



SIRMVIT

Sir M. Visvesvaraya Institute of Technology
BENGALURU



ಬೃಂದಾವನ-೨೦೧೯

ಫೆಬ್ರವರಿ-೨೦೧೯

BRINDAVANA

2019





“To make our country great, self-supporting and strong, work hard, work harder work with efficiency, work in a co-operative spirit and work with a team spirit.”

Sir M.Visvesvaraya

Our Vision

To be a center of excellence in technical and management education concurrently focusing on disciplined and integrated development of personality through quality education, sports, cultural and co-curricular activities.

To promote transformation of students into better human beings, responsible citizens and competent professionals to serve as a valuable resource for industry, work environment and society.

Mission

To impart quality technical education, provide state-of-art facilities, achieve high quality in teaching-learning & research and encourage extra & co-curricular activities.

To stimulate in students a spirit of inquiry and desire to gain knowledge and skills to meet the changing needs that can enrich their lives.

To provide opportunity and resources for developing skills for employability and entrepreneurship, nurturing leadership qualities, imbining professional ethics and societal commitment.

To create an ambience and nurture conducive environment for dedicated and quality staff to up-grade their knowledge & skills and disseminate the same to students on a sustainable long term basis.

To facilitate effective interaction with the industries, alumni and research institutions.

Quality Policy

We shall consistently endeavor to achieve high standards of quality in technical education and integrated personality development of students so as to meet the continuing demands of the society.

FOUNDER TRUSTEES



Late Sri A S Kuppa Raju
Founder Trustee



Late Sri A S Chinnaswamy Raju
Founder Trustee



Late Sri S N Raju
Founder Trustee



Sri M Varada Raju
Founder Trustee



Dr. A C Chandrashekar Raju
Founder Trustee



Sri K Syama Raju
Founder Trustee



Sri V Srinivasa Raju
Founder Trustee



Sri K Changama Raju
Founder Trustee



Sri V Anantha Raju
Founder Trustee



Sri N Vasudeva Raju
Founder Trustee



Late Sri Y Subba Raju
Founder Trustee



Sri L K Raju
Founder Trustee



Sri K Muniswamy Raju
Founder Trustee



Late Sri N Narayana Raju
Founder Trustee



Sri K V Sekhar Raju
Founder Trustee



Late Sri M Gopal Raju
Founder Trustee



Sri K Narayana Raju
Founder Trustee



Sri M Venkataramana Raju
Founder Trustee



Late Sri K Rama Raju
Founder Trustee



BOARD OF TRUSTEES



Sri M Varada Raju
Founder Trustee



Dr. A C Chandrashekar Raju
Founder Trustee



Sri K Syama Raju
Founder Trustee



Sri V Srinivasa Raju
Founder Trustee



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Trustee



Sri N G Raju
Trustee



Sri Y Jagadish Raju
Trustee



Sri Sanjay K Raju
Trustee



Sri K Gopala Raju
Trustee



Sri G Prabhakar Raju
Trustee



Sri C S Sunder Raju
Trustee



Sri V Madhu
Trustee



Sri K C Chandrashekar Raju
Trustee

Office Beares

Dr. A C Chandrashekar Raju

President

Sri K V Sekhar Raju

Vice President

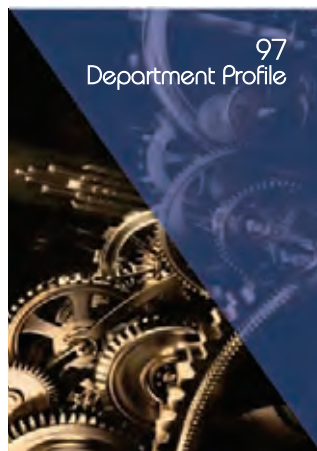
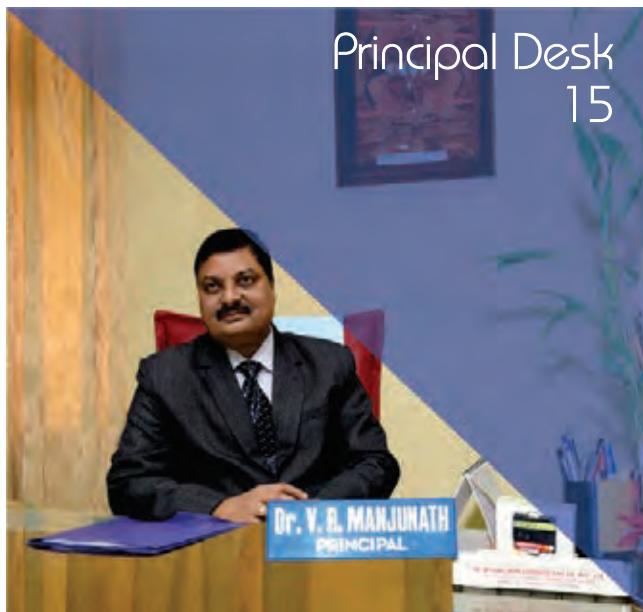
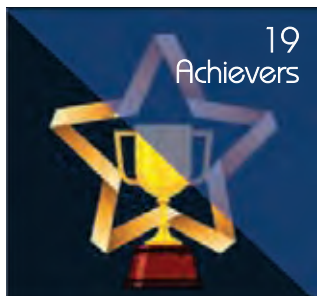
Sri K. Syama Raju

