



RAMAIAH
Institute of Technology

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SUDARSHANA 2017

Annual College Magazine



RAMAIAH INSTITUTE OF TECHNOLOGY

(Autonomous Institute, Affiliated to VTU)

RAMAIAH INSTITUTE OF TECHNOLOGY

VISION OF THE INSTITUTE

To evolve into an autonomous institution of international standing for imparting quality technical education.

MISSION OF THE INSTITUTE

MSRIT shall deliver global quality technical education by nurturing a conducive learning environment for a better tomorrow through continuous improvement and customization.

QUALITY POLICY

We at M.S. Ramaiah Institute of Technology, strive to deliver comprehensive, continually enhanced, global quality technical and management education through an established Quality Management System complemented by the synergistic interaction of the stakeholders concerned.

MSRIT IS RANKED

45th among the top 100
Engineering
Institutions
across the Country.

-as per the National Institutional
Ranking Framework, MHRD,
Government of India - 2017

No. 1 among the engineering
Institutions under
VTU affiliation, Belagavi,
as per the National Institutional
Ranking Framework, MHRD,
Government of India - 2017

**MSRIT is accredited by NAAC
with "A" Grade**

A Tribute to our Founder Chairman Dr. M.S. Ramaiah (1922-1997)



Industrious and enterprising, Dr. M. S. Ramaiah is among Karnataka's illustrious sons and an engineering contractor of national repute. He founded 'Gokula Education Foundation' in 1962 without expecting any kind of assistance from the establishment with an objective of serving the society. Ramaiah Institute of Technology (RIT) was born under the aegis of this foundation in the same year, creating a landmark in technical education in India. Through the years RIT has imparted quality engineering education, accessible thousands from across India and abroad facing a lack of opportunity to pursue higher education.

Widely acknowledged as a visionary, Philanthropist, educationist & industrialist Dr. M.S. Ramaiah personally ensured that the institution which began with just two disciplines, grew phenomenally over the years. RIT now offers Bachelors, Masters and Doctorate programmes in several disciplines and is recognized as one of India's leading names in technical education. The Institution is equipped with state-of-the-art laboratories, well stocked libraries and has highly qualified, experienced and dedicated faculty. In tune with the noble ambitions and aspirations of Dr. M.S. Ramaiah to develop the institution so as to become a 'Jnana Sagara', all departments are continuously engaged in implementing appropriate procedures to initiate, include and conduct unique programmes keeping in touch with the emerging requirement of the industry.



FELICITATION TO BHARAT RATNA DR. C.N.R. RAO ON FOUNDER'S DAY



DURING THE INAUGURATION OF MOU, WITH THE PRESTIGIOUS BOEING COMPANY WITH RIT

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Dr. S.D. Patil

Assistant Professor, Chemistry

EDITORIAL

From the Editors desk

“To me, the greatest pleasure of writing is not what it’s about, but the inner music the words make” – **Truman Capote**

In agreement with the quote above, our editorial board brings out SUDHARSHANA, an annual college magazine highlighting the literary and artistic talent of our faculty members and students. We have also extensively covered the major events and achievements of Ramaiah Institute of Technology during the academic year 2016-2017. The final publication reflects and encompasses the diversity inherent to the academic and extra-curricular spaces in our College. We like to place on record our gratitude to all those who have contributed to make our College magazine a success. We proudly present SUDHARSHANA 2017 and we hope you enjoy reading it as much as we enjoyed bringing it out.

Editorially yours.....

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Message from Chairman



Dr. M.R. JAYARAM

Chairman, GEF & RIT

I am very glad that SUDARSHANA 2017, college magazine is being released showcasing talents of staff and students.

On this occasion, I would like to reiterate that academic excellence, global relevance and contemporaneous curriculum continue to be the corner stones of Ramaiah Institute of Technology. With every height we scale in our achievements, our responsibility towards society increases.

I wish the students and staff of RIT the very best and am extremely happy that SUDHARSHANA has served as the platform for the staff and students to exhibit their talent.

Best Wishes

A handwritten signature in black ink, appearing to read 'M.R. Jayaram'.

(M.R. JAYARAM)

Message from Vice Chairman and Director



Sri. M.R. SEETHARAM

Vice-Chairman, GEF & Director, RIT
Minister for Planning, Statistics,
Science & Technology & Kodagu District Incharge.
Govt. of Karnataka

“Vision looks inward and becomes duty. Vision looks outward and becomes aspiration. Vision looks upward and becomes faith.”– Stephen S. Wise

With this vision of duty, aspiration and faith, we at Ramaiah Institute of Technology are continuously striving to deliver global quality technical education. We have taken every possible step to develop the necessary infrastructure, technology, facilities, curriculum and extracurricular activities to make Ramaiah Institute of Technology one of the best Technical Institute in the country.

I congratulate the SUDARSHANA team and wish the very best to RIT family to scale new heights to achieve academic excellence.

Best Wishes

A handwritten signature in black ink, appearing to read 'M.R. Seetharam'.

(M.R. SEETHARAM)

Message from Secretary



Sri. M.R. RAMAIAH

Secretary, GEF & Director, RIT

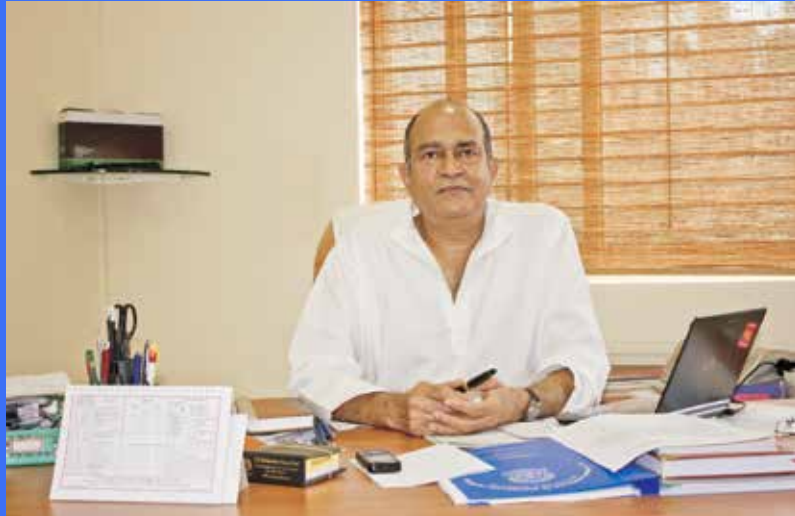
Our College aims at becoming a front runner in developing the next generation teaching and learning methods and to foster individual excellence and participation of our students in the full range of academic, cultural, social and physical activities, and make them socially sensible all-rounders. In this regard, I am happy that SUDARSHANA 2017 is being launched showcasing the literary talent of students and faculty.

Best Wishes,

Handwritten signature of M.R. Ramaiah.

(M.R. RAMAIAH)

Message from Chief Executive



Sri.S.M. ACHARYA IAS (Retd.)
Chief Executive, GEF (Engg.)

We at Ramaiah Institute of Technology strive to instill in all our students strong leadership qualities, a sense of team work and a desire to excel. Focused academic pursuits, along with a wide range of extra-curricular and co-curricular activities makes Ramaiah, one of the best Engineering Institutes in the country. I am happy to learn that Sudharshana 2017, showcasing the talent of the Institute is being released.

I wish the graduating students the best.

(S. M. ACHARYA)

Principal's Message



Dr. N V R NAIDU

Principal, RIT

It gives me great pleasure to see our in house magazine SUDHARSHANA 2017. The magazine is meant for bringing out the talent of faculty and students. Ramaiah Institute of Technology has grown abundantly in the recent past. The readers of the magazine will realize the tremendous changes that are happening in the RIT campus. The magazine is presenting a glimpse of the growth of the institution on many fronts.

At Ramaiah, we truly believe that success comes to those who work hard and stays with those who don't rest on the laurels of the past. We continuously strive at Ramaiah to deliver the best technical education to bring out renowned technocrats, successful entrepreneurs, competent leaders, innovative scientists and researchers.

My heartfelt Congratulations and best wishes to our graduating students.



(N V R NAIDU)

DEPARTMENT OF CIVIL ENGINEERING

About the Department

The Civil Engineering Department was started as the third department in the institute with an intake of 60 in the year 1971. Structural Engineering, the first PG program of the institute was started during the year 1983 with an intake of 10 and it was gradually increased to 30 in the year 2014. Further Civil Engineering Department was recognized as a research centre in the year 1994 leading to PhD/MSc in Civil Engineering under Bangalore University till 1994 and later it was brought under State Technological University VTU. Over the years, the Civil Engineering Department has consolidated the UG, PG and research programs by bagging four to six ranks every year. After obtaining the autonomous status in the year 2007, the department focused towards providing state of the art curriculum development through bench marking, offering popular electives, skill development programs for students and techno innovative projects which enhanced the performance of the students in terms of surge in placement, increase in the number of students writing competitive examinations and pursuing higher education in the foreign universities. Further, teaching skills were enhanced through pedagogical training and research initiatives which attracted over 32 PhD and 3 MSc research scholars to pursue their degree from this research centre, out of them 14 have completed PhD degree. Presently Civil Engineering Department is one of the premier Departments in VTU and is at par with any other standard institutions in the country.

List of Conferences Conducted

International Conference on Recent Advances in Engineering Sciences (ICRAES) -2016 Conducted at RIT on 8th and 10th September 2016.

List of Workshops Conducted

1. Recent Advancements in transportation Engineering (Rate-2017) 16-01-2017 21-01-2017
2. Significance of Hydrology in Civil Engineering Practice 25th July 2016 29th July 2016.
3. Design of form work 8th Aug 2016 12th Aug 2016.
4. Application of Smart materials and devices for Sustainable rehabilitation of Structures 1st Aug 2016 5th Aug 2016.

Publications

Number of Publication in International Journal : 15

Number of Publication in National Conference : 01

Number of Publication in International Conference : 8



DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering commenced in the year 1962 with an intake of 60 students. The department has grown strong over the last 54 years with the intake rising to 180 students educated by a teaching staff comprising 50 members. The department was awarded the autonomous status by the VTU in the year 2007. Master's degree programme in Manufacturing Science and Engineering and Computer Integrated Manufacturing were introduced in the year 1985 and in 2004 respectively to create adequate opportunities to scholars with a desire to pursue career in research and education. The Department also offers research programme which includes MSc Engineering by research and PhD degree from VTU and at present 24 researchers are pursuing PhD.

All the staff members have post graduate degrees and 22 of the staff members are having doctorates. The staff members of the Mechanical Engineering department have taken up a number of research projects funded by many external agencies like DRDO, DST, AICTE, and VTU and have received funding to the tune of Rs. 1 Crore. Faculty members from the department have published books in different domains of Mechanical Engineering and these books are recommended by the Visvesvaraya Technological University's Board of Studies as reference text books. The department has also contributed in developing intellectual property for the institute by obtaining a patent and currently is in pursuit of three patents.

List of Conferences Conducted

1. Two days International Conference on Recent Advances in Engineering Science – (ICRAES – 2016), 8 th & 9 th September 2016.

List of Workshops Conducted

1. Half day course on “Noise Pollution and its control”, 25.02.2017
2. One week Faculty Development Programme on “Processing of Materials, Material Characterization and Testing”, 16.01.2017 to 21.01.2017
3. Three Day Laboratory Training for Technical Supporting Staff, 09.01.2017 to 11.01.2017
4. One week Faculty Development Programme on “Recent Advances in Renewable Energy”, 18.07.2016 to 23.07.2016
5. One week Faculty Development Programme on “NDTE and its Applications – Perspective of Imaging”, 11.07.2016 to 16.07.2016
6. One week Faculty Development Programme on “Applications of Computational Fluid Dynamics in Chemical and Mechanical Engineering”, 27.06.2016 to 02.07.2016
7. One week Faculty Development Programme on “Nano materials and Nano composites”, 20.06.2016 to 25.06.2016.

Publications

Number of Publication in National Journal : 04

Number of Publication in International Journal: 19

Number of Publication in National Conference: 02

Number of Publication in International Conference : 12

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Department of Electrical and Electronics Engineering was started in the year 1962. In addition to the undergraduate program, it offers M.Tech Programme in “Computer Applications in Industrial Drives”. The department has been recently accredited for the years 2015-2019, by NBA. The department is recognized as a Research Center by V.T.U and the research areas include High Voltage Engineering, Power System Analysis and Control, HVDC Transmission, Renewable Energy Sources, Power Electronics and Industrial Drives. The department has set up a Center of excellence in Process automation and Control in RIT in Collaboration with Schneider Electric, Bangalore. The Department has close interaction with number of industry and Government agencies. The main modes of interaction are faculty consultancy, sponsored projects and short-term courses. The Department also has Industrial Affiliate courses.

List of Conferences Conducted

1. M.S.Ramaiah Institute of technology in association with IEEE Bangalore section has organized Second International conference on Circuits, controls Communication and

Computing (I4C 2016) from October 4th to 6th 2016. One day preconference workshop was held on IOT and Big data.

Several industry experts from BEL, DRDO, CISCO, ABB, AD, TI, TCS, IBM, INTEL, CDAC, CPRI, L&T & ISRO gave technical talk in the workshop.

List of Workshops Conducted

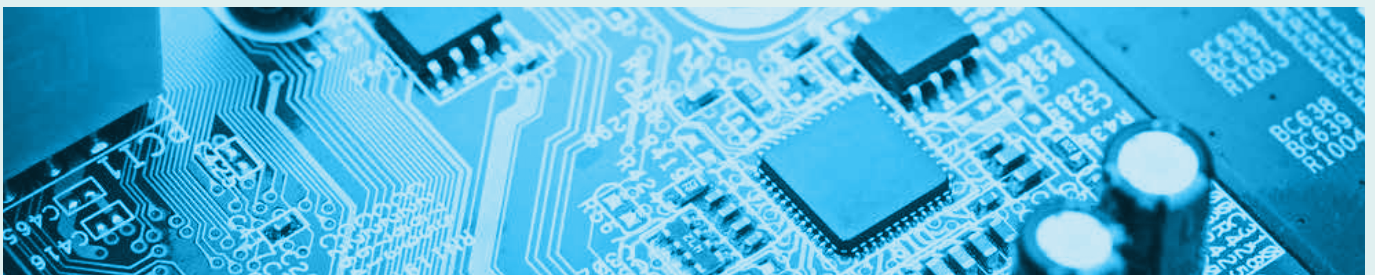
1. Department of Electrical & Electronics Engineering and Department of Electronics and Instrumentation Engineering under TEQIP organized a Six day faculty development programme on “Internet of Robotic things”, from 16th to 21st January 2017. Eminent speakers from IISC, CDAC, Phytex gave technical talk in the workshop.

Publications

Number of Publication in International Journal: 05

Number of Publication in National Conference: 02

Number of Publication in International Conference : 13



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

About the Department

The Department of Electronics and Communication Engineering was started in 1975 and has grown over the years in terms of stature and infrastructure. Apart from one undergraduate program in Electronics & Communication, the department offers two post graduate programs, Digital Electronics & Communication – was introduced in 2002, and VLSI & Embedded Systems was introduced in 2013. The Department has received funding for research from Vision Group on Science and Technology (VGST), Dept. of Science and Technology, Govt. of Karnataka. The department consists of highly qualified and experienced faculty members who have won several accolades and recognition in academics. The department has well-equipped simulation and electronics laboratories, and is recognized as a VTU approved research centre.

Six under graduate projects with social impact have been funded by from Karnataka State Council for Science and Technology during April 2017. Our Final Year UG Student's won 2nd Prize for the project titled 'Silk Worm Egg Counter' in "Anveshana - Science and Engineering Fair", a State level project competition held during 21st -23rd February 2017, jointly organized by Agastya foundation and Synopsys.

List of Conferences Conducted

1. Workshops on Cooperative "4G/5G MIMO Wireless Technology and Research Opportunities at IIT Kanpur", 28 th - 30 th December 2016, held at RIT.
2. Workshop on Speech and Signal Processing in Association with the IETE, Bangalore Centre, RIT, Monday 2nd-4th January 2017.
3. Faculty development Programme on 'CAD tools for RF Circuits and Antenna Design', held on 30th January-3rd February 2107.

Publications

Number of Publication in International Journal:07

Number of Publication in National Conference 01

Number of Publication in International Conference

34



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

About the Department

The Department of Computer science and Engineering (CSE) was established in the year 1984 with an initial intake of 30 students in UG programme and enhanced its intake to 120 in the year 1994. In 1998, the department started a PG programme in “Computer Science and Engineering (CSE)” with an intake of 18 students. Presently the department has two PG programs M.Tech in Computer Science & Engineering and M.Tech in Computer Network Engineering with in-take of 30 and 18 students respectively.

The Department of Computer science and Engineering (CSE) has four eminent emeritus professors, 7 faculty with the doctorate degree and 17 perusing the doctoral studies. The faculty has been publishing in refereed journals and in conference proceedings. The department also conducts vocational courses and proficiency courses on fundamental and new programming languages and computer science concepts. These courses are conducted beyond college hours/summer semester by the faculty of the department. Some of the faculty are involved in institutional level activities and actively involved in interdisciplinary research activities. The curriculum at the department of CSE provides both breadth and depth across the range of engineering and computer science topics. The department has well qualified, experienced and dedicated teaching and non-teaching faculty. Faculties are also indulged in publishing Book chapters related to Cyber Physical System, Cloud Computing, Big Data, and Internet of Things.

The Department has state of the art laboratories like SAP, IBM Centre of Excellence and Cuda learning center. The department is accredited by Nation Board of Accreditation (NBA) for the period of 3 years. The department has MoUs with leading IT Industries like NVIDIA, SAP, IBM and HP.

The Department of CSE has 100% placement track record every year. The students of the CSE department have bagged Highest Package- 16 LPA in this academic year 2015-2016.

List of Conferences Conducted

1. The department is actively involved in the annual IEEE Sponsored “International Conference on “Circuits, Control, Communication and Computing”, which will be held at MSRIT every year.

List of Workshops Conducted

1. One week workshop on “IoT & Cyber Security using Watson & Bluemix “ 9th to 14th JAN, 2017.
2. Three days’ SDP on Desktop and Cloud based Office Utilities for non-teaching staff 19-21 Jan 2017.
3. Mobile Cognitive Cloud and IOT-The new Computing Frontiers 25-30 July 2016.
4. Advances and Research Challenges in the Applications of Artificial Intelligence Gaming Medical Imaging and Bio-Informatics 18-23 July 2016
5. Two-Day Symposium on “Women in Engineering: Empowering Innovation and Leadership Qualities”.

Publications

Number of Publication in National Journal : 02

Number of Publication in International Journal : 16

Number of Publication in National Conference: 0

Number of Publication in International Conference : 24

DEPARTMENT OF CHEMICAL ENGINEERING

About the Department

Instituted in 1978, the Department was the first to offer a course in Chemical Engineering by a self-financing engineering institution in Bangalore and the fifth in RIT. Since its inception the department has moved steadily towards the fulfillment of its mission and is emerging as a significant player in the academic landscape of Chemical Engineering education in our country. The Department is certified thrice in succession by the National Board for Accreditation and is also ISO 9001:2008 certified for imparting quality education. Over 1900 students have graduated in 33 batches. The department is approved as Research Center by VTU for higher qualifications like M.Sc. Engg. (by Research) and Ph.D. degrees. Research Projects from DRDO, AICTE and VTU has been successfully completed. The Annual Technical Symposium organized by the department for students – RASAYAN encompasses a plethora of events such as Paper presentations, Poster presentations, M.S. Ramaiah Memorial Technical Quiz etc to challenge the young minds. The Bangalore Regional Centre of the Indian Institute of Chemical Engineers is functioning from this department for more than a decade. The country's most prestigious event in Chemical Engineering Indian Chemical Engineering Congress - CHEMCON-2011 was organized here. The event invited the top chemical engineers of the nation to our institute. A joint session with Canadian Universities in the area of Energy and Environment was also a part of this event. The department offers excellent infrastructure and

students have won various prestigious awards, international internships and high accolades for innovative projects.

List of Conferences Conducted

1. International Conference on Recent Advances in Engineering and Sciences, ICRAES – 2016 during 08.09.2016 & 10.09.2016 at RIT.

List of Workshops Conducted

1. Workshop conducted on “Chemical Process Design and Development” under TEQIP – II during 16.01.2017 to 21.01.2017 at Department of Chemical Engineering.

2. Staff Development Programme on “Laboratory Safety and Supporting Staff” under TEQIP – II during 05.02.2017 & 06.02.2017 at Department of Chemical Engineering.

3. Two Days National Level Technical Symposium - Rasayan 2016 during 02.12.2016 & 03.12.2016 at Department of Chemical Engineering.

Publications

Number of Publication in International Journal: 17

Number of Publication in National Conference : 02

Number of Publication in International Conference : 05



DEPARTMENT OF MEDICAL ELECTRONICS

About the Department

The Medical Electronics department at M. S. Ramaiah Institute of Technology (RIT), Bangalore was started in the year 1996. The department is offering 4-year full time B. E. degree course in Medical Electronics, affiliated to VTU, Belgaum, recognized by Government of Karnataka, approved by AICTE, New Delhi and accredited by NBA. The department is recognized as a research centre by VTU and is actively involved in R & D activities in the area of Biomedical signal processing and Instrumentation. The department has been actively involved in conducting workshops, FDP's, Industrial visits and seminars to provide a platform for sharing and spreading the latest developments in the field of Medical engineering ethics. The Department is a part of IEEE EMBS Bangalore chapter and IEEE EMBS student chapter. The Department is also a part of IEEE System Man and Cybernetics (SMC) Bangalore chapter. The department has 13 faculty members, three of them have PhD, two faculty submitted thesis and six members pursuing PhD. The Department faculty has delivered 5 guest lecturers during 2016-2017.

List of Workshops/Conferences Conducted

1. RIT in association with IEEE organized an International Conference on Circuits, Control, Communication and Computing on 5.10.16 and 6.10.16.

List of Workshops Conducted

1. The IEEE EMBS RIT Chapter, IEEE EMBS Bangalore Chapter in association with Medical electronics, M. S. Ramaiah Institute of Technology, organized a Special school on "Clinical Electronics and Industrial Instrumentation" from 04.08.16 to 11.08.16.

2. RIT in association with IEEE EMBS RIT Chapter, IEEE EMBS Bangalore Chapter in association with Medical electronics organized a Preconference Workshop on "Big Data Analytics" in International Conference on circuits, Control, Communication and Computing on 4.10.16

3. One week Faculty Development Program "Wearable Physiological Monitoring System and WBAN" was organized under (TEQIP Phase II) from 9th - 16th January 2017 at LHC Seminar Hall II, RIT.

4. In association with IEEE EMBS, conducted a Professional development winter school on "Clinical Data Analytics, Statistical and Machine Learning using R and Python" from 23.01.17 to 26.01.17. The resource person was Mr. Mahesh Anand S. Founder, Chief Consultant & Master Trainer, Scientific Computing Solutions, Chennai.

Publications

Number of Publication in National Journal: 02

Number of Publication in International Journal : 09

Number of Publication in National Conference: 05

Number of Publication in International Conference : 06

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

The Department was established in the year 1992. The department is certified thrice in succession by the National Board of Accreditation(NBA), Certified with 'A' grade by NAAC and was ISO 9001:2008 certified till January 2016. We have secured majority of the university ranks. Achieved hat-rick in getting 1st rank. The department has state of the art laboratory in the Automation technology. The expertise of the faculty covers a wide range of disciplines and they are engaged in cutting edge technological research. The department has active MoU with Mitsubishi Electric India Private Ltd., funded research project from CPRI, actively participated with Toyota kirloskar for student project.

The department is approved as Research centre by VTU for acquiring higher qualification leading to M.Sc(by research) and Ph.D degrees. The department offers excellent infrastructure and student innovation centre to motivate the students to do innovative projects. All faculty members are actively participating in R&D activities. Department regularly conducts workshops and faculty development programmes. Regular interaction with Alumni. Guest Lectures from industry to deliver talk on latest technology. Organized National and International conferences.

Every year students' projects are selected for KSCST and Alumni funding. Students of department win prizes regularly in contests

organized by leading industries like ABB, TI, FREESCALE etc. Students have undergone internships in renowned organizations like ABB, ISRO, HMT, HAL etc. Students have won various prestigious awards, international internships and high accolades for innovative projects. A number of students have published papers in National and International journals. Students are constantly involved in a number of extra-curricular activities. Every year the students visit Industries.

List of Conferences conducted

1. Three day International conference on Circuits, Communication, Control and Computing (I4C-2016)Organized by Dept. of CSE, ISE, ECE, EEE, EIE, TCE and ML.

List of Workshops conducted

1. One week FDP on Internet of Robotic Things (IoT)from 16.01.2017-21.01.2017
2. One week FDP on Sensor Data Fusion; Trends, Solutions and Applications from 26.07.2016-30.07.2016.

Publications

Number of publication in National Conference: 8.

Number of publication in International Journal:3.

Number of publication in International Conference : 5.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

About the Department

The Department of Information Science and Engineering (ISE) was established in the year 1992 with an objective of producing high-quality professionals to meet the demands of the emerging field of Information Science and Engineering. The department started with UG programme with an annual sanctioned intake of 30 students and the intake was enhanced to 60 seats in the year 1999, to 90 seats in the year 2001 and then to 120 seats in the year 2008. The department started M.Tech in Software Engineering in the year 2004. The department has been recognized as R&D center by VTU. The department has well equipped laboratories. Some of the laboratories have been set up in collaboration with industries such as Intel, Apple, Honeywell, EMC2, Nokia Siemens and IBM.

The department has highly qualified and motivated faculty members. All Faculty are involved in research and technical paper publications in reputed technical journals, conferences across the world. The department has been accredited by the NBA in 2001, 2004, 2010 and reaccredited in new format (outcome-based education) of NBA in the year 2015. Out of a total strength of 29 Faculty, seven of them have PhD and 14 have registered for PhD. The department has successfully conducted seminars & workshops for students and academicians in the emerging technology. Some of the funded projects are Design and Development of Reconfigurable kit for Image Restoration, Smarter farming, Data aggregation, and Emergency Healthcare

sponsored by IBM India Software labs, Honeywell Inc., AICTE, Agricultural Research, and ICMR, respectively.

List of Conferences Conducted

1. National Conference on Product Design (NCPD) 2016 with Microsoft in association with Mobility Research Forum, 1st to 3rd July 2016

List of Workshops Conducted

1. One week workshop on Computational Data Science under TEQIP II, 13th to 17th June 2016, Dept of ISE, RIT.
2. One week workshop on Research frontiers in computing under TEQIP II, 11th to 16th July 2016, Dept of ISE & MCA, RIT.
3. "Software Defined Data Centers: Creating Scalable Infrastructure for SMAC and IoT", 25th - 29th July 2016., Dept of ISE, under TEQIP II.
4. One week workshop on Cognitive computing under TEQIP II, 23rd to 28th January 2017, Dept of ISE, RIT, technically sponsored by IEEE Computational Intelligence Society.

Publications

Number of Publication in International Journal: 31

Number of Publication in International Conference: 10

DEPARTMENT OF TELECOMMUNICATION ENGINEERING

The Department of Telecommunication Engineering was established in 1996 to address the increasing demand for professionals with expertise in communication and networking technology in India. The graduate engineering program is governed by a robust and dynamic Quality Management system which covers all academic and co-curricular activities including course revision, delivery, evaluation, laboratory assignments and seminars. The department has state of the art laboratories, equipment's, resources and committed faculty having best of the academic and industry recognition. The department started an M.Tech program in Digital Communication Engineering in the year 2004. The department has a Research Centre which was started in the year 2012. Department has collaborations with some of the leading industries (e.g. Nokia, Honeywell, Intel, ARM-Nuvoton and Ericsson) and with leading national and international universities, enabling the department to focus on R&D, and thus providing new avenues for PG/UG students for placement and higher studies.

List of Conferences Conducted

International Conference on Circuits, Controls, Communication and Computing (I4C-2016)- 4th-6th October 2016.

List of Workshops Conducted

1. Micro-Nano Sensors for Health Monitoring - 6th to 11th June 2016.
2. IOT for Wireless Application - 25th to 29th July 2016.
3. Pre conference workshop on "IOT and its Application - 4th October 2016
4. Research Trends and Development on IOT enabled 5G Wireless Networks - 16th to 21st January 2017.
5. Web Designing - 19th to 21st January 2017

Publications

Number of Publication in International Journal : 07

Number of Publication in International Conference: 08



DEPARTMENT OF BIOTECHNOLOGY

About the Department

Established in 2002 the Department offers a four year B.E. Biotechnology Program with an intake of 60 students and a two years PG Program, M.Tech in Biotechnology with an intake of 18 students. The department is also a recognized Research Centre by VTU, Belgaum, offering M.Sc (Engg.) by research and PhD programs. The Department was accredited by NBA for 3 years w.e.f 21-06-2010. The Department has excellent infrastructure and state of the art laboratories. All the class rooms in the department are spacious, well furnished and equipped with LCD projectors. The department library houses ample number of books which is over and above the central library facility. The department has 14 faculty members, 9 of them are PhD holders and the rest are M.Tech/M.Pharma. Many of the faculty members have post doctoral experience in premier institutions in India and Abroad. The faculty members have competence in core areas of biotechnology viz. food and agricultural biotechnology, health and medical biotechnology & environmental biotechnology and bioprocess engineering. The department research is focused towards these core areas and funded by national and state funding agencies like DST, AICTE, VGST, VTU and RGUHS. The student research projects have been funded by VGST, KSCST and RIT alumni association.

List of Conferences Conducted

1. 8-9 September 2016 2 days International Conference on Recent Advances in Engineering Sciences (ICRAES).

List of Workshops Conducted

1. 3-4 March 2017 2 days Workshop on Research Methodology for Students.
2. 16-21 January 2017 6 days Workshop on Protein Application in Biotechnology under

Proteomics Society of India Jointly organized with Aristogene Biosciences.

3. 5-6 January 2017 2 days Hands on Training on Laboratory Biosafety for Supporting Staff Jointly organized with Department of Chemical Engineering, RIT.

4. 18-19 November 2016 2 days Technical workshop on Laboratory Biosafety for Students jointly organized with Sami Labs

5. 11-15 July 2016 5 days Computational Tools for OMICS data Analysis Jointly organized with Department of Computer Applications, RIT

6. 4 -5 July 2016 2 days Hands on Training on Analytical Techniques for Supporting Staff Jointly organized with Department of Chemical Engineering, RIT.

7. 28 June to 2 July 16 5 days Application of Biotechnology in Natural Products Development Jointly organized with Himalaya Drug Company, Bengaluru.

8. 20 May 2016 1 day The Craft of Writing Research Grant Proposal.

Publications

Number of Publication in National Journal: 03

Number of Publication in International Journal: 19

Number of Publication in National Conference: 8

Number of Publication in International

Conference: 8

DEPARTMENT OF INDUSTRIAL ENGINEERING AND MANAGEMENT

About the Department

The department of Industrial and Production Engineering was established in the year 1979 as a part of Mechanical Engineering. The Department got separated as an independent department in the year 1984. The department of Industrial Engineering and Management obtained the academic autonomous status in the year 2007 affiliated to VTU along with other departments of the institute. 6 batches under autonomous curriculum have already passed out and the 7th batch is about to complete. All the eligible students are successfully placed in prestigious organizations. The department was accredited by the NBA in the year 2001 and reaccredited in 2004, 2010 and 2015. The Department of Industrial Engineering and Management is backed by highly motivated and result oriented staff members. All the faculty members have obtained their master's degree, with 7 having doctorate degree from prestigious universities and 4 faculties are pursuing their Ph.D and 1 faculty is awaiting defense. Most of the faculty members hold important positions in the university and also examiners in the Visvesvaraya Technological University/ other autonomous institutions.

