to Britishers or due to Indians?

Shame upon that crime. Shame upon us if we do not raise our voices against them.

What we all want to implement in us is

'The dare to say that is wrong and the courage to play any role.'

The country has to be rebuilt from brick to brick, pillar to pillar and floor to floor, but before that a foundation, a deep foundation is needed. The sky stands united everywhere, giving us hope that everything is possible.

In the United Nations organization headquarters, a photo of Gandhiji is placed and a quote is written below it,

'A MAN CAN MAKE A DIFFERENCE'

Madhumitha V
II Sem-ECE-A

MUSIC AS A MEDICINE FOR BRAIN

Music is divine. It is an art form, soothing, calming and energizing. Music is an integral part of one's life. No life is complete without listening to music. It is for everyone young or old. Music is not only entertainment but for healing purposes as well. New born babies are exposed to light music which helps in developing their brain. Music is a part of every culture and every language in the world. Language does not matter when someone listens to good music.

Research has shown that music enhances body movement in patients affected by Parkinson's and Alzheimer's diseases. It also helps in restoring the loss of expressive language in patients facing Aphasia brain injury from stroke. Music therapy has been practical for decades as a way to treat patients with neurological conditions such as Parkinson's to Alzheimer's, anxiety and depression.



Doctors say that music can also trigger the release of mood altering brain chemicals and bring back one's lost memories and emotions. According to experts, our brain is naturally accustomed to highly rhythmic music. Human nervous system is unique among mammals and has a tendency to go into foot tapping mood. Someone who is unable to move can immediately release and begin to move listening to music.

If patients have balance problem they can coordinate their steps to synchronize with music improving their walk and pace. Patients with Parkinson's disease participated in a music workshop and according to them their motions became flexible and they didn't shake quite as much and their tremors seemed to have calmed down.


People in advanced stage of diseases sometimes see improvement in sociability, alertness and overall functioning. Music stimulates areas deep within brain where emotions and long term memory are processed. Music played at different occasions in person's life can serve as cures to recover memories.

Some music therapies may take longer to affect than others. Surely music is a part of everyone's life in one way or the other.


Deepthi. S
2nd Sem, ECE-A



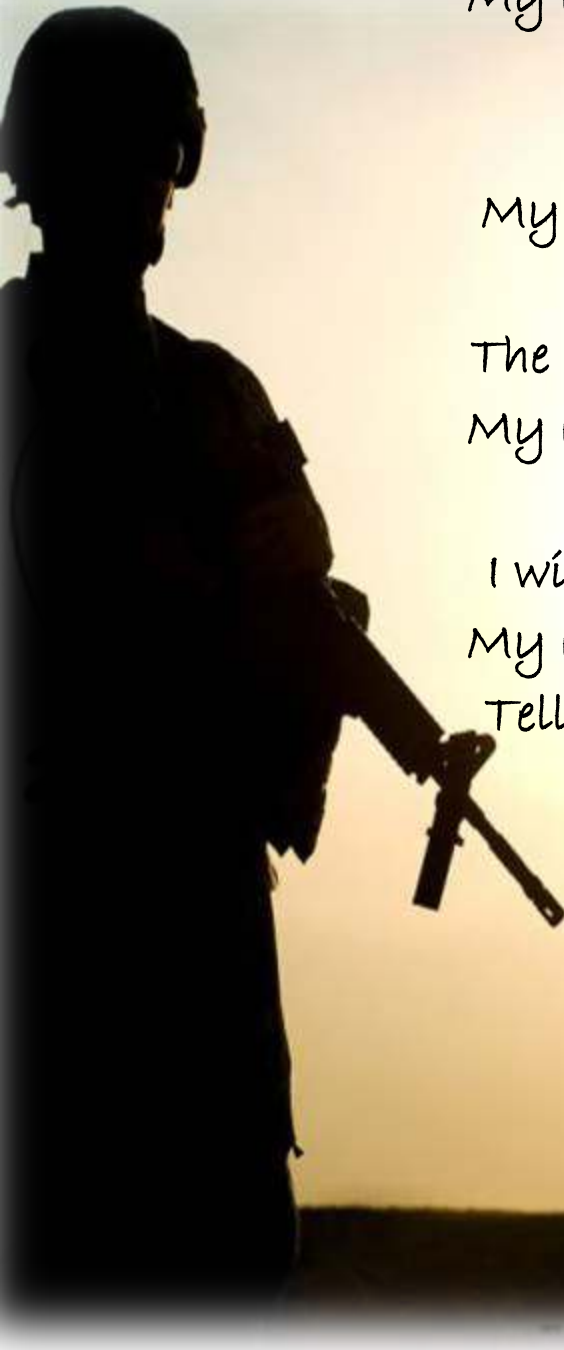
SOLDIER



If I die in a battle ground
Box me up and send it to my house
I did my duty
I paid the supreme price
Tell my mother
I scarified my life for country
My life was short I did my best
Tell my father
I made him proud
My life was short did my best
Tell my brother
The keys of my bike will be his
My life was short I did my best
Tell my sister
I will not trouble her anymore
My life was short I did my best
Tell my nation. I fought hard.



H. Y. Prathap
II Sem, ISE
(Dedicated to Indian army)



A CHEMISTRY LOVE POEM

by Victoria Lemmings

To My Dearest,
Today in Chem class,
I noticed we have some Chemistry of our own.
I think you must be a charged molecule
Because I've got my ion you.
Baby, if I could rearrange the period table,
I'd put Uranium and Iodine together.
You must be a carbon-12 sample,
Because I really want to date you.
I think you must be full of Beryllium,
Gold and Titanium
Because you are quite Be-Au-Ti-ful.
We go together better than
Hydrogen and oxygen,
Sodium and chlorine,
Carbon and oxygen
Honey, you are the nucleus of my world,
The focus of all my thoughts,
The positively charged center of my happiness.
If our love was an acid,
It would be a strong acid.
And our romance would never dissociate.
Our attraction is stronger than the dipole-dipole forces,
Displayed in the hydrogen bonding of water.
If our love was a chemical bond,
It would exhibit the strength of the
Triple bonds in diatomic nitrogen.
I'm as positive as a proton
That we were meant to be.
Beryllium (Be) mine?

Collected by
Prof. Sathyanarayani.S
Assistant Prof
Dept. of Chemistry

ShouldersUp!!!

That awkward moment when she dint want to come out of her room just because there were strangers in her home. That moment when she wanted to express her thought and wishes but just ended up hiding behind the screens.

She said.., **I want to shine!!!** But no I really can't express myself to get it done.

Why are some people so afraid of speaking out? Is that because of oversensitivity and insecurity which were imparted from previous experiences?

When an adult reacts angrily or dismissively to an attempt at self expression, It's natural to take it personally and shy away from future expressions. Few people exaggerate the odd incidents until they become mental monsters.

People's reactions on your opinion has nothing to do with you.

Because it's just a reflection of their mood and events of their life. When someone reacts to you negatively, don't take it personally. Imagine the other persons perspective too, wherein they might be in a bad mood , or trying to cover up their own inadequacy. That makes it easier to put their reaction in a proper context.

When u dwell on a bad experience, it grows into something much more frightening than reality. Don't do this to yourself ! let go of bad experiences . Think about something constructive . The more

you can fill your mind with positive memories, more easier it gets.

Realize people are similar, though not same.

Everyone will obviously be afraid of embarrassment . Many aren't as smart as u think. If u have a question to ask about, there obviously will be many ,who will be working about the same.

There are people, who are friendly and interested in connecting with others. They'll respond favourably to your attempts at communicating. In most cases people will be happy thrilled that you took initiative to break the ice between two.

Assure yourself to be worthy.

That does not make sense if you take a risk of embarrassment when you actually have nothing to contribute to people around.

To reach your potential, you need to share yourself with the world. Your brilliant insights don't hold any values until they've enlightened someone else.

Understand that sharing your insights with people is doing them a favour. In fact you will notice how positively people react.

It's Your duty to express yourself.

Being in a society it's your right to express yourself in order to share

and bring in new thoughts for the public progress.

Imagine yourself being in a basketball court and you get an open shot that you can make and you decide to pass instead, just because of the fear of failure or shyness. It not only affects you but your entire team, as your little contributions actually make a difference on your team.

In the same way, when you have a thought or idea that deserves to be heard, when you suppress the excellent thoughts by hiding behind shyness. It's not just expecting thoughts getting suppressed it's also about positive vibes and social development aspects being curbed, though you have an opportunity to make a difference.

List your strength.

Everyone has strength including you. Make a list of what you do well. Spend more time doing that.

Think you don't have strength? Time to get out there and try new things.

Spend time with people who appreciate you for who you are. Everyone fits somewhere. But definitely stay away

from people who mess you up with negative vibes. I meant, stay away from those who drag you away from what you wanted to be just because they could not reach you.

Learn telling "NO". Let people never run over you and have their way.

Learn standing up for someone else too.

Saw someone getting bullied? Stand up for the person they are attacking. That person will be thankful for you and you again feel great about growing confidence. Focus on the small, positive progress you make.

Shyness does not benefit anyone. Carrying on embarrassment never contribute to your success. By overcoming shyness, you give yourself the chance of being recognized and promoted.

Create opportunities and open up yourself being more productive.

Share and shine at every opportunity.

Let the talent and strength not ruin.

GROW,

FLOURISH,

LIVE YOUR LIFE!!!

THE STORY OF AN ENGINEER

Everyone knows the meaning of an engineer; does anyone know the origin of an engineer? How he became an engineer? The problems & challenges faced by an engineer?.

Engineers are people who solve problems and focus on making things work more efficiently and effectively. They apply the theories and principles of science and mathematics to research and develop economical solutions to technical problems. Their work is the link between perceived social needs and commercial applications.

An engineer is the person who has the potential to do any kind of job. He is the one who transforms himself according to situations & work environments and completes the task successfully. As the name "Engineer" sounds a safe profession & provides little more time to our thought process about career, everyone chooses this as a career option. Hence now a days the value/scope for engineers is less compared to a decade back. In our country many join engineering just because they want a degree, by force of their parents, & only some because of their passion. But finally all those who join engineering will be finally under one roof & will be graduated as engineers. In a span of 4 years the engineering course teaches them the lessons of life which they can't learn at any other degree courses & finally make them true professionals. The life of an engineer is not easy as everyone thinks like only 8 semesters in 4 years. Only an engineer knows how hard he had pushed himself to complete those 4 years successfully. Only he knows how he had struggled to fight against the battle of semester examinations, how many sleepless nights

he has spent by starting preparations for the exam at the last moment, & finally wins the battle of semester exams, sometimes fails having some backlogs. But an engineer never loses his hope/confidence. Once he fails it is said that "backlogs are the pillars of engineers" we engineers learn & develop from our mistakes. It makes an engineer mentally stronger, improves their efficiency & helps them to crack things under pressure. The engineer has skills & guts to face & solve the problems arising even when his condition is worse. If you are an Engineer then you will be interested in doing only these kind of jobs:- You will be lucky if you get a job (Dream Job) that has all these 3 categories only few people get such jobs, because some may be paid well but they might be not interested & love the job what they are doing. Some may get the job that they are good at & they like to do but they may not get enough salary. Hence the present situation of an engineer may not be that good, but I'm sure that you will be better and different from others as an engineer. Also our government is taking several steps to improve the quality of education provided for Technical graduation courses. I'm sure that in future engineering will have good value & scope, engineers will get the jobs in field that they are skilled at, & also paid well. So we don't have worry that even after doing engineering, we didn't achieve anything great. According to me completing 4yrs of engineering successfully is an achievement, but remember one thing engineers are always different & a step ahead than others, because "To be the best we must be able to handle the worst", we engineers are always good at it so always be proud to be an engineer...

ಕನ್ನಡ



ಹೆಣ್ಣು, ಶೋಷಣೆ, ಸಮಾಜ



ಹೆಣ್ಣೊಂದೂಸುಂದರಹೂವಿನಂತೆ!
ಸಮಾಜಅವಳಕ್ಕೆಬಿಟ್ಟರೆ,
ಹೆಣ್ಣೊಬಲಅಹೂವುಬಾಡಿದಕುಸುಮದಂತೆ ||
ಹೆಣ್ಣೊಂದೂಗೋಮಾತೆಯಶುದ್ಧಹಾಲಿನಂತೆ |
ಸಮಾಜಅವಳಜೀವನಕ್ಕೆಹುಳಿಹಿಂಡಿದರೆ,
ಹೆಣ್ಣೊಬಲಅಹಾಲಾಒಡೆದಂತೆ ||
ಹೆಣ್ಣೊಂದೂಎಲ್ಲವನ್ನೂಪ್ರತಿಬಿಂಬಿಸುವಕನ್ನಡಿಯಂತೆ.
ಸಮಾಜಅವಳಮೇಲೆಕಲ್ಲೆಸದರೆ,
ಹೆಣ್ಣೊಬಲಅಕನ್ನಡಿಒಡೆದುಚೂರಾದಗಾಜಿನಂತೆ ||
ಆದರೆ,
ಇಲ್ಲಿಎಲ್ಲರೂಎಲ್ಲದಕ್ಕೂದೂಷಿಸುವರಾಸಮಾಜವನ್ನೂ,
ಅಂತೆಯೇಸಮಾಜಹೊಲುವುದುಒಂದೂಹಣ್ಣಿನಮರವನ್ನೂ |
ಕಿಟ್ಟಿರುವುದುಕೀವಲಮರದಲ್ಲಿಕೆಲವೇಹೆಣ್ಣು,
ದೂಷಿಸಬೇಡಿಎಂದಿಗೂಸಂಪೂರ್ಣಸಮಾಜವನ್ನೂ ||

ಹಂವೇತ್.ಕೆ.ಆರ್
೨ನೇ ಸೆಮಿಸ್ಟರ್
ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗ

ರೈತ



ರೈತ,
ಹೊಲಬಿತ್ತುವ, ಬೆಳೆಬೆಳೆಯುವ,
ನಿರಾಣಿಸುವ, ಕಳೆಕೀಳುವ |
ಹಸಿರಸಿರಿನಪ್ರತಿಉಸಿರಿಗೆ,
ಹೊಸಜೈತನ್ಯವತುಂಬುವ ||

ರೈತ,
ಮಳೆಬೀಳಲಿ, ಬಿಸಿಲೇರಲಿ,
ಹೊಲದಲ್ಲೆಲ್ಲವದಾಡಿಯುವ |
ಬೆಳೆಬೆಳೆಯಾತ, ಬೆವರರಿಸಾತ,
ಜನರಹಸಿವನ್ನೂಅವಅಳಿಸುವ ||

ಆದರೆ,
ಬರಬಂದಿತು, ಬರೆಹಾಕಿತು,
ಬೆಳೆದಫಸಲಾಕ್ಮಿಕೊಟ್ಟಿತು |
ನೀರುಬತ್ತಿತ್ತು, ಕರೆಒಣಗಿತು,
ಸಾಲವೆಲ್ಲವಿರಿತು ||

ಮುಂದೆ,
ಹಸುಮಾರಿದ, ಮನೆಮಾರಿದ,
ಸಾಲವೆಂದೂತೀರದು |
ಕೈಅಗಲಿಸಿಮುಗಿಲಾನೋಡುತ,
ಬಿಟ್ಟದಿಂದಧುಮಾಕಿದ | ಬಿಟ್ಟದಿಂದಧುಮಾಕಿದ ||

ಹಂವೇತ್.ಕೆ.ಆರ್
ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗಜೀವನದಕವಿತೆ

ಜೀವನದಕವಿತೆ

- ಕ್ರೋಧ - ಬುದ್ಧಿಯನ್ನೂತಿನ್ನೂತ್ತದೆ
ಆಹಂಕಾರ - ಜ್ಞಾನವನ್ನೂತಿನ್ನೂತ್ತದೆ
ಪ್ರಾಯಶ್ಚಿತ್ತ - ಪಾಪವನ್ನೂತಿನ್ನೂತ್ತದೆ
ಮೋಹ - ಮರ್ಯಾದೆಯನ್ನೂತಿನ್ನೂತ್ತದೆ.

ಉಪನ್ಯಾಸಕ

- ಉ - ಉಜ್ವಲಭವಿಷ್ಯರೂಪಿಸುವವ
ಪ - ಪಕ್ಷಪಾತತೋರದೇಇರುವವ
ನ್ಯಾ - ನ್ಯಾಯವಾದಇತಿಯಲ್ಲಿ ಭೋದನೆ
ಮಾಡುವವ
ಸ - ಸಹನೆಯಿಂದಿರುವವ
ಕ - ಕರುಣೆಯನ್ನೂತೋರಿಸುವವ.

ಮೌಲ್ಯಮರೆತಮಾನವಪ್ರಾಣಿಗಳಿಂದ

ಕಲಿಯಬೇಕಾದಗುಣಗಳು

- ಆನೆ - ಸ್ಥಿರತೆ
ಸಿಂಹ - ಗಾಂಭೀರ್ಯ
ನಾಯಿ - ನಿಷ್ಠೆ
ಕಾಗೆ - ಬಾಂಧವ್ಯ
ಗರುಡ - ಸೂಕ್ಷ್ಮತೆ
ಮಂಗ - ಮಮತೆ
ಚಿರತೆ - ಸ್ವಾಭಿಮಾನ
ಹಸು - ತ್ಯಾಗ
ನರಿ - ಚಾಣಾಕ್ಷತನ
ಇರುವೆ - ಶಿಸ್ತು

ಮಳೆಮಳೆ

ಕಪ್ಪನೆಯಮೋಡದನಡುವೆ
ಮಿಂಚೊಂದುಮೂಡಿತು.
ಗುಡುಗುಡುಗುಡುಗುತಾ
ಬಂದನೋಮಲ್ಲಿಗೆಯಮಳೆರಾಯ
ಕಂಡವರವದೆಯಲ್ಲಿನೋರೋಮಾಂಚನ.

ಮಳೆಹನಿಗಳುಅಪ್ಪುತಾಧರೆಯನು
ಬೀರಿತುಕೆಮ್ಮಣ್ಣಿನಸುವಾಸನೆ.
ಹನಿಗಳಮುತ್ತಿಗೆವಲಿಗಳುನೆಳಿದವು
ನಕ್ಕವುಹೂಗಳುಸಂತಸದಿ
ತಕತಕನೆಕುಣಿದವು
ರೆಕ್ಕಿಯಬಿಚ್ಚಿನವಿಲಾಗಳು.

ಗಡಗಡನೆನಡುಗುತಾಕುಳಿತಹನುಗಿಳಿರಾಯ
ತನ್ನಆರಮನೆಯಗೂಡಿನಲಿ
ತಂಪಾದೇರುಳಿನಲಿಜಿಗಿಜಿಯುತಹಾರಿದವು
ಬೆಳಕನ್ನೂಚೆಲ್ಲುತಾಮಿಂಚುಹುಳುಗಳು.

ನಿಂತಿರುವನೀರಿನಲಿತೇಲಾತಿಹವು
ಬಿಣ್ಣುರುಮಾಡಿದಕಾಗದದದೋಣಿ
ಜಿನುಜಿನುಗುತಿಹಮಳಿಗೆ
ಬೇಸರವೇಕೆಗೆಳೆಯ
ಪರಿಸರವಕಂಡುನೋವನುಮರೆಯುತಾ
ಸ್ವಾಗತಿಸೋಣಮುಂಗಾರಿನಮಳೆರಾಯನನ್ನು.

ಹರ್ಷಿಣಿವೂರ್ಣಸಿಂದು, ಜಿ

ರನೇಸೆಮಿಷ್ಟರ

ಇ.ಸಿ.ಇ-ಎ-ವಿಭಾಗ

ಮಂಜುನಾಥ, ಬಿ. ಎಸ್.

ರನೇಸೆಮಿಷ್ಟರ

ಸ್ನೇಹದಕೊಂಡಿ



ಶಾಲೆಯದಿನಗಳೇಚೆಂದ!