Secretary

Sri M. Venkataramana Raju

Treasurer

What's inside...



GOVERNING BODY MEMBERS

Dr. A. C. CHANDRASHEKAR RAJU (Businessman)	CHAIRMAN
Sri K. V. SEKHAR RAJU (Businessman)	MEMBER
Sri K. SYAMA RAJU (Industrialist)	MEMBER
Sri M. VENKATARAMANA RAJU (Businessman)	MEMBER
Sri M. VARADA RAJU (Businessman)	MEMBER
Sri V. ANANTHA RAJU (Businessman)	MEMBER
Sri L. K. RAJU (Educationist)	MEMBER
Sri K. MUNISWAMY RAJU (Educationist)	MEMBER
Sri G. PRABHAKAR RAJU (Businessman)	MEMBER
Sri BHASKAR N. RAJU (Businessman)	MEMBER
Dr. R. NATARAJAN (Academician)	MEMBER
Dr. RAJANIKANTH K. (Academician)	MEMBER
Director of Technical Education, Karnataka	State Govt. Nominee
The Director, AICTE, SWRO, Bangalore	AICTE Representative
Dr. B. M. SATISH (Principal, APSCE, Bangalore)	VTU Nominee
Dr. H. G. NAGENDRA (HOD, BT)	Faculty Representative
Dr. E. KAVITHA (HOD, TCE)	Faculty Representative
Dr. V. R. MANJUNATH (Principal)	Member Secretary

BRINDAVANA
2019



MESSAGES



VAJUBHAI VALA
Governor of Karnataka

No. GS 30 MSG 2019

26th March, 2019

MESSAGE

I am happy to know that Sir M. Vishveshwaraya Institute of Technology, Bengaluru, is bringing out an Annual college magazine "Brindavana -2019" to encourage the skills of the students and the Staff.

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

(VAJUBHAI VALA)

ತಂತ್ರಿ : ಟೆಕದನ್



**ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಇಲಾಖೆ**

ದೂರವಾಣಿ : 22200291

ಫ್ಯಾಕ್ಸ್ : 22261212

ಶ್ರೀ ಹೆಚ್.ಯು.ತಳವಾರ್, ಬಿ.ಇ., ಎಂ.ಟೆಕ್. (ಹೆಚ್‌ಆರ್‌ಡಿ)
ನಿರ್ದೇಶಕರು.

ಅರಮನೆ ರಸ್ತೆ,
ಬೆಂಗಳೂರು-560 001

ಸಂಖ್ಯೆ : ಡಿಟಿಇ 02 ಪಿಎಸ್.2019

ದಿನಾಂಕ : 21-03-2019



: ಶುಭ ಸಂದೇಶ :

ಪ್ರಾಚಾರ್ಯರು, ಸಿಬ್ಬಂದಿ ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿ ವೃಂದಕ್ಕೆ,

ಪ್ರಾಚಾರ್ಯರು, ಸರ್. ಎಂ. ವಿಶ್ವೇಶ್ವರಾಯ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ, ಬೆಂಗಳೂರು ಇವರು ತಮ್ಮ ಸಂಸ್ಥೆಯ ವಾರ್ಷಿಕ ಸಂಚಿ “BRINDAVANA - 2019” ವನ್ನು ಹೊರತರುತ್ತಿದ್ದು, ಸದರಿ ಸಂಚಿಕೆಯು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅಡಗಿರುವ ಜ್ಞಾನ ಪ್ರತಿಭೆಯನ್ನು ಪ್ರದರ್ಶಿಸುವ ಉತ್ತಮ ಮಾಧ್ಯಮವಾಗಲಿ ಹಾಗೂ ಅತ್ಯುತ್ತಮವಾಗಿ ಮೂಡಿಬರಲೆಂದು ಹಾರೈಸುತ್ತೇನೆ. ಸಂಸ್ಥೆಯು ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣದ ಗುಣಮಟ್ಟಕ್ಕೆ ಹೆಚ್ಚಿನ ಒತ್ತು ಕೊಟ್ಟು ವಿದ್ಯಾರ್ಥಿಗಳ ಉತ್ತಮ ಭವಿಷ್ಯ ರೂಪಿಸುವಲ್ಲಿ ಯಶಸ್ವಿಯಾಗಲಿ ಎಂದು ಆಶಿಸುತ್ತೇನೆ.