4 most important facts about the department

1. Behavioral Science Research Centre is setup in collaboration with Columbia / Stanford University – USA & National University of Singapore.
2. MOU with Cimtrix Pvt. Ltd., Bengaluru.
3. Actively involved in R&D activities by getting funds from reputed funding agencies.
4. Provision of latest software and related technical support to augment the teaching process.

List of Conferences Conducted

1. Two days International Conference on 'Recent Advances in Engineering Science – (ICRAES – 2016), 8th & 9th September 2016."
2. Two days national conference on "Transforming the quality paradigm to achieve make in India a practical reality – A seamless approach", 24th & 25th March 2017.

List of Workshops Conducted

1. One week faculty development programme on "Agile Manufacturing & Management", 16th to 21st January 2017
2. One day Staff development programme on "Exploring the unexplored features of solid edge software", 11th August 2016.
3. Five days faculty development program on "Advanced Manufacturing, Measurements and Non-destructive Techniques used in Industries, 26th to 30th July 2016.
4. One day seminar on "Energy environment and sustainable growth", 4th February 2016.
5. Three day Faculty development programme on "Innovation and Technology driven entrepreneurial momentum and change in emerging India", 4th to 6th January 2016.

Publications

Number of Publication in National Journal: 03

Number of Publication in International Journal: 30

Number of Publication in National Conference: 34

Number of Publication in International Conference: 03.

DEPARTMENT OF PHYSICS

About the Department

Physics department has a team of dynamic and well qualified faculty (all with Ph.D) with a passion for research. Majority of them have more than 15 years of teaching experience and more than 10 years of research experience. The pass percentage in Engineering Physics course is around 94% with majority 'A' grade. The department is recognized as a research center by VTU and two research scholars have been awarded Ph.D from the department. Three external funded research projects have been successfully completed and two projects are ongoing with external funding to the tune of Rs. 40 lakhs from BRNS and VGST. The Department has very good infrastructure, well equipped spacious laboratories, good computational and research facilities. Two faculty development programmes (FDP) have been successfully conducted by the department in last one year. More than 50 delegates from various institutions across the state had attended in each FDP and benefited by expert lectures from professors of premier institutions such as IISc, JNCASR, RRI and CeNS.

List of Workshops Conducted

1. One week faculty development programme on "Agile Manufacturing & Management", 16th to 21st January 2017.
2. One day Staff development programme on "Exploring the unexplored features of solid edge software", 11th August 2016.
3. Five days faculty development program on "Advanced Manufacturing, Measurements and Non-destructive Techniques used in Industries, 26th to 30th July 2016.

4. One day seminar on "Energy environment and sustainable growth", 4th February 2016.

5. Three day Faculty development programme on "Innovation and Technology driven entrepreneurial momentum and change in emerging India", 4th to 6th January 2016.

6. Faculty Development Programme on "Advanced Materials Characterisation Technology", during 27-29, July 2016.

7. Faculty Development Programme on "New Horizon in Soft Condensed Matter Physics for Interdisciplinary Research" during 09-13, January, 2017.

Publications

Number of Publication in International Journal : 13

Number of Publication in National Conference : 02

Number of Publication in International Conference : 02

DEPARTMENT OF MATHEMATICS

The department came into existence in the year 1962 along with the institution itself to teach mathematics for electrical engineering and mechanical engineering students. In those days mathematics was taught in all the five years of study and in the fifth year mathematics was offered as an elective subject which plenty of students used to take and scored very high marks. Thus mathematics has remained always a popular subject and even today it is a popular subject in its own way. In 1971 civil engineering branch was started in the college and there after branches after branches, namely, Electronics and Communications, Computer Science and Engineering, Chemical Engineering, Information Science and Engineering, Instrumentation Technology, Electrical and Electronics Engineering, Medical Electronics, Industrial Engineering and Management, Telecommunication Engineering, Biotechnology, B. Arch and several PG courses were added as branches of study in the institution.

In tune with this progress of the institution the department of mathematics also grew in size and stature to its present condition consisting of twenty staff members with eleven Ph.D. holders and remaining are pursuing for their Ph.D. degree. Also, department is recognized as a research centre in the year 2004 under VTU. At present,

eight students have obtained their Ph.D. degree and seventeen students have registered for Ph.D. programme in the department. To its credits, the department has taken up many funding projects from various organizations to meet the needs of the industry, research and higher education. The department is offering engineering Mathematics course to I and II year B.E and I Sem M.Tech programme. Open electives are also offered for the students in the seventh semester.

List of Workshops Conducted

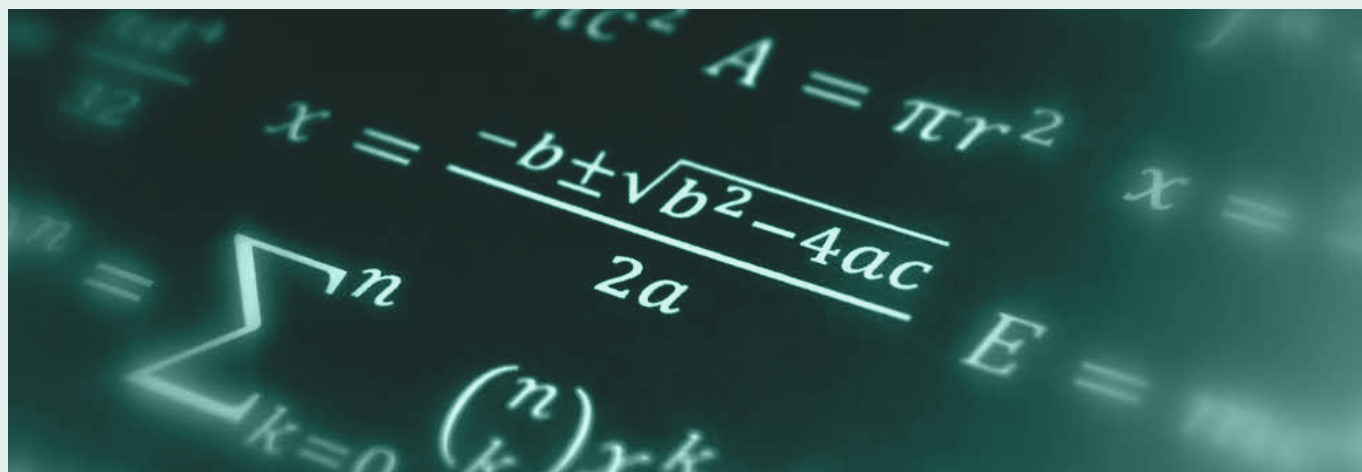
1. Five Days workshop on 'Theory and Applications of Mathematical Modeling in Engineering' from 26-30 July 2016
2. One week FDP on 'Discrete Mathematics, Modeling & Computational Techniques in science & engineering' from 16-21 Jan 2017.

Publications

Number of Publication in International Journal: 05.

Number of Publication in National Conference: 02.

Number of Publication in International Conference: 12.



DEPARTMENT OF CHEMISTRY

The Chemistry Department is one of the oldest Departments (established in 1962) of Ramaiah Institute of Technology. The Department consists of ten well qualified and experienced faculty members. The Department aims at preparing the students for careers in all the fields of engineering aspects and also carry out basic and applied research work. The main activity of the department is to teach engineering chemistry theory and Laboratory courses to the under graduate engineering students of all disciplines. Department is also involved in teaching Technical chemistry and Instrumental methods of analysis for III and IV semester BE chemical engineering students, along with respective laboratories. The department offers open electives for 8th semester students. The department is a recognized research centre by VTU and eighteen research scholars have registered for Ph. D. All faculty members are actively engaged in research work and publishing regularly research papers in reputed international journals.

List of Workshops Conducted

1. TEQIP-II funded Faculty Development Programme program on 'Design of Advances Oxide Materials and their Applications', conducted by the department on 11th January, 2016.
2. TEQIP-II funded Faculty Development Programme on "Industry-Academia Interaction in Research and Developments: Opportunities and Challenges (IAIRD-2017)".16-21 February, 2017.
3. TEQIP-II funded a three day national workshop on 'Domestic plants & Kitchen -Your Medicinal Box', 28-30th July, 2016.

Publications

Number of Publication in International Journal: 18

DEPARTMENT OF HUMANITIES

The department of Humanities has five faculty members, out of which two faculty members are pursuing doctoral studies. The faculty has been publishing in referred journals of repute and in conference proceedings. The department is rigorous in teaching subjects like Constitution of India & Professional ethics, Professional communication and Kannada, Communication skills. The department also conducts English Communication course for foreign and needy students and gives guidance for competitive exams like GRE, IELTS and TOFEL. These courses are conducted beyond college hours/summer/ semester by the faculty of the department. The department is also equipped with a Language lab located

in LHC block. In the lab, I year students from physics & Chemistry cycle are given coaching in grammar, vocabulary, reading and writing skills. Students maintain a lab record which is a component of CIE evaluation. Apart from this, students are involved in group activities like Presentation, GD, Debate, Role Plays, and Collage to inculcate team work and to present their ideas confidently. The department has also introduced Kannada workbook to facilitate learning habits. Creative writing sessions in English and Kannada are conducted by the department to develop critical and creative skills. As a whole the department aims to incorporate social skills and broaden critical and creative competencies.

Publications

Number of Publication in National Journal : 03

Number of Publication in International Journal :
04

Number of Publication in National Conference :
08

Number of Publication in International Conference
: 02

DEPARTMENT OF COMPUTER APPLICATIONS

About the Department

The Department of Computer Applications was established in 1997 with the objective of producing high – quality professionals to meet the demands of the emerging field of Computer Applications. The department got academic autonomy in the year 2007 and is accredited by NBA. The Department of Computer Applications is recognized as a Research Center under Visvesvaraya Technological University in 2012. The department is able to provide services of high quality to its students because of the motivated and cohesive staff members of the department. The department comprises of eight doctorates out of twelve faculty members. The department has established stable and adequate infrastructure, library and well-equipped laboratory facilities. The Curriculum is framed on par with the standard of IIT/International Universities to enable the students to meet the requirements of industries and to do higher studies.

List of Conferences Conducted

1. International Conference on Recent Innovative Trends in Computer Science and Applications, (ICRITCSA) 21st – 22nd October 2016.

2. Workshop on “Bloom’s Taxonomy : A Taxonomy for Accreditation”, 26th July 2016.

List of Workshop Conducted

Workshop on “HADOOP”, 2nd - 3rd March 2017.

Publications

Number of Publication in International Journal: 4

Number of Publication in National Conference: 1

Number of Publication in International Conference
: 24

DEPARTMENT OF MANAGEMENT STUDIES

About the Department

The Department of Management Studies (MBA Programme) was established in 1998 with an objective of creating high quality professional managers to meet the emerging and ever growing demands and challenges of the industry in an ethical and responsible manner. Over the years, the Department has built a strong reputation for its program and graduating students are placed in reputed institutions and leading corporations.

The Department offers a 2 year MBA degree course of Visvesvaraya Technological University (VTU). The department is a recognized Research Centre of VTU and, at present there are 4 Doctorates and 13 researchers are pursuing their Ph.D under their guidance. Two Researchers are already been awarded their doctoral degree from our VTU Research Centre. Recognizing the quality of management education imparted by our Institution, the department was the first in Bangalore Region to receive academic autonomy from VTU in the year 2007.

The faculty of the department are well experienced both in industry and in the academic field. Many of our faculty members have authored books and published papers in leading journals and they have attended national and international conferences and seminars.

The Department has professionals with ample industrial experience as visiting faculty leading some of the significant and contemporary subjects. The department believes in continually enhancing the expertise of the faculty by

deputing them to various workshops and faculty development programs.

The department is committed to deliver quality management education. Facilitating this, processes like Teaching process, Proctor process, Quality Audit programs are in place. The department has conducted programmes and workshops for the benefit of teaching fraternity and students.

List of Conferences Conducted

1. National Conference on “Transforming the Quality Paradigm to achieve Make In India-A Practical reality” – A seamless approach on 24th & 25th March 2017.

List of Workshops Conducted

1. Workshop on “Practical Approach to Stocks and Derivatives Trading” on 07-10-2016
2. Workshop on “Understanding Indirect Taxes Including Goods & Services Tax and its implications” on 22-09-2016
3. Faculty Development Programme on “Agile Manufacturing and Management” from 16th to 21st January 2017.

Publications

Number of Publication in National Journal : 06

Number of Publication in International Journal : 13

Number of Publication in National Conference : 77

Number of Publication in International Conference : 06

PROCTORIAL SYSTEM



The Proctorial system was introduced with the main objective of providing supportive care and advice for the students to help them in their academic and personal problems, if any, from time to time and to counsel them appropriately. This system would help the students to complete their studies comfortably and successfully.

Proctorial process is a supportive process, where in Chief Proctor heads the system. Every department has a deputy chief proctor and all the faculty members are called the proctors. Each proctor is allotted to about 20 students. The proctor acts as a local guardian helping to solve the academic and administrative problems faced by his wards, she/he would help in solving personal problems, if any. Proctor maintains a student information record for each of his/her wards, this record gives all the details of the students, in terms of course registration/course dropping/withdrawn/re-registration etc.. In addition to the details of Proctor-student/Proctor-parent meetings held from time to time. It also gives the details of the performance of

the candidate in the semester end examination. Proctor dispatches two rounds of progress reports at the end of 45 and 90 days from the day one of starting of the semester.

Chief Proctor conducts scheduled meetings with the deputy chief proctors and HODs to update the details of the Proctorial process.

Student Information System

RIT has in place a Student Information System (SIS), an online application that offers students and their parents /guardian up-to-date information. The attendance/CIE Marks entered by each faculty member in SIS is constantly monitored in the Chief Proctor's Office. This information is displayed in the respective departments. Finally this data is used to prepare the candidate eligibility list for the semester end examination. Student whose performance is not up to the mark is asked to appear for counseling with the proctor/deputy chief proctor/chief proctor in order to help the student to improve upon in the coming semesters.

MSRIT ALUMNI ASSOCIATION

The MSRIT Alumni Association (MSRITAA) was formally established in July 1998. MSRITAA has been conducting several activities under the leadership of Sri Tallam Venkatesh, the present President. MSRIT local Chapters at Andhra Pradesh, Tamil Nadu, Cochin, Delhi, Patna, Orissa and Dubai are actively conducting programs in their regions.

Following activities were organized by the MSRITAA this year:

Scholarships

Merit and Means and GMW Aspire Foundation Scholarship Distribution: Merit and Means Scholarships and GMW Aspire Foundation Scholarships (instituted by Shri Jasbir Singh) awarding function was arranged on 11th February 2017. The Merit and Means Scholarships were awarded to 50 students and GMW Aspire Foundation scholarship was distributed to 10 students. Under these scholarships each student received an amount of Rs 10000/-.

Shri Krishna P Godasi Scholarship – Maganti Foundation: Instituted in 2006 by Sri Ankineedu Maganti and his friends in the memory of their classmate late Shri Krishna P Godasi. Every year they had been contributing full tuition fee for about 20-30 students. This year they contributed Rs.16.8 lakhs towards this Scholarship. The Scholarship distribution function was conducted on 25th March 2017.



Project Funding : Every year Alumni Association funds Project Work of UG and PG in all branches. This year 21 Projects were funded a total amount of Rs 1.48 lakhs.

Awards

1. Best Project Award : The Best Projects of UG & PG were awarded on Farewell function. The award consists of a memento & citation. 28 projects were awarded on 11th May 2017.

2. Rank Holder Felicitation : Rank holders are awarded Gold Medals instituted by alumni during the Graduation Day ceremony. Gold medals are instituted as follows:

SL. No.	Branch	Gold Medal Instituted by
1	B.E. Civil Engineering	Sri Manoj Srivastava
2	BE Mechanical Engg	Sri Sajjan Jindal
3	BE, Electrical & Electronics	Sri Jasbir Singh
4	BE, Electronics & Commn	Sri Anurag Agarwal
5	BE, Chemical Engg	Sri Aju Jacob
6	BE, Industrial Engg & Mgmt	Sri C Lakshmi Narasimha Rao
7	BE, Computer Science & Engg	Sri Yogesh Jain
8	BE, Information Science & Engg	Sri Nabarun De
9	BE, Telecommn. Engg.	Sri Yogesh Jain
10	BE, Instrumentation Tech.	Sri Tallam Venkatesh
11	BE Medical Electronics	Sri Nabarun De
12	BE Biotechnology	Sri Parveen Satija
13	B. Arch.	Sri Jasbir Singh

Mechanical Engineering branch in the name of Late Sri Ch. Abhishek, a student of Mechanical Engineering branch by his father Sri Vijay Mohan Rao in February 2017.

Distinguished Alumni Talk Series : Distinguished alumni are invited under this talk series to address and share their knowledge and expertise. Following talks were organized this year:



1. Mr. Anurag Seth, Vice President, Wipro, Talk title: Prepare for digital era
2. Mr. Aravind Jatti, Chairman, Jatti Motors, Talk title - Spirituality and Soft Skills on 17th January 2017
3. Sri V. Nandakumar, Head, Sustainability & Business Excellence Services, Det Norske Veritas AS, Talk title – Sustainability – What is it? on 17th February 2017
4. Sri Krishna Prasad Chitrapura, Vice President and Business Head, Practo Technologies, Co-founder, Qikwell.com, Title of talk: Journey from being an employee to entrepreneur on 17th March 2017
5. Sri Ashwin Sreenivasan, Vice President Esya Soft, Director, Yethi Medical Systems
Title of the talk: Start up Fundamentals – Truths and Myths on 28th April 2017.
At the department level alumni are also invited to deliver the talk at department.

MSRITAA Research Fellowship Scheme : MSRIT Alumni Association (MSRITAA) has instituted MSRITAA Fellowship Grant in 2014 to provide financial assistance to faculty members pursuing research projects or plan to conduct research work in advanced areas and requiring research fellows or innovative student's projects of social impact. The support includes a Fellowship of Rs. 5,000/- (Rs. Five thousand only) per month for one year with a contingency grant of a maximum amount of Rs. 10,000/- (Rs. Ten thousand only) per annum. In 2016 three research projects were granted Research Fellowship under this scheme as follows:

1. Preparation and Characterization of Composite Electrolyte Membrane for Proton Exchange Membrane Fuel Cells of Prof. Putta Bore Gowda and Sri Chaithanya Murthy S.

2. Novel Biocatalytic Esterification Reaction on Fatty Acids of Dr. Rajeswari M. Kulkarni and Ms. J. Pradima Britto.

3. Newtonian and Non-Newtonian Fluid Flows on Heat and Mass Transfer of Dr. Dinesh P.A. and Ms K Divya Joseph.

Ms. V. Vijayalakshmi under the guidance of Dr. Bindu s., HOD, Biotechnology was granted RITAA Research Fellowship Grant for the year 2017 on 24th March 2017.

Bus Pass Scheme : The scheme is to provide the needy student of RIT with a local conveyance charges of sum of Rs 1500/- per year. In 2016, 38 students were given a total amount of Rs 49,400/- under this scheme. This year 40 students were supported under this scheme.

MILANA – Annual Get-together : The annual alumni meet of MS Ramaiah Institute of Technology was organized on 27th August 2016, Saturday at the institute campus. Alumni were invited to their respective departments at 4.30 pm. The main program was organized at the Seminar Hall of Engineering Sciences Block of the institute. During the program distinguished alumni were felicitated-Shri Mahesh Poddar, Hon'ble Member of Rajya Sabha and Industrialist, Shri Ankineedu Maganti, MD, Soma Enterprises Ltd., Shri R K Jaigopal, MD, Struct Geotech Research Lab Pvt Ltd., Shri Sharad Mahendra, CEO, Anksama International, AiNOVA Lighting, Shri V Nanda Kumar, Regional Sustainability Manager, DET Norskeveritas, Shri K. Thangavelu, Secretary, Kongunadu Group of Institutions, Director, PSK Constructions Co, Shri Ashwin Sreenivasan, COO, Evasoft, Director, Yethi Medical Systems Pvt Ltd were felicitated. Alumni shared their experiences and a cultural program by our students was presented.



Congratulations to the following alumni who topped and qualified UPSC this year:

1. Ms Nandini K R, 1st Rank (Dept. of Civil Engg. 2008- 2012 batch).
2. Mr. Shaik Tanveer Asif, 25th Rank (Dept. of Elect. and Commn. Engg 2010 - 2014 batch).
3. Ms Priyanaka G., 84th Rank (Dept. of Elect. & Commn. Engg. 2008-2012 Batch).
4. Mr. Vijayendra Ramachandra Murthy, 300th Rank Dept Computer Sc. & Engg., 2005 - 2009 Batch).
5. Mr. Tushar Narayan, 418th Rank (Dept. of Computer Sc. & Engg., 2003 - 2007 Batch).
6. Mr. Vinay V. Nayak, 421st Rank (Dept. of Elect. & Commn. Engg 2003-2007 Batch).
7. Mr. Santosh Bheemaiah, 840th Rank (Dept. of Computer Sc & Engg., 2000 - 2004 Batch)



LIBRARY AND INFORMATION CENTRE

(Welcome to treasure house of wisdom)

The Library begins its existence in 1962. The library with its modern collection knowledge resources and innovative information services fills an essential role for students, faculty and the surrounding community in their intellectual pursuits. It is a centralized Air Conditioned fully automated library predominantly related to Engineering, Technology, Management and allied subjects. The collection comprises of 1, 27, 554 volumes of Books with 33,937 Titles. Library subscribes to leading National /International e-Resources pertaining to Engineering & Management, and also subscribed to 22129 e-Books. The e-resources can be accessed remotely. The other learning resources preserved in the Library are 3720 Bound volumes of journals, 4404 Compact Discs (CD's), Handbooks & Data Books, 75 Video Cassettes & Indian Standards. Library has developed a State of the art Digital Library with Wi-Fi connectivity & automated all services through Web based Library Management Software called

“Libsys 7 Rel. 3”.

List of Conferences Conducted

Two Days Engineering and Technical Book Exhibition -2016 was held on 25-26, October 2016. 17 leading publishers from all over India were took part and exhibited more than 10000 latest titles related to Engineering and Management.

List of Workshops Conducted

One Day Workshop On “CAT TIPS AND TECHNIQUES TO CRACK THE EXAMINATION” in collaboration with Pearson Education India, Dated 23rd September 2016.

Publications

Number of Publication in National Journal : 02.

Number of Publication in International Journal 02.

Number of Publication in National Conference: 02.

Number of Publication in International Conference : 02.

ENTREPRENEURSHIP DEVELOPMENT CENTRE, RIT 2016-2017

Over the years, we have been successful in establishing ourselves as a responsible and an effective organization excelling in the field of entrepreneurship. We conduct various workshops, entrepreneurship awareness camps, E-Talks, personality development programs and also competitions for budding entrepreneurs and providing them with necessary resources such as mentoring, seed funding and networking. EDC is dedicated to development of multidimensional skills. Creating a forum where we can bring Interdisciplinary students to bring the heterogeneous culture together. It invites various eminent entrepreneurs to deliver lectures to educate students about the joys and hardships of entrepreneurship. Guest Lectures, Workshops, Case Study, Group Discussions are conducted throughout the year to involve students in activities that are essential to be an entrepreneur. E-Cell also actively incubates startup ideas by creating required eco system to be an entrepreneur.

The Entrepreneurship Development Centre basically aims at recognizing and developing soft skills of individuals. To be a successful entrepreneur it is important for an individual to be a leader, a team player and a risk taker. He should also be an excellent judge of opportunities and recognize the potential a market can offer. A good entrepreneur has to analyze the market, plan and implement his ideas for a better society. Keeping these objectives in mind E-Cell functions to guide the budding Entrepreneurs in their Endeavour.

THE EDC EXORDIUM

The year 2016 started with EDC welcoming the fresher's to its entrepreneurship club through the orientation program - THE EDC EXORDIUM. The EDC Exordium for the academic session 2016-2017 was held on the 23rd of August, 2016 in the Hi-Tech Seminar Hall, DES Block. The event witnessed a huge turnout of over 350 students turning up.

With the vision of spreading the spirit of Entrepreneurship, to nurture and encourage the expression of fresh, innovative ideas and channelize the best of these to actual implementation, the year 2017 witnessed the following series of meets aimed at achieving the same.

- 1. EDC RIT FIRST MEET-ICE BREAKER ACTIVITY**
- 2. EDC RIT SECOND MEET - CAUSES FOR THE FALL OF A VENTURE**

Nurturing relationships with your customers, colleagues and team work is a crucial part of growing a successful business. At any moment, an unhappy customer can share their opinion with the masses through social media and the web and negatively affect your business. That's why it's even more important than ever to create an excellent experience for your customers to help develop your company's relationship with them and know how team work plays a major role in survival of a company. During this meet the main reasons behind the fall of some of the major companies and solutions that could have prevented their fall were discussed.

1. EDC RIT THIRD MEET - PRODUCT LAUNCH

The meet focused on a simple activity that involved brainstorming. The objective was to come up with a product which is the outcome of combining two different products from different domains. To make the activity more fun and interactive, the students were asked to come up with strategies in marketing their product through mad ads.

2. EDC RIT FOURTH MEET - B-QUIZ

Exuberating, motivating, enlightening and engaging would describe the Quiz Competition of EDC RIT in its last meet of semester. The competition was aimed at developing the knowledge and excellence base among the students through healthy and highly motivating meet.



KrazyBee being a startup company was started by a bunch of IIM & NIT alumni zealously working towards the fulfillment of the aspirations of the current Indian college-going millennials. Their mission having to be the convenient connecting bridge between the college-going youth of this country, and their wonderful dreams

and aspirations. Their prime focus is to be the source of hassle-free financing for college students to pursue their passion, who are certainly creditworthy but don't have any convenient options in the market to support them currently.

EDC RAMAIAH had a curtain raiser on 24th of August bringing to the students the Startup Fest sponsored by Cyber Carrier, bringing a step further to get their idea validated by experts and earn seed funding with no strings attached. Start early and be a winner was what Mr. Ishan Bose, officially associated with the startup shared among the audience when while discussing the main aspects of a business plan and entrepreneurship during the curtain raiser event. The KrazyBee STARTUP FEST provided an opportunity for the young youth step forward and pitch in their startup ideas and get their business plan funded up to INR 1 LAKH.

IDEARISE 2016-2017

A TECHNO-ENTREPRENEURSHIP IDEATION CAMP



With the intention of creating ideas that can potentially be converted into a business opportunity or lead to IPR by conducting an 'Ideation Camp' involving students of all Departments, RIT took up the initiative of setting up a techno-entrepreneurship ideation camp the IDEARISE 2016, creating a new realm of possibility at RIT. The main purpose of IDEARISE was to encourage students to identify real world problems which can be converted into a business opportunity, and apply technology to find solutions to solve this problem. With this aim, an orientation program was conducted on the 18th of October 2016, in the presence of keynote speakers from the corporate world, the faculty and the students.

The chief guest for the event being Mr. Suhas Gopinath, was recognized as the world's youngest certified Professional Web developer through his project coolhindustan.com. The other keynote speakers being, Mr. Vijay Walter, Project Manager - World Startup Expo; Anjali Gupta, Co-Founder and CEO iGnitus World, Global Director- Entrepreneur Cafe -Campus Mr. Raghuraman, a senior IT professional ; Mr. Nelson Vasanth J, Founder & CEO at Honey Technologies and Startup Mechanics; Mr. Karthikeyan NG, Founder at GazeMatic, Building caller application for Virtual Reality world; Mr. Sujay Nair, Mediapreneur, Venture Capitalist, Publisher.

A two days' workshop was conducted on how to create a B-Plan, by IIFCS (Indian Institute for Financial and Commercial Skill) team on 12th and 15th of December 2016. A good crowd of 150 young minds gathered in the HI TECH DES seminar hall and some faculty members. This workshop

was conducted to give a detailed insight to the aspiring entrepreneurial minds on how to make their business ideas presentable so that it can be sold.

Ramaiah Institute of Technology provided its students a great opportunity of highlighting their startups at the IIIF Fair. The fair witnessed about 200 stalls with companies such as Intel, Google etc. and companies/startups from around the globe presenting. The IIIF fair was not only a feather in the cap for RIT but also has given a different experience to the students. Overall, it was a splendid experience for all the students.

EMPYREAL 2017 was the first ever launched Ramaiah Institute of Technology's Entrepreneurship Fest under the Entrepreneurship Development Centre. Through the launch of its new event Empyrean (RIT E-WEEK) held from 17th to 22nd of February 2017 EDC aims to encourage entrepreneurs and provide a platform for their participation and make it big this time around. Empyrean is a one-of-its-kind event with equal bits of knowledge, fun, motivation and indulgence. In this regard, we plan to carry out inter-college events through E-Summit along with intra-college events.

EMPYREAL 2017 proposed to consist of two phases - E-Fiesta and the E-Summit. The former was restricted to the students of RIT, while the latter was an inter-college affair. This fest celebrates the skill of entrepreneurship over a huge scale. It basically focuses on the development and exposure of the new comers in the field of the Startup world. Empyrean means 'pertaining to the highest sky' where this fest aims to push the new talents up to.

SCHOOL OF ARCHITECTURE

2017- A year of Silver Jubilee Celebration

About the Department

The Department of Architecture was established in the year 1992; later on it was rechristened as School of Architecture (SOA), as per the requirement of the Council of Architecture (COA). In 2011 the School of Architecture started M.Arch in Landscape Planning. Now we have three batches passed out from M.Arch. program and twenty batches passed out from B.Arch. program. It is an independent School of Architecture in Ramaiah Institute of Technology, an autonomous institution from the year 2007 affiliated to Visveswaraya Technological University.

The successful completion of 25 years of its existence as School of Architecture has made its presence felt in the aura of architectural education in India. The department encourages students to think outside the box, and gives them ample opportunity to do so. 'INSPIRIT'- an annual inter college fest organized by the students and faculty of the department paves way for excellence in creative fields, while the annual magazine of the department, 'RENDER', brings forward the literary talent of the architecture family.

The students won laurels to the department by coming 2nd place in South Zone level in Archumen Quiz 2016 and 3rd in National Level. 9th semester student of SOA, RIT is

elected as Vice president of NASA, India, one of the largest Architectural students Association at national level. SOA, MSRIT emerged as Second runner up in the three days BY ZERO - ZoNASA Convention. The students of final semester have contributed in the development project of the present new terminal of Kempegowda International Airport building design.

The School of Architecture makes point to cover all allied and supportive subjects related to architecture and architectural management through conducting regular study tour, workshop, guest lecture, conference, faculty development programs as part of the overall development and progress of the department for the betterment of students, faculty and society.

List of Conferences Conducted

1. Conference on Acoustical Design by experts from Armstrong Company of USA.

List of Workshops Conducted

1. Tensegrity - Rhino Modeling, Grasshopper generative tools and Kangaroo simulations with fabrication

Publications

National Conference: 3

PRADARSHANA 2017

OPEN DAY - PROJECT EXHIBITION

On 9th and 10th of May, 2017

The project exhibition was a unique opportunity for the students to showcase and promote their conceptual ideas and prototypes in front of some of the leading decision makers in the industry. Students from all the departments of RIT actively involved and participated in this exhibition, showcasing their technical knowledge and innovative ideas for technical development.

The scope of this exhibition went beyond display on the two days as the students were not only expected to present their technical ability but also to come up with projects which can prove to be of great good for the society. Apart from what the students showcase during the OPEN DAY, the exhibition had also upcoming projects and ventures from some of the big names in technology on display.