ಆದಿನಗಳನೆನದರೆ

ಚೋಗದಜಲಪಾತನೋಡಿದ

ರಿತಿಯೆಮ್ಮೆಪುಳಕಗೊಳ್ಳುತ್ತದೆ

ಶಾಲೆಯಮೊದಲದಿನದನೆನಪು

ಇನ್ನೂಮನದಲ್ಲೇಉಳಿದಿದೆ.

ಪಕ್ಕದಲ್ಲಿಕುಳಿತೆಗಳತಿಯನ್ನು

ಮಾತಾಡಿಸಲಾಮನದಲ್ಲಭಯ

ಪೆನ್ನಿಲ್ವರಲಿಲ್ಲಕೇಳೋಣಎಂದರೆ

ಏನುತಪ್ಪುತ್ತಿಳಿಯುತ್ತಾಳೋಎಂದುಆತಂಕ

ಕಿಲವೇದಿನಗಳಲ್ಲಿಸ್ನೇಹಿತರಾದೆವು.

ಈಗ, ಪೆನ್ನಿಲ್, ರಬ್ಬರ್ ಕೇಳುವುದರಲ್ಲಿ

ಉಪ್ಪಿಟ್ಟು, ಚಿತ್ರಾನ್ನಡಬ್ಬಿಗಳಲ್ಲಿ

ತುರುವಾದನಮ್ಮಸ್ನೇಹ

ಒಂದುದಿನವೂಬಿಟ್ಟಿರಲಾರದಷ್ಟು

ಆತ್ಮೀಯತೆಯನ್ನುಬೆಳೆಸಿತು.

ಕೊಂಕುಮಾತನಾಡಿಅಳಿಸಿ

ಕ್ಷಮೆಕೇಳುವಾಗಿದ್ದುಪ್ರೀತಿ

ಶಿಕ್ಷಕರಹತ್ತಿರವಿಟುತಂದನಂತರ

ಸಮಧಾನಪಡಿಸುವಾಗಿದ್ದುಪ್ರೀತಿ

ಸ್ನೇಹಿತರಂತೆಕಾಣುವಶಿಕ್ಷಕರು

ಎದೆಯಾಳದಲ್ಲೇಉಳಿದಿದೆ.

ಶಾಲೆಯದಿನದಸಂತಸವನ್ನು

ಮೆಲಕುಹಾಕಿಕೊಳ್ಳುವದಿನಬಂದಿತು

ಅದೆಶಾಲೆಯಕೊನೆಯದಿನವಾಗಬೇಕೆ!

ಬಿಟ್ಟಿರಲಾರದಆತ್ಮೀಯತೆಗೆಯಾರಾಕಲ್ಲೆಸೆದರೋ?

ಅದಾಕಳಚಿಹೋಗುತ್ತಿದೆಯಲ್ಲ, ಎಂಬಭೀತಿ,

ಎಲ್ಲರಕಣ್ಣುಗಳಲ್ಲೂನೀರು

ನನ್ನನ್ನುಮರೆಯಬೇಡವನ್ನುವವಿಮಾತು

ಎಲ್ಲವೂಇಷ್ಟುಬೇಗಮಾಗಿದಾಹೋಹಿತೆ?

ಪ್ರಶ್ನೆಗೆಉತ್ತರಿಸಿಕ್ಕಿದೊ

ಕಾಲೇಜಿಗೆಸೇರಿದಾಗ

ಸ್ನೇಹವನ್ನುವುದುಮಾಗಿಯದಬಂಧನವೆಂದಂತಿಳಿಯಿತು

ಮತ್ತೆಸ್ನೇಹದಕೊಂಡಿಬೆಸೆದುಕೊಂಡಿತು.

ಆಕರ್ಷಣೆ

ಎಸ್.ಎಂ

ರನೇಸೆಮಿಸ್ವ

ರ್

ಇ.ಸಿ.ಇ-ಎ-ವಿಭಾಗ

ತಾಯಿಯಒಲವು

ಹೆರುವಾಗಪಡುವಳುತಾಯಿನೋವ,

ಹೆತ್ತಮೇಲಿನಗುವಳುನೋಡಿಮಗುವಿನಮೊಗವ,

ಅದುಬೆಳೆಯುವಾಗನೋಡಲಾಗದುಅವಳದುಗುಡವ,

ಕೊನೆಗದುಬೆಳೆದುವಡೆಯುವುದುಕೀರ್ತಿಆಮೋಘವ,

ಅದಕ್ಕಾಗಿಯೇಕಳೆದಿದ್ದುಳುತಾಯಿತನ್ನಜೀವನವ,

ಸಾರ್ಥಕತೆಯಕಂಡುವಡುವಳುಖುಷಿಯಭಾವ,

ಅವಳಆಕಂದನಿಗೆಎಣೆಯಿರದಷ್ಟುಗೌರವ,

ಮುನಿಯಾಗಿತಾಯಿಗೆಮುಡುಪಾಗಿಟ್ಟುಮಗತನ್ನಜೀವ,
ಅವನಸಾಧನೆಗೆಕಾರಣವಲ್ಲಅವ,
ಕಾರಣಅದಕೆಅಡಿಪಾಯಹಾಕಿದಆತನಅವ್ಯ,
ಅರಿಯಿರಿಎಲ್ಲರೂಬ್ರಹ್ಮಾಂಡವಾಗಿರುವತಾಯಿಯವನವ.

ಸಾಂಸ್ಕೃತಿಕಕಲೆಗಳತವರೂರು
ಇಲ್ಲಿಕವಿಗಳದೇಕಾರುಬಾರು
ತಾಯಿಮಡಿಲತುಂಬಿದೆಂಟುಜ್ಞಾನಪೀಠ
ಶಾಸ್ತ್ರೀಯಸ್ಥಾನಮಾನದಗೌರವಪಟ್ಟ.

ಉಳಿಸಿಬೆಳೆಸುವಬನ್ನಿಕರುನಾಡನು
ಬನ್ನಿಹಾಡುವಾಕನ್ನಡಮೃನಹಾಡನು.

ಯತೀಶ್ ಜಿ. ಆರ್.
ಇನೇ ಸೆಮಿಸ್ಟರ್
ಸಿವಿಲ್ ವಿಭಾಗ

ನುಡಿಮುತ್ತು

ಪ್ರಾಮಾಣಿಕತೆಯಬಿತ್ತಿದರೆ, ವಿಶ್ವಾಸವಗಳಿಸುವೆ
ಒಳಿತನ್ನಬಿತ್ತಿದರೆ, ಒಳ್ಳೆಯಗೆಳೆಯರಗಳಿಸುವೆ
ವಿನಯವನ್ನಬಿತ್ತಿದರೆ, ಹಿರಿಯತನವನ್ನಗಳಿಸುವೆ
ಕ್ಷಮೆಯನ್ನಬಿತ್ತಿದರೆ, ಸಹಬಾಳಿಗಳಿಸುವೆ
ಶ್ರಮವನ್ನಬಿತ್ತಿದರೆ, ಸಫಲತೆಯಗಳಿಸುವೆ
ಧೃಡತೆಯನ್ನಬಿತ್ತಿದರೆ, ಯಶಸ್ಸುಗಳಿಸುವೆ
ಬಿತ್ತಿದಂತೆಫಲವನೀವಡೆಯುವೆ.

ತೇಜತ. ಎ
ಓನೇಸೆಮಿಸ್ಟರ್
ಐ.ಎಸ್.ಇ-ವಿಭಾಗ

ಕರುನಾಡು

ಪಚ್ಚಿಯಹಸಿರಿನಸೀರೆಯಾಟು
ನಾನಾನದಿಗಳಿಗೆಜಾಗಕೊಟ್ಟು
ಜಲಪಾತಗಳಧುಮಕಬಿಟ್ಟು
ದಿನಮಣೀಡುವನಾಮೂಡಣದಿಬೊಟ್ಟು.

ಸುತ್ತಲೂಹರಿದ್ವಂದಕಾಡುಗಳು
ಪಡೆದಿವೆಅಶ್ರಯವನಾನಾಪ್ರಾಣಿಗಳು
ತೇಗಶ್ರೀಗಂಧಮರಗಳಸಾಲು
ಮಾಡಿವೆಕನ್ನಡತಿಯಎಲ್ಲದರಲೂಮೇಲಾ.

ಅಮ್ಮನನ್ನಮ್ಮ...



ಮಗುವಾಗಿಅವಿತುಕುಳಿತಿದ್ದೆ
ನಿನ್ನಗರ್ಭದಲ್ಲೊಂದು,
ನಿನ್ನಜೊತೆಯಲ್ಲಿನಡೆಯುತ್ತಿರುವೆನು...
ನಿನ್ನಎದೆಹಾಲುಕುಡಿದುಬೆಳೆದೆನು...
ನಿನ್ನಕೈತುತ್ತಿಂದುಬೆಳೆಯುತ್ತಿರುವೆನು...!
ನಿನ್ನಮಡಿಲನ್ನೂಅಶ್ರಯಿಸಿದ್ದೆ...
ನಿನ್ನತೋಳನ್ನೂಅಶ್ರಯಿಸಿರುವೆನು...
ಕೈಹಿಡಿದುನಡೆಯುವುದನ್ನೂಕಲಿಸಿದೆ...
ಒಂಟಿಯಾಗಿಬದುಕುವುದನ್ನೂಕಲಿಸಿದೆ...!
ಜಗದಪರಿಚಯಮಾಡಿಸಿದೆ...
ಜೀವನದಪರಿಚಯಮಾಡಿಸುತ್ತಿರುವೆನು...

ಹಿಂದೆಹೇಗಿದ್ದರೂ ಎಂಬಕಥೆಯನ್ನಾಹೇಳುತ್ತಿದ್ದೆ ಅಂ
ದೂ,
ಮುಂದೆಹೇಗಿರಬೇಕೆಂಬಪಾಠಹೇಳುತ್ತಿರುವೆ ಇಂದೂ..
..!

ತಪ್ಪನ್ನಾಕ್ಷಮಿಸಿಮುದ್ದುಮಾಡುತ್ತಿದ್ದೆ ಅಂದೂ,
ತಪ್ಪನ್ನಾಕ್ಷಮಿಸದೆಬೈದುತಿಡುತ್ತಿರುವೆ ಇಂದೂ,
ಆಟವಾಡಿಸಿದ್ದೆ ನಗುನಗುತೆ ಅಂದೂ,
ಪಾಠಮಾಡುತ್ತಿರುವೆ ಕೋಪದಿಂದ ಇಂದೂ...!
ಅಂದಿಗೂ ಇಂದಿಗೂ ನೀನೇ ಆಮೃತ
ಬೇಕು ನೀನನಗೆ ಎಂದೆಂದಿಗೂ...
ನೀ ಇಲ್ಲದಬದುಕು ಊಹಿಸಲಾರೆನು ಆಮೃತ
ಆದು ನನಗೆ ನರಕವಮೃತ
ಎಂದೆಂದಿಗೂ ನನ್ನೊಂದಿಗೆ ನೀ ಇರಬೇಕೆಮ್ಮ,
ಇದೊಂದೆ ನನ್ನಮನವನ್ನೆಮ್ಮ...!!!

ದೀಕ್ಷಿತ. ಆರ್
೨ನೇ ಸೆಮಿಸ್ಟರ್
.ಸಿ.ಎಸ್.ಇ ವಿಭಾಗ

ಹುಣ್ಣಿಮೆಯ ಚಂದಿರ

ಹೇ ಚಂದಿರ ನೀನೆಮ್ಮಾಸುಂದರ
ನಿನ್ನಮ್ಮೆ ಬಣ್ಣಧವಳವರ್ಣ
ನಿನ್ನನೋಡಬಯಸಿದನನ್ನ
ಕಂಗಳು ಎಷ್ಟು ಪುಣ್ಯವೋ...
ನಿನ್ನ ಶ್ವೇತವರ್ಣಕ್ಕೆ
ಮರುಳಾಗದವರು ಯಾರೂ.
ನೀನೆ ಸ್ಪೂರ್ತಿ ನವಜೋಡಿಗಳಿಗೆ
ಕನಸಕಾಣಲು....
ನೀನೆ ಶಕ್ತಿ ತಾಯಿಯ ಮಡಿಲಿಲಿ
ಮಲಗಿ ಜೀವನ ಕಟ್ಟಲು
ನೀನಾದೆ ಸ್ಪೂರ್ತಿ ಆಮೃತನ

ಪ್ರೀತಿಯಕ್ಕೆ ತುತ್ತಿಗೆ.....
ಓ ಚಂದಿರ ನೀನೆಮ್ಮಾಸುಂದರ
ನೀನಾದೆ ಮಿನುಗುವ ತಾರೆಗಳಿಗೆ
ಹುಣ್ಣಿಮೆಯ ಬೆಳಕು
ನಿನ್ನಿಂದಲೇ ಜಗವು ಸುಂದರ
ನೀನಾದೆ ಈ ಭುವಿಗೆ... ಆಭಾನಿಗೆ
ಚಂದಿರ.... ಚಂದಿರ..... ಚಂದಿರ!!!!

ವಿದ್ಯಾಶ್ರೀ.ಎಸ್
೨ನೇ ಸೆಮಿಸ್ಟರ್
ಇ.ಸಿ.ಇ-ಬಿ ವಿಭಾಗ

ಎರಡಕ್ಷರದ ಮಹತ್ವ

“ಹುಟ್ಟು” ಎಂಬ ಅಕ್ಷರದಿಂದ ಬಂದ
“ಮಗು” ಎಂಬ ಅಕ್ಷರದಾಟಿ
“ಆಮೃತ/ಅಪ್ಪ” ಎಂಬ ಅಕ್ಷರಹೇಳುತ್ತಾ
“ಶಾಲೆ” ಎಂಬ ಅಕ್ಷರವನ್ನಾಸೇರಿ
“ಗುರು” ಎಂಬ ಅಕ್ಷರದಿಂದ
“ವಿದ್ಯೆ” ಎಂಬ ಅಕ್ಷರದ ಜೊತೆ
“ಜ್ಞಾನ” ಎಂಬ ಅಕ್ಷರವನ್ನಾತಾರಾಂಧ್ಯದಲ್ಲೆ ಪಡೆದು
“ಲಗ್ನ” ಎಂಬ ಅಕ್ಷರದಿಂದ
“ಸತಿ/ಪತಿ” ಎಂಬ ಅಕ್ಷರವನ್ನಾಹೊಂದಿ
“ಮಗು” ಎಂಬ ಅಕ್ಷರವನ್ನಾಪಡೆದು
“ತಂದೆ/ತಾಯಿ” ಎಂಬ ಅಕ್ಷರದ ಬಿರುದಾಹೊಂದಿ
“ವೃದ್ಧ/ವೃದ್ಧಿ” ಎಂಬ ಅಕ್ಷರವನ್ನಾಸಿಕೊಳ್ಳುತ್ತಾ
“ಸಾವು” ಎಂಬ ಅಕ್ಷರದಲ್ಲೆ ಮಾಯವಾಗುತ್ತದೆ.

ದೀಪ್ತಿ.ಎಸ್
೨ನೇ ಸೆಮಿಸ್ಟರ್
ಇ.ಸಿ.ಇ-ಬಿ ವಿಭಾಗ

ಅಮ್ಮನ ಆಶಯ

ಅಮವಾಸ್ಯೆಯರಾತ್ರಿಯಲಿ
ಮೂಡುವುದೇ ಬೆಳದಿಂಗಳೆ?
ನೀನಿರದ ಆಕ್ಷಣದಲಿ
ಸಾಧ್ಯವೇ ಈ ಮಗುಳ್ಳುಗು?
ನೀನಿಟ್ಟುಕೈತುತ್ತು, ಆಪ್ರೀತಿಮುತ್ತು
ನೆನಪಾಗಿಹುದಯವಿಧುಭಾರವಾಯ್ತು.
ಕಣ್ಣೊಂಚಲಿಹನಿಯೊಂದುಮೂಡಿಬಂತು
ಆಹನಿಯಲಿನನ್ನದೆಬಿಂಬತೇಲಿಬಂತು,
ಆಟದಲಿನೋತವಳಿಗೆಜೀವನದಪಾಠ;
ಹೇಳಿಬಿಳಿಸಿದನೀಬದುಕುವಹಠ.
ಪ್ರತೀಬಾರಿಸೋತಾಗನೀಹೇಳಿದೆಸಾಂತ್ವಾನ,
ತಂದಿದೆ ಈಬಾಳಿನಲೊಂದುಹೊಸತನ.

ಐಶ್ವರ್ಯ. ಎಸ್

೨ನೇಸೆಮಿಸ್ಟರ್

ಇ.ಸಿ.ಇ, ಎ-ವಿಭಾಗ

ಮಿಂಚುಮರೆಯಾಗಲ್ಲ

ಚಂದಿರನೊರನಿಲ್ಲ ಚಂದಿರನಿಲ್ಲ
ಈರಾತ್ರಿ.....
ಹಾಗಂತನಕ್ಷತ್ರಗಳಾವುತನ್ನ
ಮಿಂಚುಕಳಿದುಕೊಂಡಿರಲಿಲ್ಲ!

ಹೆಸರಲ್ಲೇನಿದೆ!

ಹೆಸರಲ್ಲೇನಿದೆ.... ವ್ಯಕ್ತಿಮುಖ್ಯವೆಂದು
ನಿನ್ನಮೆಚ್ಚಿನಾನಿನಗೊಂದು
ಕಾಗದಬರೆದು.
ಕೊನೆಯಲ್ಲಿನನ್ನಹೆಸರ ಬರೆಯಲಾಮರೆತೆ!!

ಮನವರಿಕೆ

ಬಾನಹಕ್ಕಿಗೇನುಗೊತ್ತು
ಕಡಲ ಅಮೀನಿನಕಣ್ಣೀರು....

ಸ್ವಾತಿ ಶ್ರೀನಿವಾಸ್

೬ನೇಸೆಮಿಸ್ಟರ್

ಸಿವಿಲ್ ವಿಭಾಗ

ಬದುಕು

ಬದುಕುಒಂದುದೊಡ್ಡಬಜಾರು
ಸಿಗ್ನಾರೇಳಿಲ್ಲಸಾವಿರತರದವರು
ಸಿಕ್ಕುವರಲ್ಲಿಕೆಲವೊಬ್ಬರುಹತ್ತಿರವಾಗುವರು
ಸೋತಾಗಕ್ಕಿಹಿಡಿದುಭರವನೆಯತುಂಬುವರು.
ಜಾತಿ-ಗೀತಿಯಂತಹೊಡೆದಾಡುವರುಳ್ಳಿಹಲವರು
ಇದನ್ನೂನೋಡದೆಕಲ್ಲಾಗಿಕುಳಿತನಿಲ್ಲದವರು
ದುಡ್ಡು, ದುಡ್ಡುಅಂತಯಾಕಿಸಾಯ್ತುರೆಗುರು
ದಿಡ್ಡಿನಿಂದಸಮಾಧಿಕಟ್ಟಿಕ್ಕಾಕುಗಲ್ಲಅಂತ
ಹೇಳಿಲ್ವದೊಡ್ಡವರು.

ಗುರಿ

ಗುರಿಯೊಂದುಕರೆದಿದೆನನ್ನಕ್ಕಿಬೀಸಿ
ವಿಧಿಯೇಕೈಹಿಡಿದುನಡೆಸುಸರಿದಾರಿಯಸೂಚಿಸಿ
ದುಷ್ಟಚಟಗಳೆಬರಬೇಡಿನನ್ನಹುಂಬಾಲಿಸಿ
ಜಗತ್ತಿಗೆತೋರಿಸಬೇಕುನಾಏನಾದರುಸಾಧಿಸಿ.