ಈ ಸುಸಂದರ್ಭದಲ್ಲಿ ಸಂಚಿಕೆಯು ಅತ್ಯುತ್ತಮವಾಗಿ ಮೂಡಿಬರಲು ಶ್ರಮವಹಿಸಿರುವ ಸಂಸ್ಥೆಯ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿ ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿ ವರ್ಗದವರಿಗೂ ಶುಭ ಹಾರೈಸುತ್ತೇವೆ.

(ಹೆಚ್.ಯು. ತಳವಾರ್)

ನಿರ್ದೇಶಕರು

ಇವರಿಗೆ

ಪ್ರಾಚಾರ್ಯರು,

ಸರ್. ಎಂ. ವಿಶ್ವೇಶ್ವರಾಯ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ,
ಬೆಂಗಳೂರು.



Visvesvaraya Technological University

"Jnana Sangama"

Belagavi - 590 018, Karnataka State.

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

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

Ref. No.: VTU/VCS/2019-20/02

Date: 04-04-2019



Message

It gives me immense pleasure to note that Sir M. Visvesvaraya Institute of Technology, Bangalore, is bringing out its College Magazine 'BRINDAVANA - 2019'.

I wish all the best to the college which is established in the year 1986 and conceived as one of the premier Institutions of Higher Education in the state of Karnataka in these years.

All the best to the college magazine 'BRINDAVANA - 2019' which will be a documentation of academic and other achievements and will provide medium for creative expression and artistic talent of the students and staff of the College.


Dr. Karisiddappa
Vice Chancellor

To:

The Principal,
Sir M. Visvesvaraya Institute of Tech.,
Krishnadevarayanagar, Hunasamaranahalli,
International Airport Road, Bangalore – 562 157.



Visvesvaraya Technological University

Belagavi – 590 018, Karnataka State, INDIA

Prof. Satish Annigeri Ph.D.
Registrar (Evaluation)

Phone : (0831) 2498131

Fax : (0831) 2498184

Ref. No/VTU/BGM/Reg (E)/PS/2018-2019/ 1466

Date : 09.04.2019



MESSAGE

It is indeed a matter of pride and joy to know that Sir M Visvesvaraya Institute of Technology, Bengaluru is bringing out magazine **“BRINDAVANA - 2019”**, where the students and staff are given a platform to showcase their talents through the articles of Technical and General interests, Pencil Sketches, Paintings and Photographs. Such events in educational institutions are very important as they will definitely kindle the creative spark among students and staff to stretch their imagination into the different frontiers of engineering and pen their dreams, visions, perceptions and projections. It is truly an occasion to bring out the very best talents among the students.

I would like to congratulate the students and the staff of the editorial committee for their efforts in bringing out this magazine and wish all the other students of Sir M Visvesvaraya Institute of Technology, Bengaluru the very best learning experience during their stay at this institution.

(Dr. Satish Annigeri)
REGISTRAR (EVALUATION)

To,
The Principal
Sir M Visvesvaraya Institute of Technology,
Bengaluru

Sri Krishnadevaraya Educational Trust

No. 16, Ballari Road, Sadashivanagar, Bengaluru-560 080



Message

Dr. A.C. CHANDRASHEKAR RAJU

PRESIDENT

I am indeed happy to learn that Sir M. Visvesvaraya Institute of Technology, Bengaluru is bringing out Annual Magazine. **"BRINDAVANA-2019"** on the occasion of College Day Celebrations scheduled to be held in the month of April 2019.

Another glorious year has passed, another set of students have joined-in with dreams in their eyes with promises of all hues beyond the shades of the nature, enthusiastic to build their own world and to make the difference. On this occasion. I wish to share a bit of my thoughts with the student community.