The event is received huge footfall as people from all across the city of Bengaluru visited and witnessed this exhibition along with several media personnel and dignitaries from various educational institutions in the city. Overall, the event was destined to be one of a huge stature and appeal with undergraduate students from various engineering disciplines showcasing their projects under one roof, with an aim to make it big!

Since it was conducted during the Open Day Event at RIT, public was also invited for the Event. Program was inaugurated by: Mr. Rahul Bapat, Senior Manager , Boeing, Defence, Space & Security, Bangalore, along with our Honourable Chairman (GEF), Dr. M R Jayaram ,Sri S M Acharya , CE, CFO, Principal were associated in the inauguration.

Total Number of stalls 141. Lot of media also covered the event.



DEPARTMENT OF SPORTS

Key Activities of the Department

Memorial Tournaments

1. Organized 19th Dr. M.S. Ramaiah Memorial Cricket Tournament from 13th to 23rd September 2016.
2. Organized 9th Dr. M.S. Ramaiah Memorial Basketball Men & Women Tournament from 18th to 20th October 2016.

In House Activities

1. Organized 46th Annual Athletic Meet in RIT Sports Ground on 5th November 2016.
2. Organized Inter GEF Institutions Athletic Meet on 25th March 2017.
3. Conducted RPL Dr. M.S. Ramaiah Premier Cricket League T-20 Tournament (Inter Branch Competition) held from 17th to 20th April 2017.
4. Conducted RFL Dr. M.S. Ramaiah Football League held from 22nd to 26th April 2017.
5. Conducted Intra Branch Competitions for both Men & Women in Basketball, Volley ball, Throw ball, Tennis, Badminton, Table Tennis, Chess & Carom. (Mechanical Department Secured Overall Champions Trophy scoring 99 Points by Winning maximum no. of games)
6. Conducted Staff Tournaments for Men & Women in Cricket, Throw ball, Table Tennis & Carom.
7. Conducted Sports Felicitation, Cash Award for the Achievers and Annual Sports Prize Distribution Function on 28th April 2017.

Outstanding Sports Achievers

1. Akash Raju K of VI Sem Civil represented India in Roller Skating event in Inter National Roller Skating Competition held at Beijing, China in the month of December 2016.
2. Keerthana S of II Sem EEE represented India in Water Polo event in Inter National Competition held at Colombo, Sri Lanka in the month of November 2016.

DEPARTMENT OF SPORTS

VTU ACHIEVEMENTS 2016-17

GAME	TOURNAMENTS	POSITION
SWIMMING (MEN & WOMEN)	VTU Single Zone held at GAT, Bangalore on 24th September 2016.	GOLD-1 SILVER- 4 BRONZE-2 MEN TEAM 3rd PLACE WOMEN TEAM 4th PLACE
HOCKEY(MEN)	VTU Bangalore Central Zone held at BMSCE, Bangalore on 30th September 2016 final v/s Dr. AIT	WINNERS
BASKETBALL (MEN)	VTU Bangalore Central Zone held at NHCE, Bangalore on 7th Sept. 2016 v/s BMSCE.	WINNERS
	VTU Inter Zone held at NMIT, Bangalore from 9th to 11th Sept. 2016 v/s NMAMIT, Nitte .	WINNERS
CHESS (WOMEN)	VTU Bangalore Zone held at Vemana I T, Bangalore on 17th & 18th Sept. 2016.	WINNERS
	VTU Inter Zone held at SJMIT, Chitradurga from 23rd to 25th Sept. 2016.	RUNNERS
CHESS (MEN)	VTU BangaloreZone held at Vemana I T, Bangalore on 17th & 18th Sept. 2016.	4th PLACE
	VTU Inter Zone held at SJMIT, Chitradurga from 23rd to 25th Sept. 2016.	3rd PLACE
BADMINTON (WOMEN)	VTU Bangalore CENTRAL Zone held at BMSCE, Bangalore on 21st & 22nd Sept. 2016 final v/s BMSCE.	WINNERS
	VTU Inter Zone held at RYMEC, Bellary from 24th to 26th Sept. 2016 v/s KLECET.	3rd PLACE
BADMINTON (MEN)	VTU Bangalore CENTRAL Zone held at BMSCE, Bangalore on 21st & 22nd Sept. 2016 final v/s BMSCE.	RUNNERS
TABLE TENNIS (MEN)	VTU Bangalore Central Zone held at HKBKCE, Bangalore on 28th Sept. 2016.	WINNERS

DEPARTMENT OF SPORTS

VTU ACHIEVEMENTS 2016-17

GAME	TOURNAMENTS	POSITION
TABLE TENNIS (WOMEN)	VTU Bangalore Central Zone held at HKBKCE, Bangalore on 28th Sept. 2016.	Semifinals
JUDO (MEN)	VTU Single Zone held at VDRIT, Haliyal from 20-22 Oct. 2016.	Judo 60 KG Gold-1 Shreekanth B-VII-ISE
ATHLETIC (MEN & WOMEN)	VTU Inter Collegiate Athletic Meet 2016-17 held at DR.TTIT, KGF from 15th to 18th November 2016.	10000 Mtrs Race (Men) Bronze 4x100 Mtrs Relay (Men) Bronze
HANDBALL (WOMEN)	VTU Bangalore Zone 2017-18 held at GAT Bangalore on 31st March & 1st April 2017.	4th Place
CROSS COUNTRY RACE (MEN & WOMEN)	VTU Inter Collegiate Cross Country Race 2017-18 held at KIT, Tiptur on 4th & 5th 2017.	Akash astkar M VI Sem. Chem Gold Men team - 6th Place Women team - 6th Place
KHO-KHO (MEN)	VTU Bangalore Central Zone 2017-18 held at BMSCE, Bangalore on 6th & 7th April 2017 v/s BMSCE	RUNNERS
	VTU Inter Zone 2017-18 held at SIT, Tumkur on 11th & 12th April 2017 v/s Alva's Mudubidure.	3rd PLACE
BALL BADMINTON (WOMEN)	VTU Bangalore Zone 2017-18 held at RLJIT, D B Pura on 10th April 2017.	RUNNERS

INVITATIONAL INTER COLLEGIATE ACHIEVEMENTS 2016-17

GAME	TOURNAMENTS	POSITION
TABLE TENNIS (MEN)	St. Joseph's College of Commerce Table Tennis Tournament.	RUNNERS
BASKETBALL (MEN)	11th Dr.RIT Memorial Basketball Tournament.	WINNERS
BASKETBALL (MEN)	RVCE "Momentum - 2016 " an Inter Collegiate Sports Fest.	WINNERS
TENNIS (WOMEN)	RVCE "Momentum - 2016 " an Inter Collegiate Sports Fest.	WINNERS
VOLLEYBALL (MEN)	RVCE "Momentum - 2016 " an Inter Collegiate Sports Fest.	RUNNERS
BASKETBALL (MEN)	Invitational Inter Collegiate tournament "MALLESWARAM CUP - 2017" Basketball (Men & Women) tournament-2017 Organized by Bharath Sports Union, Malleswaram from 24th to 29th January 2017 final v/s SJCC.	WINNERS
BASKETBALL (MEN)	Invitational Inter Collegiate "SPEIL - 2017" Basketball tournament-2017 Organized by St. Joseph College of Commerce from 4th to 11th February 2017 final v/s SJCE.	RUNNERS
TABLE TENNIS (MEN)	Karnataka State Olympic Games -2017 From 3rd to 10th February 2017 held Hubli & Dharwad Organized by: Department of Youth Empowerment & Sports, District Administration, Dharwad and Karnataka Olympic Association.	SUSHMITH R B VIII Sem., IEM Men's Doubles - GOLD Men's Singles - SILVER
BADMINTON (MEN)	Karnataka State Olympic Games -2017 From 3rd to 10th February 2017 held Hubli & Dharwad Organized by: Department of Youth Empowerment & Sports, District Administration, Dharwad and Karnataka Olympic Association.	ANIRUDH DESHPANDE II Sem., ML Men's Singles - SILVER
WATER POLO (MEN)	Karnataka State Olympic Games -2017 From 3rd to 10th February 2017 held Hubli & Dharwad Organized by: Department of Youth Empowerment & Sports, District Administration, Dharwad and Karnataka Olympic Association.	AKSHAY S MURTHY VI Sem., MECH MEN BRONZE

INVITATIONAL INTER COLLEGIATE ACHIEVEMENTS 2016-17

GAME	TOURNAMENTS	POSITION
KHO-KHO (MEN)	Karnataka State Olympic Games -2017 From 3rd to 10th February 2017 held Hubli & Dharwad. Organized by: Department of Youth Empowerment & Sports, District Administration, Dharwad and Karnataka Olympic Association.	PRAJWAL K H VI Sem., CIVIL MEN TEAM BRONZE
CHESS (WOMEN)	BMSCE "KREEDOTSAVA 2017" Inter Collegiate tournament held from 3rd to 6th March 2017.	WINNERS
BADMINTON (WOMEN)	BMSCE "KREEDOTSAVA 2017" Inter Collegiate tournament held from 3rd to 6th March 2017 final v/s BMSCE.	WINNERS
TENNIS (MEN)	BMSCE "KREEDOTSAVA 2017" Inter Collegiate tournament held from 3rd to 6th March 2017 final v/s RVCE.	WINNERS
FOOTBALL (MEN)	BMSCE "KREEDOTSAVA 2017" Inter Collegiate tournament held from 3rd to 6th March 2017 final v/s NMIT.	WINNERS
BADMINTON (MEN)	NMIT Inter Collegiate Badminton tournament 2017 held from 9th to 11th March 2017 final v/s Acharya I T.	WINNERS
1st Inter GEF Institutions Athletic Meet	Ramaiah Institute of Technology On 25th March 2017 at RIT Sports Ground.	Men Individual Championship Women Individual Championship Men Team Championship Women Team Championship Overall Team Championship Best March Past Institution 3rd Place

NATIONAL, STATE LEVEL & VTU PLAYERS LIST FOR THE YEAR 2016-17

SL. No.	NAME OF THE STUDENT	SEM	BRANCH	GAME	REPRESENTED FOR
1	AKASH K RAJU	VII	CIVIL	ROLLER SKATING	INDIA
2	KEERTHANA S	I	MECH	WATER POLO	INDIA
3	SACIKA J SATISH	V	B ARCH	WATER POLO	KARNATAKA
4	SUJITH N GOWDA	V	EIE	CRICKET	KARNATAKA U-23
5	SAMARTH PARTHASARATHY	II	MECH	ROWING	KARNATAKA
6	PRIYA PRAKASH	V	B ARCH	BADMIN-TON	V T U
7	ANIRUDH S DESHPANDE	I	M L	BADMIN-TON	V T U
8	SHOUMI MUKHARJEE	III	ISE	CHESS	V T U
9	NISHA N PATKAR	V	ISE	CHESS	V T U
10	GOVIND M PRABHU	VII	ISE	CHESS	V T U
11	PIYUSH TRIVEDI	VII	CIVIL	TENNIS	V T U
12	MEGHANA SREEVATSA	VII	I T	SWIMMING	V T U
13	SETU SNEHIL	VII	CIVIL	SWIMMING	V T U
14	SHREEKANTH B	VII	ISE	JUDO	V T U

OUTGOING CAPTAINS 2016-17

SL. No.	NAME OF THE STUDENT	BRANCH	GAME
1	GOVIND M PRABHU	ISE	CHESS
2	NIVEITHA H R	EIE	CHESS
3	SUSMITH R BARIGIDAD	IEM	TABLE TENNIS
4	MEGHANA SREEVATSA	EIE	SWIMMING
5	ARCHANA B A	E&C	BALL BADMINTON
6	SREEKANTH B	ISE	JUDO & WRESTLING
7	MELVER LOBO	IEM	BASKETBALL
8	SHARATH P	B T	KHO-KHO
9	PIYUSH TRIVEDI	CIVIL	TENNIS & represented BEST PHYSIQUE & CROSS COUNTRY RACE TEAM
10	ANINKYA HARSHA	MECH	FOOTBALL
11	NIHAL GAGAPATHY	MECH	HOCKEY
12	CHINMAYI DESAI	IEM	BADMINTON
13	NIHALV NAYAK	ISE	ATHLETICS
14	KAVYA KURIAN	MECH	ATHLETICS & represented BASKETBALL TEAM
15	ROHIT D HEMMADY	MECH	HANDBALL & represent- ed AHTLETIC TEAM
16	RAGINI GOPI		BASKETBALL & repre- sented NETBALL & HANDBALL TEAM
17	MUTHAMMA M C	B ARCH	HOCKEY & represented ATHLETIC, NETBALL & HANDBALL TEAM
18	PRAKRUTHI	M L	TENNIS & represented CROSS COUNTRY RACE, BALL BADMINTON & CHESS TEAM
19	ADISHREE JAIPRAKASH	E&C	VOLLEYBALL & represented THROWBALL TEAM
20	ARCHANA B A	E&C	BALL BADMINTON
21	APEKSHA B RONAD	B ARCH	ARCHERY
22	SETU SNEHIL	CIVIL	SWIMMING
23	KASHYAP NARAYAN	E&C	BADMINTON
24	SEJAL SANJAY SHANBHAG	B ARCH	THROWBALL & represented VOLLEY- BALL, NETBALL, HOCKEY & HANDBALL TEAM

OUTGOING PLAYERS (Men) 2016-17

SL. No.	NAME OF THE STUDENT	BRANCH	GAME
1	SHREYAS REDDY	MECH	CRICKET
2	CLIFFORD JABAMANI L	E&C	BADMINTON
3	PRAJWAL POONACHA	MECH	HOCKEY
4	ZAHIR AHMED	B.ARCH	HOCKEY
5	HARSHVARDHAN MARU	MECH	HOCKEY
6	SHUBHAM PUJARI	MECH	HOCKEY
7	KARAN PATIRA	MECH	HOCKEY
8	KAMAL KUMAR	MECH	HOCKEY
9	AMAR KUMAR	CHEM	HOCKEY
10	HIMANSHU SINGH	MECH	HOCKEY
11	NICHAL S KANTH	MECH	CRICKET
12	GOVARDHAN R U	B ARCH	SWIMMING
13	KARAN PATIRA	MECH	SOFTBALL
14	PRANAV TIWARI	CIVIL	SOFTBALL
15	MD. RAYYAN H	MECH	SOFTBALL
16	AKASH HEGDE	CHEM	BASKETBALL
17	VINAY I D	E&C	CROSS COUNTRY RACE
18	SOUMAJIT SAHA	CIVIL	FOOTBALL
19	GANESH PRABHU	CHEM	HANDBALL
20	SAHAN H V	CSE	FOOTBALL
21	VINEET BHOJWANI	M L	HANDBALL
22	SOURABH	ISE	HANDBALL
23	SAMPATT ANIKIVI	E&C	HANDBALL & KABADDI
24	VARUN N	B T	KHO-KHO
25	D C CHETAN	E&C	KHO-KHO
26	SUMANTH P	ISE	WRESTLING & JUDO
27	AKSHAY KUMAR S ADAKE	MECH	KHO-KHO, ATHLETIC & CROSS COUNTRY
28	JAISIMHA VARMA	MECH	TENNIS & CROSS COUNTRY RACE
29	ARUN KUMAR SOAM	CIVIL	HANDBALL
30	CHANDRASHEKARA K M	E&C	HANDBALL
31	NIKHIL A G	MECH	HANDBALL
32	JAGADEESHWARAN R	E&C	CHESS
33	REN CHETAN LEEMA	MBA	VOLLEYBALL
34	DARSHAN B KOKARE	M Tech (E&C)	VOLLEYBALL
35	KUSHAL GOWDA	MBA	VOLLEYBALL
36	DANUSH	M Tech. E&C	KHO-KHO
37	SRUJAN A S	E&C	KHO-KHO

OUTGOING PLAYERS (Women) 2016-17

SL. No.	NAME OF THE STUDENT	BRANCH	GAME
1	SHRUTHI PATIL	I T	CHESS
2	AHALYA MANDAN	EEE	BASKETBALL & ATHLETIC
3	SHANMUGA PRIYA G	M L	THROWBALL, VOLLEYBALL, BALL BAD- MINTON & HANDBALL
4	VANDANA RAMESH	CSE	THROWBALL
5	GULABI MANDAL	E&C	ATHLETIC & BALL BAD- MINTON
6	SHRUTHI H P	EIE	VOLLEYBALL
7	SAMVRUDHI V	ISE	VOLLEYBALL & HOCKEY
8	ARCHANA PRABHAKAR	E&C	VOLLEYBALL
9	THRESSIA PUAL KATTOOKARAL	B ARCH	HOCKEY
10	MOHISHA JHON	M L	HOCKEY
11	PRIYANKA MARUPUDI	B ARCH	HOCKEY
12	SINDHU M	B ARCH	HOCKEY
13	BHUVANA NANAIAH	B ARCH	HOCKEY
14	ANUSHA SARAFF	B ARCH	HOCKEY
15	DAKSHATHA A B	B ARCH	HOCKEY
16	CRISYL FERRAO	B ARCH	HOCKEY
17	JOEWIL SHAMALILA	B T	HOCKEY
18	AISHWARYA H	ISE	TENNIS
19	NAMRATHA V M	E&C	BALL BADMINTON & HANDBALL
20	SMERA ROSE JACOB	B ARCH	NETBALL
21	AVANTIKA SRIVASTAVA	B ARCH	NETBALL & BALL BADMINTON
22	SRINIDHI R GANIGA	E&C	CHESS

19th Dr. M.S. Ramaiah Memorial Cricket Tournament -2016



Inauguration of the 19th Dr. M.S. Ramaiah Memorial Cricket Tournament held from 13th to 23rd September 2016 at IISc ground.



Group Photo of Inaugural Match Teams

19th Dr. M.S. Ramaiah Memorial Cricket Tournament Action Photos





Inauguration of 11th Dr. M.S. Ramaiah Memorial Inter Collegiate Basketball Men & Women Tournament, held from 18th to 20th October 2016 in College Basketball Court.



Team introduction by Dr. N.V.R Naidu, Principal, RIT.

11th Dr. M.S. Ramaiah Memorial Basket Ball Tournament Action Photos



KEY ACTIVITIES OF THE DEPARTMENT



Independence Day Celebration 2016



Republic Day Celebration 2017

46th Annual Athletic Meet at RIT Sports Ground on 5th Nov 2016



ANNUAL ATHLETIC MEET 2016 - 2017



ANNUAL ATHLETIC MEET 2016 - 2017



46th ANNUAL ATHLETIC MEET CHAMPIONS



Women Individual Champion - Ms. Kavya Kurian of VIII Sem Mechanical Engineering



Men Individual Champion - Mr. Akash Astkar of VI Chemical Engineering

ORGANIZED 1st INTER GEF INSTITUTIONS ATHLETIC MEET ON 25th MARCH 2017





Ms. Kavya Kurian of VIII Sem Mech secured Women Individual Championship Trophy



Mr. Sushil Kumar of VI Sem Mech and Sourabh of VI Sem IEM shared the Men Individual Championship Trophy



RIT Athletic Team Secured Men Team Championship Trophy, Women Team Championship Trophy and Overall Championship Trophy in the Athletic Meet

COLLEGE TEAM ACHIEVEMENTS PHOTOS



College Football Team Winners in BMSCE
"Kreedotsava"



College Tennis Team Winners in BMSCE
"Kreedotsava"



Hockey Team Secured Runners Trophy in VTU
Bangalore Central Zone Tournament 2016



Chess Women Team Secured Winners Tro-
phy in VTU Bangalore Zone Tournament
and Runners in Inter Zone Tournament 2016



Table Tennis Men Team Secured Winners Tro-
phy in VTU Bangalore Central Zone Tournament
2016



Basketball Men Team Secured Winners
Trophy in Bangalore Central Zone & Inter
Zone Tournament, Winners in RVCE "MO-
MENTUM-16" Inter Collegiate Tournament,
"Malleswaram Cup" Inter Collegiate Tour-
nament and Runners in "SPIEL - 2017"
St. Joseph's College Tournament 2017.



Badminton Women
Team Secured Win-
ners Trophy in VTU
Bangalore Central
Zone Tournament
and Second Run-
ner up in Inter Zone
Tournament 2016

NATIONAL SERVICE SCHEME

In the words of Sister Mary Rose McGeady, "There is no greater joy or greater reward than to make a fundamental difference in someone's life."

The essence of the eloquent words quoted above has been the guiding force for the NSS RIT team. The NSS foundation was introduced in the college in 1999 and its main aim is to promote national consciousness and a sense of social responsibility, discipline and dignity of labour and to help students develop their personality. Accordingly, every year various activities are being conducted for the betterment of the society. Blood Donation Camp, Skill Development, Special Camp are some of the events conducted. Skill Development involves teaching the under privileged students Basic computers and English. The Special camp is conducted for a period of one month comprising of a number of events and noble initiatives in addition to other programmes which are held during its course.

For the academic year 2016-17, the Special camp was preceded by the Pre-camp which commenced on the 8th of July. The major activity witnessed during the pre-camp involved the making of new books from used ones which were discarded. The used bluebooks were collected from different departments and the unused pages were separated and bound into new books. The activities in the pre-camp were spread across a period of two weeks and the 10,000 new books which came into existence from old ones stand testimony to the sincere and laborious efforts of the 150 members of the camp. These books were distributed to needy students pursuing their studies in the schools that the volunteers visited.



Also, an E-waste collection drive was organised wherein the volunteers headed to different parts of the city in order to gather the electronic wastes from industries and houses. The prime motive of this programme was to create awareness about the importance of disposing electronic wastes in the appropriate manner. At the end of the event, a voluminous amount of waste was generated which was subsequently recycled thereby eliminating environmental damage due to improper disposal and also ensuring optimum utilisation of resources.

Apart from this, a plantation drive was organised and 100 saplings were planted as a part of the drive. The volunteers of NSS along with the members of the NGO, DNA Life went to a village called Kannamangala and gave away 2 saplings to every member of the village and encouraged and enlightened them about the importance of afforestation.

The pre camp was followed by the Special camp which started on 25th of July. The initial activity of the camp was the Slum Visit. The underlying motive of this visit was to educate people about the importance of cleanliness, hygiene and sanitation. The members explained to the residents in detail about the importance of preserving water in a clean manner, the importance of staying clean, etc. and also the consequences of doing the same. The residents were enlightened about the importance of education and were strongly advised to send their wards to schools.



The second activity of the Special camp involved the volunteers teaching in different schools. The team has went to a total of 8 schools where they taught different subjects like Basic Mathematics and Spoken English among others.

One among them was the blind school where a total of 11 volunteers taught 45 kids for a period of two weeks. The visit mostly involved interaction with the students by means of fun events and teaching them spoken English. The volunteers not only taught them but also got the opportunity to learn the spirit of optimism from the kids there. In addition to academics, extra curriculars such as dance, theatre, origami etc were also taught to the kids. Various competitions for painting and drawing were conducted in different schools during the camp.

Dental and eye check ups were conducted in all the schools and a general medical check up was conducted in the slum.

During the further course of the Special Camp, a sports day was organized on 4th August for the students from different schools. The sports day comprised of events such as Cricket, Long jump, Kabbadi, Kho-Kho, etc. The deserving students were awarded with certificates and medals on the same day.

Among the other events, emission test was conducted on 3rd August in the college campus as part of the Special camp.

Also, a Spot Fix Drive was conducted on 2nd August around the college campus as a part of the cleanliness drive. The motive of this drive was to convey to the public about the importance of maintaining our surroundings clean. A cleanliness drive was also conducted in the Govt. PU college, 18th cross Malleswaram.

As part of the inauguration ceremony, free medical check ups were conducted all day long for the general public around Netaji Circle, Mathikere.

The international yoga day was celebrated in college on 21st June, 2016. The event was graced by Mr.B P Harichandra from the Mechanical Department who elucidated us about the importance of yoga. This was followed by a session conducted by Shri. Sreenivas Sir from the Chemical Department who taught us different aasanas and their importance. The motive of this event was to spread awareness about the importance of yoga and its benefits.



The third event for the academic year 2016 was the orphanage visit which happened on the 18th of September. The members of NSS were segregated into teams and all the teams visited different orphanages and old age homes with the motive of making someone happy. The children and seniors were very warm and welcoming and had a great time with the volunteers. By the end of the day, the NSS team felt a great sense of satisfaction and happiness and expressed their desire to visit the orphanages again.



The NSS fest was the next event in the college which was conducted on 27th and 28th of September. In order to foster feelings of friendship between various team members and in the process do something useful, various events were conducted for the members. The fest started off with a paper bag making competition where the teams had to make the best and most number of bags efficiently in the allotted time. The next event was the 'waste segregation' event where chits containing the types of wastes were given and one person from every team was blindfolded, who was to be guided vocally to the right box. The aim of this event was to create awareness about the importance of waste segregation.

Following this was the popular game 'Dumb Charades' where 11 groups enthusiastically played their way to the lucky draw. 'Best out of waste' provided a platform of showcasing the creativity and synchronization as a group, where in teams had to make the best out of the non-hazardous waste provided to them.



On 28th of September, a talk was organized on Traffic Rules and Road Safety. The talk was delivered by Ms.Omkareshwari, deputy commissioner of traffic, RTO, Yeshwanthpur Division, Bangalore. She was accompanied by Mr.Raghavendra, Police Commissioner.

The deputy commissioner, who has profound experience, elucidated us about various topics including the procedure to apply for a driver's license, the rules for allotting numbers to different class of vehicles, and the major duties of the Regional Transport Office. She then enlightened the students about the importance of public transport and encouraged them to utilize the same. She highlighted the negative impacts from the pollution caused by vehicular movements and described in detail about the importance of Emission Testing.



This was followed by a brief and efficient speech by Mr. Raghavendra. As a person who experiences the harsh realities of the world, he advised the students against drunken driving. He explained the different kinds of signs and signals displayed on roads and highways and also enlightened the importance of safe driving. He stressed the need to wear a helmet while driving and also encouraged pillion riders to do the same. He enlightened about the different traffic management systems used across the world to control traffic. In addition, he highlighted the importance of carrying the necessary documents required while driving and also elucidated about the insurance norms.



The 19th Blood Donation Camp on the 2nd of December 2016 in memory of their Founder Chairman Dr.M.S.Ramaiah. The event was graced by Dr.ShivaRajkumar, a renowned actor in the Kannada film industry, Dr.M.R.Seetharam, Minister for planning, statistics, Science and Technology and Dr. K Gayathri Reddy, VTU Officer. The number of people who donated blood stand testimony to the overwhelming response received from the public. 1221 units of blood was collected at the end of the day. 16 blood banks helped in making the event a grand success.



On the 12th of January, National Youth Day was celebrated at the college campus. Dr. NVR Naidu, our beloved Principal, graced the occasion as the Chief Guest and spoke about the greatness of Swami Vivekananda. He encouraged the students to pursue their dreams with utmost sincerity and undying passion.

DR. M. S. RAMAIAH MEMORIAL LECTURE

Dr. M. S. Ramaiah Memorial Lecture was delivered by **Bharat Ratna Prof. C.N.R. Rao, F.R.S.** National Research Professor and Honorary President & Linus Pauling Research Professor, Jawaharlal Nehru Centre for Advanced Scientific Research.

The function was presided by Dr. M R Jayaram, Honourable chairman, (GEF), Sri. M R Ramaiah, Honourable Secretary (GEF), Sri. S M Acharya, Chief Executive, GEF, Dr. N V R Naidu, Principal RIT, Dr. T V Suresh Kumar, Registrar (Academic) and Sri. G. Ramchandra, Chief Finance Officer.

Dr. N V R Naidu, Principal RIT welcomed the gathering and introduced the chief guest to the audience.

The Chief Guest, Bharat Ratna Prof. C. N. R. Rao, F.R.S. delivered the M.S.Ramaiah Memorial lecture. He started his lecture paying tribute to the visionary educationist Dr.M.S.Ramaiah. In his lecture he advised the young talents to concentrate on the real burning problems faced by the society and work hard to solve the same. Further he motivated the students by quoting many examples, life stories and achievements of many eminent scientists such as J. C. Bose, Ramanujam, C V Raman, Michael Faraday, Einstein, Maxwell and many more scientists. He also compared the rapid development of China, Korea and Japan with India. He advised youngsters to be more determined, hard working, generous and imbibe the spirit, culture and attitude of great persons. He also encouraged the students and work in India so that and contribute to the society so that India will be one of the top leading nation. He motivated all the audience by setting beautiful examples from his rich experience in the field of science and engineering. Finally, he requested youngsters to contribute to the science and technology and make Bangalore free from air pollution. Finally he wished all the youngsters to work hard together in solving problems in India and making India one of the leading nation in world. Later he was felicitated by the dignitaries.

Dr. M. R. Jayaram, Honourable chairman, GEF in his presidential address told that whole India is proud of Prof. Dr. C.N.R. Rao's achievements in the field of science and research and the lecture delivered is more relevant to the younger generation. He also quoted few motivating examples from Mahabharata setting an inspiration in the youngsters and also advised all the young engineers to follow the great scientists advice in making India proud and work together for better tomorrow. Finally Dr. T V Suresh Kumar, Registrar (Academic) concluded the Memorial lecture by proposing vote of Thanks.

DEPARTMENT OF EXTRA CURRICULAR ACTIVITIES

ANNUAL REPORT FOR THE EXTRA-CURRICULAR ACTIVITIES CONDUCTED BY DECA FOR THE PERIOD 2016-17

The annual cultural extravaganza of RIT, that has come to be known as Udbhav, continues to grow in size and magnitude, this year it was scheduled to be held between the 30th of March and 1st of April, 2016.

Udbhav being a melting pot of culture, draws the talent of youth from across the state, showcasing the colossal talents that lay dormant in them. Spanning over 3 days, this fest not only provides a platform to its own students but also to various young aspirants across the state. The events are categorized into intercollege and intracollege to create an atmosphere of maximum exposure to the students.

Each year, we host 27 intracollege and 30 intercollege events, which enable students to showcase their talents in the fields of art, music, literature, dance and theatre amongst many others. It incentivizes and encourages them to do so by giving away various prizes and rewards. To create an atmosphere that is not only conducive to bringing out hidden talents, but also to create a sense of youthful exuberance, the fest carries various themes, this year's being "#16, Circus Street" To bolster our efforts in facilitating the metamorphosis of students from promising aspirants to future leaders, the RIT Management has been thoroughly supportive and has helped us monumentally in transforming Udbhav into what it is today.

Also various companies have come forth and endowed us financially and some in kind. This year, our title sponsor, Bengaluru Football Club (BFC) has rejuvenated the culture of football in India. Yokohama, Bhagirath Constructions and Cognizant, being our associate partners, have also greatly helped us in bringing this fest to life. TVS, Radio Indigo, CreatHives, Hello Buddy, Karnataka Bank, Biriyani Night out (BNO), Blue

Frog, Axis Bank, Zebronics and Vijaya Bank have also contributed significantly in making this fest a success.

This fest has created a niche for itself in the hearts of student, and we hope that it continues to do so along with the ever enduring support from college management.



16th ANNUAL VTU YOUTH FESTIVAL (7th 10th MAY 2016)

Every year, VTU organizes one of the most widely participated cultural extravaganzas in Karnataka, at different host colleges affiliated to the university. This year, VTU fest was held in Moodabidri, at Alva's Institute of Engineering and Technology. RIT was represented at the fest by a selected contingent of 38 talented students.

At the festival, there were five categories of competitive events, namely, Dance, Music, Fine Arts, Literary and Theater, under which there were several events like “Western Group Music”, “Indian Group Music”, “One Act Play”, “Skit”, “Mime”, “Elocution”, “Debate”, “Cartooning”, “Clay Modeling” etc. We participated in 23 events out of 25 events, making our contingent one of the most diverse contingent at the fest.