ಬರಹ

೬ನೇಸೆಮಿಸ್ಟರ್

ಸಿವಿಲ್ ವಿಭಾಗ

ನುಡುಮುತ್ತುಗಳು

ಪ್ರೀತಿ, ಸ್ನೇಹವೆಂಬುದುಅತ್ಯಂತದುಭಾರಿ
ಇದಕ್ಕೆಅರ್ಹರಲ್ಲದವರಿಗೆಇದನ್ನೂನೀಡಿದರೆ

ತನ್ನ ಬೆಲೆಯನ್ನು ಕಳೆದುಕೊಳ್ಳುತ್ತದೆ.
 ಇರುವುದೊಂದೇ ಜೀವನ
 ಸದಾನಗುತ್ತಿರಿ
 ನಕ್ಕರೆ ಜೀವನವಾವನ.
 ಸಾಧನೆ ಮಾತಾಡಬೇಕು
 ಮಾತಾಡೋದೆ ಸಾಧನೆ ಆಗಬಾರದು.
 ಹಲವರು ಅನ್ನ ಬಿಸಿ ಇದ್ದರೆ ಚೆನ್ನ ಅಂತಾರೆ
 ಕೆಲವರು ಅನ್ನ ತಣ್ಣಗಾದ್ದೇ ಲೆ ಚೆನ್ನ ಅಂತಾರೆ
 ಆದರೆ ಹಸಿದವರು ಹಳಸಿದ್ದರೂ ಅದುವರಮಾನ್ನ ಅಂತಾರೆ
 "ರಾಜಿಗಿಂತ ಹಸಿವು ಮಾಖ್ತೆ"
 ಬರಿಹಣವಿರುವವನು ಆಳಿಗೆ ಮಾತ್ರ ಯಜಮಾನ
 ಆದರೆ ಸನ್ನಡತೆ/ಗುಣ ಇರುವವನು
 ಇಡೀ ಮನುಕುಲಕ್ಕೆ ಯಜಮಾನ.

ಜೀವನದಲ್ಲಿ ನಿಮ್ಮ ಪಾತ್ರವನ್ನು ಎಷ್ಟು
 ಮನವೂರ್ವಕವಾಗಿ ಮಾಡಬೇಕು ಎಂದರೆ
 ನಾಟಕದ ಪರದೆಯಲ್ಲಿ ನಡೆಯುವಂತೆ
 ಚಿಪ್ಪುಗಳಿಲ್ಲದಂತೆ ನಡೆಯಬೇಕು.

ಶ್ರೀ ರಾಮ್ ಸಿ.ಆರ್
ಓನೇ ಸೆಮಿಸ್ಟರ್
ಸಿ.ಎಸ್.ಇ ವಿಭಾಗ

ನಾನೇನು ಮಾಡಲಯ್ಯ?

ಹಣ, ಹಣ, ಹಣವೆಂದು
 ಕುಣಿದಾಡುತ್ತಿಹರು
 ನಾನೇನು ಮಾಡಲಯ್ಯ?
 ಹಣಕ್ಕಾಗಿ ತಮ್ಮನ್ನೆ ಮಾರಿಕೊಳ್ಳುತ್ತಿಹರು
 ನಾನೇನು ಮಾಡಲಯ್ಯ?
 ನಾನೇನು ಮಾಡಲಿ?

ಸಂಪತ್ತಿಗಾಗಿದೇ ತಪನ್ನೆ
 ಲೂಟಿಮಾಡುತ್ತಿಹರು
 ನಾನೇನು ಮಾಡಲಯ್ಯ?
 ಆಸ್ತಿಗಾಗಿ ರೈತರು ಬೆಳೆಯುವ
 ಭೂಮಿಯನ್ನೆ ಮಾರುತ್ತಿಹರು
 ನಾನೇನು ಮಾಡಲಯ್ಯ?
 ಹೆಸರಿಗಾಗಿ ತಮ್ಮ ತಮ್ಮ
 ಭಾಂಧವ್ಯಗಳನ್ನು ತೊರೆದಿಹರು
 ನಾನೇನು ಮಾಡಲಯ್ಯ?
 ನಾನೇನು ಮಾಡಲಿ?

ರೂವೇಶ್. ಎಸ್
ಓನೇ ಸೆಮಿಸ್ಟರ್
ಇ.ಸಿ.ಇ, ಬಿ-ವಿಭಾಗ

ನಗರನೋಟ

ಟ್ರಾಫಿಕ್‌ನಲ್ಲಿ ಸಿಲುಕಿದ ತಕ್ಷಣ ಹೇಳುವುದು ಮನಸ್ಸು
 ಥೂ...!
 ಸಹಸ್ರ ಸಹಸ್ರ ಕಾರುಗಳು, ಬಸ್ಸುಗಳು ಮಧ್ಯೆ ನುಗ್ಗುವ
 ಬೈಕುಗಳು, ಎಫ್.ಎಮ್ ಕೇಳುತ್ತಾ ಮುನ್ನಡೆಸುವ ಕಾರಿನ
 ರಾಜಸಾರಥಿಗಳು,
 ಎಡಗಡೆಗೆ ವಾಲಿ ಬಿದ್ದೆ ಹೋಗುತ್ತೆಂಬಂತೆ ಪ್ರಯಾಣಿಕರನ್ನು
 ಹೊತ್ತು ತುಂಬುವ ಬಸ್ಸುಗಳು.
 ಎಕ್ಸ್‌ಲೀಟರ್ ಒತ್ತುವ ಮುನ್ನವೇ ಬರುವ ಬಸ್ ಸ್ಟಾಪ್
 ಗಳು ನಡುವೆ ರಸ್ತೆ ಬದಿಯಲ್ಲಿ ಆಟೋಗೆ ಆಡ್ಡಾಗುವ ಅಡ್ಡ
 ಕೈಗಳ ರಸ್ತೆಯ ಮಧ್ಯದಲ್ಲಿ ನಿಂತು ಯೋಗ ಮಾಡುವ
 ಟ್ರಾಫಿಕ್ ಪೋಲಿಸರು
 ಹುಡುಗಿಯನ್ನು ಹಿಂದೆ ಕೂರಿಸಿ ಪೋಲಿಸರ ಕಣ್ಣಿಟ್ಟು
 ಬೈಕನ್ನು ಗಾಳಿಯಂತೆ ನಡೆಸುವ ಯುವಕರ ಮೋಜು.
 ಬಸ್ಸುಗಳ ಕಿಟಕಿಯಿಂದ ಗೋಡೆಗಳಿಗೆ ಮತ್ತಿರುವ ಬಣ್ಣದ
 ಫಿಲ್ಮ್ ಪೋಸ್ಟರ್ ಗಳನ್ನು ನೋಡುತ್ತಾ

ಮಚ್ಚನ್ನಿಗೆ ಫೋನ್ ಮಾಡಿ ಟೋಕನ್ ಹಾಕುವ
ಯಾವಕರುತೂಕಡಿಸುತ್ತಾ ಮಾಂದಿನ ಸೀಟಿಗೆ ತಮ್ಮ ತಲೆ
ಹೊಡೆದುಕೋಳ್ಳುವ ಸೀನಿಯರ್ ಸಿಟಿಜನ್ ಗಳು
ಎದ್ದಾಗಿನಿಂದ ಮಲಗುವವರೆಗೂ ಕಥೆಯನ್ನೂ ಸಿನಿಮಾ
ನೋಡಿಯಂತೆ ಚಾಟ್ ಮಾಡುತ್ತಲೆ ಗೆಳತಿಯರಿಗೆ ವಿವರಿಸುವ
ಯಾವತಿಯರೂ ಯಾವತಿಯರು ಸೀಟ್ ಬಿಡಲಿಲ್ಲವೆಂದು
ಕಂಡಕ್ಕರನ್ನೂ ಪರಚುವಂತೆ ಮಾತನಾಡುವಂಥಾ
ಆಂಟಿಯರು...

ಉಸಿರಾಡುವುದೋ? ಬೇಡವೋ? ಎಂದು ಯೋಚನೆ
ಮಾಡುವ ಪರಿಸ್ಥಿತಿಗೆ

ತಂದಿರುವ ಮಹಾ ಅಪಯಾಕಾರಿ ಹೊಗೆಗಳೂ...

ಉಸಿರಾಡಿದರೆ ಡೆಂಫೀ, ಚರ್ಮರೋಗ, ಕ್ಯಾನ್ಸರ್
ಗಳನ್ನೂ ಉಡುಗೋರೆಯಾಗಿ ಕೊಡುವ ಅಶುದ್ಧ ಗಾಳಿ!

ಮೂಗನ್ನೂ ಪೇಪರ್ ಕಪ್ಪಿನಿಂದ ಮುಚ್ಚಿಕೊಳ್ಳುವ
ರೋಗಗಳನ್ನೂ ತಡೆದು

ಎಚ್ಚರವಾದಾಗ ರಸ್ತೆಯ ಕಡೆಗೆ ಕೈಯಾಡಿಸುತ್ತಾ ನಿಲ್ಲುವ
ಪೊಲೀಸರು....

ಎಂದು ಅಂತ್ಯವಾಗುತ್ತದೆಯೋ ಫೈನ್ ಹಾಕುವ ಪೊಲೀಸರ
ಆಟ

ಎಂದು ಯೋಚಿಸುವ ಫೈನ್ ಕಟ್ಟುವ ಅಕ್ರಮ ವಾಹನ
ಸವಾರರು ಹಾಗೋ, ಹೀಗೋ... ಅತ್ತೋ... ಇತ್ತೋ...
ನೋಡುತ್ತಾ ಗೇಟ್ ಬೀಗಹಾಕುವಾಗ, ಗೇಟ್ ಮಂದೆ
ನಿಲ್ಲುವ ದುರದೃಷ್ಟದವರು ಟ್ರಾಫಿಕ್ ಸಿಗ್ನಲ್
ಸಿಲಾಕುವರು.....

ಬಂದನ್. ಎಲ್

೨ನೇ ಸೆಮಿಸ್ಟರ್

ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗ

ಪ್ರತಿಬಿಂಬ

ಕಣ್ಣಿಗೆ ಕಾಣದ ಗಾಳಿಯ ಬಿಂಬ

ಕಂಡರೂ ಕಾಣದ ದೇವರ ಬಿಂಬ

ಪ್ರೀತಿಯ ಹೆಸರಲಿನ ಗುವಿನ ಬಿಂಬ

ಮೋಸವ ಮಾಡಿತು ದ್ರೋಹದ ಬಿಂಬ.

ತಾಯಿಯಲಿ ಕಾಣುವುದು ಪ್ರೀತಿಯ ಬಿಂಬ

ತಂದೆಯು ತೋರುವ ಶಿಸ್ತಿನ ಬಿಂಬ

ಹೇಳಲಾಗದ ಕನಸಿನ ಬಿಂಬ

ಹೇಳಿದರೂ ಅರ್ಥವಾಗದ ನೋವಿನ ಬಿಂಬ

ಮಗುವಿನ ನಗುವಲಿ ಮುಗ್ಧತೆಯ ಬಿಂಬ

ತಡೆಯಲಾಗದ ಸಾವಿನ ಬಿಂಬ

ಹೇಳಲಾಗುವುದು ತುಂಬಾ, ತುಂಬಾ

ಅದಕ್ಕಿಂತ ಸಾಧನವು ಪ್ರತಿಬಿಂಬ

ಹಂವೇತ್ ಕೆ.ಆರ್.

೨ನೇ ಸೆಮಿಸ್ಟರ್

ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗ

ಕಾಡುವನೆನಪುಗಳು-ಮರೆಯಲಾಗದ ಇತಿಹಾಸವೂ

ಬಾಲ್ಯದ ನೆನಪು, ಬರಿಯ ನೆನಪಲ್ಲ,

ಅದು ಅಪ್ಪನ ಹೆಗಲ ಸೋಪಾನ,

ನನ್ನದಾಗಿತ್ತು ಸಿಂಹಾಸನ,

ಕಾಲ್ಚಾರಿ ಬಿದಾಂಗ ಅಮ್ಮನ ಸಮಧಾನ.

ಅಜ್ಜಿಯ ಕಾಗೆ-ಗುಬ್ಬಿ ಕಥೆಗಳು,

ಅಜ್ಜನ ಪೆಪ್ಪರಮೆಂಟಾ, ರಾತ್ರಿ ಮನೆಯಂಗಳಕ್ಕೆ ಬರುವ

ಬಂದ್ರ ತಾರೆಗಳ ದಂಡು.

ಕ್ರೈ-ಕಾಲು ಮುರಿದ ಗೊಂಬೆ,

ಅ ಆ ಇ ಈ ಯಿಂದ ತುಂಬಿ ಹೋದ ಮನೆಗೋಡೆ,

ಜಲ್-ಜಲ್ ಎಂದು ಮನೆ-ಮನ

ತುಂಬಿದ ಕಾಲೆಚ್ಚಿಯ ನಾದ,

ಗೆಳೆಯರೊಂದಿಗೆ ಪೆನ್ನಿಲಾ

ಬಳಪಕ್ಕಾಗಿ ನಡೆದ ವಾದ,

ಮರಕೋತಿ, ಚಿನ್ನಿದಾಂಡು

ಕುಂಟಿಬಿಲ್ಲೆಗಳಲ್ಲಿ ಕಳೆದುಹೋದ ಲೋಕ.

ಶಾಲೆಗೆ ಹೋಗಲು ಅಡ್ಡಿ ಮಾಡುವ

ನನ್ನ ಕಳ್ಳ ನೆಪಗಳು,

ಗದರಿಸುವ ಮೇಷ್ಟ್ರುನನ್ನ ನೆನಪಿಸಿಕೊಂಡು ಅತ್ತಾಗ,

ಮನೆಯಲ್ಲಿ ಅಪ್ಪನ ಆರ್ಭಟ.

ಚೆಡ್ಡಿಯಲ್ಲಿ ಗಲೀಜು ಮಾಡಿಕೊಂಡಾಗ

ಅಮ್ಮನ ಕುಟುಕು-

ತಾರಕ್ಕೇರುವ ನನ್ನ ರಾಗ-ಆಲಾಪ;

ಹೊಟ್ಟೆಯಲ್ಲಿ ಹಣ್ಣಿನ ಬೀಜ

ಸೇರಿದಾಗ, ಮರವಾಗುತ್ತೇನೋ

ಎಂಬ ಭಯ;

ನೈವೇಧ್ಯ ತಿನ್ನಲು ದೇವರು

ಬಂದೇ ಬರುತ್ತಾರೆಂಬ ಬಲವಾದ ನಂಬಿಕೆ

"ಕಣ್ಣು ಕುರುಡೋ, ಕುರುಡು ಕಣ್ಣೋ"

ಎಂಬ ದೊಡ್ಡ ತಲೆಗಳ ಅಭಿನಯ

ಆ ಕಲಾರಂಗದಲ್ಲಿ ನನ್ನ

ಮಾಗ್ಧ ಮನಸಿನ ಆಟ-ಓಡಾಟ,

ಅರಿವಿಗಾಗಿ ಅಲೆದಾಟ,

ಇತಿಹಾಸ ಪುಟ ಸೇರಿದ ನೆನಪು

ಬರಿಯ ನೆನಪುಗಳಲ್ಲ;

ಮಾಗ್ಧತೆಯ ಸಮ್ಮಿಲನ,

ಅಂತೆ ಕಂತೆಯೊಳಗಿನ ಜೀವನ;

ದೊಡ್ಡವರಾಗಬೇಕೆಂಬ ಹಂಬಲ

ಇದು ಬದುಕು ಕೊಟ್ಟ ಸಾಲ್.

ಕೊನೆಗೊಂದು ಗುಟುಕು;

ಬಾಲ್ಯದ ನೆನಪಿನ ಸಂತೆಯೊಳಗೆ

ಕಳೆದು ಹೋದ ಮಗು ನಾನು

ಮತ್ತೆ ಬಾಲ್ಯವ ಕೊಡಿಸುವಿರಾ?

ವಾಸ್ತವದ ಜಗದೊಳಗೆ ದೂಡುವಿರಾ?

ಖರೀದಿ ಮಾಡಲಾಗದ

ಸರಕಿಗೆ ಬೆಲೆ ಕಟ್ಟುವಿರಾ?

ಬದಲಾಗಿದೆ

ನನ್ನೂರ ಮೂಲೆಯಲಿ

ಮುರುಕು ಬಾಗಿಲಿನ

ಬಾಡ್ಡಿ ದೀಪದ ಆ

ನಾಯಕರ ಹಳೇ ಹೆಚಿನ ಅಂಗಡಿ

ಬದಲಾಗಿದೆ.

ಗಾಜಿನ ಡಬ್ಬುಗಳಲ್ಲಿನ

ಬಣ್ಣ ಬಣ್ಣದ ಮಿಠಾಯಿ, ಶುಂಠಿ ಪೆಪ್ಪರಮೆಂಟು

ಮೌನವಾಗಿದೆ

ಃ ಸ್ವಾರಾ, ಕ್ಯಾಡ್ ಬರಿ

ಡೈರಿ ಮಿಲ್ಕುಗಳು ಪಿಸುಗುಟ್ಟುತ್ತಿವೆ.

ನನ್ನ ಬಾಲ್ಯ

ನಾಯಕರ ಅಂಗಡಿಯಲ್ಲಿ ಈಗ

ಕಪ್ಪು ಸಿಪ್ಪೆಯ ಬಾಳೆಹಣ್ಣು

ನಾಣಿ ತರುವ ಪ್ಯಾಕ್ ಮಾಡಿದ

ಹೋಮ್ ಮೇಡ್ ಆಲೂ ಚಿಪ್ಪು

ಆ ಮಿಣ ಮಿಣ ಚಿಮಣಿ ದೀಪ

ಸಾಲಿನ ಬಲೆ ಕಬ್ಬಿದ ಪತ್ತಾಸ್

ಓರಲೆ ಹಿಡಿದ ಗೋಡೆ

ಎರಡು ಕಾಲಿನ ಬೆಂಚುಗಳಿಲ್ಲ.

ಹೊಸ ಸೀರೆ ಬೇಕೆಂಬ

ಹೆಂಡತಿಯ ಕಿರಿ ಕಿರಿ

ಚೆಡ್ಡಿ ಹರಿಯಿತೆಂದು ಗೌಜಿಡಿವ ಮಾಣಿ

ಮಾಕ್ಕಿದ್ಧ ಸಿಮೆಂಟು

ನಾಯಕರ ರೌದ್ರಾವತಾರ

ತಾಳಿ ಅದೆಷ್ಟೋ ದಿನಗಳಾಯ್ತು.

ಅಂಗಡಿಯ ಗೋಡೆಗಳೂ ಸುಣ್ಣ ಬಣ್ಣದಿಂದ ನಗುತ್ತಿವೆ

ಮೂಲೆಯಲ್ಲೊಂದು ಟಿ.ವಿ.
 ಒಂದು ಬದಿ ಎಲ್.ಇ.ಡಿ ಬಲ್ಬು
 ಮತ್ತೊಂದು ಬದಿ ಟ್ರೂಬ್ ಲೈಟಿನಿಂದ
 ಅಂಗಡಿ ಮಿನುಗುತ್ತಿವೆ.
 ಲೇಸು ಕುರ್ಕರೆ, ಮಾಜಾ
 ಫಾಂಟಾ ಮೊನ್ನೆ ತಾನೆ ಅಣ್ಣನ ಮಗ
 ತಂದು ಹಾಕಿದ ನಾಲ್ಕೈದು ಕುರ್ಚಿಗಳಿಂದ
 ತುಂಬಿದೆ ಅಂಗಡಿ
 ಕೊನೆಗೆ,
 ನನ್ನೂರ ಆ ನಾಯಕರ
 ಹಳೆ ಅಂಗಡಿ ಬದಲಾಗಿದೆ
 ಹಾಗೆ ಮನವೂ....