This is a platform of free expression, a platform to harness creativity, a platform to combine various thoughts, a platform to come alive in each of the years the students stay in this campus before they fly out to build their own destiny. All that is required is to seize the initiative, grab the opportunity the institution provides and make things happen, instead of waiting and wailing. Identify their special interest, strength, skills and talents to harness them in accomplishing their ambition. I am optimistic that the students of Sir MVIT shall take my advice in the right earnest.

On this auspicious occasion. I take the liberty in congratulating the Principal, Editorial Board Members, students and staff who have contributed their might in enriching the contents of this useful and informative magazine.

My best wishes to one and all.

A handwritten signature in blue ink, appearing to read 'A.C. Chandrashekar Raju'.

(Dr. A.C. CHANDRASHEKAR RAJU)

PRESIDENT

Sri Krishnadevaraya Educational Trust

No. 16, Ballari Road, Sadashivanagar, Bengaluru-560 080



Message

K.V. SEKHAR RAJU
VICE - PRESIDENT

It is indeed a matter of joy to know that Sir M. Visvesvaraya Institute of Technology, Bengaluru, is bringing out Annual Magazine **"BRINDAVANA-2019"** on the occasion of Annual Day celebrations scheduled to be held in the month of April 2019, where the staff and students are provided with the platform to showcase their talents, which will definitely kindle the creative spark among them to stretch their imagination into different frontiers of Engineering, and to choose their dreams, visions, perceptions and projections. On this memorable occasion, I wish to convey to the student community that only one thing can limit your achievements and success and that is yourself or your thinking. The student's journey should begin by first deciding their precise destination. This is the first step to make the student's life successful. Let the students set their goals and drive for it through every obstruction, discouragement and aim at only the success in the chosen field.

On this happy occasion, I wish to congratulate the Principal, Editorial Team, Staff and Students of Sir MVIT in bringing out this magazine which contributes their very best experience during their stay at Sir MVIT Campus.

With my best wishes to one and all.



(K.V. SEKHAR RAJU)
VICE-PRESIDENT

Sri Krishnadevaraya Educational Trust

No. 16, Ballari Road, Sadashivanagar, Bengaluru-560 080



K. SYAMA RAJU
SECRETARY

Message

I am very proud to learn that Sir M. Visvesvaraya institute of Technology is bringing out Annual Day Magazine "**BRINDAVANA-2019**" on the occasion of College Day Celebrations scheduled to be held in the month of April-2019.

Students pursuing Engineering course has to decide what they want to achieve which depends on their interest as well as their ability. They must strike a balance between their ability and efforts. If their goal seems a bit difficult, they have to double their efforts and not give up even in the face of odds. History is replete with such examples of great achievers. Management is providing the state-of-the-art infrastructures for the students. It is for the students to make use of the available resources and excel themselves in their chosen field. The placement drive is very impressive. Many students fared well in the campus recruitment, resulting in being placed in good, reputed multinational companies with lucrative pay package which itself is an indication that constant practice together with sincerity always results in success. Students should never be carried away by negative thoughts since they take a heavy toll of their will to succeed.

On this memorable occasion. I wish to congratulate the Principal, Editorial Team, Students and Staff for lending their helping hand in bringing out such informative magazine by their creative contributions.

With my best wishes and warm regards to one and all.

A handwritten signature in blue ink, consisting of a stylized 'K' followed by a long horizontal stroke.

(K. SYAMA RAJU)
SECRETARY

Sri Krishnadevaraya Educational Trust

No. 16, Ballari Road, Sadashivanagar, Bengaluru-560 080



Message

M. VENKATARAMANA RAJU
TREASURER

I am pleased to learn that Sir M. Visvesvaraya Institute of Technology is publishing another edition of its in house magazine **"BRINDAVANA-2019"** on the occasion of Annual Day celebration scheduled to be held in the month of April 2019.

Students who have chosen Sir MVIT as their favoured destination in pursuit of excellence should decide on a field of their choice and should be keen to get into. The students should have natural inclination and an indomitable will to succeed. The success in the competitive examinations depends on their determination, perseverance, hardworking instinct and constant practice which results in the edge over others. Management is fully aware of the necessities required to enrich the students' knowledge. That is why Management is encouraging many developmental Programs, conducting seminars etc with a view to benefit the student's career growth. I am optimistic that students of Sir MVIT will take my advice in all their earnestness.

On this memorable occasion, I wish to extend my best wishes to the Principal, Editorial Team Members, staff and students and to all those who are associated in bringing out this colorful, meaningful and creative **"BRINDAVANA – 2019"**.

My best wishes and warm regards to all the concerned.