It is worth noting that the RIT contingent put up some of the most iconic performances at the fest. Our One Act Play “Manjha” was one of the most critically acclaimed play and received standing ovation during the event. Additionally, our performances by Indian Group Music and Western Group Music teams, which also won in their respective categories, were some of the most well-received performances as made evident by resounding rounds of applause our teams received. While none of this would have been possible without the collective commitment shown by the contingent, it is important to thank two people- Dr. K.R. Phaneesh and Mr. Sanjay H.S. -our faculty coordinators who showed exemplary dedication towards the cause of winning this festival. The encouragement and support that we received from them has been a vital factor in catalyzing the success of the RIT contingent at the fest.



TEDx-RIT (September 17, 2016)

Stories of passions pursued, off-beat performances and standing ovations characterised the fifth

edition of TEDx at MS Ramaiah Institute of Technology (RIT) on Saturday. Over a hundred people attended the event for which DH was the print media partner. The talks kicked off with an energetic performance by fusion band Hamsadhwani. Every speaker had an insight to offer to the audience. Sinu Joseph, a menstrual hygiene counsellor, showed that rural women have fewer instances of menstrual problems like dysmenorrhoea and their understanding of the natural process is far better than that of urban women. Naresh Narasimhan, an architect, discussed the issue which unites every Bengalurean – traffic. He presented surprising facts that the city has one vehicle for every two people and that the BMTC buses form only 0.1% of the total traffic on the road but cater to 50% of all trips made. Public taxis and quadrupling the number of BMTC buses were the suggestions he made to solve the issue.

Shoutout- The Intra-collegiate Theatre Fest (20th -22nd October 2016).

ShoutOut has always been the most coveted event during an odd semester. ShoutOut 9.0 was no less, as it was organized, publicized and executed to perfection. This edition of ShoutOut was held on the 20th, 21st and 22nd of October 2016. The performances by the members of Chiranga- The Kannada Theatre Society and Theatrix - The RIT Theatre Society were appreciated by a houseful audience on all 3 days. The event showcased 33 Skits, 18 One Acts and 10 Short Movies and 4 Short Ads which left the judges amazed with the young talent present in our college. At the end of each day, the judges provided their valuable insights on every performance and feedback, which was well received by every performer. With the success of the event, the next year’s edition of ShoutOut is expected to raise the bar to a whole new level.

Kannada Rajyotsava (14th - 16th November 2016)

Kannada Rajyotsava has always been the most celebrated event during odd semester. Kannada Rajyotsava 2016 was no less, as it was organized, publicized and executed to perfection. This edition of Kannada Rajyotsava was held on 14th, 15th, 16th of November 2016. The events conducted during these three days were well received and appreciated by the college faculty and students. The event was flagged off by a music performance by our own Music team which was presided by principal.



17th Annual VTU Youth Festival "Yuva Kalanjali" - RIT Crowned The Champions

Every year, VTU organizes one of the most widely participated cultural extravaganza in Karnataka, at different host colleges affiliated to the university. This year, VTU fest was held from March 16th to March 19th at Sir. MVIT, Bangalore. RIT was represented at the fest by a selected contingent of 38 talented students, under the guidance of Dr. K.R. Phaneesh and Mr. Sanjay H.S. of the Department of Extra-Curricular Activities. With the encouragement from the college administration and faculty, the contingent was able to participate in the fest without any major hassle or letdown.

At the festival, there were five categories of competitive events, namely, Dance, Music, Fine Arts, Literary and Theater, under which there were several events like "Western Group Music", "Indian Group Music", "One Act Play", "Skit", "Mime", "Elocution", "Debate", "Cartooning", "Clay Modeling" etc. We participated in 23 events out of 25 events, making our contingent one of the most diverse contingent at the fest.

We began our winning streak on day one itself, and it became evident by day two; as we were positioned favorably in top three in events like Classical Instrumental Solo, On the Spot Painting, Western Group Music etc. With enough points in our bag we were already near the top spot and we solidified our lead with spectacular performances on day three, especially in Indian Group Music, Poster Making and Mime. On day

four our rousing performance in Installation, Quiz and Western Vocal Solo etc. brought us laurels and appreciation from everyone. Finally, at the end of the fest which lasted four days, saw participation from over one hundred colleges,

our cumulative score which has incidentally also been our highest ever, placed us FIRST amongst all participating institutions which is the second time in 3 years.



REPORT ON 2017 IEEE- “WOMEN IN ENGINEERING EMPOWERING INNOVATION AND LEADERSHIP QUALITIES”

Ramaiah Institute of Technology celebrates the International Women 's Day with élan. The year 2016 marked the inauguration of Women in Engineering (WiE) IEEE affinity group at MSRIT. Continuing the tradition, a two day symposium with the theme of Empowering Innovation and Leadership qualities in Women was conducted on 8th and 9th March 2017 at Ramaiah Institute of Technology.

The two day symposium saw women leaders from Science and Technology share their experiences and success stories. The Symposium was inaugurated by Ms. Geetha Kannan, Managing Director, Anita Borg Institute, along with Chief Executive Sri. S M Acharya, Principal Dr. N V R Naidu and Registrar Academic Dr. T V Suresh Kumar, Chief Finance Officer Sri. Ramchandra, Dr. Premila Manohar, HoD, Electronic and Instrumentation, Ramaiah Institute of Technology .

The Principal Dr. NVR Naidu in his address emphasized how from mere 2% women faculty in the year 1982, Ramaiah Institute of Technology in the year 2017 has more than 37% girls as students, a little more than 40% of the staff are women and about 7 Department out of the total 19 are headed by women. Ramaiah is an equal opportunity employer, who supports the women faculty and its girl students to achieve greater heights.

Dr. Geetha Kannan in her key note address spoke on “Leadership Powers Innovation: Women in Technology Driving the Innovation Our World Needs” to a packed audience. The first day also saw speakers from various walks of life who achieved success despite all odds. We had Ms. Nalini Shekar, Co-founder of Hasiru Dala who spoke on Journey of empowerment Moving Waste pickers to Waste managers followed by Dr. Jharna Majumdar, Dean R & D, Prof. and Head-CSE (PG) Nitte Meenakshi Institute of Technology, who spoke on the role of women in Science and

Technology. The post lunch sessions saw the likes of Smt. Pramodha Hegde, Mission Director, On-Orbit Satellites, ISRO who shared her experiences on how ISRO is an Example for Leadership and Empowering Innovation, Dr. Premila Manohar, HoD, E & I Department, R.I.T, encouraged all budding engineers with her talk on Empowering Innovation & Leadership Qualities, Geetha Chandrashekar, Web-security Domain Expert, Symatec Bangalore Chapter, spoke on “From Campus to Corporate: Leadership Ladder”. Sports can also be a career option and this was emphasized by Ms. TimTim Sharma, Co-founder & CMO of Protons Sports & Fitness Pvt Ltd in her address. Following this, there was an informative talk on Innovation in waste segregation and home composting by Dr. Sandhya, Medical Officer, Health, BBMP. The post lunch sessions were chaired by Dr. Geetha Chandrashekar.

The second Day we were fortunate to have Dr Vasant Kumari Group director-Spacecraft Checkout Group, ISRO, Bangalore who shared her experiences in Women's Contributions in ISRO's Innovation. Following this was a highly interactive and inspirational talk by Mr. Ramani Venkat, NLP Trainer, Motivational Speaker, Sales and Strategies Consultant on Identifying the Super-hero in U. Ms. Radhika Radhakrishnan, an alumnus of MSRIT spoke on “Whose Lie Is It Anyway?”

The two day Symposium also saw several competitions for students like Technofrenzy, Idea Presentations, Scientific Superhero, Electronic Scramble, Debate and Waste Management. The symposium ended with grand cultural event followed by the distribution of prizes. The International Womens Day was celebrated with true essence of nurturing and empowering women in Innovation and Leadership Qualities in Ramaiah Institute of Technology.



DURING IEEE SYMPOSIUM ON WOMEN IN ENGINEERING 2017



DURING IEEE SYMPOSIUM ON WOMEN IN ENGINEERING 2017

PLACEMENT REPORT

RECESSION PROOF

340 COMPANIES.....1551

OFFERS...28 LPA-The highest

CTC

Creating a record and breaking our own record.

The Placement season turned out to be a resounding success with participation from top-notch companies from various sectors.

Within no time the high-end companies picked our seventh semester students.

Recruiters were extremely satisfied and happy with the quality of students and the way the placement process was conducted.

Besides, Placement dept has maintained a sound industry-institute interface, which convinced corporate to look to our campus for recruitment.

Placements for the batch of 2017 was a super success and confirmed the growing faith and interest the industry has on RIT and its students.

Biggies from the various sectors such as LinkedIn, Google, Amazon, SAP, Oracle, Goldman Sachs, Directi, Flipkart and so on made their presence felt by selecting the candidates in significant numbers.

Trainings

We impart training (soft skills training and hard skills training) to students, from experts from industry from their training division throughout the year, so that they become competent and motivated engineers and scientists.

Our Major Recruiters

MuSigma, L&T Infotech, Akamai, Bristlecone, Skanray Health Care, SAP Labs, Mahindra, J.P.Morghana, Unisys, Capgemini, L&T Construction, Hindustan Unilever Ltd, ABB, Bosch, Volvo, Commvault, Sapient Nitro, Aricent, Aptean, Expicent, Google, HP, Oracle,

Tesco, Ernst & young, Societe Generale, Juniper Networks, Caterpillar, Aryaka, Genpact, Infotech Enterprises, Atkins, Avtec, Tractors India, Moonraft Innovation Labs, LangdonSeah,

Century link, Inmobi, National Instruments, Bally Technologies, L&T - Integrated Engineering Services, Morgan Stanley, Icreate, Yodlee, Kone Elevator India Pvt Ltd,

TD Power Systems Ltd, Obopay, AIG Analytics, AVAYA, Textron, Book My Show, Aatria Power, Target, Vtiger, Grail Research, TechAspect solutions, Sika Interplant Systems Limited, Lam Research, Parker Hannifin India Pvt. Ltd, FICO, Sobha Developers, MCF,

L&T Technology Services, JSW Steel, Lakshmikumaran & Sridharan, Abeyti technologies, Brigade Group, Symphony Teleca, Tata Teleservices, Health Asyst, Adobe, Samsung, TE Connectivity, Toyota-Kirloskar, Ansys, Systemantics, Artha and so on.

International placements from

1. Khimji Ramdas from Muscat, Oman
2. EAMCO, Bahrain
3. EMRILL, Dubai

46 startup companies on campus for recruitment drive & nearly 87 companies are first time visitors

Engagement Activities

Technical quiz, hackathon, guest lectures, IWD(International Women's Day), Girls in Technology, Code for Good, Epic Code'15 and so on are the other activities conducted.

Diversity Recruitment Drives

Recruitment drives were conducted specially for women candidates by the below mentioned companies:

- 1) Intuit
- 2) Ashok Leyland
- 3) Adobe
- 4) IBM-ISL
- 5) SAP Labs

Campus Placements for the Batch 2018 is Started.



Officials from Shell India with Training & Placement Officer



Interaction Session with CEO of Only Group Healthcare



International Women's Day organized by Accenture at RIT. Placement Officer with Ms. Karina Gan, Managing Director, Accenture.

International Placements by EMRILL, United Arab Emirates - Photos of students selected



**Mr. Siddharth Bhatt
USN : 1MS13EC108**



**Mr. Suhas S
USN : 1MS13IM055**



**Mr. Nikhil S Pundir
USN : 1MS12CV050**



**Mr. Siddharth K R
USN : 1MS13ME171**

International Placements by EMRILL, United Arab Emirates- Photos of Students Selected

Mr. Abhiram Bharadwaj
USN : 1MS12CV070



Ms. Varshitha M
USN : 11MS14EC421



Mr. Rishabh Jain
USN : 1MS13CV402



Mr. Saqib Ali
USN : 1MS13ME160



Mr. Sanju Shrestha
USN : 1MS13EC100

A Slave's Dream



Aishwarya Muralidhar

USN : 1MS13IS136

Semester : VIII

"Technology is a useful servant but a dangerous master" – Christian Lous Lange. In

other words, the problem lies not in using technology but living it. Veritably, we live in an era of smart phones and stupid people.

Rewind to a decade ago. What do you see? A picturesque imagery of a world with a personality, not a robot in the hands of technology.

The 90's kids like myself experienced a paradigm shift. Ten years ago, coming home from school meant hours of play no matter sun or rain, with a Hindu or a Muslim. Back then I was unable to elude the feeling the abrasions and soiled clothes gave me but today as an adult, I have realized it was the voice of freedom. Bruises may have made us bemoan but they also made us feel heroic. Wounds scarred our skin not our spirit. We found friendship in real humans unlike kids of today with their pen pals and whatnot.

At the age of ten, we watched Pokemon not Michelle Phan tutorials on YouTube. We played Uno and Ludo not PS4. We would sail paper boats in the rain, not update our Facebook status. We competed against each other at running races not by the number of likes we got on a selfie. We drank sugarcane juice not Vodka. We got high on the smell of books, not on Cocaine. We took photos of locales we visited, not of ourselves making duck faces. We wrote letters to our loved ones, not emails. We would visit our loved ones, not FaceTime them. We did our homework by

giving the questions a thought or by seeking answers from books or knowledgeable people, not by a mouse click on Wiki. We would store our photographs in albums to look at them over a hot cup of coffee at family reunions, not post them on Instagram or Snapchat to be showered with likes. We shared a secret with our best friend during class by writing it on a chit, not by pinging her on WhatsApp. We penned our thoughts and opinions to engage in healthy intelligent debates, not tweet about them to attract attention. We shopped with our family, not on Flipkart. We used stones to play Lagori, not to attack a fellow citizen we didn't get along with.

I am a Juggernaut when it comes to pitting the present against the past so brace yourself. Technology hasn't spared relationships either. Battling the long distance struggle has been simplified, agreed. But let us take a look at the less talked about downside, the third woman, as I call it given its role. With smart phones offering built-in 4G and whatnot, we are available to reach round the clock. We no longer wait for days on end to hear a beloved's voice. Like it or not, there begins the infamous event of taking one for granted. For instance, with the Last Seen and Blue tick options on WhatsApp, it is easy to keep a tab on one's activity. This constant need to be attended to, subsequently causes rifts in equations both romantic and platonic. Also, tone does not translate over text and thus factors in miscommunication often leading to tiffs blowing out of proportion.

Next under the radar is another malevolent side of technology, Time Travel. Here we are traveling forwards, Dear Readers. A bed post a long day at college/work, engrossed in juggling between the myriad Apps on our SmartPhone, hours go by without our notice and this cycle repeats, day after day. Time Travel is persistent, she does not let go that easy. When was the last time we had a casual conversation with our family? For many years our parents knocked on our bedroom doors eagerly trying to initiate conversation but one too many times we made them feel unimportant because we were too busy in our virtual world.

More often than not, we are seen striking a conversation with our parents when we want two things – money and permission to go out with our friends. When was the last time we had a meal with our family? When Netflix wasn't of primacy. As it is, most of us abandon our parents to go pursue our careers abroad. Does it seem fair to neglect them during the few years we spend under their roofs? We fail to spend their final years with them, let us be human enough to give them worthy memories, at the least. Your cell phone has already replaced your calendar, alarm, camera but don't let it replace your family.

When was the last time we indulged in a sport? No, the xbox does not count. We are headed for decimation in terms of health, medical reports suggest, or rather scream. Cases of heart attacks are increasing alarmingly, no surprises there given we sit glued to our couches gorging on fatty food.

Technology gives us a transient outlook to life. Amidst this haze, think before you speak is now Google before you post. Before it's too late, let us stop smiling at bathroom mirrors and phones and start smiling at people.

The One



Aasia Afreen

USN : 1MS14CS002

Semester: - 6th

Department : Computer Science and Engineering

One look that's all it took for him to know it was for real;

she was the one he craved for and it felt so surreal.

Though he wouldn't deny there were many who were better,

but when he saw her smiling at him, his heart would flutter.

She was the one they said, who made him smile; through thick and thin, ups and downs all the while.

She was the one who held his hand and pulled him through,

and there were none who witnessed him grow, except a few.

There were many who spoke, unabashed and bold their voices soared;

little did they know, all that slander drowned in the rain that poured.

He would fight for her, and squash any danger in disguise,

for it was her smile he loved, which promptly lit up his eyes.

He wondered if their journey would last until the very end,

it always has and always will, she happily proclaimed!

Once again, he was certain she was the one, whilst she inevitably knew he was her only one.

The Incumbent Hysteria



Vishwajit S

USN : 1MS14EC132

Semester : - 6th

Department: - Electronics and Communication

"Men have called me mad; but the question is not yet settled, whether madness is or is not the loftiest intelligence- whether much that is glorious- whether all that is profound- does not spring from disease of thought- from moods of mind exalted at the expense of the general intellect."—Edgar Allen Poe

Human's have been fascinated by 'nous' meaning awareness or intelligence for all eternity. Nous, a quotidian element in the works of the greatest philosophers and thinkers has remarkably shaped the world we live in, it remains an unacknowledged cause behind most important and inevitable attributes of the modern society.

The works of great minds have bequeathed the world with a sustainable understanding of the astounding human ability to think and reason. Ancient theological thinkers justify the supremacy of human thought and associated the existence of nous with sanctitude and purported it's dearth in a creature as inferior, lacking an intrinsic value that only the special one with a connection to god possessed. Thereby engendering a sense of worth and purpose. This rather hapless association of intelligence with a form of superiority and dignity has evolved and has played a causal role in generalization of human capabilities over the centuries in the society. Rene Descartes went to the extents of claiming nature as mindless and devoid of intrinsic values which legitimated the guilt free oppression of other creatures. With the advent of methods to quantify intelligence, a greater disparity was engendered among humans on the basis of intelligence.

The inquisitive nature of human mind has helped reason and understand how various greatly complex and significant elements in the universe work but the scope, source, purpose and nature of the human intelligence and consciousness remain undiscovered. Although, we are a part of a world that was once largely steeped in mysticism and mythology, mankind has evolved but the zeitgeist is well and alive in the dusky tomes the greatest minds have left us with.

Therefore the reason for the paranoia is well justified, with the emergence highly effective and efficient AI technology providing machines the ability to make rational decisions simulates the ability of thought characterizing human like intelligence to a great extent. The superiority that we believed we humans possessed only seems to taper off, which many believe portrays an insecure vexatious dystopian future with a powerful network of super-intelligent AI dominating the universe. This is not an inevitable outcome of the human's quest to solving intelligence but rather a sense of impending doom due to the disappearance of what may have been ostensibly a promising and comfortable eternal norm. Nevertheless, the human mind's curiosity is guarded from worries akin to the latter.

If history is any indicator, we shall not put to rest our relentless souls but perpetuate this pioneering venture that we dawned upon until that day comes, the day we solve intelligence, the day when intelligent agents will walk with us and look into our gleaming hopeful eyes and understand.

Affair with Orange and Black



Arjun Kramadhathi

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Semester : 6th

Department : Mechanical Engineering

I have seen this picture a thousand times and I have fallen in love a thousand times over.

As far as the horizons of my rustic memory stretches, I remember being in love with wildlife. My recent trip to Bandipur Tiger Reserve has only severely augmented my infatuation with the green side of this grey world. I remember my first thought as we entered the gorgeous national park. I remember thinking to myself of how unproductive it was to expect sighting a tiger in that wilderness. To come across a tiger on a safari in Bandipur is something very rare. "Coming across a tiger in Bandipur" probably does more than enough justice to the phrase "Once in a blue moon" than any other.

We headed out on our maiden safari of the first day in Bandipur at 3:30 pm on August the 6th of 2015. At this point I had suppressed all of the last remaining bits of rebellious expectations of spotting a tiger. We spotted lots of animals in very quick succession. We saw the mighty Indian Gaur tranquilly grazing with its young boisterous calf. We saw a Sambhar deer precariously looking hither and thither for any signs of danger. We saw the curious but clever langoor monkeys along with the ever alert Cheetal deer. We saw the colorful but shy peacocks. We saw the lords of the jungle, the herculean Indian Elephants minding their own business. I remember feeling a sense of tranquility that pulsed through my body. Tranquility of being in one with Mother Nature. As the first safari came to an end, I was more than just satisfied. I had a big and uncontrollable smile on my face.

No expectations = Happiness.

We immediately set on our second evening safari. Sighting was as usual and we got some great photographs. One and a half hour later as we head back to base office after the safari, the driver decided to take a small deviation to check out a nearby watering hole. I was a bit tired by that time and my thoughts hovered over an imagination of a beautiful sunset in this gorgeous patch of green in India. Before I continue, I must add that before that moment I had never encountered a tiger in the wild. Little did I know that it was about to change in a blink.

I remember turning my head towards the finger of the driver as he shouted and pointed towards a patch of road ahead of us. As my exhausted eyes focused upon the animal moving across the 'small' road, I remember losing all my previous definitions of the word 'majestic'. A fully grown male Bengal Tiger moved ignorantly in front of us not caring to the constant and chaotic hum of the vehicle engine. Nothing can ever prepare you for the first time you come across a tiger in the wild. I remember feeling the dub-lub of my super excited heart in my mouth. I remember noticing the shivering of my arms which had clutched the camera hard. I remember falling in love with the sight I was blessed to witness.

My wonder struck eyes couldn't take off of the majestic king in front of us. He was beautiful! I remember hesitating to click a picture because I just did not want to miss this pure and intense 'first time' moment that I was honored to witness. I did, somehow, manage to click pictures in the end. If you want to know the true meanings of the words majestic and powerful, I recommend that you see a tiger in the wild. Truly the emperor of the jungle. The king of kings. The Royal Bengal Tiger.



The Pencil my Brother Gifted

A few days back, while I was writing an article, I suddenly realized that there was just one month left for my brother's wedding. I stopped typing and reclined back into the chair. I looked up at the ceiling as I exhaled heavily. My face bore no expression. I couldn't help but wonder at the passage of time. All the memories, with my brother, from the last twenty years of my existence came flooding back to me. A smile came upon my face when my mind ran through some of them. The pillow fights, the piggy back rides through the house, the walking back from school, the hide and seek games, the serious talks, the boring days, the verbal abuses, the silence after a serious fight and the obvious embracing of brotherhood quickly afterwards. It seemed as though it all happened just yesterday. I couldn't help but notice how all the bad and the good memories seemed so alike. The passage of time had somehow managed to mix the bad memories with the good ones and made it into one big, endearing memory in the mind. What a beautiful thing, time is. I wished to myself something that I wish for often, to go back in time and hold my brother's hand as we walk towards school.

Of all the memories that were now fresh in my mind, one managed to stand out. I was not one bit surprised that this one incident had stood out and grabbed my attention. It is one of the only things I remember from that phase of my life. It always managed to make me teary eyed. The best part about it is, I remember every scene in detail.

Long ago, when I was around six years old, things were very different. I had no friends. I was quite a peculiar boy back then. Always silent and alone. I couldn't comprehend and grasp much of what was going on around me. I was always thinking about something or the other, silently. I was the odd boy out at everything. I had no one to talk to in school simply because no one spoke much to me.

Having described the scene, I wish to add a point before I continue. I am not writing this to get any

sympathy. I hate sympathy. I am not writing this to muster up some self-pity either. I hate that as well. I am writing this (I believe) because I just love to express my feelings in writing. It gives me some sort of satisfaction which is hard to explain. Glad we got that cleared. Well, let us continue now.

It was no surprise, thus, that I used to fare poorly in the tests. Nothing ever made sense to me. I was not particularly sad about my situation back then. It was the only way I knew, and I was content with it.

One evening, my brother had got me a Faber Castell pencil. The pencil with the iconic triangular shaped body. The body was green in color. I remember how happy I was after seeing the pencil. Faber Castell pencils were a big deal back then (I do not want to come across as an old writer when I say 'back then', but yeah, that was the case). I had imagined all sorts of clever sketches that I would do in my notebook with the green pencil. I just could not wait to take it to school the next day.

The next day, I was early to class. There were only four boys in class. I remember noticing the teacher. She was standing outside the class and talking to a fellow colleague, waiting for all the students to come. I promptly went and occupied my usual place in the corner seat on the last row. I immediately took out my new pencil and sharpened it. Ah, the pleasure of sharpening a new pencil. I was just so excited. I hurriedly tore a sheet from my notebook and began drawing something. It felt beautiful. I went into my own little world of creativity. While I was lost in my own world, I had failed to notice a boy standing in front of me. I would not say he was a bully, but he was always the most popular boy in the class. Both, amongst the teachers and also amongst the other young class mates. He snatched the pencil right out of my hand and proclaimed it as his. I was taken aback completely. It was rare for me back then, when my classmates paid attention to me. I immediately fought back but there was stiff resistance. He was much stronger than me and his friends helped him. Tears began to roll down my cheeks as I shouted, "It is my pencil! My brother gave it to me!" But they just laughed back at me.

By now, I was crying profusely and had pleaded hard for them to return what was rightfully mine. I did not know of any another solution and I decided to take it to the teacher who was standing outside the class. My hopes were high since the teacher was always the ultimate institution of justice for us, toddlers. When I went up the teacher, my face was completely wet. I somehow managed to explain the situation to the teacher with a broken voice. The teacher's reply truly shocked me. The teacher did not speak a word in reply. She just shooed me off by waving her hand at me. I was shattered. I slowly retreated back to my place in the corner, shocked. I had no mood to finish the sketch that I had initially started. I sat with my head held low. I had never expected such an exciting day to have turned out so bad.

And that was that. That was how it came to pass. The story of a lost pencil. Whenever it is I recall this incident, it always makes me teary. I have wondered long and hard but I never succeed in coming up with a convincing answer. Why does it make me emotional every single time? It is such a trivial issue when I think of it now. Why, then, does it still put me off? Probably because the inner child in me still thrives. The same child that cried over a pencil incident, still lingers in me, maybe. I might never know the answer.

However, I know one thing for sure. I know that the lesson that incident has taught me will stay with me for the rest of my life. I know that if I were to ever meet the boy who stole my pencil, I would thank him. Thank him for teaching me that nothing in life can ever be accomplished by crying. That nothing in life is ever possible if weakness looms large. I know for sure that if I were to ever meet the teacher who shooed me away without a pity in the world to spare, I would thank her wholeheartedly. Thank her for teaching me that nothing good can ever come out of complaining.

I sat upright in my chair as my thoughts came back to the present. I tried hard to continue writing the article. But, I couldn't. My mind was still thinking about that incident. My mind still went back to that pencil. My eyes were moist.

I hope I get back that pencil one day (However impossible it may seem) and complete the

uncompleted sketch. I can never forget that green pencil because it was. The pencil, my brother gifted.

Wagging 'tale'

He wagged his tail for the first time when the boy took him under his care. He wagged his tail when the boy came back from school. He wagged his tail when the boy called out the tiny four-legged's name. He wagged his tail when the boy beat him. He wagged his tail when the boy forgot to feed him. He wagged his tail when he saw the boy petting another dog. He wagged his tail when the boy put him out in the open on a rainy day.

One fine day, he waited for long by the window to wag his tail at the sight of the returning school boy. The boy didn't return that day. After days of waiting without eating, he realized that the boy was not any more. Little did he know the reason? The tail stopped wagging forever. *The only place on earth where you can find selflessness is in a dog's heart.*

Privacy? What's that?

The 21st century ushered in the age of mass-technology (technology which affected the masses). Amongst these bubbling innovations, nothing managed to affect the masses quite like the introduction of the actual smart phones.

With the age of the smart phones came the fiery debate of privacy. This debate rages with more vigor as time passes. This debate has left a clear divide between people. On one hand there are the naive people who believe (or are just too lazy to decide a stand) that privacy is unharmed. On the other hand, there are people who believe that privacy is nonexistent in every sense (but we still use those mobiles:p). I, being a non-naive person like most others around me, obviously belong to the latter group.

I shall narrate, here, an incident which solidified my stand in this raging debate.

Before I begin, let me first assert that never ever have I played the card game Poker in my life. More so, never have I even spoken about it.

On 22nd of January 2016, I was in my friend's place. We were all discussing something and cracking jokes aplenty as usual. One of my friends casually remarked that we should all play poker (Poker is a popular card game) for which I replied saying that, yes indeed, it would be fun! That is all that happened there. I distinctly remember my mobile phone being in my pocket. **I distinctly remember that my phone wasn't connected to the internet in any way in that house.**

When I went back home, I switched on my Wi-Fi and immediately opened the Facebook app on my mobile. The first thing I see on the app is, guess what? The first thing I see is 'Poker Stars India'. See both the pictures inserted below.



Hmm. Coincidence? Not at all. This is the second time this is happening to me. First time, it was about a protein supplements company. This is why Google and Facebook ad services are that effective. They display the ads to only those who are related to the topic. And how do they know who is interested in the topic? By destroying your privacy. Ha-ha. Even when you are off the internet, you are not safe.

It's up to you to decide your stand in this debate. My stand is clear.

Yes, the 21st century saw the rise of the digital age. But it also saw the complete expulsion of privacy.

The day you bought your smart phone was the day your privacy was kidnapped, beaten, brutally murdered and dumped outside your dictionary.

The Finite Infinity

She had forgotten everything. The medical tests had come up positive with Alzheimer's. The man whom she tied the knot with sat in the corner of the hospital. She asked him who he was. Tears rolled down the husband's cheeks.

A handsome young man in a handsome suit came to see his memory-robbed mother. She was lying on the bed. They stared at each other for a few seconds. The son turned around to leave with uncontrollable tears in his eyes. Just then, the old lady on the bed held his hand and said "I love you son".

Probably the only infinity that can ever be found-mother's love.

An Unlikely Friendship

The calf stood, tensed and not knowing what was happening. It stood in queue with other cows in the old rusty slaughterhouse somewhere in Kerala. Tall mighty walls prevented it from going anywhere but straight, where the blood stained mechanical axe waited to take down the next victim. The calf was just 7 months old.

Its meat would not be of much use but its skin would be. It was named “Punya” by the owner’s son, Akshay. Memories of those sunlit days when Akshay would take Punya for long walks through the vast plains, came back to Akshay. He remembered, when during one of the walks it had started raining heavily and they ran and found shelter under an old abandoned shed. Akshay, who was in his 7th standard was used to not having any friends in school. He was bullied everywhere. Who would have imagined that he would find a friend in this silent passive four-legged creature? He had found Punya on the road side, abandoned. He had brought it home and looked after it. Akshay’s father, who saw the calf through his business eyes, let him keep it. Akshay would take Punya for a walk every evening after returning from his school. He would blabber on endlessly about his day, who teased him, who bullied him and so on. The calf which seemed to understand the feelings of another living being listened with sympathy and care. The calf’s silence would somehow console him.

It was 4 in the evening and Akshay, on his way back from school through the dusty roads of the country side, thought about the day when he had been bullied too much in school and how he had rested on Punya’s belly and found comfort under the instinctive love and care of a silent four legged animal. His body urged to be with Punya. He rushed along. As soon as he entered his house, he threw the bag and rushed to the backyard where Punya would usually be. It wasn’t there. He searched everywhere, in vain. He even searched the old shed where they had sheltered one rainy day. After a long exhausting search he finally asked his mother. His mother, who, in her usual lost mind blurted out accidentally, “your father took him away to the...” she stopped halfway realizing her mistake. Akshay quickly realized the situation, he ran and ran without end for 10 minutes until he reached the slaughterhouse. He had only heard about it but he had never seen it in his life. It looked ghostly and stinked with the ugly smell of death. He did not know where to search for Punya. Then suddenly something caught his eyes through a glass window. It was Punya. He ran towards the window and shouted for his dearest friend. Punya turned around and saw his only friend since birth. It jumped erratically. It

was next. It was right then, at that moment that time froze for a second and somehow Punya’s heart got connected to Akshay’s. Akshay could hear Punya’s goodbye. It thanked Akshay for his friendship. It also thanked Akshay for being the only friend in Punya’s life. The cow in front had gone inside. The gate opened, it was Punya’s turn. Its time had come. Akshay screamed, trying to somehow break the window and go be with Punya. He knew it was not possible, he knew nothing could be done now. Punya was pushed along towards the gate by a conveyer belt. Before it went in for one last time, it looked at Akshay for the last time. It went in, took one final breadth. The Axe came down heavily, slicing its head. Akshay saw in horror as the head of his best friend fell down. Blood flowed in streams and the body was taken away by a robotic arm. Its skin would later on be passed on to a tanning industry. Somewhere someday someone would buy a leather product not knowing the touching story behind it.