ಸುವ್ಯತಾ

೨ನೇಸೆಮಿಸ್ಟರ್ ಇ.ಸಿ.ಇ-ಬಿವಿಭಾಗ

ಬಾಲ್ಯದನೆನಪುಗಳು

ಸವಿ ಸವಿ ನೆನಪುಗಳುಸಾವಿರ ನೆನಪುಗಳು
 ನನ್ನ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಅಜ್ಜನೆ ಜೊತೆ ತೋಟದಲ್ಲಿ ಓಡಾಡಿದ ನೆನಪುಗಳು
 ಅಜ್ಜಿಯ ಜೊತೆ ಅಳುಗಾಣೆಮನೆಯಾಡಿದ ನೆನಪುಗಳು
 ಅವರನು ಮೋಸದಿ ಸೋಲಿಸಿ ತಾ ಗೆದ್ದೆ ಎಂಬ
 ನನ್ನ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಬೇಸಿಗೆ ರಜೆಯನು ಸವಿಯಲು ಕಾಯುತ್ತಿದ್ದ ತವಕ
 ಪರೀಕ್ಷೆ ಮುಗಿದೊಡನೆ ರೈಲು ಬಂಡಿಯ ಇಂಚರ
 ಜಗವೇ ನನ್ನದೆನ್ನುವ ಹುಚ್ಚು ಹಂಬಲ
 ನನ್ನ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಸ್ನೇಹಿರೊಂದಿಗೆ ಈಜು ಹೊಡೆಯುವ ಉತ್ಸಾಹ
 ದಣೆದು ತಣಿಯಲು ಸೀಪೆಕಾಯಿ ಕದ್ದ ನೆನಪು
 ಮರದ ರೆಂಬೆ ಕೊಂಬೆಯಲ್ಲಿ ಉಯ್ಯಾಲೆ ಆಡಿದ ನೆನಪು
 ನನ್ನ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಊರ ಹಬ್ಬಕ್ಕೆ ಸೇರುವ ನೆಂಟರ ಕಾಣಲು

ಜಾತ್ರೆಯಲಿ ಸಿಗುವ ಮಿಠಾಯಿಗಳ ಸವಿಯಲು
 ರಾಜ ಬೀದಿಯಲಿ ಪುರೆಯುವ ಶಿವನ ನೋಡಲು
 ಕಾಯುವ ನನ್ನ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಎಲ್ಲಿ ಪುರೆಯಾದವು ಆ ಮೋಜಿನ ದಿನಗಳು?
 ಎತ್ತು ಹೋದರು ನಮ್ಮ ಸಲಹುವ ಅಜ್ಜ ಅಜ್ಜಿಯರಾ?
 ಎಲ್ಲಿ ಮಾಯವಾಯಿತು ಚಿಂತೆಯಿಲ್ಲದ ಜೀವನ?
 ಸಿಗದೆ, ಸವಿ ಘಳಿಗೆಯಂತೆ ಇದ್ದೆ ಆ ಬಿಣ್ಣಾರ ಲೋಕ!
 ಆ ನನ್ನ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಮತ್ತೆ ಬರಬಾರದೆ ಆ ಸಮಯ
 ಮತ್ತೆ ಸಿಗಬಾರದೆ ಆ ಸ್ನೇಹಿತರಾ
 ಕಾಯುತ್ತಲಿರುವೆ, ಕಾಯುತ್ತಲಿರುವೆ.....

ಭರತ್ ಕುಮಾರ್ ಎಂ.ಆರ್.

೨ನೇ ಸೆಮಿಸ್ಟರ್

ಇ.ಸಿ.ಇ. ಎ- ವಿಭಾಗ

ನನ್ನ ಬಾಲ್ಯ

ಜೀನಿನಂತೆ ಸವಿಯಾದ ಸವಿ ನೆನಪುಗಳು
 ಕಣ್ ತೆರೆದರೂ, ಕಣ್ ಮುಚ್ಚಿದರೂ
 ನೆನೆದರೆ ಕಣ್ ಮುಂದೆ ಬರುವ ಆ ನೆನಪುಗಳು
 ಬಾಲ್ಯದ ಸಿಹಿ ಸವಿನೆನಪುಗಳು
 ಗೆಳೆಯರ ಜೊತೆಗಿನ ಒಡನಾಟ
 ಆಡಿದ ಚಿಣ್ಣಿದಾಂಡಿನ ಆಟ
 ಚಿಣ್ಣಿಯನ್ನು ಹಿಡಿಯಲು ಪರದಾಟ.
 ಗೆಳೆಯರೊಡನೆ ಗಾಲಿ ಹೊಡೆಯತಾ ತೋಟಕಿ ಓಟ,
 ಆಡಿದವು ಮರಕೋತಿಯ ಆಟ,
 ಕೆಳಗೆ ಬಿದ್ದು ಕಲಿತವು ಎಂಥ ಪಾಠ,
 ಕಣ್ ತೆರೆದರೂ, ಕಣ್ ಮುಚ್ಚಿದರೂ
 ಕಣ್ ಮುಂದೆ ಬರುವ ಆ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಗುರುಗಳಿಂದ ತಿಂದ ಕೋಲಿನ ಏಟು
 ಅಪ್ಪನ ಬುದ್ಧಿಯ ಮಾತು
 ಅಮ್ಮನ ಮಡಿಲಿನ ಪ್ರೀತಿ

ಅಕ್ಕನ ಅಕ್ಕರೆಯ ಅಪ್ಪಿಗೆ,
 ಕಣ್ ತೆರೆದರೂ, ಕಣ್ ಮುಚ್ಚಿದರೂ
 ಕಣ್ ಮುಂದೆ ಬರುವ ಆ ಬಾಲ್ಯದ ನೆನಪುಗಳು.
 ಕಲ್ಪನೆಗಳ ಲೋಕದಲ್ಲಿನ
 ಭಾವನೆಗಳ ತೀರದಲ್ಲಿನ
 ಮನದಾಳದ ಮಾತುಗಳು
 ಸವಿಯಾದ ಸವಿ ನೆನಪಿನ
 ಸ್ವಚ್ಛಂದ ಬಾಲ್ಯದ ಸವಿ ನೆನಪುಗಳು.

ವಿಜಯ್ ಪಾಟೀಲ್

೨ನೇ ಸೆಮಿಸ್ಟರ್ ೨೦.ಬಿ.ಎ

ಮನದಾಳದ ಮಾತುಗಳು

ಮಾಂಜಾನೆ ಮಂಜಿನ ಕನ್ನಡಿಯಲ್ಲಿ ಅರಳಿದ ಸೊಬಗು
 ಚೆಲ್ಲುತ್ತಿದೆ ಸೂರ್ಯನ ಕಿರಣಗಳ ಕಾಂತಿಯ ಬೆಡಗು
 ನಾಚುತ್ತಾ ಮೈಯೊಡ್ಡಿದೆ ಪ್ರಕೃತಿಯ ಸೊಗಡು
 ತೇಲುತ್ತಾ ಮೂಡಿಬಂದಿದೆ ಪಕ್ಷಿಗಳ ಇಂಪಾದ ಸಂಗೀತದ
 ಹಡಗು.
 ಹಣ್ಣಿಮೆಯ ಚಂದ್ರನ ಬೆಳದಿಂಗಳಲ್ಲಿ ಮೂಡಿದೆ ಕನಸು,
 ಎರಡು ಪುಟ್ಟ ಹೃದಯಗಳು
 ಕಣಿವೆಗಳಲ್ಲಿ ಸುಳಿದಾಡುತ್ತಿವೆ ಕವಿಯ ಕವಿತೆಗಳು,
 ವರ್ಣಿಸಲಾಗದ ಛಾಯೆಗಳು ತೇಲಿ ಬಂದಿದೆ ಕವಿಯ
 ಹೃದಯದಲ್ಲಿ.
 ಒಂಟಿತನಕ್ಕೆ ಕಾರಣ ಮನಸಲ್ಲ
 ಮನಸಿನಾಳದ ಪ್ರೀತಿಯಲ್ಲ
 ಪ್ರೀತಿಯಲ್ಲಿನ ನೋವಲ್ಲ
 ನೋವಲ್ಲಿನ ಮಿಡಿತವಲ್ಲ
 ಒಂಟಿಯೇ ಒಂಟಿತನಕ್ಕೆ ಕಾರಣ.
 ಬೆಟ್ಟಗಳ ಕಣಿವೆಯಲ್ಲಿ ಹರಿದಾಡುತ್ತಿವೆ ಕಣ್ಣುಗಳು
 ಹಸಿರಿನ ಸೌಂದರ್ಯಕ್ಕೆ ಸೋತಿವೆ ಮನಸುಗಳು
 ಮನಸ್ಸಿನಿಂದ ಹೊರಬಂದ ಸಂಗೀತ ಸುಮಧುರ ಸ್ವರಗಳು
 ತುಂಬಿ ತುಳುಕುತ್ತಿವೆ ಜಲಪಾತಗಳು.

ಮಳೆಗಾಲದ ಮಳೆಯಲ್ಲಿ ಮನಸಾಗಿದೆ ಮನದಲ್ಲಿ,
 ಸೌಂದರ್ಯದ ಸೊಬಗಲ್ಲಿ ನರ್ತಿಸಿದೆ ನವಿಲಲ್ಲಿ,
 ಆ ಸುಂದರ ಕ್ಷಣಗಳಲ್ಲಿ ಮೂಡಿದೆ ಕವಿತೆ
 ಪ್ರೀತಿಯ ಸಂದೇಶಗಳು ಸ್ಪಂದಿಸಿವೆ ಹೃದಯಗಳ
 ಮೂಲೆಯಲ್ಲಿ.

ನಂಜುಡೇಶ್ವರಜಿ ಎಲ್.

೨ನೇ ಸೆಮಿಸ್ಟರ್

ಇ.ಸಿ.ಇ. ಎ-ವಿಭಾಗ

ಅಧಿಕವರ್ಷದ ಬಗ್ಗೆ ಮಾಹಿತಿ.....

ಎಲ್ಲರಿಗೂ ತಿಳಿದಿರುವಂತೆ ಫೆಬ್ರವರಿ ತಿಂಗಳಲ್ಲಿ ಇರುವುದೇ
 ೨೮ ದಿನಗಳು! ಆದರೆ ೨೯ನೇ ತಾರೀಖು ಸಹ ಫೆಬ್ರವರಿ
 ತಿಂಗಳಲ್ಲಿ ಬರುತ್ತದೆ. ಅದು ನಾಲ್ಕು ವರ್ಷಗಳಿಗೊಮ್ಮೆ ಈ
 ಹೆಚ್ಚುವರಿ ೨೯ನೇ ತಾರೀಖಿನ ದಿನಕ್ಕೆ ಲೀಪ್ ಈಯರ್
 ಎನ್ನುತ್ತಾರೆ.

ಈ ರೀತಿ ಫೆಬ್ರವರಿಯಲ್ಲಿ ಕೇವಲ ೨೮ ದಿನಗಳಾಗಲು
 ಕಾರಣವೂ ಸ್ವಾರಸ್ಯಕರವಾಗಿದೆ. ನಾವು ಇಂದ ಬಳಸುವ
 ಕ್ಯಾಲೆಂಡರ್ ರೋಮನ್ ಕ್ಯಾಲೆಂಡರ್. ರೋಮನ್
 ರಾಜರುಗಳು ತಮ್ಮ ಆಡಳಿತಾವಧಿಯಲ್ಲಿ ತಮ್ಮ ಹೆಸರಿನ
 ತಿಂಗಳಿಗೆ ಅಧಿಕ ದಿನವನ್ನು ಕೊಡಲು ಬೇರೆ ತಿಂಗಳಿನಿಂದ
 ದಿನವನ್ನು ಕಿತ್ತು ತಮ್ಮ ಹೆಸರಿನ ತಿಂಗಳಿಗೆ
 ಹಾಕಿಕೊಳ್ಳುತ್ತಿದ್ದರು. ಹೀಗೆ ಫೆಬ್ರವರಿಯಿಂದ ದಿನ ಕಿತ್ತು
 ತಮ್ಮ ಹೆಸರಿನ ತಿಂಗಳಿಗೆ ಹಾಕಿಕೊಂಡವರು ಅಗಸ್ಟಸ್ ಹಾಗೂ
 ಜೂಲಿಯಸ್. ಹೀಗಾಗಿ ಫೆಬ್ರವರಿಯಲ್ಲಿ ೩೦ಕ್ಕೆ ಬದಲು
 ಕೇವಲ ೨೮ ದಿನಗಳು.

ನಿಶಿತ. ಆರ್

೨ನೇ ಸೆಮಿಸ್ಟರ್

ಇ.ಸಿ.ಇ. -ಬಿವಿಭಾಗ

ಮುಗಿಲಮಲ್ಲಿಗೆ

ಅವಳ ಮೊಗ ಚಂದ್ರನಂತೆ

ಎಂದು ಹೇಳುವ ಕವಿ ನಾನಲ್ಲ.

ಚಂದ್ರನಲೂ ಕಲೆಯಾಂಟು

ಎನ್ನವಳ ಮನದಲ್ಲೊಲೊ.

ಎನ್ನ ಬಾಳ ಮರುಭೂಮಿಯಲಿ

ಚಿಮ್ಮುವ ಚಿಲಾಮೆ ನೀನು.

ಕತ್ತಲಾ ತಾಂಬಿದ ಬದುಕಲಿ

ಬೆಳಗಿದ ಜ್ಯೋತಿ ನೀನು.

ಬರದಲಿ ಮನತನೆಯೊ

ಮಳೆಯಂತೆ ನೀ ಬಂದೆ

ಕಳೆದು ಹೋದೆ ನಾ ನಿನ್ನ

ಕಡಲಾಳದ ಪ್ರೀತಿಯ ಮುಂದೆ

ಬೆಸೆಯಿತು ಬಂಧ ಸುಮದಲ್ಲೊನ

ಪರಿಮಳದ ಹಾಗೆ

ಕಾಡುವ ವಿಧಿ ಎಣಿಸಿತ್ತು

ಮತ್ತೊಂದು ಬಗೆ.

ಕಾದಿರುವೆ ನಾ ನಿನಗೆ ಓ ಮುಗಿಲ ಮಲ್ಲಿಗೆ

ಹೋದೆ ನೀ ಮತ್ತೆ ಬಾರದ ಕಡೆಗೆ.

ಕಳೆಯುವೆ ಜೀವನ ನೆನೆದು ನೀ ಜೊತೆಗಿದ್ದ ಸಮಯವ

ಬಂದು ಸೇರುವೆ ನಿನ್ನ, ಮುಗಿಸಿ ನನ್ನ ಪಯಣವ.

ಸುಕೃತ್ ಗೌಡ ಎಂ.ಎ.

ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು

ಗಣಕ ಶಾಸ್ತ್ರ ವಿಭಾಗ

ವ್ಯರ್ಥ ಮನಸ್ಸುಗಳು

ಬದುಕಿನಲ್ಲಿ ಸಾಧಿಸದಿದ್ದರೆ ಜೀವನ ಬಲು ವ್ಯರ್ಥ

ಇರುವವರೆಲ್ಲ ನಮ್ಮವರಾಗದಿದ್ದರೆ ಜೀವನ ಬಲು ವ್ಯರ್ಥ

ಕನಸುಗಳನ್ನು ಸಾಕಾರಗೊಳಿಸದಿದ್ದರೆ ಜೀವನ ಬಲು ವ್ಯರ್ಥ

ನಮ್ಮವರಲ್ಲದವರನ್ನು ನೆನಪಿಸಿಕೊಳ್ಳುವುದು ಬಲು ವ್ಯರ್ಥ

ಮನಸ್ಸುಗಳನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳದವರಿದ್ದರೆ ಜೀವನ ಬಲು

ವ್ಯರ್ಥ

ದುಡಿಮೆಯನ್ನು ಶ್ರಮ ಪಟ್ಟು (ಶ್ರದ್ಧೆಯಿಂದ) ದುಡಿಯದಿದ್ದರೆ

ಜೀವನ ಬಲು ವ್ಯರ್ಥ

ಮುಂದಿನ ದಿನಗಳನ್ನು ಬಯಸದಿದ್ದರೆ ಜೀವನ ಬಲು ವ್ಯರ್ಥ

ಮೀಸಲು

ದೇವರಿಗೆ ಭಕ್ತರೆ ಮೀಸಲು

ತಂದೆತಾಯಿಯರಿಗೆ ಮಕ್ಕಳೇ ಮೀಸಲು

ಅಧ್ಯಾಪಕರುಗಳಿಗೆ ವಿದ್ಯಾರ್ಥಿಯೇ ಮೀಸಲು

ಓದುವುದು ಓದುವುದಕ್ಕೆ ಮೀಸಲು

ಬರೆಯುವುದು ಬರೆಯುವುದಕ್ಕೆ ಮೀಸಲು

ಜೀವನವು ಬದುಕಿಗೆ ಮೀಸಲು

ನಿಮಗೆ ನೀವೇ ಮೀಸಲು

ವ್ಯಕ್ತಿತ್ವವು ಮತ್ತು ನಡತೆಯು ಜೀವನ ಪರ್ಯಂತ ಮೀಸಲು.

ಕೇಂದ್ರೀಕೃತ

ಅಂದು ಇಂದು

ಅಂದು ಶಾಲಾ ಕಾಲೇಜಿನ ದಿನಗಳಲ್ಲಿ ನಾನು ಕೇಂದ್ರೀಕರಿಸುತ್ತಿದ್ದೆ

ಅಂದು ಶಾಲಾ ಕಾಲೇಜಿನ ದಿನಗಳಲ್ಲಿ ನಾನು ಕೇಂದ್ರೀಕರಿಸುತ್ತಿದ್ದೆ
ಇಂದು ನನ್ನ ಜೀವನದಲ್ಲಿ ನಡೆಯುತ್ತಿರುವುದನ್ನು ನೋಡಿದರೆ

ನಾನು ಏನು ಕೇಂದ್ರೀಕರಿಸುತ್ತಿದ್ದೆ ಎಂದು ತಿಳಿಯುತ್ತಿದೆ.

ಮುಂದೆ ನಿಮ್ಮ ಜೀವನ ಅಮೂಲ್ಯವಾಗಿರಲಿ ಎಂದು ಹಾರೈಸುವೆ.

ಭಾವನೆ (ಕಲ್ಪನೆ)

ಅಂದು ನಾನು ಒಂದು ಗೆಳತಿಯನ್ನು ನೋಡಿದೆ

ಅಂದು ನಾನು ಒಂದು ಗೆಳತಿಯನ್ನು ನೋಡಿದೆ

ಅವಳು ಕೂಡ ನೋಡಿದಳು ಎಂದು ಭಾವಿಸಿದೆ

ಆದರೆ ಇಂದು ಕಣ್ಮರಗಿಸಿ ನೋಡಿದಾಗ ತಿಳಿಯಿತು ಅವಳು
ನೋಡಿದ್ದು

ಅವಳ ಜೊತೆಯಲ್ಲಿ ಇದ್ದ ತನ್ನ ಗಂಡನನ್ನು ಎಂದು.

ಕನಸು ನನಸು

ಅಂದು ಕಾಣುತ್ತಿದೆ ನಾನು ಕನಸುಗಳನ್ನು

ಅಂದು ಕಾಣುತ್ತಿದೆ ನಾನು ಕನಸುಗಳನ್ನು

ಆದರೆ ಅವುಗಳಲ್ಲಿ ಕೆಲವು ಮಾಯವಾಗುತ್ತಿದ್ದವು

ನಾನು ಬೆಳಗ್ಗೆ ಎಚ್ಚರವಾಗುವಷ್ಟರಲ್ಲಿ
ಆದುದರಿಂದ ನಾನು ತಿರ್ಮಾನ ತೆಗೆದುಕೊಂಡೆ
ಇನ್ನು ಮುಂದೆ ನಾನು ಕಾಣುವೆ ನನಸಾಗುವ ಕನಸುಗಳನ್ನೆ.