A handwritten signature in blue ink, appearing to read 'M. Venkataramana Raju'.

(M. VENKATARAMANA RAJU)
TREASURER

Editorial Board



Dr. Sandhya



Dr. S K Uma

Dr. V.R. Manjunath



Harinaran



Jagadish Kumar K



Lakshmi

Lakshmi Jayashree



Ravish



Sheetal



Tania Thomas



Saraswati



Shabnaz

From the Principal's Desk



Dr. V.R. Manjunath

B.E., M.Tech., Ph.D., C.Eng., FIE., LMISTE

It's only been 15 months since I became the Principal of SIRMVIT. I still wake up every morning full of awe and gratitude that I get to lead what is arguably one of the best engineering colleges in the state of Karnataka.

I've loved every minute of my brief tenure in this Institution till date and in this short period, I have met some amazing alumni, faculty and friends of the College — but most importantly — I've had the opportunity to get to know some of our brilliant students. They come from all walks of life, many driven by innovation and the hunger to invent. The bright young minds that fill the classrooms, labs and libraries are what we're all about here at SIRMVIT.

I am very proud of some of the initiatives that have recently begun at the College. First and foremost, the college was accredited by NAAC in the month of June'2018 and we are now preparing to submit the SAR for NBA Accreditation soon. While consolidating our prime position among the VTU affiliated colleges, the efforts are on to achieve the autonomous status in the near future and ultimately to march towards the university status there-after is a step towards re-enshrining the vision of the Management while creating this magnificent Institution.

As we went about maintaining high academic standards along with innovative pedagogical initiatives, it is worthwhile to remind ourselves that this college has always attracted the best students from not only from within the state but from around the country. Each of us who are serving this great Institution have contributed in making SIRMVIT not just a college, but a way of life.

Nurturing creativity and inspiring innovation are two of the key elements of a successful education and a college magazine is the perfect amalgamation of both. It harnesses the creative energies of the academic community and distils the essence of their inspired imagination in the most brilliant way possible. Hence, I am delighted to know that SIRMVIT's annual college Magazine **BRINDAVANA-2019** is ready for publication.

I take this opportunity to congratulate the editorial board for bringing out this magazine as per schedule, which in itself is an achievement considering the effort and time required. May all our students soar high in uncharted skies and bring glory to the world and their profession with the wings of education!

Dr. V.R. Manjunath
PRINCIPAL

MAGAZINE COMMITTEE



(Sitting) L-R : Mrs. Saraswati, Mrs. Lakshmi H, Mrs. Padma Gayathri, Mr. Jagadeesh Kumar D, Dr. S K Uma, Dr. V. R. Manjunath, Dr. Sandhya. S, Mrs. Tania Thomas, Ms. Shahnaaz Begum, Mrs. Sheetal Bagali, Mr. Ravish

(Standing) L-R : Mr. Shiv Dev Shankar, Mr. Swapnil, Mr. Mahesh, Ms. Shriya K, Ms. Ragasruthi, Ms. Yashasvini,

EDIT SPEAK



Dr. Sandhya Suswaram,
HOD, MBA

Midway through editing and designing a pile of articles which I was nose deep in and with the thoughts of deadline which was very close, there was a task cut-out for me that things just had to be done. This was the first of many such moments! putting a magazine together was no cake-walk. I along with my editorial team members have spent anxious moments to make this magazine stand out.