Paper Battery Technology

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Semester : 6th

Department : Electronics & Communication

A paper battery is a flexible, ultra-thin energy storage and production device formed by combining carbon nano tubes with a conventional sheet of cellulose-based paper. A paper battery acts as both a high-energy battery and super capacitor, combining two components that are separate in traditional electronics.

This combination allows the battery to provide both long-term, steady power production and bursts of energy. Non-toxic, flexible paper batteries have the potential to power the next generation of electronics, medical devices and hybrid vehicles, allowing for radical new designs and medical technologies.

Paper batteries may be folded, cut or otherwise shaped for different applications without any loss of integrity or efficiency. Cutting one in half ,halves its energy production. Stacking them multiplies power output. Early prototypes of the device are able to produce 2.5 volts of electricity from a sample the size of a postage stamp.

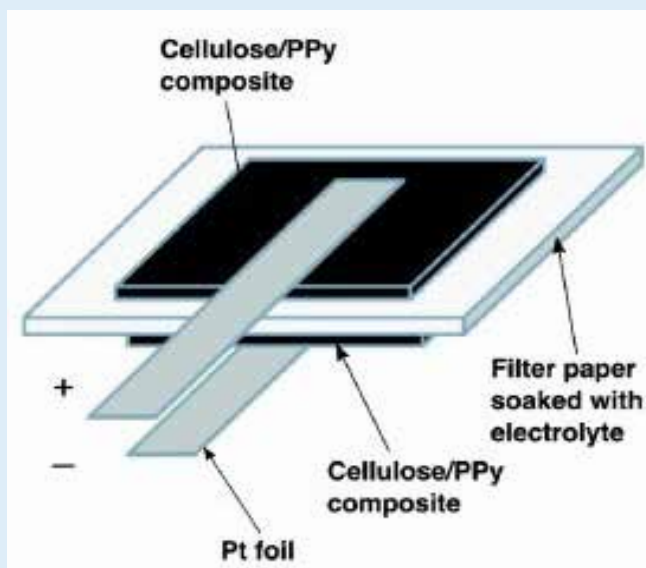
How a paper battery works?

While a conventional battery contains a number of separate components, the paper battery integrates all of the battery components in a single structure, making it more energy efficient.

Construction

The process of construction can be understood in the following steps:

1. Firstly, a common Xerox paper of desired shape and size is taken.
2. Next, by conformal coating using a simple Mayer rod method, the specially formulated ink with suitable substrates (known as CNT ink) is spread over the paper sample.
3. The strong capillary force in paper enables high contacting surface area between the paper and nano tubes after the solvent is absorbed and dried out in an oven.



•A thin lithium film is laminated over the exposed cellulose surface which completes our paper battery. This paper battery is then connected to the aluminium current collectors which connect it to the external load.

1. The working of a paper battery is similar to an electrochemical battery except with the constructional differences.

The paper battery is designed to use a paper-thin sheet of cellulose (which is the major constituent of regular paper, among other things) infused with aligned carbon nano tubes. The nano tubes act as electrodes, allowing the storage devices to conduct electricity. The battery will currently provide a low, steady power output, as well as a super capacitor's quick burst of energy. While a conventional battery contains a number of separate components, the paper battery integrates all of the battery components in a single structure, making it more energy efficient and lighter.

Audio Spotlight

Rachana. S

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Audio spot lighting is a very recent technology that creates focused beams of sound similar to light beams coming out of flashlights. By shining sound to one location, specific listeners can be targeted with sound without others nearby hearing it i.e to focus sound into a coherent & highly directional beam. It uses a combination of non-linear acoustics and some fancy mathematics. But it is real and is sure to knock the socks of many conventional loudspeaker.

The audio spotlight & hypersonic sound uses ultrasonic energy to create extremely narrow beams of sound that behave like beams of light. Audio spotlighting exploits the property of non-linearity of air. When inaudible ultrasound pulses are fired into the air, it spontaneously converts the inaudible ultrasound into audible sound tones, hence proved that as with water, sound propagation in air is just as non-linear & can be calculated mathematically.

A device known as a parametric array employs the non-linearity of the air to create audible by-products from inaudible ultrasound resulting in an extremely directive, beamlike wide-band acoustical source. This source can be projected about an area much like a spotlight & creates an actual specialized sound distant from the transducer. The ultrasound column acts as an airborne speaker & as the beam moves through the air gradual distortion takes place in predictable way. This gives rise to audible components that can be accurately predicted & precisely controlled.

Audio spotlight looks like a disc shaped loudspeaker, trailing a wire with a small laser guide beam mounted in the middle. When one points the flat side of the disc in your direction, you hear whatever sound is chosen to play to you.

WORKING:-The original low frequency sound wave such as human speech or music is applied

into an audio spotlight emitter device. This low frequency signal is frequency modulated with ultrasonic frequency ranging from 21 kHz to 28 kHz. The output of modulator is modulated with original sound waves. So combined signal will be around 3 degree, as a result sound beam will be narrow.

While the frequency modulated signal travels through air the non-linear property of air comes into action which slightly changes the action of sound waves. Since we can't hear ultrasonic sound waves, we only hear the sound waves. Thus ultrasonic acts as an airborne speaker.

Components Required

Modulator

Frequency Oscillator

Audio signal processor

Microcontroller

Amplifier

Transducer

Advantages

Can focus sound only at the place we want.

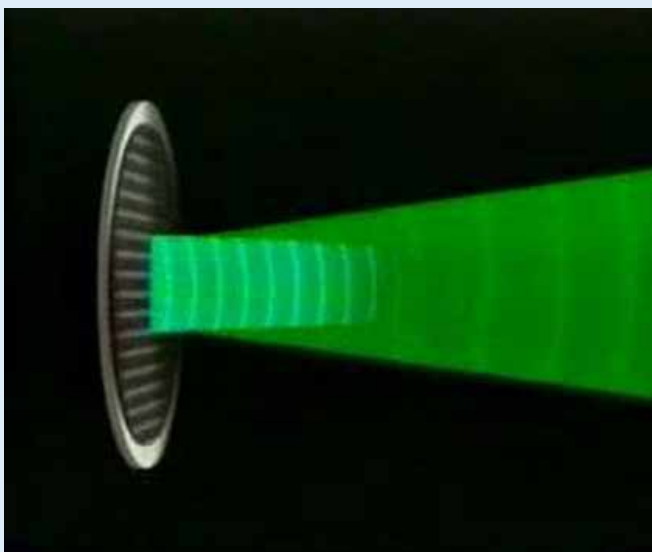
There is no lag in reproducing the sound.

Requires the same power as required by regular loud speakers.

Applications

Audio / Video conferencing

Ship to ship communication



Memory Saving Microchip

Nisarga G K

USN : 1MS14EC072

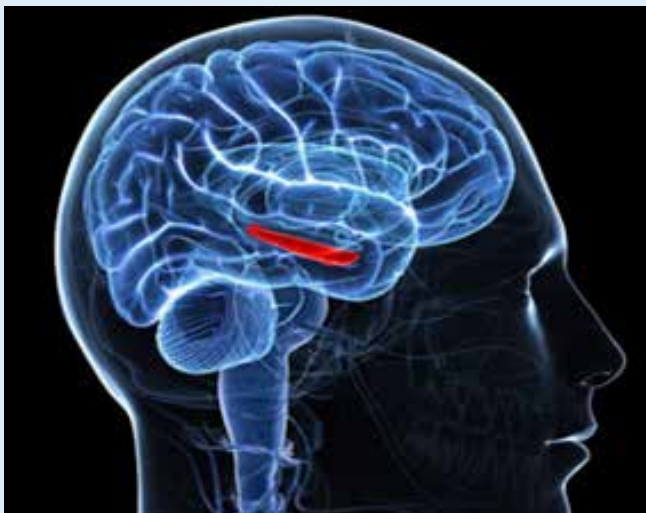
Semester : 6th

Department : Electronics & Communication

A group of U.S. researchers believe that a microchip that will help create memories in damaged brains could be implanted into human volunteers in the next two years.

The scientists from the University of Southern California, Wake Forest University, and others, have been looking into the hippocampus - the part of the brain that is vital in forming long-term memories - for around a decade. They believe that they have worked out how memories are made, enabling the production of an implant that could aid people with localized brain injuries, stroke victims and, ultimately, Alzheimer's.

As reported by CNN, the researchers have already experimented on rat and monkey brains, proving that brain messages can be replicated by electrical signals from a silicon chip. The scientists admit that electronics work is needed to create a device but are buoyed by an increasing acceptance of electrode implants in humans for treating conditions like epilepsy.



Vital component: The scientists have been looking into the hippocampus - the part of the brain that is vital in forming long-term memories (in red) - for around a decade. The group is excited by their discoveries and think that a memory device that could reproduce memory processes will be available to patients in five to ten years. Professor Ted Berger, a neuroscientist and biomedical engineer at the University of Southern California, told MIT Technology Review: 'We're not putting individual memories back into the brain. We're putting in the capacity to generate memories.'

Berger said to CNN: 'I never thought I'd see this in my lifetime. I might not benefit from it myself but my kidswill.' Rob Hampson, a physiology and pharmacology professor at Wake Forest University, added. 'We keep pushing forward, every time I put an estimate on it, it gets shorter and shorter.'

The researchers have focused on the hippocampus, which sits deep inside the brain and consolidates information from short-term memory to long-term memory. They hope that a future implant could copy the brain's neuron messages with signals from an electrical chip.

Hampson told CNN: 'We support and reinforce the signal in the hippocampus but we are moving forward with the idea that if you can study enough of the inputs and outputs to replace the function of the hippocampus, you can bypass the hippocampus.'

It's hoped that a device would help patients whose brain activity has been disrupted through localized injury or a stroke. The ultimate goal would be treat people suffering from Alzheimer's, but this would require more research as that disease affects multiple parts of the brain.

Brain Computers



Mahantesh K Angadi

Designation : Programmer

Department : Information Science & Engineering

As computer get smaller and more powerful and biological technology increases the day will come when we will be able to implant powerful computers directly into our brains. And may be this technology is only 10 to 15 years away.

“Brain containing computers”? No way! That’s immoral! Having a computer in your brain isn’t as weird as it sounds. There is a watch that only keeps time but has a calculator, an appointment calendar, a phone book, and a stop watch. I wear it on my wrist and interface to it using my fingers and my eyes.

Imagine this watch, which is technically a computer, were implanted into my brain. The actual chip is very small and could easily be powered from the chemicals in my blood. The only piece that is lacking is the interface into the brain itself, but in the next 10 to 20 years surely we can build a neural interface.

The only difference between the present day and 20 years from now is location. Is it on my wrist or in my head? What’s the difference? Does this make me some kind of space mutant?

Say there is a computer similar to a standard desktop PC.

It has say 500 megabytes of storage and a lot of software on it. Now we have databases and sorting and complex mathematics, graphing, and communications built in. is this weird? No. we have it today but have to use our fingers and eyes to interface into the machine. All I’m talking about is a different location and interface. You would not have to go to your computer because it would always be with you.

It would take some getting used to. It’s something you would learn to access. Certain thoughts you create would trigger it and it’s totally under your control. Turn it on and off. It only does what you tell it just like your desktop PC does.

Well, first of all you would never forget a name or phone number, you would just store any information you want and you remember it.

Likewise if you want to forget a phone number you forget it. Not getting lost because you have maps stored in your brain. You know where you are because that is picked up by your brain computer and locates your position on the map. If you want to go somewhere then the software calculates the route.

Other feature that your brain might have is a device control feature. If you are cold in the middle of the night you wouldn’t have to get up out of bed to turn up the heat. All you would have to do is think about turning up the heat and the thermostat would respond. Same with all the other appliances in your house. No more wall switches to turn on the lights, just a thought and the lights came on.

They might even have computer implants for our cats brain so it can learn to open the door to let itself out at night, I’m serious! No longer would you have to dial the telephone. The telephone would respond to your mental commands. All you have to decide is whether you want to talk to someone. But why talk to them? If you want to get a message through the computer network

and it will be routed to the desired person. Such a digital message will become a new electronic language allowing people to communicate thought faster and more accurately than by voice or through written language.

As technology increased you will be able to get better computers. Upgrading is no problem. But what would it do to your brain? That's what gets interesting. If you had digital memory and all this computing power in a chip then it would seem that it would free up a lot of tasks that your biological brain does now. I would think that in time your brain would reprogram itself to be smarter, more imaginative. I think that it would free up your brain to be able to do more things than it can do now because now you have to store all this information.

We are on the verge of an evolutionary leap forward for our species. Over the next 100 years we will not really be the same species that we are today. We will evolve into something that is different. And what we become depends on the choices we as a species make today.

Broken Heart

Prajit T R

USN : 1MS14EC079

Semester : 6th

Department : ECE



Behind the veil of a smile
You hide a thousand tears
Under the shade of your memories

You seek shelter from a thousand suns
Fathoms below the vortex of love
Awaits the gorge of deathly silence
Love enthralls, yet it is so fickle
It drowns us in the depths of pain
And yet, it gives us pleasure
Love is warm, but still so cold
We never know how we're suffering
Love is death, yet full of life
Like light that's full of darkness
Love seems so strong, but yet so weak
For words can tear two hearts apart
It takes a second to fall in love
A second it takes to break one's heart
An eternity for wounds to heal
Love discarded rots and rots away
And we mistake it for fragrance
We have learned to love
But not to leave
We choose to drown in tears
I see your tears- but my hands
Are tied to my fate
Two roads lay ahead-
Awaiting our footsteps
One is a path of loneliness
That withers away to the distance
Another, the harder one to take
To forget, forgive and move forward
Time shall heal the wounds of your heart
Remember, a day always follows a night.

The Fountain of Youth

Aishwarya M

USN : 1MS14EC007

Semester : 6th

**Department: - Electronics and
Communication**

Into the sunshine, full of light,
Leaping and flashing from morning till night;
Into the moonlight, whiter than snow,
Waving so flower-like when the winds blow.

Into the starlight, rushing in spray,
Happy at midnight, happy by day;
Ever in motion, blithesome and cheery,
Still climbing heavenward, never weary.

Glad of all weathers, still seeming best,
Upward or downward, motion without rest;
Full of nature nothing can tame,
Changed every moment, ever the same;

Ceaseless aspiring, ceaseless content,
Darkness or sunshine, thy element;
Glorious fountain! Let my heart be
Fresh, changeful, constant, upward, like the
fountain of youth!

Color Pink

MK Abhilash

USN : 1MS14IS053

8-year-old Dwithil likes capturing people's smile in his little Toy camera. Whenever he hears the sound of happiness, he will point his camera towards the source of the sound&Kaching!!!

The day when Dwithil was born, it was supposed to be the happiest day in his Mother's life. When the doctor said that Dwithil cannot sense light, the Mother didn't know how to react. She just sat in silence, lost in void, thinking on how to bring up a blind child in the sad and chaotic world. The woman in her mirror gave her the courage and power to raise the child, a child who understood that the Sadness is as important as Happiness. Dwithil perceives Happiness just like the color Pink, it doesn't exist in the natural world but is created in our Mind. The Children's park in the Neighborhood is Dwithil's favorite photo shooting spot. The atmosphere here is always Cheerful. The smiles are captured only in his Imagination, not in his Toy camera. Every single day Dwithil would end up clicking minimum of 80 pictures at the park. Today, after having a tiring photo session, he sits on the park bench for a while. He realizes that there is a person sitting next to him. He points the camera towards her.

"Can you give me your best smile?"

Kaching!!

"You have got a beautiful smile" he said.

"Happiness and beauty are my old forgotten friends", she replies.

"Can I click one more photo of your Smile?"

Kaching!!

"All humans are born beautiful, society makes them forget about it", said little Dwithil.

Hearing this, teardrops rolls down her eyes.

"Thank you", she said.

The woman moves closer to Dwithil, kisses him on his left cheek and soon departs. Dwithil wonders why she thanked him. Confused, but cherishes the kiss from the woman.

Vyanitha is chased down by faceless people trying to steal her once upon a "Beautiful" face. She is cornered by these faceless monsters and her face is chiseled out. She wakes up from this horror every morning. Hoping to see her beautiful face again, she looks into her mirror every single day. But the acid attack scars remain intact on her face.

"Am I beautiful?", she asks.

The woman in her mirror remains silent.

"All humans are beautiful, right?", she asks.

The woman in her mirror remains silent.

Every day Vyanitha tries to keep her smile as bright as possible. But the faceless monsters try their best to break her divine Happiness. One fine day she wakes up from her dream, stands in front of her mirror and looks into her soul.

"Should I kill myself?", she asks.

"Yes", replies the woman in her mirror.

Vyanitha finds a long and thick rope, ties it to the room's fan. Just before she is about to hang herself, Vyanitha feels a sudden urge to look at the world for one last time. Deciding today death for a while, she locks up her flat's door and walks towards the Children's park in the Neighborhood. She goes there and sits on one of the park benches. Soon a blind kid comes and sits next to her and requests her to smile for his little Toy camera.

'Closed Curtains'

Ahalya Mandana

USN: - 1MS13EE005

Semester : 8th

**Department: Electrical and
Electronics Engineering**



We'd like you to draw your curtains.
No, not in the typical way.
'Cause curtain-drawing usually means curtain-closing.
To keep nosy neighbors at bay.
We meant the kind of curtain-drawing
That lets sunlight stream into the room.
The kind that makes dust sparkle
Banishing the general sense of gloom.
We think the sun'll be good for you
You've shied away, too long.
Cracked china and unframed paintings
The musty smell's way too strong.
The carpet needs to be vacuumed,
The upholstery needs a wash.
Gone are the eighties,
When your living room actually looked quite posh.
Glamorous parties, and film screenings
Hosted in that very room
With every 80s actor and actress in attendance,
And basically Bollywood's who's-who.
Your scripts were sort of legendary
Everything you wrote was gold.
Ahead of your time, wise for your years
They said your female characters were 'bold'.
Since then, time sort of flew

And you got left behind.
Only the old VCRs and cassettes
Allowed you to rewind.
Well, you tried that.
The loner life, for a decade or two.
Now it's time to draw the curtains,
We'll tell you what to do.
House-cleaning is task no. 1.
It'll take a while.
Dusting and scrubbing every inch
Not missing a single tile.
We'll help you out,
We've done all this before.
We won't steal or break a single thing,
Oh yes, that's for sure.
All we ask for, is for you
To keep those curtains drawn
Let the sunlight creep in,
And warm you up at dawn
We'll be noisy,
We'll be pests.
Cause we want to hear your stories,
About all your famous guests.
The scandals that you knew of,
The people who misbehaved.
The actors who were one-hit-wonders,
And the producers who never paid.
We'll never live a life like yours,
So all we can do is listen
Getting you to tell your stories once again,
That's our only mission.

Friendship

V G Sathve
ISE Alumni

A bond with no bounds

Not by force

But by choice

Its friendship

Co-existence of different personalities
 Mutually there for each other
 Hands to hold
 Shoulders to cry
 Its friendship

Gigabytes of laughter
 Micrometers of tears
 Caged bird left free
 Infinite freedom
 Its friendship

Mines of our huge secrets
 Mountains of trust
 Ocean like patience
 Pillars of strength
 Its friendship

Flowers oozing tons of memories
 Birds flying in one sky of life together
 Flooding water from a dam rushing towards its goal
 Swarm of bees together for the nectar of life
 Its friendship

Treasure chest like friendship
 Precious gems are friends
 We are the key
 Ego loses the key
 Repentance gives the treasure map
 Last chance to open the treasure chest

Is it destiny?
 Is it coincidence?
 Was it just supposed to happen?
 All different droplets
 Forming the sea
 Its friendship

Life is A Roller Coaster..!!



Priyanka B. Patil

USN : 1MS16IS415

Semester : 4th

Department: - Information Science

LIFE has its own way of Surprising people, sometimes with unexpected happiness and sometimes with expected instincts. May be our life hasn't given us with what we desired but surely it has given us with what we deserved.

I feel, we should not loose what we have, by desiring what we don't have; because what we have today is one of the many things we once desired. If you desire to blossom like a rose in a lovely garden, firstly learn the art of adjusting with the thorns! In every moment of our life there is a magic, but the true magic lies in ourselves, if you choose to be happy then obviously all the good stuffs mingle around you.

So, the happiest people don't have the best of everything, they just make best of everything. We can lead a happy life when we assume nothing, smile often, dream big, bare all the problems that come all along our way with new experiences.... Just wait and realise how blessed you are !!!!

Success : A Repeated Failure Without Quitting

M. Priyanka

USN : 1MS14CS408

Semester : 8th

Department: - Computer Science and Engineering



•This man failed in business at the age of 21, was defeated in a legislative race at the age of 22, failed again in business at the age of 24, had his sweetheart die when he was at the age of 26, had a nervous breakdown at the age of 27, lost a congressional race at the age of 34, lost a senatorial race at the age of 45, failed in an effort to become vice-president at the age of 47. At the age of 52, he was elected has a president of United States. The man was Abraham Lincoln.

•In 1913, Lee De Forest, inventor of triode tube, was charged by the district attorney for using fraudulent means to mislead the public into buying stocks in his company by claiming that he could transmit the human voice across the Atlantic. He was publicly humiliated.

•Colonel Sanders, at the age of 65, had assets of a beat-up car and a \$100 check from social security. He realized he had to do something to improve his position. He remembered his fried chicken recipe and went out selling. How many doors did he have to knock on before he got his order? It was estimated that he had knocked more than a thousand doors before he got his first order.

•As a young cartoonist, Walt Disney faced many

rejections from newspaper editors, who said he had no talent. One day a minister at a church hired him to draw some cartoons. Disney was working out of a small rodent infested shed near the church. Seeing a small mouse, inspired him to draw a new carton. That was the start of the Mickey mouse.

•One day a partially deaf four-year old child came home with a note in his pocket from his teacher,"Your Tommy is too stupid to learn. Get him out of the school". His mother read the note and answered, "My Tommy is not stupid to learn, I will teach him myself". And that Tommy grew up to be the great Thomas Edison. Thomas Edison had only three months of formal schooling.

Failures, Before Success

The most pleasing 5 letters word: Smile- Keep it

The most spreading 6 letter word: Rumour- Ignore it

The most enviable 7 letter word: Success- Achieve it

The most harmful 8 letter word: Jealousy- Distance it

The most gainful 9 letter word: Knowledge- Acquire it

The most essential 10 letter word: Confidence- Have it.

10 Commandments of Words

The most damaging 1 letter word: I- Avoid it

The most satisfying 2 letter word: We- Use it

The most poisoning 3 letter word: Ego- Kill it

The most used 4 letter word: Love- Value it

The most pleasing 5 letters word: Smile- Keep it

The most spreading 6 letter word: Rumour- Ignore it

The most enviable 7 letter word: Success- Achieve it

The most harmful 8 letter word: Jealousy-Distance it

The most gainful 9 letter word: Knowledge-Acquire it

The most essential 10 letter word: Confidence-Have it.

Golden Words

Before U Speak: Listen

Before U Write: Think

Before U Spend: Earn

Before U Criticize: Wait

Before U Forget: Forgive

Before U Quit: Try

Before U Die: Live

Three Things

Three things to respect: old age, humanity and law

Three things to love: purity, honesty and hard work

Three things to admire: beauty, intellect and character

Three things to cultivate: courage, cheerfulness and contentment

Three things to maintain: promise, friendship and affection

Three things to control: tongue, temper and temptation

Three things to watch: speech, behavior and action

Three things to prevent: laziness, falsehood and slander.

Distressful fragrance of smoke

Bad memories transform you

Aroma fragrance of jasmine

Good memories reward your hardwork

Giver of bliss or grief

Emotionally draining your system

Wet your cheeks with tears

Or make them crimson with your blush

Fades as an ancient book totally forgotten

Pages turned yellow of negligence

Torn n bended as heartbreak

Camouflage by your mask of ignorance

Glowing in the regain of consciousness

Pages turned white of remembrance

Touch of love curing broken hearts

Mask of ignorance removed by reality

Good memories boost my self-confidence

Time machine to happier times

Makes every moment worth living for

Preserved safely in my heart for eternity

Bad memories realize my transformations

Mound of clay molded to gold

Every step of ladder to my goal

Lessons to be learned but memory to be forgotten

Can't scoop them with my hands

But can feel them like the breeze

Memories are pictures worth remembering

Clicking more lies in the tips of our fingers

Memories

V G Sathve

ISE Alumni

Emotions of the past

Still lingering in my heart

Mind commands to move on

But heart moves back in time

A True Inspiring Story

Shubha Anant Balgi

USN : 1MS15EC097

Semester : 4th

Department: Electronics and Communication

Not many have heard about him, but this is a true inspiring story about Hal Erlod.

Hal Erlod was born on 30th May 1979 in California, United States.

Lacking any particular direction after high school, he was employed in a company that manufactured and marketed knives. Elrod attended sales training and loved it. In great hopes, of course, lie the seeds of great disappointment. When the time came to make actual sales, it didn't work that way. He met the clients, made two-hour presentations, demonstrated the knives in all their slicing, dicing, paring, peeling magnificence, but in vain. He sold nothing!

When Elrod told his boss that he was quitting, the boss was unimpressed. He said, "You've got two choices. Give in to fear and quit, or get back on the horse and be successful."

Something hit him, and Elrod went back to work. In the next 10 days, he made 62 presentations, 42 of which resulted in sales. He was on cloud nine on Dec. 3, 1999 when the Horror on the Highway happened.

Elrod and his girlfriend were heading home to Fresno. Driving about 70 mph in his new Mustang, he was hit head-on by a drunken driver in a truck traveling 80 mph the wrong way on the highway. Metal crumpled, the windshield shattered and the car was thrown into oncoming traffic.

Hal's girlfriend had a sprained wrist, and the guy in the truck who caused the whole thing was fine. But Hal was in terrible shape.

His car was cut in half, and his body was pinned inside by the steering wheel. When rescue workers pulled the car's twisted frame away from his broken body, they literally killed him.

After being dead for 6 minutes (without heartbeat) and 6 days in a coma, he woke to the devastating news that he had 11 broken bones and suffered permanent brain damage. He couldn't walk, one arm curled back against his chest and his short-term memory was shot.

Perhaps the first thing Elrod did to recover was his positive outlook. He told in one of his interviews, "The doctors told me, I might completely recover or hit a limit." He continued, "I might never walk again. I resolved to accept the worst. If I was going to have to spend the rest of my life in a wheelchair, then so be it. I made up my mind to completely accept and embrace my reality. The doctors told my parents that they were concerned that I was in denial, but on the contrary, I was being realistic. There is no point in experiencing the negative emotion brought on by the nonacceptance of things, we can't change and they are out of our control."

How much Elrod's positive outlook helped him is a matter of opinion, but the results were miraculous. Day by day he improved. Seven weeks after his accident, Elrod left the hospital. Soon he was back at work, although he was slowed up a bit. In the company's first sales competition after his return, Elrod, previously a consistent winner, finished fourth among 500 contestants.

From his experience, he says he developed a 5-minute rule "When things don't go your way, you can feel bad about it, but for five minutes. If you can't change it, move on."

In 2005, after a record-setting year at the cutlery company, he began shifting toward his next career as a life coach and motivational speaker.

Although he wasn't a natural writer, Elrod pushed himself to produce the book *Taking Life Head On! (The Hal Elrod Story): How to Love the Life You Have While You Create the Life of Your Dreams*. It was a huge success and he launched his new career.

In 2012, he published another book, 'The Miracle Morning' which became the world's bestselling book. In that, he suggests using what he calls his Life S.A.V.E.R.S. program.

SILENCE

AFFIRMATION

VISUALIZATION

EXERCISE

READING

SCRIBING

Tall, lean and with a toothy, nearly constant smile, the 37-year-old Elrod went on to run a 52-mile ultra-marathon, is a motivational speaker, multiple times best-selling author, hip-hop recording artist and life coach. His courage and determination is a great inspiration for all of us.

One Minute Life Hack

Parthik P

USN : 1MS15MCA32

Semester : 4th

Department : Computer Applications



1. When you are thinking about buying something you don't necessarily need, imagine the item in one hand and the cash in the other. Which one would you take?

2. 10 Minute Mail - Temporary E-Mail gives you a fake email address so you don't have to use your own personal email address when signing up for things.

3. If you have many different online accounts, on Namechk | Username, Domain & Trademark Search you can see every website where your username has been used.

4. If you want to buy the cheapest airline tickets online, use your browser's incognito mode. Prices go up if you visit a site multiple times.

5. If someone gives you advice, respond with "you're right". It sounds more diplomatic than "I know."

6. If you don't ask for it, you won't get it. You can get a lot more in life than you think simply by asking.

7. When finding it difficult to find someone a perfect gift, get a combination of 3 small gifts; one serious, one jokey and the last homemade.

8. Whenever you are curious about something, write it down. This way, whenever you're bored you'll have an entire list of things to learn about.

9. You can rewire your brain to be happy by simply recalling 3 things you're grateful for everyday for 21 days.

10. You can shrink a pimple in minutes by putting a dab of Listerine on it. The alcohol will dry it up and cause it to fade.

11. If you're ever homeless, spend whatever money you have on a 24 hour gym membership. You'll have a place to go at night, showers, etc.

12.Sleeping on your right side will help you fall asleep faster than sleeping on your left.

13.By raising your legs slowly and lying on your back, you cannot sink into quicksand.

14.Fifteen straight minutes of laughter has the same health benefits as 30 minutes of sit ups.

15.Get a splinter? Pour a small amount of white glue on the area. Let it dry completely and peel it off. The splinter will come right out.

16.Always exhale when your left foot hits the ground to avoid cramps while running.

17.Never say "sorry" to another driver after a car accident. It's admission of guilt and could be used against you in court.

18.Pineapple juice is 5 times more effective than cough syrup. It also prevents colds and the flu.

19.When proofreading, read out loud to yourself. Your mouth will catch errors your mind might glance over.

20.Study your notes within one day of taking them. Retention rates are 60% higher then.

21.Looking for something? Scan right to left with your eyes. You'll pick up more since your brain isn't used to reading that way.

22.Make friends with three people: a law student, a police officer and a bartender.

23.If you have a .edu email address, you can get an Amazon Prime account. This lets you watch almost unlimited TV/movies.

24.When sharing headphones with friends, turn on mono audio on your phone to make the sound split equally.

25.When caling customer support and getting an automated system, press # over and over again. It forces the system to connect you to human.

26.Whenever you're mad at your parents just remember, you vomited on them and they kept you!

It takes one nice comment to brighten someone's day or it could be one mean comment to push them over the edge. Think twice before you speak.

Overtaking Light!! Is the speed of light maximum?