ನವೀನ್ ಕುಮಾರ್. ಹೆಚ್ .ಸಿ
ಸಹಾಯಕ ಗ್ರಂಥಪಾಲಕರು

ಜಲಂತರಂಗ (ನೀರಿನನೋವು)

ಬರಿದಾದ ಎನ್ನೆದೆಯ ಗೂಡಿಗೆ
ಕಿಚ್ಚು ಹಚ್ಚುವುದೆಂತ ಪರಿ!
ಎನ್ನೆ ದೇಹದಂಗಾಂಗಳ ಜೊತೆ
ನೆತ್ತರವನು ಬಿರೆಸಿ ಹೋರಣವ ಮಾಡಿ
ಸಂಭ್ರಮಿಸುವುದೆಂತ ಪರಿ!
ಎನ್ನಂತರಂಗದ ಒಡಲ ಕಿಚ್ಚು
ನಿನ್ನೆ ಸುಡದಿರುವುದೆ?
ನಾನಿಲ್ಲದೆ ಒಸಾಂಧೆಯ
ಒಡಲು ಹಸಿರಾಗುವುದೆ?
ನಾನಿಲ್ಲದೆ ಕಡಲ ಕಿನಾರೆ
ಕಿಂಚಿತ್ತು ಕಿರಾನಗುವಳೆ?
ಗಿರಿ, ಪರ್ವತ, ಹರಿದ್ವರ್ಣ
ಕಾನನ ಸಿರಿವಂತರಾಗುವರೆ?
ಕೇಳುವವರಿಹರಾರಿಲ್ಲ ಎನ್ನ
ಮನದಾಳದ ಮಾತು,
ಮನುಕುಲದ ಒಳಿತಿಗಾಗೇ
ಜನ್ಮಿಸಿರುವ ಎನ್ನೆ ಮರೆತು
ನೆಲ-ಜಲ ಹೋರಾಟದಲಿ ನಾನಿನ್ನೊಡನೆ

ಸೋತು, ಸೋತು ಪರಿ ಪರಿಯಾಗಿ
ಬೇಡುತ್ತಿರುವೆ ಆಲಿಸು ಎನ್ನೆ ಈ ಮಾತು.
ವರುಷಕ್ಕೊಂದು ಭಾರಿ
ಎನ್ನೆ ನೆನಪು ಮಾತ್ರ!
ನೆಲದಾಳದಲಿ ಬರಿದಾಗುತಿಹುದೆನ್ನೆ ಗಾತ್ರ!
ಭವಿಷ್ಯದ ಮನು ಪೀಳಿಗೆ
ತಿಳಿಯಲಾರೆನ್ನೆ ಗೋತ್ರ!
ಇನ್ನಾದರೂ ಆರಿಯಿರಿ
ಧಗ ಧಗಿಸಿತಿಹ ಜಗನುಳಿಸಲು ಸಾಧ್ಯ
ನನ್ನಿಂದ ಮಾತ್ರ, ನನ್ನಿಂದ ಮಾತ್ರ, ನನ್ನಿಂದ ಮಾತ್ರ.

ಮೊನ್ನೆ-ಸೊನ್ನೆ

ಪರಿಚಿತವಾದೆನುನಾಅವಳಿಗೆಮೊನ್ನೆ
ಪುಳುಕಿತವಾದೆನುನೋಡಿಅವಳಕೆನ್ನೆ
ಅಚಲಿತನಾದೆನುನೋಡಿನನ್ನೆಅಂಕಪಟ್ಟಿಯಲ್ಲಿರುವೆನೊನ್ನೆ.

ದುಂಬಿ- ಕಂಬಿ

ಕವಿಪುಂಗವಬರೆದ
ಹೆಣ್ಣೊಂದುದುಂಬಿ, ಹೆಣ್ಣೊಂದುದುಂಬಿ!!
ಅದನ್ನೋದಿದವೋರನೊಬ್ಬಹಿಡಿಯಲೆಂದುಹೋದದುಂಬಿ,
ಮರುದಿನವೇಎಣಿಸುತ್ತಿದ್ದುಜ್ಯಲಿನಕಂಬಿ, ಜ್ಯಲಿನಕಂಬಿ!!

ವೈ. ರವೀಂದ್ರಆರ್.ಎಸ್.

ಸಹಾಯಕಪ್ರಾಧ್ಯಾಪಕರು

ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

ಪರಿಸರದಿನ

ಆಧುನಿಕ ಸಂಸ್ಕೃತಿ ನಾಗರಿಕತೆಗಳೆಲ್ಲವೂ ಜನಪರವಾಗಿದೆ. ನಮ್ಮ ವೈಚರಿಕತೆ. ವೈಜ್ಞಾನಿಕ ದೃಷ್ಟಿಕೋನಗಳೂ ಮನುಷ್ಯ ಸಮಾಜದ ಚೌಕಟ್ಟನ್ನು ಮೀರಿ ಬೆಳೆಯುವುದಿಲ್ಲ. ಪ್ರತಿಯೊಂದು ವಸ್ತು ವಿಷಯವನ್ನು ಸ್ವಾರ್ಥಪರತೆಯಿಂದ ಮಾತ್ರವೇ ನೋಡುವ ಸಂಕುಚಿತ ದೃಷ್ಟಿಯಿಂದಾಗಿ ಮಾನವ ಇಂದು ತನ್ನೆ ಕುಲಕ್ಕೆ ಅಪಾರ ಕಷ್ಟನಷ್ಟಗಳನ್ನು ತಂದುಕೊಂಡಿರುವುದಲ್ಲದೆ ಪ್ರಪಂಚದ ಸ್ಥಿತಿಗತಿಗಳ ಸಮತೋಲನವನ್ನು ಹದಗೆಡಿಸಿಬಿಟ್ಟಿದ್ದಾನೆ. ಅಂತರಿಕ್ಷದ ಅನ್ವೇಷಣೆಯ

ಎತ್ತರಕ್ಕೇರತೊಡಗಿರುವ ಮಾನವ ಶಕ್ತಿ ತನ್ನ ಅಡಿಪಾಯವಾದ ಪ್ರಕೃತಿಯತ್ತ ತೀವ್ರ ನಿರ್ಲಕ್ಷ್ಯವನ್ನು ಮಾತ್ರವಲ್ಲದೆ ಪ್ರತಿಗಾಮಿ ಧೋರಣೆಯನ್ನು ತಾಳಿರುವುದು ದುರ್ದೈವ.

ಮಾನವ ಪರಿಸರದ ಶಿಶು. ಪರಿಸರದ ಉಳಿವು ಮಾನವ, ಸಸ್ಯ, ಪ್ರಾಣಿಲೋಕಗಳ ಉಳಿವೂ ಆಗಿದೆ. ಪ್ರಕೃತಿ ಇಂದು ಅನೇಕ ಕಾರಣಗಳಿಂದ ಮಲಿನಗೊಳ್ಳುತ್ತಿದೆ. ಉದಾ:- ಜನಸಂಖ್ಯಾ ಪರಿಸರ ನಮ್ಮೆಲ್ಲರ ಬೆನ್ನೆಲಾಬಾಗಿದೆ ಆದರೆ ಪರಿಸರದ ಸ್ಪೋಟದಿಂದ ಹೆಚ್ಚುತ್ತಿರುವ ನಗರೀಕರಣ, ಕಾರ್ಖಾನೆ, ಬೆನ್ನಿಗೆ ಯಾರಿದ್ದಾರೆ? ಅದನ್ನು ಯಾರು ರಕ್ಷಿಸುತ್ತಾರೆ? ವಾಹನಗಳು, ರಸ್ತೆಗಳು, ನಿರ್ಮಾಣ ಕೆಲಸಗಳು, ಬಾಂಬ್ ಪರಿಸರ ನಿರ್ನಾಮವಾದರೆ ಮಾನವ ಎಂಬ ತೃಣಜೀವಿ ಹೇಗೆ ಸ್ಪೋಟ, ಅರಣ್ಯ ನಾಶ, ಗಣಿಗಾರಿಕೆ ಮುಂತಾದವುಗಳು ಬದುಕುತ್ತಾನೆ? ಇಂತಹ ಅನೇಕ ಪ್ರಶ್ನೆಗಳ ಕುರಿತು ಸುಂದರ ಪ್ರಕೃತಿ ಮಾತೆಯ ಸೊಬಗನ್ನು ಮಲಿನ ಯೋಚಿಸುವ ಗಂಭೀರ ಸ್ಥಿತಿ ಒಂದು ಮಾರ್ಪಾಡಾಗಿದೆ. ಮಾಡುತ್ತಿವೆ. ಪ್ರಕೃತಿ ಹದಕೆಟ್ಟಿರುವುದು ಹಾಗಾಗಿ ನಾವು ಮನುಷ್ಯರು ಮಾಡಿರುವ ತಪ್ಪನ್ನು ಸರ್ವವೇದ್ಯವಾಗಿದ್ದರೂ, ಎಲ್ಲರೂ ಆದಕ್ಕೆ ಕಾರಣ ಮೊದಲು ಸರಿ ಮಾಡಿ, ನಮ್ಮ ಸುಂದರ ಪರಿಸರವನ್ನು ಉಳಿಸಿ ಪಟ್ಟಿಮಾಡುತ್ತಾ ಕಾಲಹರಣ ಮಾಡುತ್ತಾ ಕಾಲಹರಣ ಬೆಳೆಸಿ ರಕ್ಷಿಸಬೇಕು.

ಮಾಡುತ್ತಿದ್ದೆವೆಯೇ ಹೊರತು ಪರಿಹಾರವನ್ನು "ಕಾಡನ್ನು ಬೆಳೆಸಿ, ನಾಡನ್ನು ಉಳಿಸಿ" ಎಂಬ ವಾಕ್ಯವನ್ನು ಕಂಡುಕೊಳ್ಳುವ ಪ್ರಯತ್ನ ಮಾಡುತ್ತಿಲ್ಲ. ಪರಿಸರ ಹೇಳುವುದು ಅಷ್ಟೆ ಅಲ್ಲದೆ ಕಾರ್ಯರೂಪಕ್ಕೆ ಸಂಬಂಧಿಸಿ ಸಮಸ್ಯೆಗಳು ನಾವೇ ಸೃಷ್ಟಿಸಿಕೊಂಡಿರುವುದು. ತರುವುದರಲ್ಲಿ ನಮ್ಮಂತಹ ಯುವಜನತೆಯ ಪಾತ್ರ ಪ್ರಕೃತಿಗೆ ಸಂಬಂಧಿಸಿದ ತೊಂದರೆಗಳು ನಮ್ಮ ಸ್ವಾರ್ಥ, ಪ್ರಮುಖವಾಗಿದೆ. ಇಂದಿನಿಂದಲೇ ನಾವು ಇದನ್ನು ಅಚ್ಚಾನ, ಅಲಕ್ಷ್ಯಗಳ ಪರಿಣಾಮವಾಗಿ ಪಾಲಿಸೋಣ, ಪರಿಸರವನ್ನು ರಕ್ಷಿಸಲು ಬಲಿದಾನವನ್ನು ಕಾನಿಸಿಕೊಳ್ಳುತ್ತಿರುವಂಥವು. ಮಾಡಲು ಸಿದ್ಧರಾಗೋಣ, "ಹಸಿರೇ ಉಸಿರು" ನಾವು

ಮಾಲಿನ್ಯವನ್ನು ಹೇಗೆ ನಾವೇ ಸೃಷ್ಟಿ ಮಾಡಿದೆವೆಯೋ ಉಸಿರಾಡಲು ಹಸಿರುಬೇಕು ಹಾಗಾಗಿ ಹಸಿರನ್ನು ಬೆಳೆಸಲು ಹಾಗೆಯೇ ಅದರ ಸಂರಕ್ಷಣೆ ನಮ್ಮ ಹೊಣೆಯಾಗಿದೆ. ಪರಿಸರ ಎಲ್ಲರೂ ಪ್ರತಿಜ್ಞೆ ಮಾಡೋಣ.

ಸಂರಕ್ಷಣೆಗೆ ಹಲವಾರು ಕಾರ್ಯಕ್ರಮಗಳಿವೆ ಸರ್ಕಾರವು ಹಲವಾರು ಯೋಜನೆಗಳ ಮೂಲಕ ಜನರಲ್ಲಿ ಜಾಗೃತಿ ಮೂಡಿಸುತ್ತಿದೆ. ಹಾಗೆಯೇ ವಿಶ್ವಸಂಸ್ಥೆಯೂ ಪರಿಸರದ ಕುರಿತು ಜಾಗೃತಿ ಮೂಡಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ನಿರ್ವಹಿಸುತ್ತಿದೆ, ಅದರ ಅಂಗವಾಗಿಯೇ ಪ್ರತಿವರ್ಷ ಜೂನ್ ೫ರಂದು "ಪರಿಸರ ದಿನ"ವನ್ನಾಗಿ ಆಚರಿಸುತ್ತಾ ಬಂದಿದೆ.

ಜೈ ಹಿಂದ್!!!!

ರೇಷ್ಮ ಎಸ್. ಎಮ್

೨ನೇಸೆಮಿಸ್ಟರ್

೨೨.೦೨ - ಇವಿಭಾಗ

ಸಾರಾಳಭಾವನೆಗಳತರಂಗ

ಮನಸ್ಸಿನ ಭಾವನೆಗಳಿಗೆ ಬರಹ ರೂಪಕ್ಕೆ ಖಾಲಿ ಹಾಳೆಯ ಪುಟಗಳೆಲ್ಲವೂ ತುಂಬಿ ಮುತ್ತಿನ ಸಾಲಗಳ ಮಾಲೆಯಾಗುತ್ತವೆ. ಆ ಮಾಲೆಯಲ್ಲಿ ಸಿಹಿ-ಕಹಿಯ ಸಂಖ್ಯೆಗಳಾದ ಕಟು ಸತ್ಯಗಳಿರುತ್ತವೆ. ಧರೆಯ ಯಾವುದೇ ಮೂಲಿಗೆ ಹೋದರೂ ಶೋಷಣೆಗೆ ಒಳಗಾಗುವವಳು ಹೆಣ್ಣು ಮಗಳೆ. ಮಹಿಳೆಯರ ಮೇಲೆ ನಡೆಯುವ ದೌರ್ಜನ್ಯ, ಅಸಮಾನತೆಗೆ ಕೊನೆ ಸಿಗಬೇಕು. ಸಾರಾಳಾ ಭಾವನೆಗಳಿಗೆ ಬೆಲೆ ಕೊಡಬೇಕು. ಯಾವ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹೋದರೂ ಅವಳಿಗೆ ಪುತ್ರೋತ್ಸಾಹಿಸ ಬೇಕು. ದಿಟ್ಟ, ಧೈರ್ಯವಂತೆ. ಭಲ ಬಿಡದ ಅಚಲ ಮನೋಭಾವದ ಮೂರ್ತಿಯವಳು. ಬುದ್ಧಿವಂತಿಕೆಯಿಂದ ಜಯಿಸುವ ಸಾದ್ವಿಮಣೀ ಇವಳು.

ಸ್ತ್ರೀಯ ಮನಸ್ಸಿನ ಭಾವನೆಗಲಾ ಹಲವಾರು. ಮನೆಯ ಹೊರಗು-ಒಳಗು ಬತ್ತದ ಉತ್ಸಾಹದಿಂದ ತುಂಬಿರುವ ಚಿಮ್ಮುವ ಚಿಲುಮೆಯಾಗಿರುವ ಹೆಣ್ಣಿನ ಮನಸ್ಸು ಭಾವನೆಗಳ ಬುತ್ತಿ. ಯಾರೊ ಹೇಳಿದ ನಾಲ್ಕು ಮಾತು ಮನಸ್ಸಿಗೆ ಮುದ ನೀಡಿದರೆ ಚಿಮ್ಮುವ ಕಾರಂಜಿಯ ಹಾಗೆ ಕುಣಿಯುತ್ತಾಳೆ. ಅಬಲೆಯಲ್ಲ ಮಹಿಳಾ ಸಬಲೀಕರಣದ ಮಾಂದಾಳು. ಏನೇ ಬಂದರೂ ಎಲ್ಲರಿಗೂ ಧೈರ್ಯ ಹೇಳಿ ಮುಂದೆ ಸಾಗುತ್ತಾಳೆ. ಪ್ರೀತಿಯ ಅಕ್ಕ, ಮಮತೆಯ ಮಗಳು, ಮುದ್ದಿನ ತಂಗಿ, ಒಲಮೆಯ ಪ್ರೇಯಸಿ, ನಲಿಮೆಯ ಅಮ್ಮ ಮತ್ತು ಬುದ್ಧಿ ಹೇಳುವ ಅಜ್ಜಿ, ಪಾತ್ರ ಹಲವು ಭಾವನೆಗಳ ತುಡಿತ ಬೇರೇ ಬೇರೇ. ಅಂತರಂಗದ ಅರಿವನ್ನು ಪ್ರತಿಬಿಂಬಿಸುವ ಕನ್ನಡಿ ಇವಳು.

ಮಾನವ ಕಳ್ಳ ಸಾಗಾಣಿಕೆ ಪಿಡಿಗು, ಅತ್ಯಾಚಾರವೆಂಬ ಹೆಮ್ಮಾರಿ ಹಾಗೂ ವರದಕ್ಷಿಣೆ ಕಿರುಕುಳ ಮಹಿಳೆಯ ಧೈರ್ಯವನ್ನೆ ಕುಗ್ಗಿಸುವಂತೆ ಮಾಡಿವೆ. ಹೆಣ್ಣು ಭ್ರೂಣ ಹತ್ಯೆ ಮನಕಲಕುವ ಮತ್ತೊಂದು ಘಟನೆ. ಕೊನೆ ಇಲ್ಲವೆ ಈ ಸಮಾಜಿಕ ಪಿಡುಗುಗಳಿಗೆ. ಪುರುಷ ಪ್ರಧಾನ ಕುಟುಂಬವಾದರೂ, ಈ ಪಿಡುಗುಗಳಿಗೆ ಕೆಲವೊಂದು ಸಲ ಮತ್ತೊಂದು ಮಹಿಳೆಯ ಕುಮ್ಮಕ್ಕು ನೇರ ಹೊಣೆಯಾಗಿರುತ್ತದೆ.

ಏನೇ ಆದರೂ,

ಸಾರ ನೀ ಇಲ್ಲದ ಜೀವನ ನಿಸ್ಸಾರ.

ಇದೋ ನಿನಗೆ ನನ್ನ ನಮಸ್ಕಾರ.

ನಿನ್ನೊಲಮೆ ಎಲ್ಲರ ಬಾಳಿನ ಸಾಕ್ಷಾತ್ಕಾರ.

ಇದ್ದು ಜಯಿಸು ನೀ ಎಲ್ಲರ ಮಮಕಾರ.

ಭವಿಯಿಂದ ಬಾಹ್ಯಾಕಾಶದವರೆಗೆ ನಿನ್ನ ಕೀರ್ತಿ ಅಪಾರ.