Shashank B Sharma

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Semester : 4th

Department : Electronics and
Communication



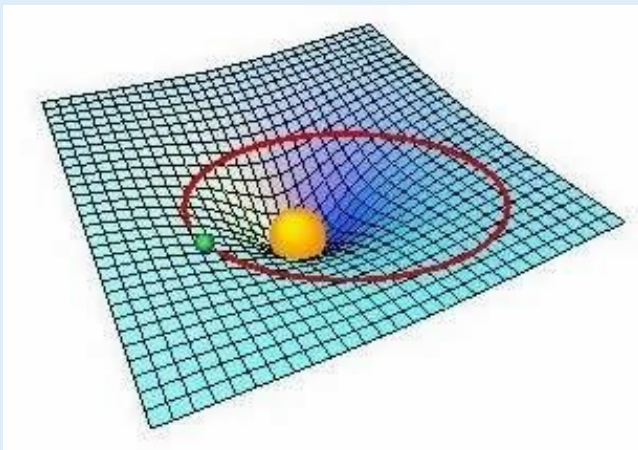
Nobody ever knows the answer to this question. Though many theories and especially movies have come up supporting or not supporting whether man could overtake light or not, it is still an unsolved question to the mankind whether we can reach the speed of light. Theoretically, speed of light is found to be 2.99792 m/s. But leaving it to the numericals, why aren't we still unable to reach the speed of light?

Albert Einstein, one of the greatest physicist of all the times has an answer to the question to the question. According to his theory of relativity, the infamous 'mass equation' gives us that when a particle reaches the speed of light its rest mass becomes zero, which means any particle with a rest mass zero has the ability to reach that Godly speed. For this age, the only particle that has a zero rest mass is Photon.

And this is the reason why Albert Einstein says that only LIGHT and only light can travel at a speed of light.

$$m = \frac{m_o}{\sqrt{1 - \frac{v^2}{c^2}}}$$

There is an interesting illustration of the materialistic concept of zero rest mass. Suppose we have 2 oranges, one of mass that is finite and the other has a zero mass. Suppose we take a rubber sheet and throw these 2 oranges onto the rubber sheet, the orange with some mass creates a well that is proportional to its mass, whereas the orange with the zero mass has no effect on the rubber sheet.



The reason behind the incapability of any particle or person in this universe that can't travel at the speed of light is that it is practically impossible to create or generate any kind of matter that has a rest mass of zero.

IMAGINING THE CAPABILITY TO TRAVEL AT THAT SPEED:-

Even though it is practically impossible for humans or any kind of matter other than light to travel at the speed of light, many theories, assumptions, science fictions, movies have come up with imagining the capability of human to travel at the speed of light. What would possibly happen if we were capable of travelling at the Godly speed?

IT WOULD BE PRETTY AWESOME...

Imagine Usain Bolt in a race of 100m. Assuming he is able to move at a speed of light, when we capture his race on a special camera that is able to capture his running, we will have 2 Usain Bolts running at the same position and at the same time. One is of his own and another is of his image created by light. That is we will be able to make out the difference between us and our image created by the light.

But, the main effect of travelling at the speed of light is that the slowing of time. According to Einstein's theory of relativity, a person who is travelling at the speed of light or nearly equal to the speed of light would experience a slowing of time. For example any person who is travelling at 90% of the speed of light would have had his time cut short by half, i.e he would have travelled at that speed only for 5 minutes, but a person who is stationary would have completed 10 minutes of his time. This gives rise to a famous time paradox called the Twin Paradox which is depicted in the movie Interstellar.



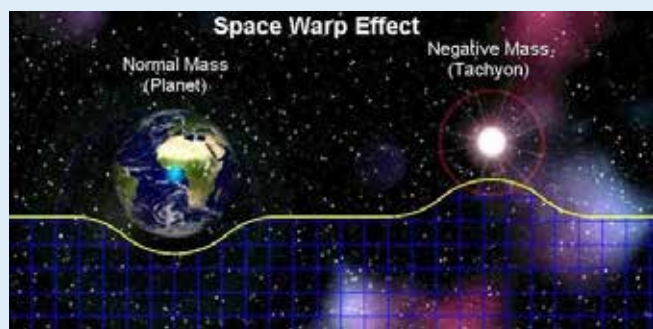
Scientifically, It would have taken far more less years to travel to any other planet. This would actually revolutionize science. Having known how to travel at the speed of light, it would be possibly not more than 100 years we would have known the bounds of this universe and the mankind would have advanced a lot more.

THE SUPERLUMINAL SPEED...

Imagination never has had its limits. We were not bound to have our imaginations. This is the reason behind the theories of Superluminal speed.

Referring to as the capability of matter to travel at the speed more than light, enables us to imagine more consequences that would be possible when we had the capability of travelling more than the speed of light.

As mentioned, only those particles that have a zero mass have the capability of travelling at the speed of light. What about those particles that are capable of travelling at superluminal speeds? Those particles travelling at superluminal speed exhibit the property of Negative Mass and Negative Pressure. That is if we had an orange exhibiting the property of negative mass, then it would probably created a hump on the rubber sheet when placed on it. A theoretical particle that is able to travel at superluminal speeds is called a Tachyon



Furthermore, thinking about the consequences of travelling at an enormous speed more than that of light, it would be possibly able us to build a Time Machine. As said earlier the capability of humans to travel at the speed of light ends up in slowing the time of the traveller. At the speed of light, theoretically our time ceases, which means that Time Stops. Further when we travel at the speeds more than that of light, its evident that our time runs in the opposite direction, which implies that we will be able to create a time travel possible... which can trace back our history and all the possible things that we have missed out from the past.

THE INFINITE SPEED...

If superluminal speed is the travelling more than that of light, then infinite speed, as the word says is the capability of a matter to travel at the speed equal to c . Physically, it implies that a person is present at every point in the universe which is also

called as the speed mirage (As depicted in FLASH) Lets hope we possibly witness the first time machine..

Atlantis

Paritosh

USN : 1MS15CS083

Semester : 4th

Department : CSE



Slowly as a fleeting dream
Like the grains of sand
It slipped my hands
Sinking to beyond back seas
There's a fading light
An everlasting trance
Lost deep inside

Is a memory so old
Never to be retold
Long forgotten in the lore
Trapped inside eternal cold
Forevermore

Drowning as a broken tree
There's no land beneath
An endless sea
Silencing the ghouls of sound
Gone without a trace
Where's the land of dead
Lost deep inside

Is a memory so old
Never to be retold
Long forgotten in the lore
Trapped inside eternal cold
Forevermore

Flooded by the tidal waves
 Disaster struck with no escape
 And all that man could do was gaze
 Into the sunken eyes of fate

Once upon a thousand lies
 And countless blood and sacrifice
 The sea itself began to rise
 Lost deep inside

Kisses and Coffins

Look at her go
 As she walks a bed of roses hiding
 Scars of her soul
 In her lucid eyes behind a perfect eyes
 See her wear
 A crown of guilt infused with her lies

I never wanna leave you alone here
 Where the shadows shine their brightest
 O my love
 I will be the reason for your tears sometimes
 Let me kiss your heart tonight

Down on her knees
 She refuses to give up on you
 Her mind is a screen
 Subjugated to repeating memories
 See her scream
 A cry of love escapes her lips in silence

I never wanna leave you alone here
 Where the shadows shine their brightest
 O my love
 I will be the reason for your tears sometimes
 Let me kiss your heart tonight

Lucy's Song

Your subtleties, a summer breeze
 Baby girl, you are my spring
 A fireheart, a want to fly
 You are my eternal sky

Everyday I watch your hair flow
 As the ocean waves across the bay

The little things, a silent wink
 Baby girl, you bring to mind
 A riverside, a kiss on my eyes
 You're an angel in disguise

Everyday I fall for your smile
 As a flake of snow upon the Earth

Won't you bury me again
 In the warmth of your embrace
 I will be your Polaris
 Right across the milky way

When you cry
 I will wipe away your tears
 As they stain your pretty face

And if there is no tomorrow
 I promise this day won't be hollow
 And if we have ten billion hours
 Let's live like there is no tomorrow
 And never again will I let you out of my sight

Teacher

Parkavi. A

Designation : Assistant Professor

Department : Computer Science and Engineering



A Teacher roles out the following in students,
 T- Tenacious in laying foundations of knowledge
 E- Ebullient in conveying the subject matters
 A- Accomplice in carrying out study plan
 C- Consummate in skills
 H- Hinges the theory and practical
 E- Edify the complex concepts
 R - Radical in innovations
 I love and respect my Teachers who taught me in school and college. Do you?

Why do people feel Programming is hard?

Parthik P

USN: - 1MS15MCA32

Semester : 4th

Department : Computer Applications



The way people learn it totally stinks.

I've seen suggestions of reading the Linux Kernel source code as a way to learn.... **Words cannot describe how bad an idea this is.** If I could think of the words, they'd certainly include, involve 'retard', 'stupid', and 'waste'.

Programming is hard because we are learning it totally the wrong way.

Your knowledge is useless unless you can use it.

This is how you should be learning...

1. Pick a language, try not to pick one that totally sucks, but it doesn't matter too much. If you've got a Mac, Swift is a good choice, Java is always a good choice. If you want to go a bit closer to the metal, C.

2. Try out a few really simple tutorials, get your feet wet in the shallow end first.

3. Once you've done and understood the tutorials, try making changes and modifying the tutorial code. For example, if you've done a Tic Tac Toe tutorial, try making it a 4x4 grid instead of 3x3. This will help you actually see what the code is doing. Understand the data structure behind it.

4. Make a really simple tool without using tutorials, keep it really simple, maybe a currency converter? It's totally fine to Google stuff.

5. Make a slightly more complicated tool, and within a few short decades you'll be making awesome software.

Why do we learn in a way that sucks?

Well, it's because our schooling system isn't set up to teach logic, it's set up to make you remember stuff.

Programming doesn't really suit this method. Programming is about breaking down a problem into small parts, and then telling the computer how to do it. There is no school subject like this, so ... for a lot of people, *it's the first time they've ever had to learn anything like it.*

The Value of Time Management is A Symbol of Genius

Parshuram Rathod

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Semester : 8th

Department : Electrical and Electronics Engineering



To realize the value of ONE YEAR, ask a student who failed a grade.

To realize the value of ONE MONTH, ask a mother who gave birth to a premature baby.

To realize the value of ONE WEEK, ask the editor of a weekly newspaper,

To realize the value of ONE HOUR, ask the lovers who are waiting to meet.

To realize the value of ONE MINUTE, ask a person who missed the train.

To realize the value of ONE SECOND, ask a person who just avoided an accident.

A minute now is better than a minute later!
Treasure every moment

Yesterday is history. Tomorrow is mystery!
 Today is a gift. That's why it's called the present.
 KNOWING IS NOT ENOUGH;
 WE MUST APPLY WILLING IS NOT ENOUGH;
 WE MUST DO.

Watch your thoughts, for they become words,
 Watch your words, for they become actions,
 Watch your actions, for they become habits,
 Watch your habits, for they become character,
 Watch your character, for it becomes your destiny.

Don't wait. The time will never be just right.
 TAKE TIME TO DELIBERATE;
 BUT WHEN THE TIME FOR ACTIONS ARRIVES,
 STOP THINKING AND GO IN!



WINNING IS NOT EVERYTHING,
 BUT THE WILL TO WIN IS EVERYTHING.
 If winning isn't everything, why do they keep score?

Strength does not come from winning.
 Your struggles develop your strengths,
 When you go through hardships and decide
 Not to surrender, that is strength.
 Life is a constant struggle, a fight within itself,
 With new challenges every day,
 If we have a strong will power and courage
 To face everything, we can win easily.
 WIN AS IF YOU WERE USED TO IT,
 LOSE AS IF YOU ENJOYED IT FOR A CHANGE.

Yesterday is history. Tomorrow is mystery!
 Today is a gift. That's why it's called the present.
 KNOWING IS NOT ENOUGH;
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Watch your thoughts, for they become words,
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Don't wait. The time will never be just right.
 TAKE TIME TO DELIBERATE;
 BUT WHEN THE TIME FOR ACTIONS ARRIVES,
 STOP THINKING AND GO IN!

Masterpiece

Bhavana Salimath

USN : 1MY16MBA15

Semester : 2nd Sem

Department : Management Studies



God took the strength of a mountain,
 The majesty of a tree,
 The warmth of a summer sun,
 The calm of a quiet sea,
 The generous soul of nature,
 The comforting arm of the night,
 The wisdom of the ages,
 The power of an eagle's flight,
 The joy of a morning in spring,
 The faith of a mustard seed,
 The patience of eternity,
 The depth of a family need,
 Then god combined these qualities,
 When there was nothing more to add,
 He knew his masterpiece was complete,
 And so,
 He called it..... DAD!

Be You!

Swathy S

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Semester : 2nd

Department : MBA



The best thing in this world is being yourself, which most of us don't do. We live for society. We think beyond the reality. We complicate life. We are finally not the own us.

We in places forget honesty, loyalty and reality just to show off people that we are significant. There is always a battle between the real you and the fake you. It is the biggest challenge that is kept inside you. I kept asking my peers in quite a normal way. Why people are always below the honest board? Most of them said me, "I always tried to tell the truth but I understood that, it isn't always the best way. There are times where we must avoid being entirely truthful, or even tell a lie, in order to protect someone's feelings, or prevent a conflict". This trend is growing more and more every day.

The reality is always the reality. It can't be changed. If your father is a farmer, yes that's the reality. I keep seeing people who feel odd to tell what their parents do. The inferiority complex that penetrates in them, while others tell that their father is a manager or a business man or an engineer. Everything is a profession. Without farmer, cobbler, cleaner, driver or a high class business man, this world doesn't function.

Once in my friend's class, a staff was asking about every student's passion. Everyone gave some answer. May be real, may be fake! It was my

friend's turn and she indeed said, I still have no idea of what I am going to do and immediately that teacher blasted her with lectures. But still, that was an honest answer and next time when someone asked her, she came up with a fake answer. The honesty of being yourself is lost somewhere by these such experiences.

Be you, because there are people who just love you for who you are. Everything in this world changes. I have always loved this line, "The changes are the only changes that never change". Even your friends might walk away from you. It's not that they should always stay with you. It doesn't really mean that they are bad, it's just their part in your story is over. You still have to be yourself.

The word 'YOU' is always capacious until it's the real you. Because you are the one who should love, accept, value, forgive, trust and empower you before others do. I always admire the innocence of small children. The way they do what they wish, innocent talks, selfless moves and ever cherishing smile. Every matured liar was once an infant. We always wanted to go back to our childhoods just to be ourselves and nothing more. It's always better to ascertain before it's too late.

Few people for sure are going to hate you and break you. But how strong you stand is what makes you. This is a place where most of us gets influenced by the negativity and become the falsehood. The mentality of Mendacity every time will make you nether.

Good changes are always important in life to move forward but by changing the base nature of yours will lead to ruination and an unfavorable reputation. You change yourself and keep acting as a fraudulent yourself but that's really not going to aid you. At some point you will surely end up missing you.

When others laugh at your honesty, let them. When others criticize you for your real you, let

them. Take it as a good criticism. You are not going to lose anything with their unhealthy words. Once you take it, you are not going to possess yourself.

Every ending is a beginning of something new. Let's end our FAKISM and try bringing the REALISM out to live happily. Dress, speak, walk and eat in the way you want. Let's not change these basic manners of ours for others. Because this will enhance to sort our higher version stuff's by real 'YOU'.

Be the real you, it's always interesting!

Thanks for reading!

Why Not Become An Entrepreneur?

You are the king of your dreams, then why not you own it?

It's never easy to be an entrepreneur, when your family is integrated with you. Yet, a little take risk and live their passion. They dream big and never listen to people who say, it's impossible. They see obstacles as an opportunity and that's the way they begin!

Challenges are huge. Beginners expect immediate success. It's always essential for a successful entrepreneur to understand the ever changing demands of the market, so as to make a permanent stand in their field.

Most of them fall heartbroken with their failures. It's important to have failures in life, because you can't learn things by being perfect. Learning from losing makes you strong and helps you move with planned perfect steps.

Life of an entrepreneur is always tough socially as well as financially. When you don't invest, you don't lose anything. You don't even have to worry about your business status. When the start is going to be a success, then assert it. An initial

success will not fetch you to the top all time. Only a constant, dedicated move will take you to stellar heights.

You have to be a workaholic, you should know to manage things and situations. Initially you might face lots and lots of complications, you might not earn lakhs in a month. But you should not juxtapose yourself with your regular office going peers, who earns more than 50,000 bucks just by working 8 hours a day. You are always better than them. Because, you hired yourself and others to build your dreams, while they are hired to build someone else's dreams.

Highly profiled Entrepreneurs don't exist successful with a monotonous idea. They have gone through Hundreds of unsuccessful attempts to get one clicked. You have to have a various set of ideas if you have a real aspiration to become an entrepreneur. You first need to research what is the most indispensable factor and then put your creativity on that. May be, in terms to reduce the overall cost as well as ROI and to increase the efficiency. You should give your ideas a try with no or less capital and you at least get to know, what you should not do.

Mark Zuckerberg, a computer junkie from his smallish created a digital version of a board game Risk in his 9th grade, he then made computers talk to each other but got bored sooner. He wanted more challenge that made him create a music website called Synapse 1.0 which became more popular at that time. He was continuously getting offers from Microsoft, AOL and few other top MNC's, yet he denied it. He then entered Harvard in 2002 and created something called facemash. But it went through some privacy issues. So with no other go, he shut down his site. He gave numerous shots to create something creative and yet was not satisfied. With more commitment and devoted nights out of sleep, he created FACEBOOK in the year 2004, which is used by millions and millions of people now-a-days with no age bar.

Mark Zuckerberg's words for budding entrepreneurs,

"Move fast and break things. Unless you are breaking stuff, you are not moving fast enough!"

If you have to be an Entrepreneur, take risk and live your dream. Never quit, then you might never possess an opportunity to win. You might get more obstacles when you do something new, but face it. We all know, life is filled with up's and down's, so is a start-up.

This quote makes more sense,

"Entrepreneurs are doers and not dreamers!"

Dream big! Experience owning your dream in reality!

Thanks for reading!

Is Virtual Self Really Real?

Padmalini Singh

Designation : Assistant Professor

Department : Management Studies



Social media has invaded human life so deeply that this virtual world has become a reality for many of us. The social media bug has bitten a demography ranging from our friends to family to milkman & even grocerywala! Everyone from retired uncle to busy professional is updating about their daily chores from getting ready to retiring on bed. It has even become a platform of self-expression broadcasting their opinion and interests.

In this growing craze of social media addiction that has even penetrated to tier II as well as tier III cities, the question needs to be answered, that is the 'virtual self' projected on the social media really an extension of a 'real self' or is this 'social avatar' an outcome of 'ideal social self'?

Many research in the field of psychology unveils that every human being have number of enduring images of themselves called as 'self-images' or 'perception of self' that are closely associated with personality. While indulging oneself on social media to the extent of showcasing personal life on public platform people does not realize the shift in their personality traits. The urge to satisfy 'acceptance need' drives people to escape into virtual reality. 'Likes' and 'positive comments' on social media is a symbol of fulfillment of 'acceptance need.' The display of a perfect 'selfie' or a perfect 'groupie' as well as the dialect used in the comments are actually inspired by the desire to look trendy and fit into the lowest level of acceptance from the peers. A closer analysis suggests that there is a vast difference in the 'real-self' and 'virtual self.' To cover up the defects in real self, many have crossed the societal boundary of tolerance level of public display of affection (PDA) as a virtual self on social media. Nonexistent real self is boosted by virtual self by being Mr./Ms.Perfect. All this is the result of the 'social ideal self' that means - how society expects from others. People caught up into this dilemma tries to fix their personality traits according to the expectations of society. The more one tries to suit societal expectations, closer they are moving away from their real self. As this gap is getting wider each passing day, actions should be taken to make people realize the negative consequences of creating 'virtual self' and altering their own 'real self.'

Born To Fly

Bhavana Salimath

USN : 1MY16MBA15

Semester : 2nd

Department : Management Studies



Flight is freedom in its purest form,
To dance with the cloud that follow a storm,
To roll and glide, to wheel and spin,
To feel the joy that swells within,
To leave the earth with its troubles and fly,
And know the warmth of a clear spring sky,
Then back to the earth at the end of the day,
Released from the tensions that melted away,
Should my end come while I am in flight?
Whether the brightest day or the darkest night?
Spare me your pity and shrug off the pain,
Secure in the knowledge that I'd do it again,
For each one of us is created to die,
And within me I know,
I was born to fly!!

CO2 is making Earth greener- for now

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Department : Management Studies



Carbon dioxide (CO₂) pollution enters the atmosphere from three main sources-burning

fossil fuel (coal and oil) cement manufacturing and gas burning. CO₂ is produced naturally by animals, forest fires and other sources. But natural production has been overtaken by the amount produced by transport, manufacturing and other human activities. More carbon dioxide in the atmosphere increases the amount of heat absorbed and this leads to global warming. Huge growth in the industry and in the world's population in the last 100 years has led to more and more industrial processes and pollution. Deliberate dumping and accidents such as oil spillages have seriously affected the Earth's air, land and water.

Greenhouse gases such as carbon dioxide, nitrous oxide, water vapor and methane, help to trap heat and stop too much of it escaping into space. Without these gases, the Earth would not be warm enough for us to live on. The problem is that more and more green house gases are being released into the atmosphere from human activities and too much heat is being trapped. The Earth became 0.5oC warmer during the 20th century and a further rise of even a couple of degrees will damage the natural balance. Polar ice caps will melt, sea levels will rise and many areas will be flooded. While rising carbon dioxide concentrations in the air can be beneficial for plants, it is also the chief culprit of climate change.

We have seen the increase in the production of summer seasonal fruits mango and also in the production of drumsticks. This is an indicator that there is an increase in the levels of Carbon dioxide. A new study has revealed rising levels of the greenhouse gas due to humanity's actions is actually having a surprising side-effect - it is making the Earth greener. Experiments have shown that the CO₂ fertilization effect is temporary.

The plants ultimately adjust to the higher levels of CO₂ in the air. However, they found the relationship between rising carbon dioxide levels

and the increase in greening is complex rather than a simple correlation. This overall greening effect caused by human produced CO₂ emissions into the atmosphere has an overall cooling effect on the Earth. If this continues then the increased plant life will begin to choke the planet with ever cooling winters and disappointing summers. This is unsustainable and therefore CO₂ emissions must be stopped somehow or the cooling may become irreversible and we will all freeze to death.

“The Earth is not dying, it is being killed. And the people who are killing it have names and addresses.” -Utah Phillips

Gravitational Waves

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Most of us have heard about the recent discovery of gravitational waves. Well, what are gravitational waves? The first thought that comes to our mind is of the incident described as the start to the search of gravity! The apple falling on Newton's head. According to Newton, everything in cosmos attracts everything else. Gravity is therefore a force of attraction. However, this theory poses a problem at the fundamental level. We know of the earth's rotation around the sun. Have we thought of how earth rotates around the sun in

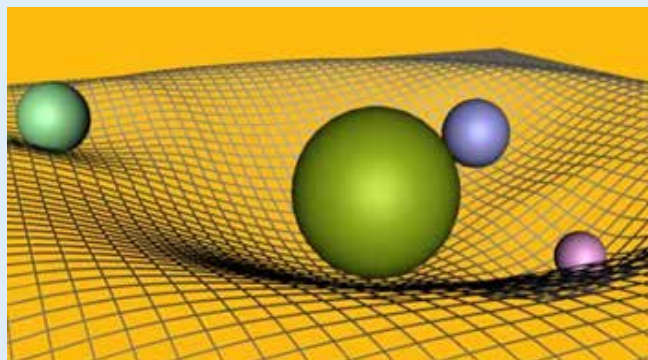
an elliptical orbit? How does the force from the sun get to the earth? Einstein's theory forced us to rethink the hypothesis of gravity. Einstein suggested Gravity was nothing but curves and warps in space-time.

Consider an example of a completely flexible rubber sheet as space, when an object of certain mass falls on this rubber sheet it will cause the sheet to bend. More the mass more the sheet or space is bent and the object is distorted. The same theory can be applied for changes in space due to gravity. Consider sun as another example. Since sun is a massive object, it causes a big distortion around it. Although, earth tries to move in a straight path, it forms a circle and moves in an elliptical path due to the gravitational pull of sun. The Earth follows the natural bends of space-time around sun. This is the explanation for formation of orbits. As gravity is a feeble force, there must be massive objects moving with very high speeds in space so as to produce big ripples that we can detect.

Gravitational waves are the ripples that are generated either due to stretching or squeezing of space. Gravitational waves are produced due to collision of black holes or neutron stars at very high speeds usually at speed of light. Normal changes in space is very hard to detect. The only parameter that can be used to detect these changes in space is light. As space between two objects gets stretched, light takes more time to travel from one object to another and vice-versa.

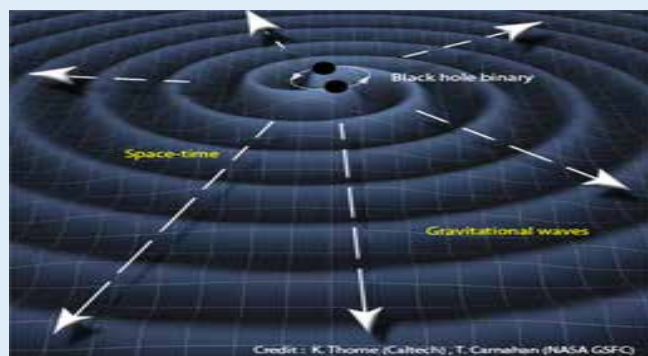
Light was the parameter used in the experiment by the physicists to detect the presence of gravitational waves. Gravitational waves are not part of the electromagnetic spectrum. They cannot be used to generate images, which determine information about the universe that they contain. The wave pattern can be converted to produce sounds, which we can distinguish from others.

Thereby, we can understand the story the waves are telling us about the universe. They can be used to provide information about the most debated, high energy events in the cosmos. Information about exploding stars, colliding black holes and possibly information about the big bang can be obtained from further research on gravitational waves.



FORMATION OF ORBITS

Mass on space causing it to bend



BLACK HOLES COLLIDING

The River of Life

SHASWAT

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It starts from the mountains high,
When a Child descends from Heaven & Sky.
From the chilling ice glaciers it flows,
Like the child's sweet face glows.

It flows through the hills, plateaus & plains,
Like a Man's journey across different terrains.
There are ups and downs on his way,
But a man never ceases to be happy & gay.

It grows from a stream to become a river,
Like a Man grows into a teenager.
It provides for living beings on its way,
As a Man should always strive to stay.

On its way it splits in streams,
Thus, signifying & empowering millions of dreams.
From the calm glaciers it reaches the plains,
Symbolising the journey from the peaceful
childhood to the chaotic adolescence.

Thus it flows from the serene ice caps back to the
calmness of the sea,
Across the various forests & lands.
Upon meeting the Sea, it loses its identity,
Just like a corpse has no name or property.
We return to the Creator when he calls us from
the deserted lands ,
We meet Him behind the Rainbow bands,
As he wishes to take care of us with His own
soothing hands.

To B.E or not to be

Aishwarya Muralidhar

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“Log kya kahenge?” my mom asked me the day I made the mistake of letting out my passion; Journalism. “That is a hobby not a job” she said. In her eyes I could sense fear of judgment more than disappointment. After all, being my mother she did not want to see my demand in

the marital market reduce. “One is safe & secure if he acquires a job in the corporate sector” she said. I argued trying to give her an insight on the Supply & Demand concept of Market equilibria in Economics only to be dismissed to my room. This was a routine. For days, months, years. The beginning being seventh grade. It was time to make a career choice. Blinded by both parental as well as societal pressure, I opted for engineering. Since then, I always say, ‘I don’t want to die an engineer’(no offense, Mark Zuckerbergs!).

I justified this decision of mine by calling it a backup for journalism. Myriads laughed. I joined them. Mentally. I was a coward. Guilty as charged. Afraid of not making it big, afraid of being mocked, afraid of letting my parents down, afraid of hearing my mom say, “I told you so”.

Are you an over achiever in school? Got an “unsafe” dream? You are at the risk of hearing your parents say, “You are so intelligent. See your marks in school. Why do you want to pursue Arts? You can easily do Science”

Dear parents, some of us don’t want to do Science. We don’t want to be Engineers or Doctors. How about that insane idea, huh?

Managing a course & being good at it are two entirely disparate concepts. If by-hearting codes sans understanding how a while loop is different from a for loop counts as being a good engineer, color me proud!

Another irksome myth being that people who pursue Arts are low on IQ or/and unable to grasp other courses. One can read several books & try his hand at coding but no encyclopedia in the world will tutor someone on how to write, sing or dance. It’s high time we give Arts some credit, it’s high time we let the youth breathe.

You aspire to be different, be prepared to be daring too. Because there will be one too many hurdles occluding your journey. But, the satisfaction of tasting success and being who you wanted to be & what you are cut out for will be worth it. In addition to discouragement, you will also have to face the depressing facts. These courses do not

pay well. The job spectrum is dull both in India & overseas. There is overtime. The deadlines are unrealistic. There is lack of holidays. There is the infamous H1B issue. There is continual struggle. I, for one, choose this over making love to a PC 9am to 9pm just so that I can have a fat bank account.

Including myself, more than half of the Engineering population goes on to do masters in non-engineering fields. Engineering shows us what we are certain we do not want to do.

Engineering is an intelligent, renowned & respectable profession & rightly so. To the few who genuinely comprehend it & are interested in it, respect. To the others who are forced into it like myself, my heartfelt condolences.

Close your eyes. Do you like what you see? Live it.

There are no successful or unsuccessful dreams. A dream is merely an innocent’s image of the life he wants to live. Nobody ever said life would be easy, they said it would be worth it.

If Mary Kom had succumbed to her Father’s castigation or if Marilyn Monroe let her critiques get the better of her who asked her to forget modeling & consider becoming a secretary, the world would have two lesser inspirations.

I want to live a life where every single day feels like a holiday, where the adrenaline rushes through my veins, where I hear my heart beat faster each second. Falling in love with your work is the key to a happy life.

You can only be good at what you love. Be motivated by the fear of being average & pursue that flighty temptress-passion!

My one day is to test the mightiness of the pen. Don’t forget to let me know what’s yours.

Who are These Beggars???

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Today as I was solving a problem on integration, I suddenly thought about beggars. Strange, isn't it? There is no connection between integration and beggars. Hold on! letters 'g','e','r' and 'a' have appeared in both the words. Anyways that is immaterial. But it's a question for all of us to think, who are these 'beggars'?

I looked into the dictionary and it said, 'ask for or live on alms or a penniless person'. 'Begging is the practice of imploring others to grant a favor, often a gift of money, with little or no expectation of reciprocation. Beggars may be found in public places such as transport routes, urban parks, and near busy markets. Besides money, they may also ask for food, drink, cigarettes or other small items', says Wikipedia.

But according to me, beggars are the ones who cannot lead their life on their own will. Thus, unfortunately they depend on others.

It is a common scene to us that many people sit on either side of the footpath outside the temple begging. I wonder why do they do so! They have sufficient energy, strong arms and legs...yet they don't work. A few days before, I had been with my father to a hotel which is owned by one of my father's friends. We had been there after two long years. We found a board showing 'self-service'. On asking he told us there were no waiters now. He also admitted that he was ready to pay quite a good amount with which a person can survive easily but nobody was willing to work. On the other side, I saw a picture in which a young boy who had lost his both hands but was contributing to the 'Swach Bharat' mission. When a young kid can contribute his best then why can't an adult, mature person strive hard?

It is sad to see that most of the people who beg are strong enough. They can do any sort of work like constructions, sweeping etc. There is no shortage of opportunities today. But nobody wants to put in efforts.

Now, I guess you must be thinking why is she telling all this to me because probably a beggar won't read this article. But my humble request to each one of you is to help only those people who need it. There is a known English proverb which goes 'God helps them only who help themselves'. If we help those who have the potential of leading life on their own, then they will never realize this, instead they will continue the same.

Hence, I wish in the future there will be a scene where only old aged, handicapped people will be asking for alms and those who can will readily help them.

Your Life

Saikiran N

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Semester : 2nd

Department : CSE

If you have
Food in your fridge,
Clothes on your body
A roof over your head and
A place 2 sleep
U r richer than 75% of the entire world.

If you have
money in your wallet
A little change
And Can go anywhere you want
U are among the top 18% of the worlds wealthy people.

If you alive today with more health than illness,
U are more blessed than the million people
who will not survive this week and die.

If you can actually 'READ' this message
and understand it,
U are more fortunate than the 3 billion people in
the world
who Cannot see
Cannot read Or suffer mental retardation.

Life is not about complaining pain and sorrows.
It's about a thousand other reasons to Thank our
Creator!!! (Y).

Life IS Precious

Suraj S Jarali
USN : 1MS16CS106
Semester : 2nd
Department : CSE

The gracefulness
Of a butterfly,
How gentle,
And fragile they seem.

Gently fluttering,
On a calm summers day,
Floating like,
a dream.

But sadly,
There time is over,
Hardly before
It's begun.

So enjoy
Your special moments,
Like a butterfly,
In the sun.

Be Careful of your life

Sameer S Joshi
USN : 1MS16CS087
Semester : 2nd
Department : CSE

Be Careful of your thoughts
They may become your words
Be Careful of your words
They may become your actions
Be Careful of your actions
They may become your habits
Be Careful of your habits
They may become your character
Be Careful of your character
They may become your destiny!!!

The Miracle of Friendship

Sudarshan
USN : 1MS16CS105
Semester : 2nd
Department : CSE



Be Careful of your thoughts
They may become your words
Be Careful of your words
They may become your actions
Be Careful of your actions
They may become your habits
Be Careful of your habits
They may become your character
Be Careful of your character
They may become your destiny!!!

KANNADA ARTICLE AND POEMS

ಪುಸ್ತಕಗಳು



Pavitra M Shivanagutti

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Semester : 4th

Department : ISE

ಪುಸ್ತಕಗಳ ಮಹತ್ವ ಯಾರಿಗೆ ಗೊತ್ತಿಲ್ಲ ಹೇಳಿ. ವಿದ್ಯಾರ್ಥಿಗಳು ಬೆಳಿಗ್ಗೆಯಿಂದ ಸಾಯಂಕಾಲದವರೆಗೆ ಹೊತ್ತೊಂಡೆ ಇರುತ್ತಾರೆ. ಅವುಗಳ ಜೊತೆಗೆ ಇರವಿ ಅಂತಾ ಹೇಳುತ್ತಾರೆ. ಆದರೆ ಈ ಓದಿಗು ಪುಸ್ತಕದ ಓದಿಗೂ ಬಹಳ ವ್ಯತ್ಯಾಸ ಇದೆ. ವಿದ್ಯಾರ್ಥಿಗಳ ಓದು ಅಂಕಗಳಿಗಾಗಿ ಮೀಸಲು. ನಮ್ಮ ಜೀವನ ಉನ್ನತ ಮಟ್ಟಕ್ಕೆ ಏರಬೇಕಾದರೆ ಜ್ಞಾನಾರ್ಜನೆ ಬಹು ಅವಶ್ಯ. ಜ್ಞಾನವನ್ನು ಪಡೆಯಬೇಕಾದರೆ ಪುಸ್ತಕಗಳು ಬೇಕು. ಪುಸ್ತಕಗಳಿಲ್ಲದೆ ಜ್ಞಾನಾರ್ಜನೆ ಸಾಧ್ಯವಿಲ್ಲ. ಸರಿ ಹಾಗಾದರೆ ಯಾವ ತರದ ಪುಸ್ತಕಗಳನ್ನು ಓದಿದರೆ ಜ್ಞಾನ ವೃದ್ಧಿಯಾಗುತ್ತೆ. ನಮ್ಮ ವ್ಯಕ್ತಿತ್ವವನ್ನು ಅರಳಿಸುವ, ನಮ್ಮ ಮನಸ್ಸನ್ನು ಉಲ್ಲಾಸಿತಗೊಳಿಸುವ, ನಮ್ಮ ಹೃದಯ ತುಂಬಿ ಬರುವ, ಬದುಕಿನ ಗುರಿ ಮುಟ್ಟಿಸುವಂತಹ ಪುಸ್ತಕಗಳು ನಮಗೇಬೇಕು. ಸಾಹಿತ್ಯ, ವಿಮರ್ಶೆ, ನಾಟಕ, ಕಲೆ, ವಿಜ್ಞಾನ, ಗಣಿತ, ಭೂಗೋಳಮ, ಖಗೋಳ, ಜ್ಯೋತಷ್ಯ ಎಲ್ಲದರ ಮೇಲೆಯೂ ಪುರಾತನ ಕಾಲದಿಂದ ಇವರೆಗೂ ಪುಸ್ತಕಗಳು ಲಭ್ಯ.

ಪುಸ್ತಕಗಳು ಮಿತ್ರರಿದ್ದಂತೆ, ಒಳ್ಳೆಯ ಔಷಧಿಯಂತೆ ಎಷ್ಟು ಸತ್ಯವಾದ ಮಾತಿದು. ನಮಗೆ ಬೇಸರಮಾಡಾಗ, ದುಃಖವಾದಾಗ, ಸಮಯ ಹೋಗದ ಸಂದರ್ಭದಲ್ಲಿ, ಮನಸ್ಸಿನ ಮಿಷಿಗಾಗಿ ಓದುವ ಸಂದರ್ಭದಲ್ಲಿ ಒಂದೊಳ್ಳೆ ಕಥೆಯೋ, ಕಾದಂಬರಿಯೋ, ವೈಚಾರಿಕ ಲೇಖನ, ನಾಟಕಗಳನ್ನೋ ನಮಗಿಷ್ಟವಾದುದನ್ನು ಓದಿದಾಗ ಅದರ ಅರಿವೇ, ಅರಿವು. ಒಳ್ಳೆಯ ಪುಸ್ತಕ ಓದಿದರೆ ಮನಸ್ಸಿಗಂಟದ ಕೊಳೆ, ಜಾಡ್ಯ, ಆಲಸ್ಯ ಎಲ್ಲ ದೂರವಾಗಿ ಮತ್ತೆ ಹೊಸ ಚಿಂತನೆಗಳೊಂದಿಗೆ, ಆಲೋಚನೆಗಳೊಂದಿಗೆ ಹೊಸತನವು ಸಿಗುತ್ತದೆ, ನಿಮಗೆ ನಿಮ್ಮತ್ತಂತ ಆತ್ಮೀಯ ಗೆಳೆಯ ಸಿಕ್ಕಾಗ ಎಷ್ಟು ಮಿಷಿ ಸಿಗುತ್ತದೆಯೋ ಹಾಗೆಯೇ ಒಳ್ಳೆಯ ಪುಸ್ತಕ ಓದಿದಾಗ ದಿವ್ಯ ಅನುಭವವಾಗುತ್ತದೆ.

ಆದರಿಂದ ನಮ್ಮ ಯುವ ಪೀಳಿಗೆಯ ಹವ್ಯಾಸಗಳನ್ನು ಅಪಲೋಕಿಸಿದಾಗ ಒಂದು ಕ್ಷಣ ಏನಾಗುತ್ತದೆಯೋ ಎಂಬ ಆತಂಕವನ್ನು ಸೃಷ್ಟಿಸುತ್ತೆ. ಓದಿನ ಬಗ್ಗೆ ಆಸಕ್ತಿಯನ್ನು ಕಳೆದುಕೊಂಡಿದ್ದಾರೆ. ನಮ್ಮ ನಾಡಿನ ಸಾಹಿತಿಗಳು, ವಿಜ್ಞಾನಿಗಳು, ಕಲಾವಿದರು ಹೀಗೆ ಯಾವುದು ಯಾರು ಏನು ಗೊತ್ತಿಲ್ಲ. ಓದುವ ಹವ್ಯಾಸವಿಲ್ಲ ಎಂದು.

ಸಂಸ್ಕೃತಿ – ನಾಗರಿಕತೆ

ಸಂಸ್ಕೃತಿ ಮತ್ತು ನಾಗರಿಕತೆ ಮಾನವ ಜೀವದ ಎರಡು ಮುಖಗಳಿದ್ದಂತೆ. ಸಂಸ್ಕೃತಿ ಇಲ್ಲದ ನಾಗರಿಕತೆಯನ್ನು ಪ್ರಾಣಿವಿಲ್ಲದ ದೇಹಕ್ಕೆ ಹೋಲಿಸಬಹುದು. ಪ್ರಕೃತಿಯಲ್ಲಿ ಅರಳಿನಂತ ಹೂಗಳಿಗೆ ಇರುವ ಸೊಬಗು, ಪರಿಮಳ, ಕೃತಕ ಹೂಗಳಿಗಿರುವುದಿಲ್ಲ. ಸಂಸ್ಕೃತಿ ಬದುಕುವ ಕಲೆಯನ್ನು ಕಲಿಸುತ್ತದೆ. ನಾಗರಿಕತೆ ದೇಹದ ಸೌಂದರ್ಯವನ್ನು ಹೆಚ್ಚಿಸುತ್ತದೆ. ಸಂಸ್ಕೃತಿ-ಅಂತರಂಗವನ್ನು ತೆರೆದು ತೋರಿಸಿದರೆ ನಾಗರಿಕತೆ ಬಹಿರಂಗವನ್ನು ತೋರಿಸುತ್ತದೆ. ಬಹಿರಂಗದ ಬೆಡಗು ಬಿನ್ನಾಣಗಳನ್ನು ಉಡುಗೆ – ತೊಡಿಗೆಗಳನ್ನು ಸಂಸ್ಕೃತಿ ಎಂದು ಭಾವಿಸುವವರೂ ಇದ್ದಾರೆ. ಆದರೆದು ತಪ್ಪು ಸಂಸ್ಕೃತಿ ಆತ್ಮಕ್ಕೆ ಜೀವನದ ವಿಧಾನಕ್ಕೆ ಸಂಬಂಧಿಸಿದ್ದಾಗಿದೆ. ನಾಗರಿಕತೆ ದೇಹಕ್ಕೆ ಸಂಬಂಧಿಸಿರುತ್ತದೆ. ಸಂಸ್ಕೃತಿ ನಾಗರಿಕತೆಯಲ್ಲಿ ನಾಗರಿಕತೆಯನ್ನು ಮೈಗೂಡಿಸಿಕೊಂಡವನು ಎಂದು ಸುಲಭದಲ್ಲಿ ಪತ್ತೆಹಚ್ಚಬಹುದು. ಆದರೆ ಒಬ್ಬ

ವ್ಯಕ್ತಿಯನ್ನು ಸುಸಂಸ್ಕೃತನೆಂದು ತಿಳಿದುಕೊಳ್ಳಲು ಸುಲಭ ಸಾಧ್ಯವಿಲ್ಲ. ನಾಗರಿಕತೆಯ ಗೀಳಿಗೆ ಬಿದ್ದವನು ಹಂತ ಹಂತವಾಗಿ ತನ್ನ ವ್ಯಕ್ತಿತ್ವದ ಹೊಳಪನ್ನು ಕಳೆದುಕೊಳ್ಳಬಹುದು. ಆದರೆ ಸಂಸ್ಕೃತಿಯನ್ನು ಅಳವಡಿಸಿಕೊಂಡವನ ಹೊಳಪು ಹೆಚ್ಚುತ್ತಲೇ ಹೋಗುತ್ತದೆ. ನಾಗರಿಕತೆಯನ್ನು ಹೊರಗಿನಿಂದ ತರಬಹುದು. ಸಂಸ್ಕೃತಿಯನ್ನು ಬೇರೆ ಕಡೆಯಿಂದ ಎರವಲು ತರಲಾರೀತೆ?

ಇಂದು ಮನುಷ್ಯ ಬೌತಿಕವಾಗಿ ಬಹಳ ಎತ್ತರಕ್ಕೆ ಬೆಳೆದಿದ್ದಾನೆ. ಬೆಳೆಯುತ್ತಲೇ ಇದ್ದಾನೆ. ಆದರೆ ಈ ಭೌತಿಕ ಬೆಳವಣಿಗೆಯನ್ನೇ ನಿಜವಾದ ಬೆಳವಣಿಗೆ ಎಂದು ಹೇಳಲಾಗುವುದಿಲ್ಲ. ಮನುಷ್ಯ ಬೆಳೆದಂತೆ ಅವನ ಚಿಂತನೆಗಳು, ಅವನ ಮನಸ್ಸು, ಆಲೋಚನೆಗಳು, ವಿಚಾರಗಳು, ಬೆಳೆಯಬೇಕು, ದೇಹ ಬೆಳೆದು ಹೃದಯ ಬೆಳೆಯದಿದ್ದರೆ ಉಪಯೋಗವೇನು? ವ್ಯಕ್ತಿತ್ವ ವಿಕಾಸಗೊಳಿಸುವ ಸಂಸ್ಕೃತಿಯನ್ನು ನಾವು ಮೈಗೂಡಿಸಿಕೊಳ್ಳಬೇಕು. ವಿದೇಶಕ್ಕೆ ಹೋದವರು ಅಲ್ಲಿ ಏನೇನು ಪ್ರಸಿದ್ಧವೋ ಅದನ್ನೆಲ್ಲ ತರಬಹುದು. ಹಾಗಂತ ಅಲ್ಲಿರುವ.

ಸರಳತೆ

ಸರಳತೆಯನ್ನು ಅಳವಡಿಸಿಕೊಂಡ ವ್ಯಕ್ತಿ ಸಮಾಜದಲ್ಲಿ ಒಳ್ಳೆಯವನೆನಿಸಿಕೊಳ್ಳುತ್ತಾನೆ. ಈ ಜಗದಲ್ಲಿ ಮಹಾ ಪುರುಷರೆಲ್ಲ ಸರಳ ಸಜ್ಜನಿಯಿಂದ ಕೂಡಿದವರಾಗಿದ್ದರು. ಬುದ್ಧನು “ಎಲ್ಲರಿಗಿಂತ ಕಿರಿಯವನು ಎಂದು ತಿಳಿದವನು ಎಲ್ಲರಿಗಿಂತ ಹಿರಿಯವನೆನಿಸಿಕೊಳ್ಳುತ್ತಾನೆ. –ಎಂದು ಹೇಳಿದ್ದಾರೆ. ಬಸವಣ್ಣನವರು “ ಎನಗಿಂತ ಕಿರಿಯರಿಲ್ಲ ಶಿವಭಕ್ತರಿಗಿಂತ ಹಿರಿಯರಿಲ್ಲ” ಎಂದು ತಮ್ಮ ಹಿರಿಮೆಯನ್ನು ಮೆರೆದಿದ್ದಾರೆ.

ಮನುಷ್ಯ ಅಹಂಕಾರದಿಂದ ಬೀಗಬಾರದು, ಅಹಂಕಾರ ಮನುಷ್ಯನ ಉನ್ನತಿಗೆ ಅಡ್ಡಿ ಮಾಡುತ್ತದೆ. ನಮ್ಮ ವರ್ತನೆಗಳು ವಿನಯದಿಂದ ಕೂಡಿದವೇಕು. ಮನುಷ್ಯ ಬಾಳೆಯಹಾಗೆ ಫಲ ಹೊತ್ತು ನಿಂತಂತಿರಬೇಕು. ಬಾಳೆಯ ಹಾಗೆ ಫಲ ಹೊತ್ತು ನಿಂತ ಮನುಷ್ಯ ವ್ಯಕ್ತಿ ಬೆಳೆಯುತ್ತಾನೆ. ಬಾಳುತ್ತಾನೆ. ಅಹಂಕಾರದಿಂದ ಬೀಗುವವನು ಬಿರುಗಾಳಿಗೆ ಸಿಕ್ಕು ಪತನ ಹೊಂದುತ್ತಾನೆ.

ಪ್ರಕೃತಿ ಈ ಭೂಮಿಯನ್ನು ಆಳುವ ಅಧಿಕಾರವಿದ್ದಾಗ್ಯೂ ವಿನಯದಿಂದ ಬಾಗುತ್ತದೆ. ಮನುಷ್ಯನುಕೂಡ ವಿನಯದ ಖಣಿಯಾಗಬೇದು, ಸರಳ ಸಜ್ಜನಿಕೆಯಲ್ಲಿ ಸಿಗುವ ಸುಖ ನಾನು ನನ್ನಿಂದ ಎನ್ನುವ ಅಹಂಕಾರದಿಂದ ಸಿಗುವುದಿಲ್ಲ ಬಸವಣ್ಣನವರು ಒಂದೆಡೆ ಮೇಲಾಗಲೊಲ್ಲೆನು ಕೀಳಾಗಲ್ಲದೆ, ಕೀಳಿಂಗಲ್ಲದ ಹಯನು ಕರೆವುದೆ? ಎಷ್ಟು ಮಾಮೂಲವಾಗಿ ಹೇಳಿದ್ದಾರೆ. ಬೆಳೆಬಾಳುವ ಒಡವೆ ಬಟ್ಟೆ ಧರಿಸಿದ್ದೆನಂದು ಅವು ಮಾಸುತ್ತವೆಯೆಂದು ಆಕಳ ಮೇಲೆ ಕುಳಿತು ಹಾಲು ಕರೆಯಲಾಗುವುದಿಲ್ಲ. ಉತ್ಕೃಷ್ಟ ಹಾಲು ಬೇಕೆಂದರೆ ಆಕಳ ಕಾಲಬಳಿದುಳಿತು ಕೆಚ್ಚಲಿಗೆ ಕೈ ಹಾಕಿ ಹಿಂಡಬೇಕು.

ದೇವಸ್ಥಾನದ ಗೋಪುರದ ಮೇಲೆ ಇದ್ದೆನೆಂದು ಅಹಂಭಾವ ಪಡಬಹುದು. ಆದರೆ ಕಾಗೆಗೆ ಅದು ದೇವರ ಕಳಸವೆಂಬುದು ಗೊತ್ತೇ ಅದರ ಮೇಲೆ ಕುಳಿತು ಮಲವಿಸರ್ಜನೆ ಮಾಡುತ್ತದೆ. ಗೋಪುರದ ಮೇಲಿನ ಕಳಸದ ಸ್ಥಿತಿ- ನಮ್ಮದಾಗಬಾರದು.

ಅಶೋಕ ಗಿಡವನ್ನು ನೋಡಬೇಕು. ಅದು ಮೇಲ ಮೇಲಕ್ಕೆ ಬೆಳೆದು ನಿಂತಿರುತ್ತೆ ಅದನ್ನು ನೋಡಬೇಕಾದರೆ ತಲೆ ಎತ್ತಿ ನೋಡಬೇಕು. ಆದರೆ ಎಲೆಗಳು ನೋಡಿ ಭೂಮಿಯತ್ತ ನೋಡುತ್ತಿರುತ್ತವೆ.

ಸುಖ ದುಃಖ

ಸುಖ ದುಃಖಗಳು ಮಾನವ ಜೀವನದ ಎರಡು ಮುಖಗಳಿದ್ದಂತೆ ಅಥವಾ ಒಂದೇ ನಾಣ್ಯದ ಎರಡು ಮುಖಗಳಿದ್ದಂತೆ. ಒಂದನ್ನು ಬಿಟ್ಟು ಇನ್ನೊಂದು ಇರಲಾಗುವುದಿಲ್ಲ. ಹಗಲು-ರಾತ್ರಿ ಅಥವಾ ರಾತ್ರಿ ಹಗಲು, ಒಂದನ್ನೊಂದು ಬಿಟ್ಟು ಇರಲಾಗದು. ಒಂದರ ನಂತರ ಒಂದು ಬಂದೇ ಬರುತ್ತದೆ. ಅಷ್ಟೊಂದು ಅನ್ಯೋನ್ಯತೆ ಅವಕ್ಕೆ ಹಾಗೆಯೇ ಸುಖ ದುಃಖಗಳು ಸುಖದ ನಂತರ ದುಃಖ ದುಃಖದ ನಂತರ ಸುಖ. ಇವೆರಡರಲ್ಲಿ ಯಾವುದೊಂದನ್ನು ಬೇಡವೆಂದರೂ ನಮ್ಮನ್ನು ಬಿಡುವುದಿಲ್ಲ. ಸುಖ ದುಃಖ ಜೀವನದ ಗೆಳೆಯರಿದ್ದಂತೆ. ಮನುಷ್ಯನ ಮನಸ್ಸು ಯಾವಾಗಲೂ ಸುಖದ ಕಡೆಗೆ ಇರುತ್ತದೆ. ಸುಖದ ಅನುಭವದಲ್ಲಿ ತೇಲಾಡುತ್ತಿರುವಾಗಲೇ ನಮಗರೆವಿಲ್ಲದಂತೆ ದುಃಖ ಬಂದಾಗಿತ್ತದೆ. ಮುಳ್ಳಿನ ಮಧ್ಯೆ ಹೂವು ಪರಿಮಳಿಸುವಂತೆ ದುಃಖದ ಮಧ್ಯೆ ಸುಖವಿರುತ್ತದೆ. ಹಾಗಂತ ಯಾರು ಕೂಡ ದುಃಖವನ್ನು ತುಂಬು ಮನಸ್ಸಿನಿಂದ ಸ್ವೀಕರಿಸುವುದಿಲ್ಲ. ದುಃಖ ಇರುವುದರಿಂದಲೇ ಸುಖಕ್ಕೆ ಬೆಲೆಯಿದೆ. ಒಂದು ಪಕ್ಷ ದುಃಖದ ಛಾಯೆಯೇ ಬರೆದಿದ್ದರೆ ಸುಖವನ್ನು ಯಾರು ಬಯಸುತ್ತಿರಲಿಲ್ಲವೇನೋ? ಅಲ್ಲಮಪ್ರಭುಗಳು ಒಂದೆಡೆ ಸಾಸುವೆಯಷ್ಟು ಸುಖಕ್ಕೆ ಸಾಗರದಷ್ಟು ದುಃಖವಿದ್ದು ಸಾಗರದಷ್ಟು ಸುಖವಿದ್ದಿದ್ದರೆ ಎಂದು ಬಯಸುವವರಿಗೇನು ಕಡಿಮೆಯಿಲ್ಲ. ದಾರ್ಶನಿಕರೊಬ್ಬರು ಬಹಳ ಸೊಗಸಾಗಿ ಈ ಸುಖ ದುಃಖದ ಬಗ್ಗೆ ಹೀಗೆ ಹೇಳುತ್ತಾರೆ, ಸುಖ ನಿಮ್ಮೊಂದಿಗೆ ಊಟ ಮಾಡುತ್ತಿರುವಾಗ ದುಃಖ ಅದಾಗಲೇ ಹಾಸಿಗೆ ಮೇಲೆ ಪವಡಿಸಿರುತ್ತದೆಂದು. ಎಷ್ಟು ನಿಜವಲ್ಲವೇ? ದುಃಖ ಬಂದಾಗ ಕುಗ್ಗದೆ ಸುಖ ಬಂದಾಗ ಹಿಗ್ಗದೆ ಸಮಚಿತ್ತದಿಂದ ಬದುಕು ಸಾಗಿಸಿದಾಗ ಮಾತ್ರ ಬದುಕು ಹಸನಾಗುತ್ತೆ.

ರಾಘವಾಂಕನ ಹರಿಶ್ಚಂದ್ರ ಕಾವ್ಯ ನೋಡಿದಾಗ ಹರಿಶ್ಚಂದ್ರಮಹರಾಜ ತನ್ನ ರಾಣಿ ಚಂದ್ರಮತಿ, ಮತ್ತು ಮಗ ಲೋಹಿತಾಶ್ವ - ಸುಖದ ಸುಪ್ಪತ್ತಿಗೆಯಲ್ಲ ಬೆಳೆದವರು ಅರಮನೆಯಲ್ಲಿ ವೃಷ್ಟಾನ್ನವನ್ನೊಂಡು ಬೆಳೆದವರು. ಆದರೆ ಕಾಲಿ ಚಕ್ರಕ್ಕೆ ಸಿಲುಕಿ ಮಹಾರಾಜ ಸ್ಮಶಾನ ಕಾಯುವ ವೃತ್ತಿ ಮಾಡಬೇಕಾಗಿ ಬರುತ್ತದೆ

ದೇಶಾಭಿಮಾನ - ನಾ ಕಂಡ ಯೋಧನ ಹೆತ್ತವರು...



MOHAN

USN : 1MS16CV412

Semester : 4th 'B'

Department : CIVIL

ಇಂದು ನಮ್ಮ ದೇಶ ಶಾಂತಿಯ ಪ್ರತೀಕವಾಗಿ ಇತರ ದೇಶಗಳ ಮೆಚ್ಚುಗೆಗೆ ಪಾತ್ರವಾಗಿದ್ದು ಈ ದೇಶದ ಪವಿತ್ರ ಮಣ್ಣಿಗೆರುವ ಗುಣದಿಂದ. ಇಂತಹ ಪವಿತ್ರ ಭೂಮಿಯನ್ನು ಸುತ್ತುವರೆದು ಹೊಂಚುಹಾಕಿ ನುಸುಳಿ ವಶಪಡಿಸಿಕೊಳ್ಳುವ ಆಸೆಯಿಂದ ಕಾಯ್ದಾ ಇರುವ ಶತ್ರು ದೇಶಗಳು ಪಾಕಿಸ್ತಾನ ಮತ್ತು ಚೀನಾ. ಗಡಿಯಲ್ಲಿ ನಿಂತು ಪ್ರಾಣದ ಹಂಗು ತೊರೆದು ಉಳಿದವರ ಮನೆಗಳ ರಕ್ಷಣೆಗಾಗಿ ತಮ್ಮ ಮನೆ ತೊರೆದು ಇಡೀ ದೇಶವನ್ನು ತಮ್ಮ ಮನೆಯಾಗಿಸಿ ಇದನ್ನು ಕಾಯ್ದಾ ಇರುವವರು ನಮ್ಮ ಹೆಮ್ಮೆಯ ಸೈನಿಕರು.

ಯೋಧರಿಗಿರುವ ಸಮರ್ಪಣಾ ಭಾವ ಇನ್ಯಾರಿಗೂ ಬರುವುದಕ್ಕೆ ಸಾಧ್ಯವೇ ಇಲ್ಲ. ಅವರು ತಮ್ಮ ದೇಹವನ್ನು ಈ ಪುಣ್ಯಭೂಮಿಗೆ ಮೀಸಲಿಟ್ಟು ಹೋರಾಡಿದ್ದಾರೆ ಹಾಗು ಹೋರಾಡುತ್ತಿದ್ದಾರೆ ಇಂತಹ ದೇಶಕ್ಕಾಗಿ ತಮ್ಮನ್ನು ತಾವು ಸಮರ್ಪಿಸಿಕೊಂಡು, ಅವರ ಪ್ರಾಣಕುಸುಮಗಳಿಂದಾದ ಹಾರದಿಂದ ಭಾರತಮಾತೆಯ ಕೊರಳಲ್ಲಿ ಅಜರಾಮರವಾಗಿ

ಮರೆಯುತ್ತಿದ್ದಾರೆ. ಈ ದೇಶಕ್ಕೆ ತಮ್ಮನ್ನು ತಾವು ಅರ್ಪಿಸಿದ ಪ್ರತಿಯೊಬ್ಬ ಸೈನಿಕನೂ ಕೂಡ ಬೆಲೆಕಟ್ಟಲಾಗದ ರತ್ನ. ಇಂತಹ ರತ್ನಗಳನ್ನು ಸೃಷ್ಟಿಸಿದ ಮಹಾಸಾಗರದಂತಿರುವ ಅವರ ಹೆತ್ತವರು ನಿಜವಾಗಿಯೂ ಧನ್ಯ. ಇಂತಹ ಪ್ರಜೆಗಳನ್ನು ಪಡೆದ ಭಾರತಾಂಬೆ ಧನ್ಯ. ಇಂತಹ ಮಹಾನ್ ದೇಶದಲ್ಲಿರುವ ನಾವು ಧನ್ಯ.