ವೈ. ಆತಾ. ಕೆ

ಸಹಾಯಕಪ್ರಾಧ್ಯಾಪಕರು

ಇ.ಸಿ.ಇ. ವಿಭಾಗ

ಜೀವನದ ಸುಖಸೂತ್ರಗಳು

1. ನೀವು ಶಾರೀರಿಕವಾಗಿ ಸುಂದರವಾಗಿರದ್ದರೆ, ಆ ಕೊರತೆಯನ್ನು ನಿಮ್ಮ ವ್ಯಕ್ತಿತ್ವದಿಂದ ತುಂಬಿಕೊಳ್ಳಿ.
2. ಅಪಜಯದಿಂದಾಗಿ ತಕ್ಷಣವೇ ಉಂಟಾಗುವುದು ಹತಾಶೆ. ಅದು ಕೋಪ, ಅಸಹಾಯಕತೆ, ಅನಮಾನ, ನಿರ್ವೀಯತೆಯಾಗಿ ಪರಿವರ್ತನೆಗೊಳ್ಳುವ ಮೊದಲೆ ಅದನ್ನು "ಛಲ"ವನ್ನಾಗಿ ಬದಲಾಯಿಸಿಕೊಳ್ಳಿ.
3. ನಿಮ್ಮ ಸಾಧನೆ ತಲುಪಲು ನಿಮ್ಮಲ್ಲಿರುವ ಆಂತರಿಕ ಶಕ್ತಿಗಳ ಸಹಾಯ ಪಡೆಯಿರಿ.
4. ನಿಮ್ಮ ಸುತ್ತಲೂ ಇರುವ ವಿಷಾದ ಪಲಯದಿಂದ ಹೊರಗೆ ಬರುವ ಮೊದಲು ಹೆಚ್ಚಿಯನ್ನು ನೀವು ಹಾಕಿ ನಂತರ ನಿಮ್ಮನ್ನು ಎಷ್ಟು ಜನ ಎಷ್ಟೆಲ್ಲ ರೀತಿ ಪ್ರೇಮಿಸುತ್ತಾರೆನ್ನುವುದನ್ನು ನೋಡಿ. ನೀವೇ ವಿಷಾದದ ಮೂರ್ತಿಯಾಗಿ ಬಿಟ್ಟರೆ ನಿಮ್ಮ ಸುತ್ತಲೂ ಮನುಷ್ಯರ ರೂಪದಲ್ಲಿ ಮತ್ತಷ್ಟು ವಿಷಾದಗಳು ಸೇರುತ್ತವೆ.
5. ನಿಮ್ಮ ನೋವು ಸಂಕಷ್ಟಗಳನ್ನು ನೋಡಿ ನೀವು ನೋವನ್ನು ಭವಿಸಬೇಡಿ. ನಿಮ್ಮ ಮೇಲೆ ನೀವು ಮರುಕಪಡಬೇಡಿ. ಮರುಕಪಟ್ಟರು ಅದನ್ನು ತೋರಿಸಬೇಡಿ.
6. ಪ್ರೇಮ ಮಹತ್ತರವಾದುದೇ, ಆದರೆ ಅದಕ್ಕೋಸ್ಕರ ನೀವು ಸಾಯಬೇಕೆಂಬಷ್ಟು ಮಹತ್ತರವಾದುದಲ್ಲ. ಈ ಪ್ರಪಂಚದಲ್ಲಿ "ಪ್ರೇಮಕ್ಕೋಸ್ಕರ" ಬಹಳಷ್ಟು ಜನರು ಸಾಯುತ್ತಿದ್ದಾರೆ. ನೀವೂ ಅವರಲ್ಲೊಬ್ಬರಾಗಬೇಡಿ ಪ್ರೇಮವನ್ನು ಹಂಚಿ.
7. ನಿಮ್ಮನ್ನು ಯಾರೋ ಇಷ್ಟಪಡದಿದ್ದರೆ ಅದು ಅವರ ಸಮಸ್ಯೆ ನಿಮ್ಮದ್ದಲ್ಲ.
8. ಇತರರು ನಿಮ್ಮೊಂದಿಗೆ ದಿನಕ್ಕೆ ಒಂದು ಗಂಟೆಯೋ, ಎರಡು ಗಂಟೆಯೋ ಕಳೆಯಬಹುದು. ಆದರೆ ನೀವು ನಿಮ್ಮೊಂದಿಗೆ ದಿನದ ೨೪ ಗಂಟೆಗಳೂ ಕಳೆಯಬೇಕಿಲ್ಲ! ಆದ್ದರಿಂದ ನಿಮ್ಮ ಸಾಂಗತ್ಯ ನಿಮಗೆ "ಆಹ್ಲಾದಕರ" ಆಗಿರುವಂತೆ ನೋಡಿಕೊಳ್ಳಿ.
9. ಇತರರು ಸಲಹೆಗಳನ್ನು ಕೊಡಲಿ ಬಿಡಿ: ಆದರೆ ನಿರ್ಣಯಗಳನ್ನು ನೀವೇ ತೆಗೆದುಕೊಳ್ಳಿ.
10. ನೀವು "ಸರಿಯಾದುದು" ಎಂದುಕೊಂಡ ಕೆಲಸವನ್ನು ಮಾಡಿ ವಿಮರ್ಶಿಸುವವರು ಅನೇಕ ಜನ ಮೆಚ್ಚಿಕೊಳ್ಳುವವರು ಕೆಲವರು. ಆದರೆ ಮಾಡುವವರು ಕೆಲವೇ ಕೆಲವರು ಮಾತ್ರ. ಮಾಡುವವರಿಗಿಂತ ನೋಡುವವರು ಬಹಳ ಜನ.
11. ಇನ್ನೊಬ್ಬರ ವಿಷಾದಕ್ಕೆ ನೀವೂ ಪೋಷ್ಣ ಮಾನ್ ಆಗಬೇಡಿ.
12. ಸಿನಿಮಾ, ಸಿಗರೇಟ್, ಮದ್ಯ, ಪ್ರಣಯ, ಜೂಜು ಇವೆಲ್ಲ ನಿಮಗೆ ಆನಂದವನ್ನಿಯಬಹುದು ಹೊರತು ನಿಮ್ಮನ್ನು ಆಳಕೂಡದು.
13. ಹದಿಮೂರು ಅಶುಭ ಸಂಖ್ಯೆ ಎನ್ನುವುದಕ್ಕಿಂತ ಮೂಢ ಅಭಿಪ್ರಾಯಗಳನ್ನು ತೋರಿಯಿರಿ. ಬೆಕ್ಕು ಒಂದು ಪ್ರಾಣಿ. ಸೀನುವುದು ಸಹಜವಾದ ಶಾರೀರಿಕ ಕ್ರಿಯೆ.

ಸಂಗ್ರಹ
ಪ್ರೊ. ವಿಜಯ ಬಿ
ಸಹ ಪ್ರಾಧ್ಯಾಪಕರು
ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗ

ಸಸ್ಯಶಾಸ್ತ್ರೀಯಹೆಸರು : ಸೆಂಟಿಲಾ,ಏಶಿಯಾಟಿಕ (Centella asiatica)

ಸಸ್ಯಕುಟುಂಬ : ಏಷಿಯೇಸಿ

ವರ್ಯಾಯಹೆಸರುಗಳು : ಬ್ರಾಹ್ಮೀ, ಮೇಧ್ಯ, ಇಂದ್ರಿ, ಮಂಡೂಕಮಲ, ಮಂಡೂಪಕರ್ಣಿ, ಉರಗ, ಮಾತ್ತಿಲ್, ವಳ್ಳುರೆ, ಬೊಕ್ಕುಡು, ಬ್ರಹ್ಮಬುಟಿ.

ಸಸ್ಯವರಿಚಯ:



ಸ್ತರಣ ಶಕ್ತಿ ಹೆಚ್ಚಿಸುವ ಬ್ರೈನ್ ಟಾನಿಕ್ ಎಂದೇ ಕರೆಸಿಕೊಳ್ಳುವ ಒಂದೆಲಗವು ಔಷಧಿಯಾಗಿಯೂ ಆಹಾರವಾಗಿಯೂ ಉಪಯೋಗಕ್ಕೆ ಬರುವ ಒಂದು ಸಸ್ಯ. ಈ ಸಸ್ಯದ ಕುಟುಂಬದಲ್ಲಿ ಒಟ್ಟು ೪೦೦ ಜಾತಿಗೆ ಸೇರಿದ ೩,೦೦೦ ಪ್ರಭೇದಗಳಿವೆ. ಕರ್ನಾಟಕದಲ್ಲಿ ಒಟ್ಟು ೧೪ ಜಾತಿಗಳಿಗೆ ಸೇರಿದ ೨೩ ಪ್ರಭೇದಗಳಿವೆ. ಈ ಸಸ್ಯವು ನೀರು ಹೆಚ್ಚಿರುವ ಪ್ರದೇಶದಲ್ಲಿ ಹೇರಳವಾಗಿ ಬೆಳೆಯುತ್ತದೆ. ಈ ಸಸ್ಯದ ಕಾಂಡವು ನೆಲದ ಮೇಲೆ ಹರಡಿಕೊಂಡು ೩-೪ ಅಂಗುಲ ಎತ್ತರಕ್ಕೆ ಬೆಳೆಯುತ್ತದೆ. ಎಲೆಗಳು ಹಸಿರಿನಿಂದ ಕೂಡಿದ್ದು ದುಂಡಾಗಿರುತ್ತವೆ. ಏಷ್ಯಾ ಖಂಡವು ಇದರ ಮೂಲ ಸ್ಥಾನವಾಗಿದ್ದು, ಚೀನಾ ಮತ್ತು ಅಫ್ರಿಕಾಗಳಲ್ಲಿಯೂ ಕಂಡುಬರುತ್ತದೆ. ಒಂದೆಲಗ ಸಸ್ಯವು ಪಾರಂಪರಿಕ ಔಷಧಿಯಾಗಿ ಬಳಕೆಯಲ್ಲಿದ್ದು ಸುಶ್ರುತ ಸಂಹಿತೆಯಲ್ಲಿಯೂ ಇದರ ಉಲ್ಲೇಖವಿದೆ.

ರಾಸಾಯನಿಕ ಸಂಘಟನೆ: ಈ ಸಸ್ಯದಲ್ಲಿ ಟ್ರೈಟರ್ಪಿನಾಯ್ಡ್, ಸಪೋನಿನ್ಸ್, ಏಶಿಯಾಟಿಕಾಮ್, ಮಡೆಕ್ಯಾಸಿಕಾಮ್, ಏಶಿಯಾಟಿಕೋಸೈಡ್, ಸೆಂಟಿಲೋಸೈಡ್, ಬ್ರಾಹ್ಮೋಸೈಡ್, ಥಂಕುನಿಸೈಡ್, ಬ್ರಾಹ್ಮಿಕಾಮ್, ಮಡೆಏಶಿಯಾಟಿಕಾಮ್, ಮಾಂತಾದ ರಾಸಾಯನಿಕಗಳಿರುತ್ತವೆ.

ಉಪಯೋಗಿಸುವ ಭಾಗಗಳು: ಬೇರು, ಎಲೆ ಮತ್ತು ಕಾಂಡ.

ಔಷಧೀಯ ಗುಣಗಳು:

- ❖ **ಮಲರೋಗ ಚಿಕಿತ್ಸೆಗಾಗಿ:** ಒಂದೆಲಗ ಎಲೆಗಳಿಂದ ರಸವನ್ನು ಹಿಂಡಿ ಇದರ ಎರಡು ಚಮಚ ರಸವನ್ನು ಒಂದು ಚಮಚ ಜೇನುತುಪ್ಪು ಬೆರೆಸಿ ಪ್ರತಿದಿನ ಬೆಳಿಗ್ಗೆ ಒಂದು ತಿಂಗಳ ತನಕ ಸೇವಿಸಿದರೆ ಮಲರೋಗ ನಿವಾರಣೆಯಾಗುತ್ತದೆ.
- ❖ **ಸ್ತರಣ ಶಕ್ತಿ ವೃದ್ಧಿಗಾಗಿ/ ಬುದ್ಧಿ ಭ್ರಮಣೆ ನಿವಾರಣೆಗಾಗಿ:** ಮೊದಲು ಒಂದೆಲಗದ ಸೊಪ್ಪನ್ನು ಚೆನ್ನಾಗಿ ತೊಳೆದು ಸ್ವಚ್ಛಗೊಳಿಸಿ, ನಂತರ ಸೊಪ್ಪನ್ನು ಜಜ್ಜಿ ತೆಗೆದ ರಸಕ್ಕೆ ಅರ್ಧ ಲೋಟದಷ್ಟು ಕಾಯಿಸಿ ಆರಿಸಿದ ಹಾಲನ್ನು ಮತ್ತು ಒಂದು ಚಮಚ ಜೇನುತುಪ್ಪುವನ್ನು ಮಿಶ್ರಣಮಾಡಿ ಬೆಳಿಗ್ಗೆ ಮತ್ತು ರಾತ್ರಿ ಊಟಕ್ಕೆ ಮೊದಲು, ಒಂದೂವರೆ ತಿಂಗಳ ತನಕ ತಪ್ಪದೆ ಸೇವಿಸುವುದರಿಂದ ಸ್ತರಣ ಶಕ್ತಿ ವೃದ್ಧಿಯಾಗುತ್ತದೆ ಮತ್ತು ಬುದ್ಧಿ ಭ್ರಮಣೆ ನಿವಾರಣೆಯಾಗುತ್ತದೆ.
- ❖ **ನಿದ್ರಾಹೀನತೆ ಚಿಕಿತ್ಸೆಗಾಗಿ:** ಒಂದೆಲಗದ ಎಲೆಗಳನ್ನು ಒಣಗಿಸಿ ಪುಡಿಮಾಡಿ ಅದರೊಂದಿಗೆ ಹುರಿದ ಗಸಗಸಿಯನ್ನು ಬೆರೆಸಬೇಕು, ಬಳಿಕ ಕಲ್ಲಾಸಕ್ಕರೆಯನ್ನು ಬೆರೆಸಿ ಚೆನ್ನಾಗಿ ಕಲಸಿ ನಂತರ ಜೇನುತುಪ್ಪದೊಂದಿಗೆ ಮಿಶ್ರಣ ಮಾಡಿ ಗಟ್ಟಿಯಾದ ಬಳಿಕ ಅಂದಾಜು ಗಾತ್ರದ ಗುಳಿಗೆಗಳನ್ನು ತಯಾರಿಸಬೇಕು. ಪ್ರತಿದಿನ ಮಲಗುವ ಮುನ್ನ ಒಂದು ಗುಳಿಗೆಯನ್ನು ನುಂಗಿ ಹಾಲು ಕುಡಿದು ಮಲಗಿದರೆ ನಿದ್ರಾ ಹೀನತೆ ದೂರವಾಗುವುದು.

- ❖ **ಜ್ವರ ನಿವಾರಣೆಗಾಗಿ:** ಒಂದೆಲಗ ಮತ್ತು ತುಳಸಿಯ ಎಲೆಗಳನ್ನು ಸಮಪ್ರಮಾಣದಲ್ಲಿ ತೆಗೆದುಕೊಂಡು, ಸ್ವಲ್ಪ ಕಾಳುಮೆಣಸು ಸೇರಿಸಿ ಅರೆದು ಚಿಕ್ಕ ಗಾತ್ರದ ಗೋಲಿಗಳಾಗಿ ಮಾಡಿ ನೆರಳಿನಲ್ಲಿ ಒಣಗಿಸಿಡಬೇಕು. ಯಾವುದೇ ಬಗೆಯ ಜ್ವರ ಇದ್ದಾಗ ಇಂತಹ ೨ ಗುಳಿಗೆಗಳನ್ನು ಬಿಸಿ ನೀರಿನ ಜೊತೆ ದಿನದಲ್ಲಿ ೩ ಸಲ ಸೇವಿಸುವುದರಿಂದ ಜ್ವರ ಮಾಯವಾಗುವುದು.
- ❖ **ಮೂತ್ರ ಸಮಸ್ಯೆ ನಿವಾರಣೆಗಾಗಿ:** ಒಂದೆಲಗ ಮತ್ತು ನೆಲನೆಲ್ಲಿ ಸೊಪ್ಪನ್ನು ಚೆನ್ನಾಗಿ ಅರೆದು ಮಿಶ್ರಣ ಮಾಡಿ, ಈ ಮಿಶ್ರಣವನ್ನು ಮಜ್ಜಿಗೆಯೊಂದಿಗೆ ಸೇರಿಸಿ ಕುಡಿಯುವುದರಿಂದ ಮೂತ್ರ ವಿಸರ್ಜನೆ ಸಮಯದಲ್ಲಿ ಆಗುವ ಉರಿಯನ್ನು ತಡೆಗಟ್ಟಬಹುದು.
- ❖ **ಹೃದಯ ಸಂಬಂಧಿತ ಸಮಸ್ಯೆಗಳ ಚಿಕಿತ್ಸೆಗಾಗಿ:** ೧೦ ಒಂದೆಲಗ ಎಲೆಗಳನ್ನು ಮತ್ತು ೫ ಕಾಳುಮೆಣಸುಗಳನ್ನು ಅರೆದು ಒಂದು ಲೋಟದಷ್ಟು ಮಜ್ಜಿಗೆಯಲ್ಲಿ ಸೇರಿಸಿ ಬೆಳಗಿನ ಹೊತ್ತು ಖಾಲಿ ಹೊಟ್ಟೆಯಲ್ಲಿ ಸೇವಿಸಿದರೆ ಹೃದಯ ಸಂಬಂಧಿತ ಸಮಸ್ಯೆಗಳು ನಿವಾರಣೆಯಾಗುತ್ತವೆ.
- ❖ **ಹಲ್ಲು ನೋವಿನ ನಿವಾರಣೆಗಾಗಿ:** ಒಂದೆಲಗ ಸೊಪ್ಪನ್ನು ಅರೆದು ಪೇಷ್ಚಿನಂತೆ ಮಾಡಿ ಅದನ್ನು ಹಲ್ಲು ನೋವು ಇರುವ ಜಾಗಕ್ಕೆ ಕೆಲ ನಿಮಿಷಗಳ ಕಾಲ ಇಟ್ಟರೆ ಹಲ್ಲು ನೋವು ನಿವಾರಣೆಯಾಗುತ್ತದೆ.
- ❖ **ತಲೆ ನೋವು ಚಿಕಿತ್ಸೆಗಾಗಿ:** ಒಂದೆಲಗ ಸೊಪ್ಪನ್ನು ಅರೆದ ರಸವನ್ನು ಹಣೆಗೆ ಲೇಪಿಸಿಕೊಳ್ಳುವುದರಿಂದ ತಲೆನೋವು ನಿವಾರಣೆಯಾಗುತ್ತದೆ.
- ❖ **ಕಣ್ಣಿನ ಸಮಸ್ಯೆಗಳ ನಿವಾರಣೆಗಾಗಿ:** ಒಂದೆಲಗದಿಂದ ತೆಗೆದ ರಸವನ್ನು ಹರಳೆಣ್ಣೆಯೊಂದಿಗೆ ಸೇರಿಸಿ, ಕುದಿಸಿ ಮಾಡಿದ ತೈಲವನ್ನು ಆರಿಸಿ, ಶೋಧಿಸಿ ತಲೆಗೆ ಹಚ್ಚಿಕೊಳ್ಳುತ್ತಿದ್ದರೆ ಕಣ್ಣಿನ ಸಮಸ್ಯೆಗಳು ದೂರವಾಗಿ ದೃಷ್ಟಿ ಶಕ್ತಿ ಹೆಚ್ಚಾಗುತ್ತದೆ.

ಆಧಾರ ಗ್ರಂಥಗಳು:

- ೧] ಆಯುರ್ವೇದದ ಆದ್ಯತ ಗುಣಗಳು ಹಾಗೂ ಸರಳ ಚಿಕಿತ್ಸೆಗಳು
ಡಾ|| ವೈ.ಎಂ. ಪರಮೇಶ್ವರಯ್ಯ
- ೨] ಸಸ್ಯ ಸಂಪದ ೨೨ ಒಂದೆಲಗ
ಮುನಿಯಾಲ್ ಗಣೇಶ್ ಶೆಣೈ

ವೈ. ರವೀಂದ್ರ ಆರ್.ಎಸ್.
ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು
ರಸಾಯನ ಶಾಸ್ತ್ರ ವಿಭಾಗ

ಆತಭಾರತೀಯ, ನಮ್ಮೆಲ್ಲರನೇತಾರ

ಅದೊಂದು ಕಾಲವಿತ್ತು, ಆಗ ಭಾರತ ದೇಶವು ಆಗರ್ಭ ಶ್ರೀಮಂತಿಕೆಯಿಂದ ತುಂಬಿ ತುಳುಕುತಿತ್ತು. ಸಂಸ್ಕೃತಿ ಹಾಗೂ ಸಾಹಿತ್ಯಗಳಿಗೆ ಹೆಸರು ಮಾಡಿರುವ ರಾಷ್ಟ್ರವಾಗಿತ್ತು. ಯುರೋಪಿಯನ್ನರು ಕಾಡಿನಲ್ಲಿ ಅಲಿದಾಡುವಾಗ ನಮ್ಮ ದೇಶದಲ್ಲಿ ಜ್ಞಾನ ಭಂಡಾರಗಳು ಎದ್ದು ನಿಂತಿದ್ದವು. ಆದರೆ ನಮ್ಮ ಸಂಪತ್ತನ್ನು ಸಂಚುಹೂಡಿ ಪೋರ್ಚುಗೀಸರು, ಡಚ್ಚರು, ಫ್ರೆಂಚರು, ಆಂಗ್ಲರು ವ್ಯಾಪಾರದ ನೆಪದಲ್ಲಿ ಬರತೊಡಗಿದರು. ವೈರಿಯಾದರು ಮನೆಗೆ ಬಂದರೆ ಸ್ವಾಗತಿಸು ಎಂಬುದು ಭಾರತೀಯ ಸಂಸ್ಕೃತಿ. ನಮ್ಮ ದೇಶದ ರಾಜಮಹಾರಾಜರು ಬಂದ ವಿದೇಶಿಯರಿಗೆ ವ್ಯಾಪಾರಕ್ಕೆ ಅವಕಾಶ ನೀಡಿದರು. 'ಉಂಡ ಮನೆಯನ್ನೆ ಸುಲಿಗೆ ಮಾಡುವಂತೆ' ನಮ್ಮಲ್ಲಿ ವ್ಯಾಪಾರಕ್ಕೆ ಬಂದ ವಿದೇಶಿಯರು ನಮ್ಮನ್ನು ಗುಲಾಮರನ್ನಾಗಿಸಿದರು. ಇದನ್ನು ಅರಿತರೂ ನಮ್ಮವರೇ ವೈಯಾಕ್ತಿಕ ಸ್ವಾರ್ಥದಿಂದ ಒಳಗಿನಿಂದ ಒಳಗೆ ಅವರಿಗೆ ಸಹಾಯ ಮಾಡಿ ಕುತಂತ್ರ ರೂಪಿಸಿದರು. ಇದರಿಂದ ನಾವು ಅದೆಷ್ಟೋ ಸಮರ್ಥ ನಾಯಕರನ್ನೂ, ಸಂಪತ್ತನ್ನೂ ಕಳೆದುಕೊಂಡೆವು. ಚರಿತ್ರೆಯ ಪುಟ ತಿರುಗುವಂತೆ ಅದೆಷ್ಟೋ ದೇಶಭಕ್ತರು ತ್ಯಾಗಬಲಿದಾನಗಳ ಫಲವಾಗಿ ನಾವು ಇಂದು ಸ್ವತಂತ್ರವಾಗಿ ಜೀವಿಸುತ್ತಿದ್ದೇವೆ. ಅಂತಹ ಮಹಾನ್ ಚೇತನಗಳನ್ನು ನಾವು ನೆನೆಯಲೇಬೇಕು.