ಅಮೂಲ್ಯ ರತ್ನಗಳಲ್ಲಿ ಅತ್ಯಮೂಲ್ಯವಾಗಿ ಶೋಭಿಸುವವರು 26/11/2008ರಂದು ಮುಂಬೈ ಮೇಲೆ ದಾಳಿ ಮಾಡಿದ ಮುಷ್ಠಿಯಷ್ಟಿದ್ದ ಪಾಪಿ ಪಾಕಿಯ ಉಗ್ರರ ಜೊತೆ ವೀರೋಚಿತವಾಗಿ ಹೋರಾಡುತ್ತ 78/11ರಂದು ತಮ್ಮ ಪ್ರಾಣಕುಸುಮವನ್ನು ಭಾರತಾಂಬೆಯ ಕೊರಳ ಹಾರದಲ್ಲಿ ಸೇರಿಸಿದ ಮಹಾಯೋಗಿ ಮೇಜರ್ ಸಂದೀಪ್ ಉನ್ನಿಕೃಷ್ಣನ್ ಅವರ ಹೆತ್ತವರು ಕೆ. ಉನ್ನಿಕೃಷ್ಣನ್ ಹಾಗೂ ಧನಲಕ್ಷ್ಮಿ ಕೆ. ಉನ್ನಿಕೃಷ್ಣನ್ ಇವರಿಗೆ ಸಂದೀಪ್ ಒಬ್ಬರೇ ಮಗ. ಅವರೇ ಹೇಳುವಂತೆ ಸಂದೀಪ್ ಅಪ್ಪಟ ಚೆನ್ನ, ಬೇರೆ ಯುವಕರಿಗೆ ಮಾದರಿ. ಸಂದೀಪ್ ಯಾವಾಗಲೂ ತಮ್ಮ ತಾಯಿಗೆ ಹೇಳುತ್ತಿದ್ದಂತೆ “ನಾನು ನನ್ನನ್ನು ಈ ದೇಶಕ್ಕಾಗಿಯೇ ಮುಡಿಪಿಟ್ಟಿದ್ದೇನೆ ನಾನು ಹೋದ ಬಳಿಕ ನೀವು ಅನಾಥರಾಗುವುದಿಲ್ಲ ಬದಲಾಗಿ ಸದ್ಭಕ್ತಿಯ ಹೆಜ್ಜಾಗಿ ಬಂಧುಗಳು ನಿಮಗೆ ಸಿಕ್ತಾರೆ, ನನ್ನ ಸಹೋದರರಂತಿರುವ ಯುವಕರು ತಮ್ಮ ಆರೈಕೆಗಾಗಿ ಹಾತೊರೆಯುತ್ತಾರೆ.” ಇದನ್ನು ನಮಗೆ ಹೇಳುವಾಗ ಅವರ ತಾಯಿತಾಯಿ ಕಣ್ಣಿಂಚಿನಲ್ಲಿ ಬಂಧಿಯಾಗಿದ್ದ ಕಂಬನಿಯ ಹನಿಗಳು ಎಂಥವರ ಎದೆಯಲ್ಲೂ ದೇಶಾಭಿಮಾನದ ಕಿಚ್ಚು ಹೊತ್ತಿಸುವಂಥದ್ದು ಹಾಗೂ ತಾಯಿಯ ಮಮಕಾರ ತೋರಿಸುವಂಥದ್ದು. ಸಂದೀಪ್ ಅವರ ದೇಹ ತ್ಯಾಗದ ನಂತರ ಇರುವ ಒಬ್ಬ ಮಗನನ್ನು ಕಳೆದುಕೊಂಡು ಇಲ್ಲಿದ್ದು ಮಾಡುವುದಾದರೂ ಏನು ಎಂದು ಯೋಚಿಸಿ ತಮ್ಮನ್ನು ತಾವು ಕೊಂದುಕೊಂಡು ತಮ್ಮ ಮಗನನ್ನು ಸೇರುವ ಯೋಚನೆ ಅವರ ತಂದೆಯವರಿಗೆ ಬಂದಿತ್ತು. ಆದರೆ, ಸಂದೀಪ್ ಅವರ ತಾಯಿಗೆ ಹೇಳಿದಂತೆ ದೇಶಾಭಿಮಾನಿಗಳಾದ ಈ ದೇಶದ ಮಹಾಜನತೆ ಅವರಲ್ಲಿ ನವೋತ್ಸಾಹ ತುಂಬಿದರು. ಆ ಮಹಾಪೋಷಕರು ಇತರರ ಕಣ್ಣಿಂಚಿನಿಂದ ಹೊರಡುವ ದೇಶಾಭಿಮಾನದ ಕಿರಣಗಳಿಂದ ಮೂಡುವ ಬಿಂಬದಲ್ಲಿ ತಮ್ಮ ಮಗನನ್ನು ಕಾಣ್ತಾ ಇದ್ದಾರೆ. ಸಂದೀಪ್ ಅವರ ಮರಣದ ನಂತರ ಜನರು ಅವರನ್ನು ಒಂದೆಡೆ ವರ್ಷಗಳಲ್ಲಿ ಅವರನ್ನು ಮರೆತುಬಿಡುತ್ತಾರೆ ಎನ್ನುವುದು ಅವರ ತಂದೆಯ ಎಣಿಕೆಯಾಗಿತ್ತು. ಹಾಗಾಗಿ ಅಂದಿನ ಸರಕಾರ ನೀಡಿದ್ದ ಗೌರವಧನದಿಂದ ಒಂದು ಟ್ರಸ್ಟ್ ಸ್ಥಾಪಿಸಿ ಸಂದೀಪ್ ಅವರ ಹೆಸರನ್ನು ಚಿರಸ್ಮರಣೀಯವಾಗಿಸಿದರು. ಈ ಟ್ರಸ್ಟಿನಿಂದ ನಿವೃತ್ತ ಹಾಗೂ ಹುತಾತ್ಮ ಯೋಧರ ಕುಟುಂಬಗಳಿಗೆ ತಮ್ಮ ಕೈ ಮೀರಿ ಸಹಾಯ ಮಾಡ್ತಾ ಇದ್ದಾರೆ. ಅವರು ಬೇರೆಯವರಲ್ಲಿ ವಿನಂತಿಸಿಕೊಳ್ಳುವುದು ಇಷ್ಟೇ. ಯಾವ ಸೈನಿಕರ ಕುಟುಂಬಕ್ಕೆ ಏನಾದರೂ ತೊಂದರೆ ಇದ್ದರೆ ನಮಗೆ ತಿಳಿಸಿ, ನಮ್ಮ ಕೈಲಾದ ಸಹಾಯ ನಾವು ಮಾಡುತ್ತೇವೆ ಎಂದು. ಆದರೆ ನಮ್ಮ ಯೋಧರು ಮಹಾ ಸ್ವಾಭಿಮಾನಿಗಳು ತಮಗೆ ಏನೇ ತೊಂದರೆಯಿದ್ದರೂ ಬೇರೆಯವರ ಬಳಿ ಸಹಾಯ ಹಸ್ತ ಚಾಚುವವರಲ್ಲ. ಆದರೂ ಇಂತಹ ಯೋಧರ ಕುಟುಂಬಗಳನ್ನು ಹುಡುಕಿ ಅವರಿಗೆ ಸಹಾಯ ಮಾಡ್ತಾ ಬರುತ್ತಿದ್ದಾರೆ. ಇವರ ಜೊತೆಗೆ ಬಡ ಮಕ್ಕಳು ಹಾಗೂ ಅನಾಥ ಮಕ್ಕಳನ್ನು ಆರೈಕೆ ಮಾಡ್ತಾ ತಮ್ಮ ಮಗನನ್ನು ಅವರಲ್ಲಿ ಕಾಣ್ತಾ ಸಂತೋಷವಾಗಿದ್ದಾರೆ. ದೇಶಾಭಿಮಾನದ ಕಾರ್ಯಕ್ರಮಗಳಿಗೆ ಹೋಗಿ ತಮ್ಮ ಮಗನ ವೀರಗಾಥೆಯನ್ನು ಬಿತ್ತರಿಸುತ್ತಾ ದೇಶಪ್ರೇಮದ ಕ್ರಾಂತಿಯನ್ನು ಬೆಳೆಸುತ್ತಾ ಇದ್ದಾರೆ ನಿಜವಾಗಿಯೂ ಇಂತಹ ತಂದೆ-ತಾಯಿಯನ್ನು ಪಡೆದ ಸಂದೀಪ್ ಧನ್ಯ. ಸಂದೀಪರನ್ನು ಪಡೆದ ಈ ನಾಡು ಧನ್ಯ. ಈ ನಾಡಿನಲ್ಲಿರುವ ನಾವು-ನೀವೆಲ್ಲರೂ ಧನ್ಯ.

ಸಂದೀಪ್ ಅಣ್ಣ ಅಮರ್ ರಹೇ.....! !

ಮಗಳದು ಮುತ್ತಿನಂಥ ಮನಸು



Manjula J

Designation : Second Division Asst.

Department : ISE

ಮಗಳು: ಒಂದು ದಿನ ತಂದೆಯ ಹತ್ತಿರ ಶಾಂತಿ ಮತ್ತು ಸಹಜ ರೀತಿಯಿಂದ ಕೇಳಿದಳು... ಅಪ್ಪ ಎಂದಾದರೂ ನಾನು ನಿಮಗೆ ಕಣ್ಣಿರು ಬರುವಂತೆ ಮಾಡಿದ್ದೇನೆ.

ತಂದೆ : ತಂದೆ ಹೇಳಿದನು . . ಹೌದಮ್ಮ ಎಂದು

ಮಗಳು: ಮಗಳು ಆಶ್ಚರ್ಯ ಚಕಿತಳಾಗಿ ಕೇಳಿದಳು ಯಾವಾಗ ಅಪ್ಪ ಎಂದು?

ತಂದೆ: ತಂದೆ ಶಾಂತಿ ರೀತಿಯಿಂದ ಹೇಳಿದನು. ಮಗಳೇ ನಿನಗೆ ಒಂದು ವರ್ಷ ವಯಸ್ಸು ಇರುವಾಗ ಮೋಣಕಾಲಿನಲ್ಲಿ ಒಡಾಡುತ್ತಿದ್ದೆ. ನಾನು ನಿನ್ನ ಹತ್ತಿರ ಹಣ, ಪೆನ್ ಮತ್ತು ಆಡುವ ವಸ್ತುಗಳನ್ನು ಇಟ್ಟು ನಿನ್ನ ಕಡೆ ಗಮನ ಕೊಟ್ಟಿದ್ದೆ. ನೀನು ಮೂರು ವಸ್ತುಗಳಲ್ಲಿ ಯಾವ ವಸ್ತುವನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳುತ್ತೀಯೆ ಎಂದು. ನೀನು ಯಾವುದನ್ನು ಆಯ್ಕೆ ಮಾಡುತ್ತೀಯೆ ಅದೇ ವಸ್ತುವು ನಿನಗೆ ಭವಿಷ್ಯದಲ್ಲಿ ಅತಿ ಪ್ರೀತಿ ಆಗುತ್ತದೆ ಎಂದು ನನ್ನ ಅನಿಸಿಕೆ ಇತ್ತು.

ಹಣ ಅಂದರೆ ಸಂಪತ್ತು, ಪೆನ್ ಅಂದರೆ ಬುದ್ಧಿ ಮತ್ತು ಆಡುವ ವಸ್ತುಗಳು ಅಂದರೆ ಆನಂದ ನೀನು ಒಂದು ಜಾಗದಲ್ಲಿ ಕುಳಿತುಕೊಂಡು ಮೂರು ವಸ್ತುಗಳನ್ನು ಒಂದೆ ದೃಷ್ಟಿಯಿಂದ ನೋಡುತ್ತಿದ್ದೆ ನನಗೆ ನಿನ್ನ ಆಯ್ಕೆಯ ಬಗ್ಗೆ ಬಹಳ ಉತ್ಸಾಹ ಇತ್ತು. ಅಂಬೆಗಾಲಿನಿಂದ ಒಂದು ಕ್ಷಣದಲ್ಲಿ ಮೂರು ವಸ್ತುಗಳನ್ನು ಬದಿಗೆ ಸರಿಸಿ ನೀನು ಬಂದು ನನ್ನ ತೊಡೆಯ ಮೇಲೆ ಕುಳಿತುಕೊಂಡೆ. ನನಗೆ ಧ್ಯಾನ ಇರಲಿಲ್ಲ ನಿನಗೆ ಮೂರು ಆಯ್ಕೆಗಳಿಗಿಂತ ಮತ್ತೊಂದು ಆಯ್ಕೆ ಬಹಳ ಮುಖ್ಯವೆಂದು... ನೀನು ಕುಳಿತುಕೊಂಡು ನನ್ನ ಜೊತೆ ಆಟವಾಡುತ್ತಿರುವಾಗ ನಿನ್ನ ಮೂರು ವರ್ಷದ ಅಣ್ಣ ಅಲ್ಲಿಗೆ ಬಂದನು. ಹಣ ಕಣ್ಣಿಗೆ ಬೀಳುತ್ತಲೆ ಅದನ್ನು ಎತ್ತಿಕೊಂಡು ಓಡಿ ಹೋದನು.. ಅದು ಮೊದಲು ಮತ್ತು ಕೊನೆಯ ಸಲ ಮಗಳ ನೀನು ನನ್ನನ್ನು ಅಳುವಂತೆ ಮಾಡಿದ್ದು ಅಂದು ನಾನು ಬಹಳ ಕಣ್ಣಿರು ಇಟ್ಟೆನು... ಈ ಭೂಮಂಡಲದಲ್ಲಿ ಭಗವಂತನು ಕೊಟ್ಟ ಅಪರೂಪದ ವಜ್ರ ಅಂದರೆ ಮಗಳು. ನೋಡಿ ಯಾವ ರೀತಿ ಮಗಳ ಬಗ್ಗೆ ಒಳ್ಳೆಯ ನುಡಿಗಳನ್ನು ಬರೆದಿದ್ದಾನೆ ಒಬ್ಬ ತಂದೆ.

ನಮಗೆ ಸುಖದ ಸಮಯದಲ್ಲಿ ಜೊತೆಗಾರರು ಬೇಕು ಆದರೆ ದುಃಖದ ಸಮಯದಲ್ಲಿ ಒಬ್ಬ ಮಗಳು ಇದ್ದರೆ ಸಾಕು...

ಬದುಕಿನ ಹೋರಾಟ!!



Vanyashree

USN : 1MS16SSE26

Semester : 4th 'B'

Department : CIVIL

ಬದುಕೆಂಬುದು ತೂಗುತಿಹ ಉಯ್ಯಾಲೆ

ಸುಖ-ದುಃಖವಾಡುತಿಹ ಕಣ್ಣ ಮುಚ್ಚಾಲೆ.....

ಬರಬಹುದು ಒಂದಾದ ಮೇಲೊಂದು ಸೋಲುಗಳ ಸರಮಾಲೆ

ಇರಬಹುದು ಗೆಲುವು ಒಂದು ಮೆಟ್ಟಿಲ ಮೇಲೆ!!

ಬದುಕೆಂಬುದೊಂದು ಮನಸು ಕಾಣುವ ಕನಸು

ಉಳಿಯುವುದು ಕಡೆಗೆ ಬರಿ ನೆನಪ ತಿನಿಸು.....

ಯಾರೋ ಆಡುತಲಿಹರು ಪಗಡೆ ದಾಳದ ಆಟ

ಅನುದಿನವು ನಡೆಸುತಿರು ಬಿಡದೆ ಜೀವನದ ಹೋರಾಟ!!

ಹಂಬಲಿಸಿದ ಮನ

ಬಾಳೆಂಬ ಪುಟ್ಟ ನೌಕೆಯಲ್ಲಿ

ನಾನಿರುವ ಸಮುದ್ರದ ಮಧ್ಯದಲ್ಲಿ...

ಕಷ್ಟ ಸುಖ ಎಂಬ ಅಲೆಗಳಲ್ಲಿ

ತೇಲಾಡುತಿರುವ ನಾ ಸುಖ-ದುಃಖದಲ್ಲಿ...

ಮುಂದೆ ಹೋಗಬೇಕೆಂಬ ಹಂಬಲ ಮನದಲ್ಲಿ

ಹಿಂದೂಡುತ್ತಿರುವ ಅಲೆಗಳು ಎದುರಿನಲ್ಲಿ...

ಎಲ್ಲವನ್ನೂ ಮೀರಿಸಿ ಭಲದಲ್ಲಿ

ಮುಂದೊರೆದೆ ನಾ ಬದುಕಿನಲ್ಲಿ...

ಮುಂದೊರೆದು ನಾ ಗಳಿಸಿದೆ ವಿಜಯದಲ್ಲಿ

ಮರೆತೆ ನಾ ನನ್ನನ್ನೇ ಸಂತೋಷದಲ್ಲಿ

ಆಗ ಅನಿಸಿತು ಇನ್ನೂ ಸಾಧಿಸಬೇಕೆಂದು ಜೀವನದಲ್ಲಿ

ಮತ್ತೆ ಹೊರಟೆ ನಾ ಜಯದ ಹುಡುಕಾಟದಲ್ಲಿ!...

ಪ್ರಿಯ ಕಲಾಂಜೀ



RAVI H.R

Designation : Assistant Instructor

Department : EEE

ಆಯಸ್ಕಾಂತದಂತೆ ಸೆಳೆದಿರಿ ಯುವ ಜನವ

ಸರಳತೆಯಿಂದ ಗೆದ್ದಿರಿ ಕೋಟಿ ಕೋಟಿ ಮನವ

ಈ ಜಗಕ್ಕೆ ಸ್ಫೂರ್ತಿ ನೀವಾದಿರಿ ಸಾಕಾರ ಮೂರ್ತಿ

ಕ್ಷಿಪಣಿ ಜನಕ, ಪರಮಾಣು ಸಾಧಕ

ಉಪಗ್ರಹ, ಉಪನ್ಯಾಸವೇ ಕಾಯಕ

ಭಾರತ ಮಾತೆಯ ಹೆಮ್ಮೆಯ ಪುತ್ರ

ಕನಸು ಕಾಣಿರಂದಿರಿ, ಕಣ್ಮರೆಯಾದಿರಿ

2020ರ ಸೂತ್ರ ಕೊಟ್ಟು ಎಲ್ಲಿ ಹೋದಿರಿ? ಎಲ್ಲಿ ಹೋದಿರಿ??

ಸಮರ್ಪಣೆ

ಸುಡುಬಿಸಿಗೆ ಮೈಯೊಡ್ಡುವ

ಹೊಲಗದ್ದೆಯಲ್ಲಿ ದಿನ ದುಡಿಯುವ

ಕಟ್ಟಡ ಕಾರ್ಖಾನೆಯಲ್ಲಿ ಬೇಯುವ

ಆ ಮಂದಿಯ ಆ ಮೌನವ

ನೀ ಕೇಳಿಕೋ ಓ ರವಿ ದೇವ

ತಂಪಾಯಿಸು ದುಡಿಯುವ ಮನವ!

ಮರಳಿ ಬಾ ವೀರ ಯೋಧ

ದೇಶ ಸೇವೆಗೆ ಮುಡಿಪು
ಎಷ್ಟು ಸುಮಧುರ ನಿನ್ನ ನೆನಪು
ಹರಿಸಿದೆ ತಾಯಿ ರಕ್ತಕ್ಕೆಗೆ ನೆತ್ತರ
ಬಿಟ್ಟು ಹೋದೆ ನಿನ್ನ ಹೆತ್ತವರ
ಕೊಟ್ಟು ಹೋದೆ ಶಾಂತಿಯೆಂಬ ವರ
ಹೇಳಲೇನಿದೆ ನಮ್ಮ ಹತ್ತಿರ
ಕೈ ಜೋಡಿಸುವುದೊಂದೇ ನಮ್ಮತ್ತರ!

ಮಗು

ಮಗುವಿನ ನಗುವಲಿ
ಮರೆವಳು ತಾಯಿ ನೂರು ನೋವು
ಮಗುವಿನ ಜಗದಲಿ
ಮರೆವನು ತಂದೆ ನೀಡಿ ಜೀವ
ಮಗುವಿನ ತೊದಲಲಿ ಮೂಡುವ ಮುತ್ತು
ನಗುವಿನ ಮನೆಯ ಖಾಸಗಿ ಸ್ವತ್ತು
ಮಗುವಿನ ಮನವು ನಿಮಗಿರಲಿ!

ಜೀವನ ಸಂಗಾತಿ

Shree Lakshmi H.K

Department : Computer Science (Staff)

ಜೀವನದ ನೌಕೆಯ ನಾವಿಕನಿವ
ವರದಂತೆ ಬಂದು ಬಾಳ ಬೆಳಗಿದವ
ನನ್ನ ನಲೆಯ ಗೆಳೆಯನಿವ
ಸಂಗಡಗನಾಗಿ ನನ್ನ ಮನಸ್ಸನ್ನು ಗೆದ್ದ
ಗಾರುಡಗನಿವ
ತಿರುಗಿ ಮುಂದಿನ ಜನ್ಮದ ಜೊತೆಗಾರಿನಿವ
ನನ್ನ ಬಾಳ ಸಂಗಾತಿ

HINDI ARTICLE AND POEMS

एक बार खुद में झाँक कर तो देखो

Adithya Swaroop

USN : IMS14EE005 (ISE Dept)

Semester: - VI Sem

Department: EEE



माना होंगी बाधायेँ अनेक जीवन में तुम्हारे,
होगा भाग्य तुम्हारे अथाह अंधकार भी,
कन्ति तुँ हार कर नष्काम न बैठो,
है उस रात में भी प्रकाश अखण्ड,
एक बार मुकाम पर नज़र टकि कर तो देखो।
मलि जाएँगी ज्योतस्त्रोत अनन्त तुम्हें,
एक बार पलकें उठा के तो देखो,
झूब गया सूरज का प्रकाश तो क्या हुआ,
एक बार चाँद की शीतल रौशनी पर विश्वास कर के
तो देखो।

क्यों है रात के अँधरे को नपना,
एक बार अपने दिल की रौशनी के गहराई में उतर कर
तो देखो,
क्यों है दूसरों की डोर थाम अँधरे में चलना,
एक बार मन की दशा में अपने कुछ कदम चल के तो
देखो।

रौशनी बहुत है तुम्हारे लिए यहाँ,
एक बार उस अँधरे से निकल कर तो देखो,
होगा दुःखों का पहाड़ बड़ा तुम्हारे लिए,
एक बार पंख खोल दुनियाँ के परे उड़ के तो देखो।
ना होंगे साथी तुम्हारे अनेक,
एक बार खुद को ही अपना साथी बना के तो देखो,
खुशियाँ मलिं न मलिं तुम्हें,
एक बार गम पर मुस्कुरा कर तो देखो।
अंधेरा दखाएगा रास्ता तुम्हें,
एक बार अपनी क़ाबलियत पर नाज कर के तो देखो,
एक बार अंधेरे में भी जश्न मना के तो देखो,
एक बार खुद को आजमा के तो देखो
एक बार खुद में झाँक कर तो देखो॥

मन में ज्वाला अब भी है

SHASWAT

USN : 1MS15IS109 (ISE Dept)

Semester: - 4th Sem

Department : ISE



मन में ज्वाला अब भी है, मस्तक में
शोला अब भी है।

हरदय में धड़कन अब भी है, इस
सीने में श्वास अब भी है।

तू देख मेरे वतन को सम्मान से,
नहीं तो तेरा इतिहास मटि जाएगा।
तू क्या मांगता है कश्मीर हमसे,
तेरा लाहौर भी छीना जाएगा।

तू करता है हमले हम पर,
हम धैर्यपूर्वक सह लेते हैं। तमत
जसि दनि दूटेगा बाँध तमतका,
तेरा अस्तित्व ही मटि जाएगा।

तू भूल गया उन संग्रामों को,
जब तू हारा करता था,
तब तू पराजय के उपरांत,
शांतिसमझौते किया करता था।
तू भूल गया 1971 को,
जब घूस-घूसकर हमने मारा था,
तब तू केवल हमसे ही नहीं,
बल्कि इंसानयित से भी हारा था।

तू भूल गया वो दनि,
जब हम कारगलि जीत कर आये थे,
तू भूल गया वो दनि,
जब कराची नष्ट कर आये थे।

तू करता है स्वयं,
आतंकवाद को पैदा,
और पीड़ति बन कर रोता है,

लेकिन सारा संसार जानता है,
किये भी एक ढोंग है, ये भी एक धोखा है।
तू छोड़ दे कश्मीर का सपना,
क्या इतने सालों में,
बलोचस्तान बन पाया तेरा अपना ?

जो बीत गयी, वो बात गयी,
ये कहकर छोड़ जाते हैं,
इसका अर्थ ये मत समझना ,
कयिुद्ध से हम घबराते हैं।

हम इस देश के शत्रुओं को चेतावनी ये देते हैं,
कहिम केवल भाषणों व कवितियों से हे नहीं,
बल्कि बिंदूकों से भी उत्तर देते हैं।

SKETCHES



Prerana Giri
Semester : 4th
Department : CSE

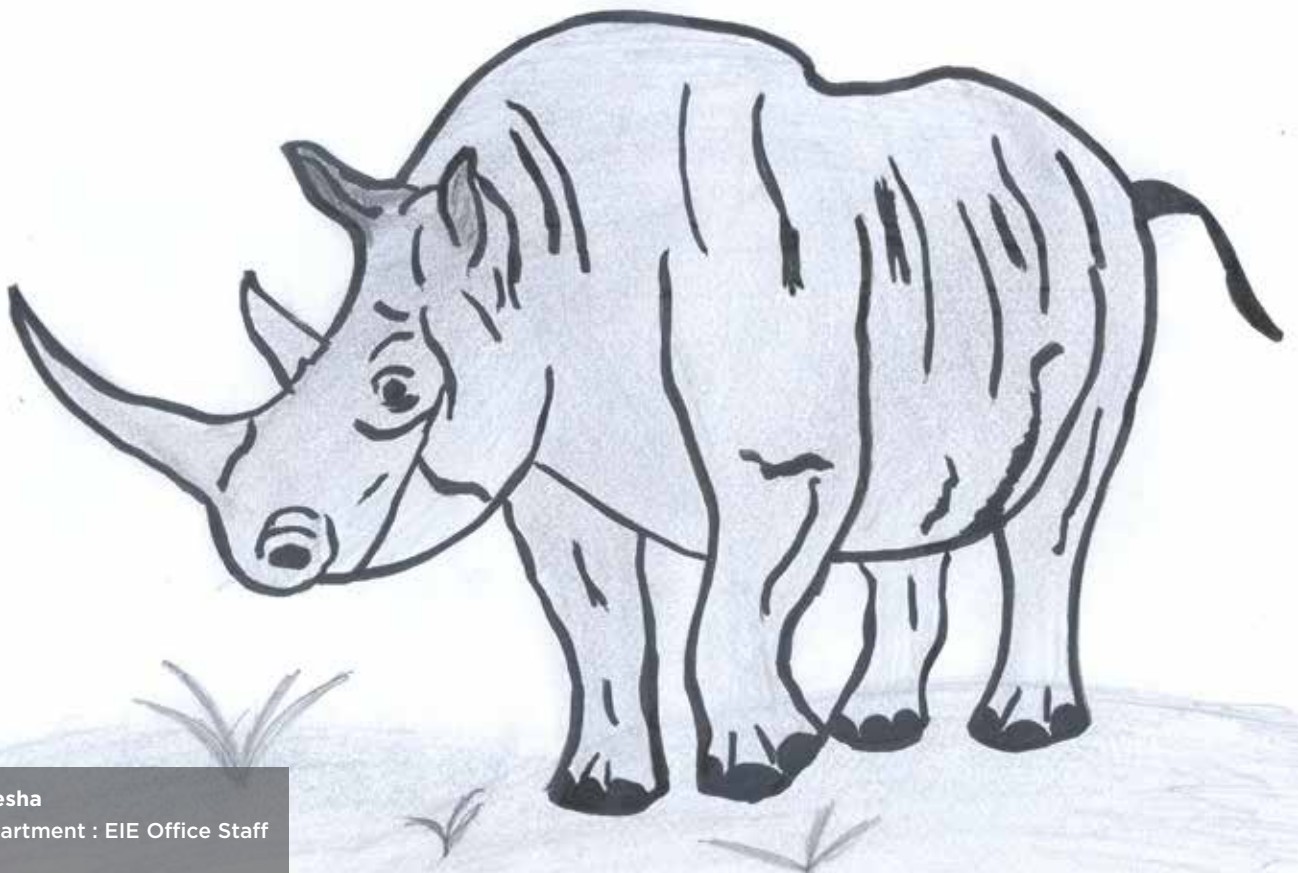
SKETCHES

Vinay Kumar C.L
Semester : 6th
Department : Mechanical



Vinay Kumar C.L
Semester : 6th
Department : Mechanical

SKETCHES



Suresha
Department : EIE Office Staff

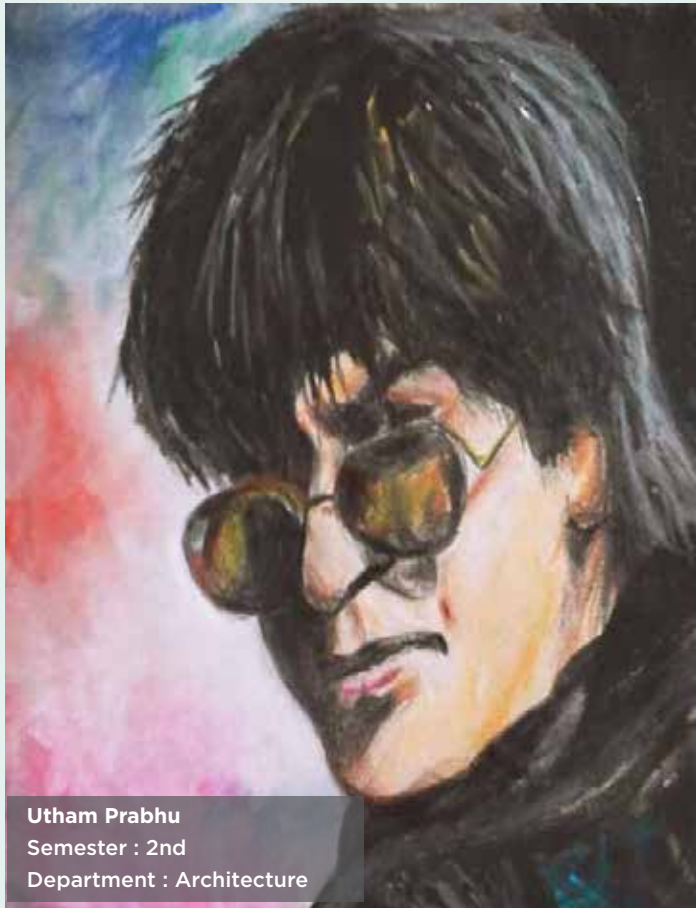


Saniya Mukthar
Semester : 2nd
Department : Architecture



Hemanth Kumar. S
Semester : 4th
Department : E&C

PAINTINGS



PAINTINGS



M.K. Bhagirathi
Semester : 2nd
Department : Architecture



Sejal Sanjay Shanbhag
Semester : 8th
Department : Architecture

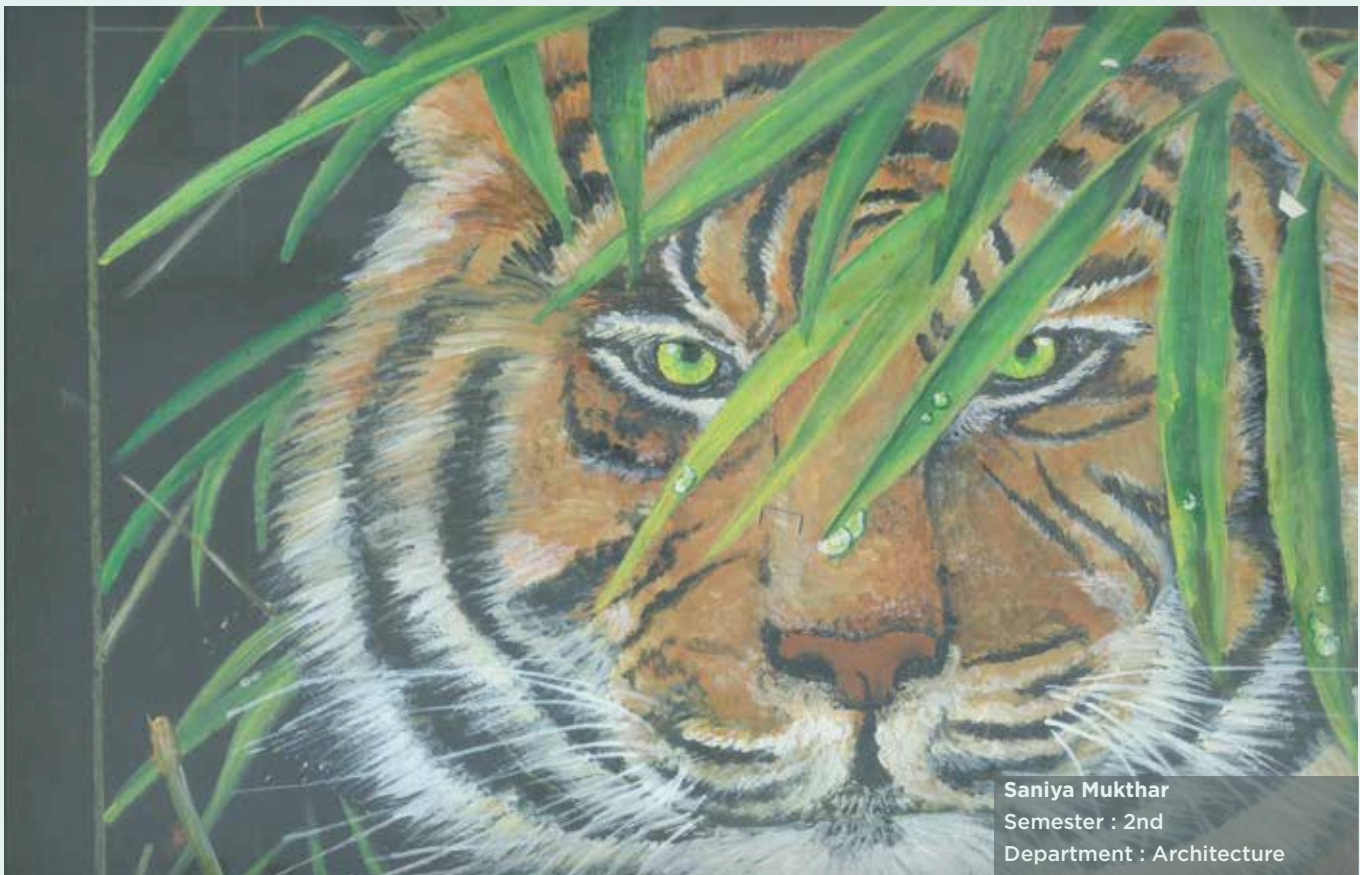


Sejal Sanjay Shanbhag
Semester : 8th
Department : Architecture

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Pavitra M. Shivanagutti
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Semester : 2nd
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