ಒಬ್ಬ ಮಹಾನ್ ಹೋರಾಟಗಾರನಿದ್ದ, ಆತನು ಬಾಲ್ಯದಲ್ಲಿ ಆಂಗ್ಲರ ವಿರುದ್ಧ ಸ್ವಾತಂತ್ರ್ಯ ಸಂಗ್ರಾಮದಲ್ಲಿ ಭಾಗವಹಿಸಿದ, ಇದಕ್ಕಾಗಿ ಪೋಲೀಸರು ಆತನನ್ನು ಬಂಧಿಸಿ ನ್ಯಾಯಾಲಯಕ್ಕೆ ಒಪ್ಪಿಸುತ್ತಾರೆ. ಅಲ್ಲಿ ಆಂಗ್ಲ ನ್ಯಾಯಾದೀಶನು ತನ್ನ ದರ್ಪದಿಂದ ಹೆಸರೇನು ಎಂದು ಕೇಳಿದಾಗ ಆತನು ತಕ್ಷಣ 'ಆಜಾದ್' ಎಂದು ಹೇಳಿ ಎಲ್ಲರಿಗೂ ಆಶ್ಚರ್ಯವನ್ನುಂಟು ಮಾಡುತ್ತಾನೆ ಆ ಬಾಲಕ. ಅವನನ್ನು ಬಂಧಿವಾಸೆಗೆ ಕಳುಹಿಸುತ್ತಾರೆ, ಅಲ್ಲಿಂದ ಬಿಡುಗಡೆ ಹೊಂದಿದ ಮೇಲೂ ಆತನು ತನ್ನ ಹೆಸರನ್ನು 'ಆಜಾದ್' ಎಂದು ಸೇರಿಸಿಕೊಳ್ಳುತ್ತಾನೆ. ಆತನೇ "ಚಂದ್ರಶೇಖರ್ ಆಜಾದ್".

ಆಜಾದ್‌ರು ನಂತರದ ದಿನಗಳಲ್ಲಿ ಬ್ರಿಟಿಷರ ಪ್ರತಿಯೊಂದು ತಂತ್ರಗಳನ್ನೂ ವಿಫಲಗೊಳಿಸುತ್ತಾನೆ. ನಂತರ ಹಿಂದೂಸ್ತಾನ್ ಮೋಷಿಯಲ್ ರಿಪಬ್ಲಿಕ್‌ನ್ ಪಾರ್ಟಿ ಸೇರಿ ಅದರ ಅಧ್ಯಕ್ಷೀಯ ಚುನಾವಣೆಯಲ್ಲಿ ಗೆದ್ದು ಅಧ್ಯಕ್ಷಿಯಾಗುತ್ತಾರೆ. ಆದರೆ ಒಂದು ದಿನ ಪತ್ರಿಕೆಯೊಂದಿಗಿನ ರಹಸ್ಯ ಮಾತುಕತೆಗಾಗಿ ತನ್ನ ಅನುಚರರೊಂದಿಗೆ ಅಲಹಾಬಾದಿನ ಪಾರ್ಟಿಗೆ ತೆರಳುವಾಗ ದುಷ್ಕರ್ಮಿಗಳು ಕುತಂತ್ರದಿಂದ ಆ ಪಾರ್ಟಿಯನ್ನು ಬ್ರಿಟಿಷ್ ಸೈನಿಕರು ಸುತ್ತವರಿದಿರುವುದನ್ನು ಗಮನಿಸಿ ಆಜಾದ್‌ರು ತನ್ನ ರಹಸ್ಯ ಪತ್ರವನ್ನು ಅನುಚರರೊಡನೆ ತಲುಪಿಸಬೇಕಾದಲ್ಲಿಗೆ ತಲುಪಿಸುತ್ತಾರೆ. ನಂತರ ಸುಮಾರು ಅರ್ಧಗಂಟಿಗೂ ಮೀರಿ ವೈರಿಗಳೊಂದಿಗೆ ಗುಂಡಿನ ಕಾಳಗ ನಡೆಸುತ್ತಾರೆ. ಆ ಸಮಯದಲ್ಲೂ ಆತ ತನ್ನಲ್ಲಿರುವ ಗುಂಡುಗಳ ಸಂಖ್ಯೆ ಮರೆಯದೆ ಕೊನೆಯದನ್ನು ತಾನೇ ಹೊಡೆದುಕೊಳ್ಳುತ್ತಾ, "ನಾನು ಸ್ವತಂತ್ರವಾಗಿದ್ದೇನೆ ಮತ್ತು ಸ್ವತಂತ್ರವಾಗಿ ಸಾಯುತ್ತಿದ್ದೇನೆ" ಎಂದು ಹೇಳಿ ವೀರಮರಣವನ್ನಪ್ಪುತ್ತಾನೆ.

ಇಂತಹವರು ಎಷ್ಟು ಮಂದಿ ಜನರಿದ್ದಾರೆ ಈಗ? ನಮ್ಮ ದೇಶಕ್ಕಾಗಿ ಪ್ರಾಣ ತೆತ್ತ ನಾಯಕರ ಆತ್ಮಕ್ಕೆ ಮತ್ತು ದೇಶ ಕಾಯಾತ್ತಿರುವ ಸೈನಿಕರಿಗೆ ಒಂದು ಹೃತ್ಪೂರ್ವಕ ನಮನಗಳನ್ನು ಸಲ್ಲಿಸೋಣ. ನಾವು ನೀವು ಪ್ರತಿಯೊಬರು ಕೈಚೂಡಿಸೋಣ ಬನ್ನಿ ಮುಂದಿನ ಪೀಳಿಗೆಗಾಗಿ ಬಲಿಷ್ಠ ರಾಷ್ಟ್ರವನ್ನು ನಿರ್ಮಿಸೋಣ.....

ವಂದೇ ಮಾತರಂ

ಕುತಲಂ ಎ.

೨ನೇಸೆಮಿಸ್ಟರ್

ಇ.ಸಿ.ಇ. ಎ- ವಿಭಾಗ

ಪ್ರಕೃತಿಯಪ್ರಗತಿದಾಸವಳ

ದಾಸವಳ ಮೂಲತಃ ಚೀನಾ ದೇಶದ್ದು. ಇಡಿ ವರ್ಷ ಹೂ ಬಿಡುವಂತಹ ಗಿಡವಾಗಿದ್ದು ಅಲಂಕಾರಿಕ ಗಿಡವಾಗಿ ಬೆಳೆಯಲಾಗುತ್ತಿದೆ. ಚೀನಾ ಮತ್ತು ಫಿಲಿಪೈನ್ಸ್‌ಗಳಲ್ಲಿ ತಾಜಾ ಹೂವುಗಳನ್ನು ಆಹಾರದಲ್ಲಿ ಬಳಸಲಾಗುತ್ತದೆ. ದಾಸವಳದ ಹೂವುಗಳಿಂದ ಉಪ್ಪಿನಕಾಯಿಯನ್ನು ತಯಾರಿಸಲಾಗುತ್ತದೆ.

ದೇವಿ ಭಾಗವತದ ಒಂದು ಕತೆಯ ಪ್ರಕಾರ "ಜಸುನ್" ದೇವಿಯ ಭಕ್ತ, ಒಮ್ಮೆ ದೇವರೆಲ್ಲರೂ ಸೇರಿ ದುಷ್ಟರ ನಾಶಕ್ಕಾಗಿ ಕಾಳಿರೂಪವನ್ನು ತಾಳಲು ಕೋರಿದರು. ಆಗ ಜಸುನ್ ಕಿಂಪು ಬಣ್ಣದ ಹೂವನ್ನು ಕಾಳಿಯ ಕಣ್ಣಿಗೆ ಅವಳ ಕೋಪವನ್ನು ತೋರಲು ಸಹಕರಿಸಿದನು. ಇದರಿಂದ ಪುಸ್ತನುಳಾದ ಕಾಳಿದೇವಿಯು ಜಸುನ್‌ನನ್ನು "ನೀನು ನನ್ನ ಹೂವಾಗು" ಎಂದು ವರ ಕೊಟ್ಟಳು. ಅಲ್ಲದೆ 'ಇಂದಿನಿಂದ ನೀನು ಕಾಧನ್, ದೇವಿ ಪೂಲ್, ಜಬಕುಸುಮ ಎಂದು ಕರೆಯಲ್ಪಡುವೆ. ಅಂದಿನಿಂದ ದಾಸವಳ ಹೂವನ್ನು ಭಕ್ತಾದಿಗಳು ಕಾಳಿದೇವಿಗೆ ಅರ್ಪಿಸುತ್ತಾರೆ. ದಾಸವಳದ ಎಲೆ, ಹೂವು, ಬೀಜಗಳು ಉಪಯುಕ್ತ ಗುಣ ಹೊಂದಿದೆ. ದಾಸವಳದ ಹೂಗಳು ತೇವಾಂಶ, ನೈಟ್ರೋಜನ್, ಕೊಬ್ಬು, ನಾರಿನಾಂಶ, ಕ್ಯಾಲ್ಸಿಯಂ, ಕಬ್ಬಿಣಾಂಶ, ಥೈಯಮಿನ್, ರೈಬೋಫ್ಲೇವಿನ್ ಮತ್ತು ಆಸ್ಕಾರ್ಬಿಕ್ ಆಮ್ಲಗಳು ಇರುತ್ತವೆ, ಔಷಧ ತಯಾರಿಕೆಯಲ್ಲಿ ಬಳಿ ದಾಸವಳವು ಶ್ರೇಷ್ಠ.

ಔಷಧೀಯ ಗುಣಗಳು:

- * ಇತ್ತೇಚೆಗೆ ಹೆಚ್ಚು ಜನರು ಮೂತ್ರನಾಳದ ಕಲ್ಲುಗಳಿಂದ ಬಳಲುತ್ತಿದ್ದಾರೆ. ಇದಕ್ಕೆ ಬಳಿ ದಾಸವಳದ ಬೇರು ಮತ್ತು ಹೂವನ್ನು ಮಜ್ಜೆಗೆಯಲಿ, ಅರೆದು ಅದಕ್ಕೆ ಮತ್ತಷ್ಟು ಮಜ್ಜೆಗೆ ಸೇರಿಸಿ ಕುಡಿಯಬೇಕು.
- * ಬಾಯಾರಿಕೆ, ದಣಿವಾದಾಗ ದಾಸವಳದ ಹೂವಿನ ರಸ ಅಥವಾ ಹೂವಿನಿಂದ ತಯಾರಿಸಿದ ಗುಲ್ಕಂದವನ್ನು ತಿನ್ನುವುದು ಒಳಿತು.
- * ಸುಟ್ಟಗಾಯ:- ಬಳಿದಾಸವಳದ ಹೂ ಮತ್ತು ಗರಿಕೆ ಹುಲ್ಲಿನ ರಸವನ್ನು ಕೊಬ್ಬರಿ ಎಣ್ಣೆ ಇಲ್ಲವೇ ಎಳ್ಳೆಣ್ಣೆಯಲ್ಲಿ ಬೆರೆಸಿ, ಕುದಿಸಿ, ಅರಿಸಿಕೊಂಡು ಸಟ್ಟಗಾಯಗಳಿಗೆ ಲೇಪಿಸುವುದರಿಂದ ಗಾಯ ಬೇಗನೆ ವಾಸಿಯಾಗುತ್ತದೆ.
- * ಆಮಭೇದಿ:- ಆಮದಿಂದ ಕೂಡಿದ ಮಲ ವಿಸರ್ಜನೆಯಾಗುತ್ತಿದ್ದರೆ ದಾಸವಳದ ಹೂವನ್ನು ಮಜ್ಜೆಗೆಯಲಿ, ಅರೆದು ಉಪ್ಪು ಬೆರೆಸಿ ಕುಡಿಯಬೇಕು.
- * ಮಧುಮೇಹ:- ಮಧುಮೇಹದಿಂದ ಬಳಲುತ್ತಿರುವವರು ದಾಸವಳದ ಬೇರನ್ನು ನೀರಿನಲ್ಲಿ ಅರೆದು ದಿನಕ್ಕಿರಡು ಬಾರಿ ಖಾಲಿ ಹೊಟ್ಟೆಯಲ್ಲಿ ಲ ಚಮಚದಷ್ಟು ಸೇವಿಸಬೇಕು.
- * ಚರ್ಮರೋಗ ಮತ್ತು ಮೊಡವೆ ಸಮಸ್ಯೆಗಳಿಂದ ಬಳಲುವವರು ಈ ಹೂವಿನ ರಸ ಸೇವನೆ ಮಾಡಬೇಕು.
- * ಕೂದಲುದಾರುವಿಕೆ:- ಒಂದು ಭಾಗ ಬಳಿದಾಸವಳ ಹೂವಿನ ರಸವನ್ನು, ಒಂದು ಭಾಗ ಎಳ್ಳೆಣ್ಣೆ ಇಲ್ಲವೇ ಕೊಬ್ಬರಿ ಎಣ್ಣೆಯಲ್ಲಿ ಬೆರೆಸಿ, ಕಾಯಿಸಿ, ತೈಲ ತಯಾರಿಸಿಕೊಂಡು ಪ್ರತಿದಿನ ಕೂದಲಿಗೆ ಹಚ್ಚಿಕೊಳ್ಳಬೇಕು. ಇದರಿಂದ ಕೂದಲು ಉದುರುವುದು ನಿಲ್ಲುವುದಲ್ಲದೆ ಕೂದಲು ಆರೋಗ್ಯಕರವಾಗಿಯೂ, ಕಾಂತಿಯುಕ್ತವಾಗಿಯೂ ಇರುತ್ತದೆ. ಅಥವಾ ವಾರಕ್ಕೊಮ್ಮೆ ದಾಸವಳದ ಹೂ ಜಜ್ಜಿ ಆ ರಸವನ್ನು ಕೂದಲಿನ ಬುಡಕ್ಕೆ ಹಚ್ಚಿ ಅರ್ಧ ಗಂಟೆ ಬಿಟ್ಟು ಸ್ನಾನ ಮಾಡಬೇಕು, ಇದರಿಂದ ಕೂದಲು ಸೊಂಪಾಗಿ ಬೆಳೆಯುತ್ತದೆ. ಬಳಿ ದಾಸವಳವು ಸಿಗದಿದ್ದ ಪಕ್ಷದಲ್ಲಿ ಕಿಂಪು ದಾಸವಳವನ್ನು ಬಳಸಹುದು. ಈಗ ನಮ್ಮ ಪ್ರಕೃತಿಯ ಅನೇಕ ಔಷಧೀಯ ಗುಣಗಳು ಗಿಡಗಳು, ಸಸ್ಯಗಳು ಇವೆ. ನಮ್ಮಸುತ್ತಮುತ್ತಲಿನ ಔಷಧೀಯ ಗಿಡಗಳನ್ನು ನಾವು ಗುರುತಿಸದಿಲ್ಲದಿರಬಹುದು. ಆದರೆ ಅದರ ಉಪಯೋಗ ಅಧಿಕ. ಇಂತಹದರಲ್ಲಿ 'ದಾಸವಳವೂ' ಒಂದು ಸಹ.

ಕವಿತೆ. ವಿ

೨ನೇಸೆಮಿಸ್ಟರ್,

ಐ. ಎಸ್.ಇ- ವಿಭಾಗ



Paintings



Sahana D.N. 8th Sem CSE



Sahana D.N. 8th Sem CSE



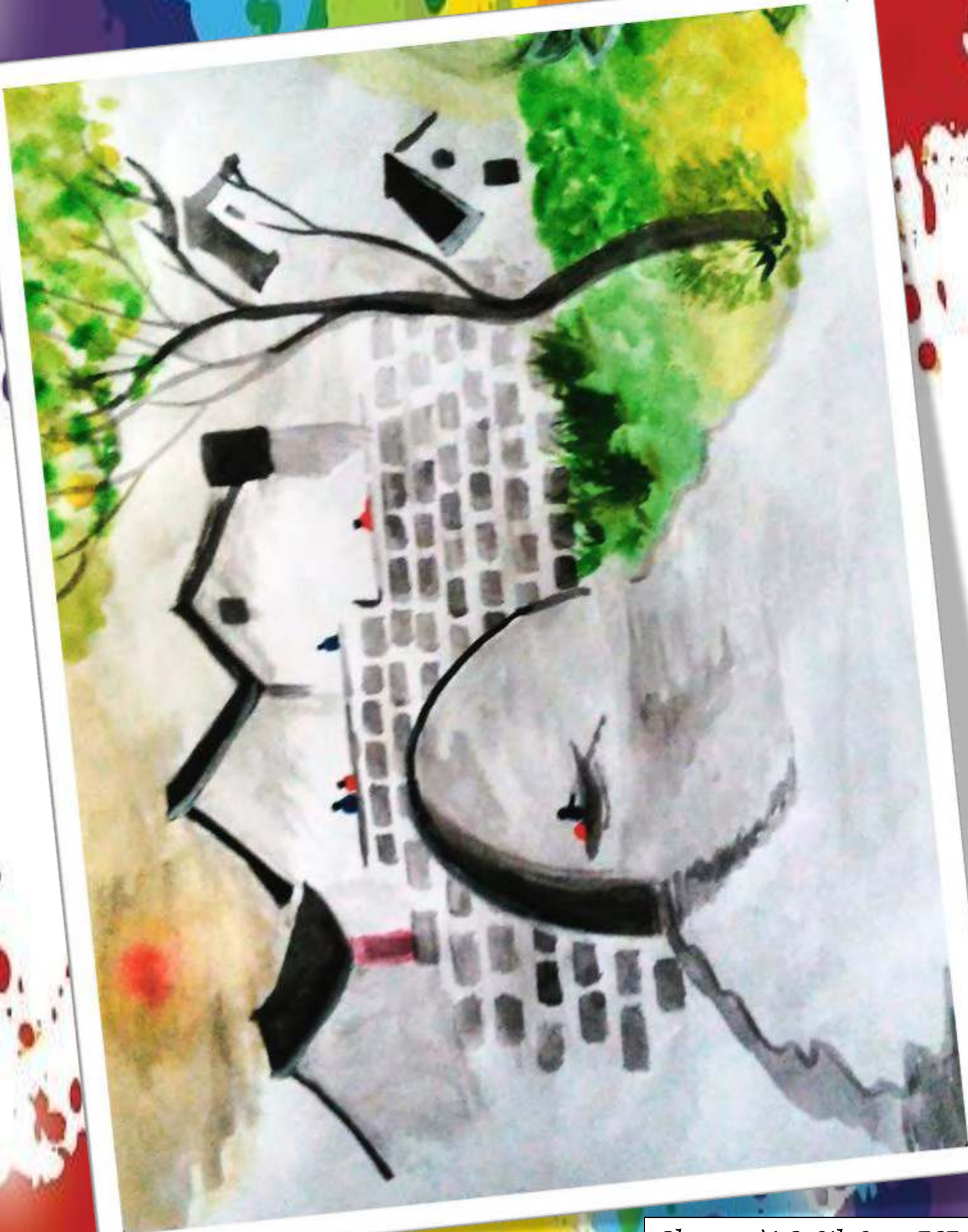
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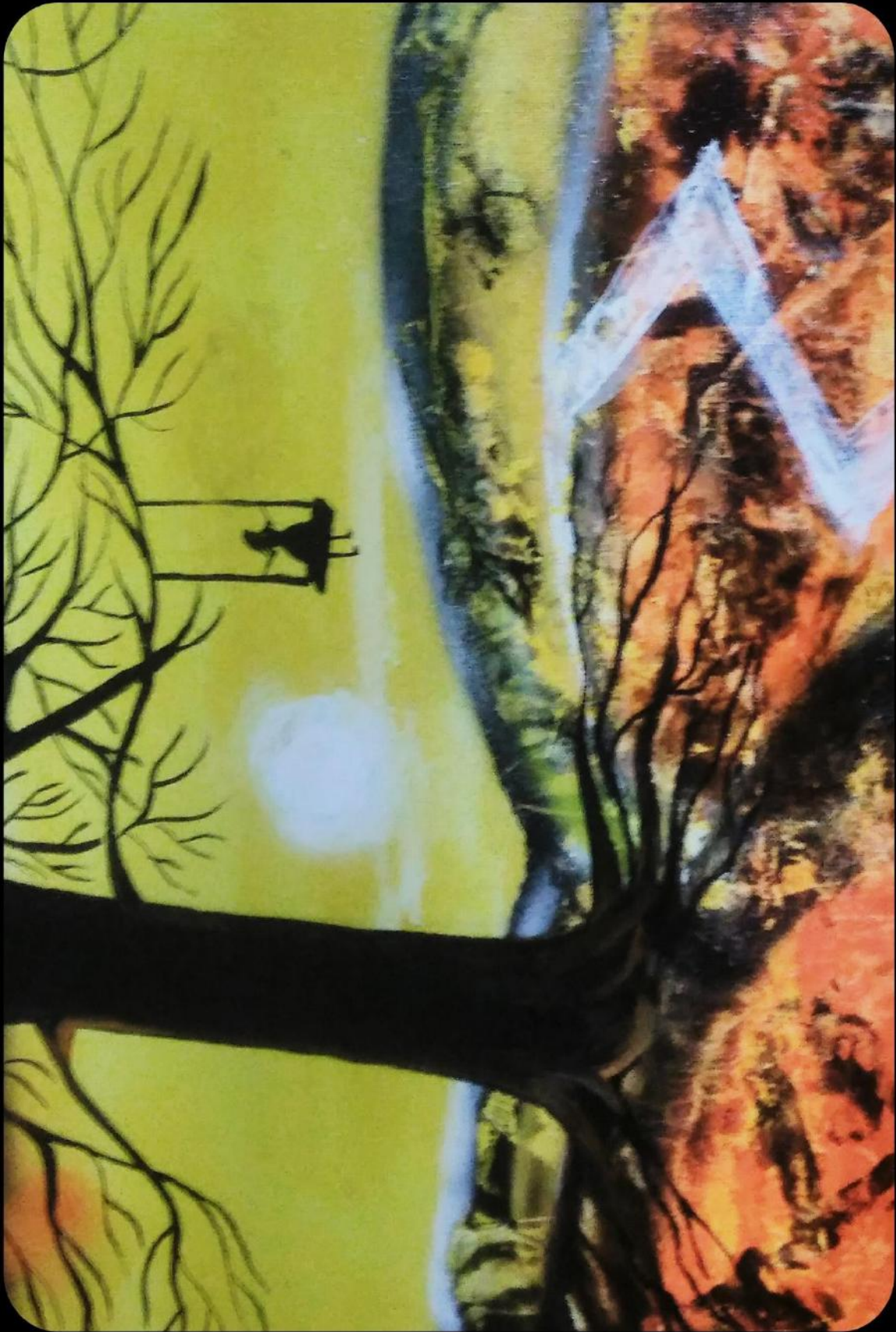


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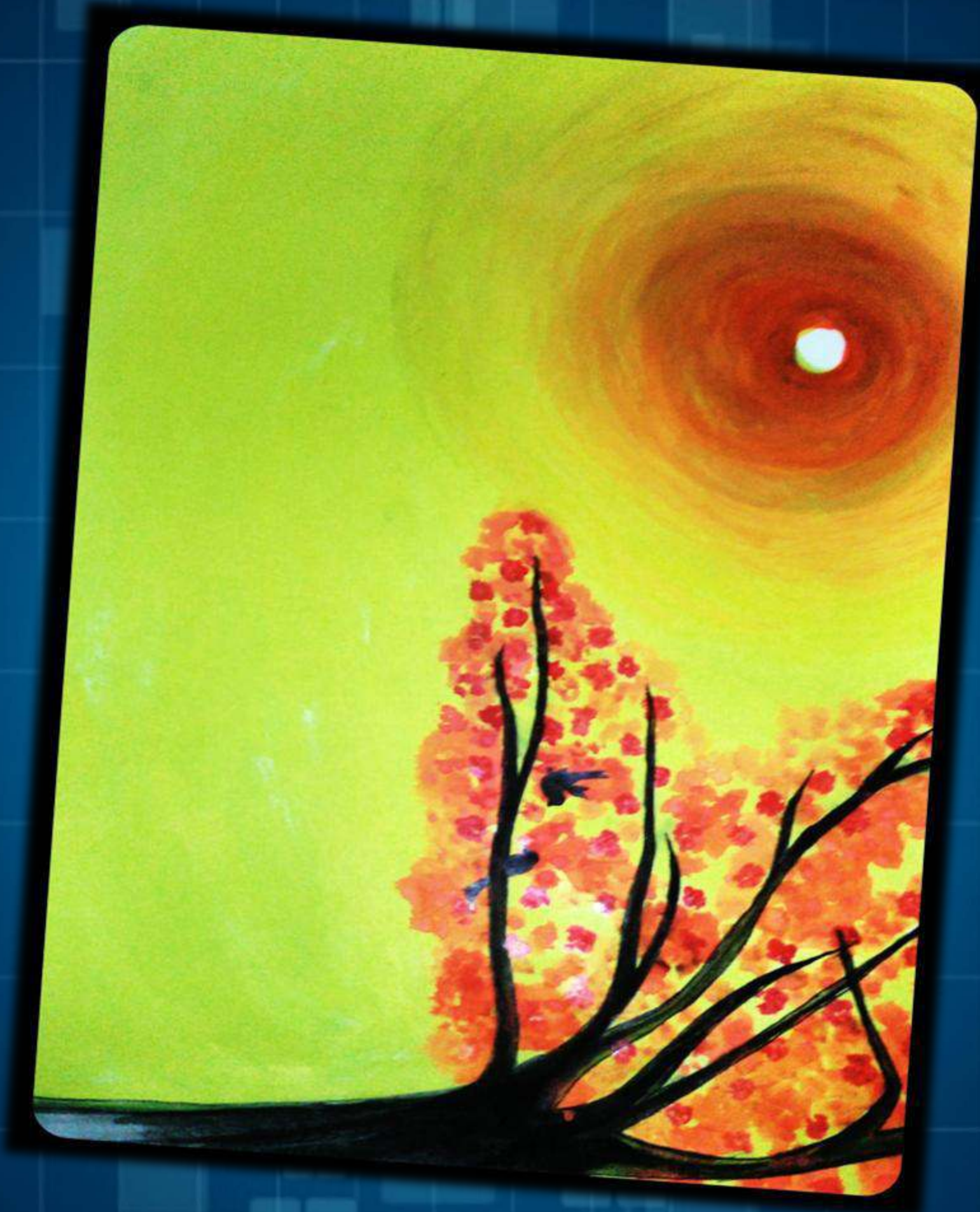


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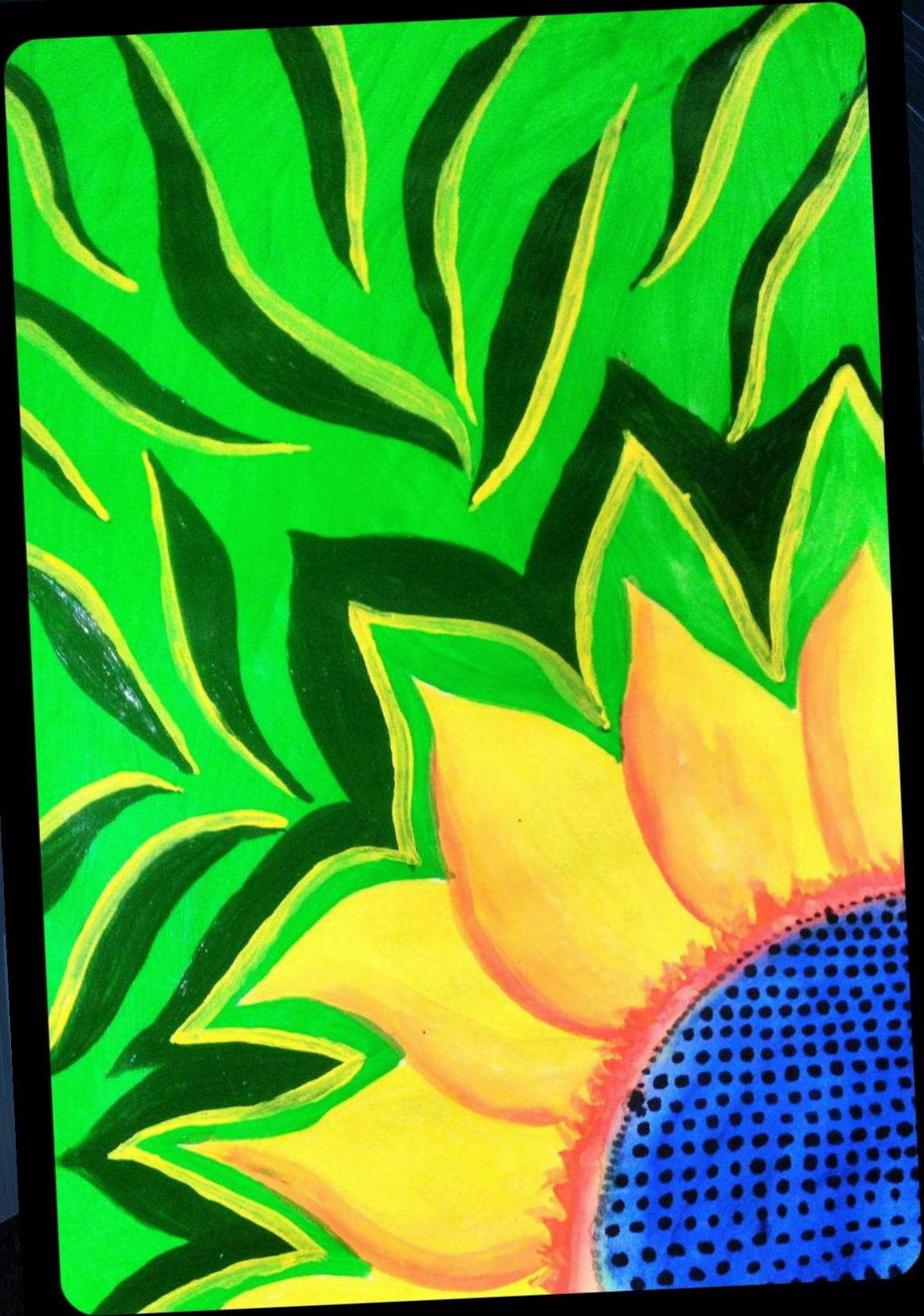
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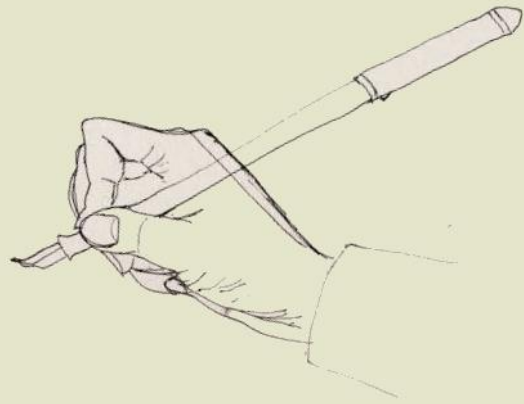


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Sketches



ff



RADHA
KRISNA



Art by,

Deepthi.S

II Sem
ECE-A

Deepthi. S, II SEM ECE-A



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Sumanth Acharya, VI SEM ECE-B



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EEE IInd Sem.



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EEE II nd Sem.



Anusha.K.
8th sem ECE.





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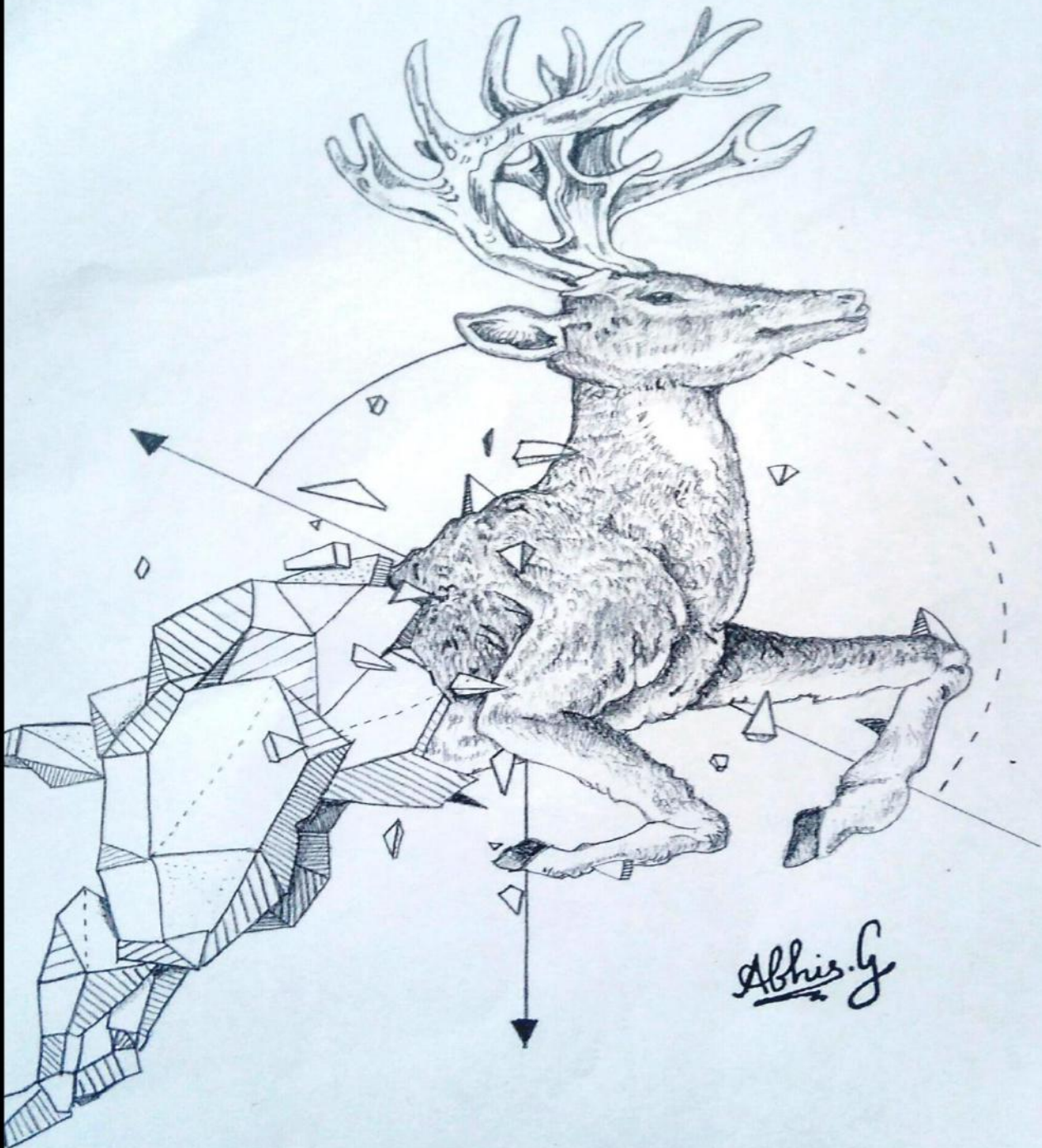
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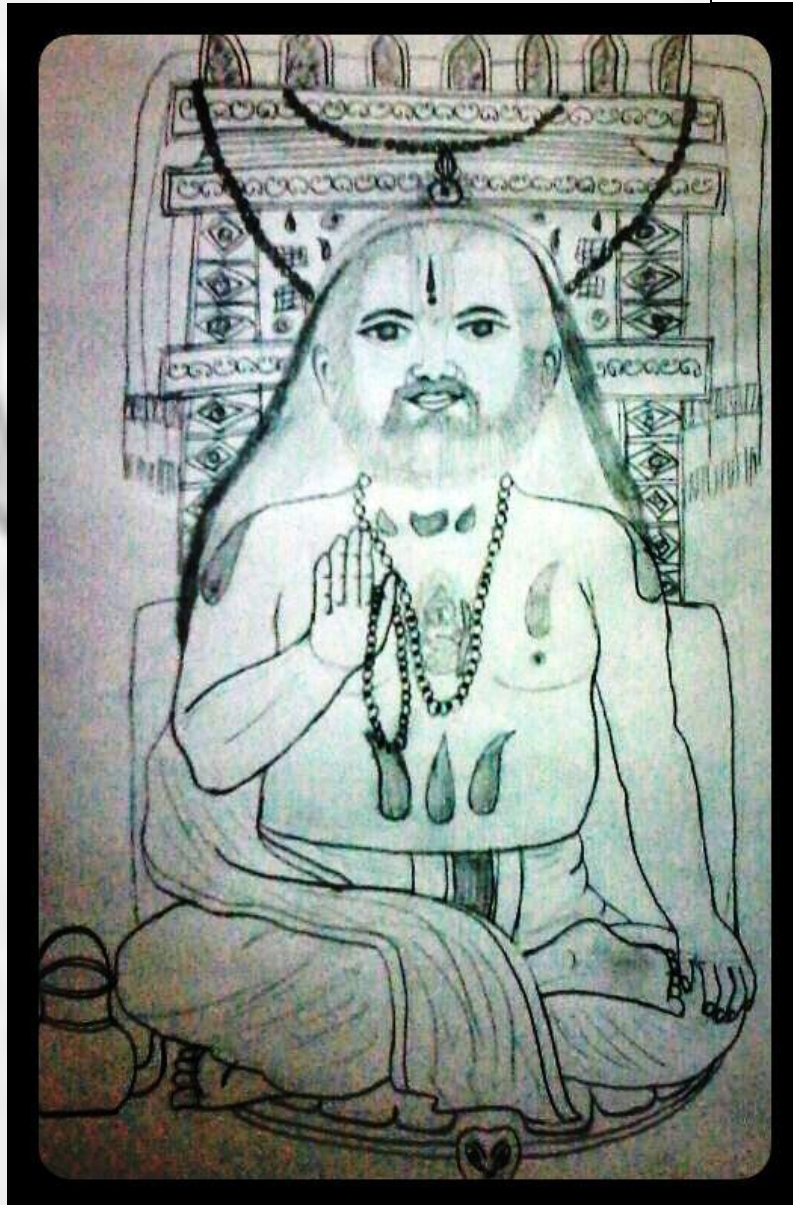
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