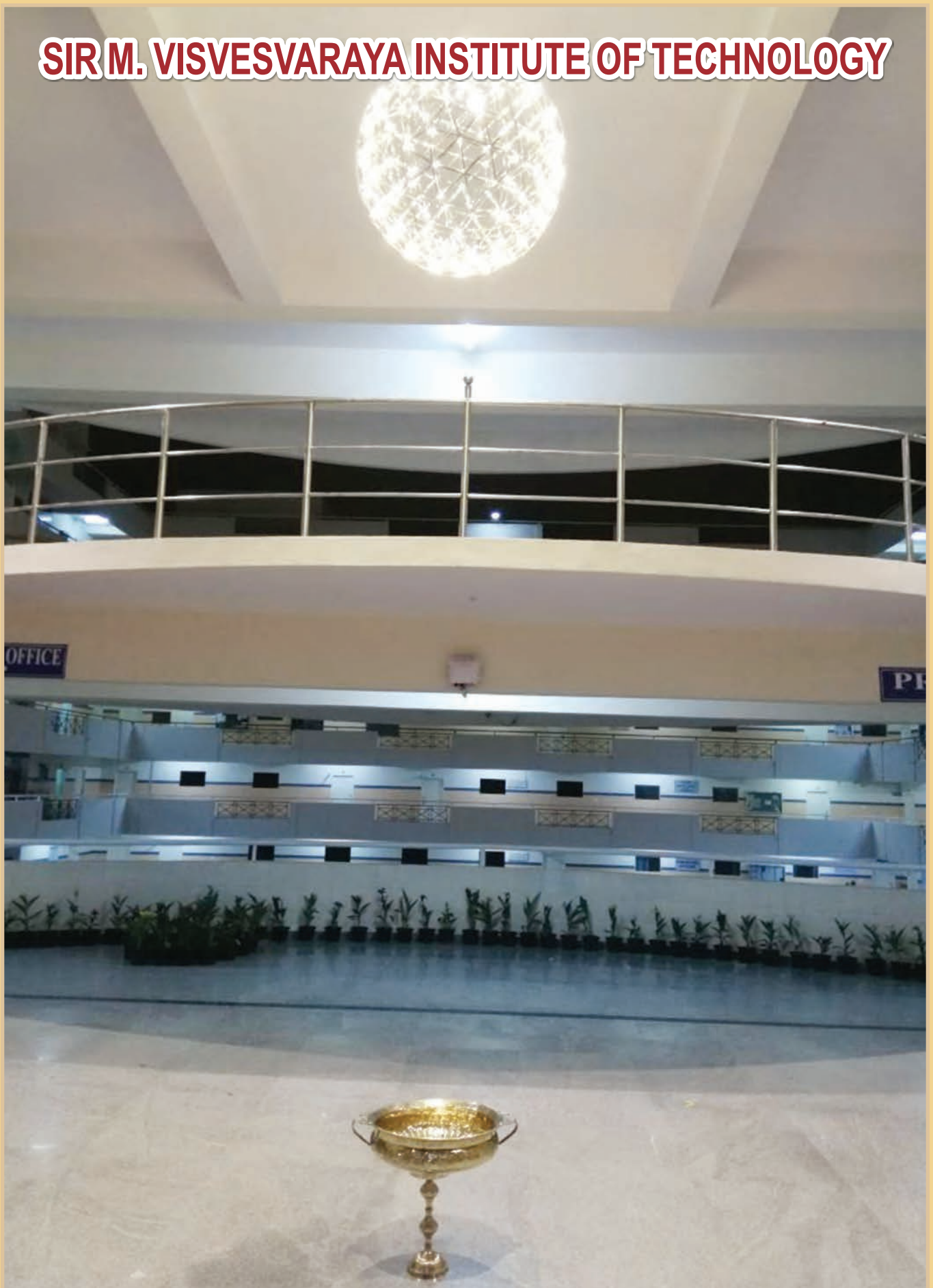
So at last, here you have 'Brindavana' the long awaited annual college magazine for the year 2019. The magazine gives insight into SIRMVIT students 'way of life', their creativity and activities. This magazine is a platform that exhibits the literary skills and innovative ideas and presents the hard work and dedication of students and contribution of teachers.

I would like to thank all my editorial team members for helping me pull this through. I express my considerable appreciation to all the authors of the articles in this magazine. These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible.

Thanking you all !!

Dr. Sandhya Suswaram
Editor of College Magazine

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY



BRINDAVANA
2019



ACHIEVERS

Student Achievements

VTU RANK HOLDERS - 2018



Brinda – TCE
9th Rank



Gaganashree -TCE
7th RANK



Devipriya Sarkar–CSE
9th RANK

VTU GOLD MEDALIST – 2018



Deepthi - Highest % Marks in Civil Engineering

All India HerTech HACKATHON-2019



Krithika - IV Sem. ISE
WINNER

VTU YOUTH FESTIVAL – 2018



Meghana – VIII Sem, EEE
First Prize – On the spot painting
& Second Prize in Poster Making

INDIA BOOK OF RECORDS-2018



Kalyan Sugangar – VI Sem. CSE
Most Alternate Leg rope skipping
in 1 Minute

WOMENANDROID HACKATHON HELD BY TRUECALLER-JPG-2019



Krithika Dinesh – IV Sem, ISE (Extreme Left)- Second Place

DST & TEXAS INSTRUMENTS INC.INDIA Innovation Challenge Design Contest, IIGP & Aero Show-2019



WINNERS OF TOTAL 15.50 Lakhs Prize Money+Start-up Grant

Mr. Shiv Varun (ME), Revant. D (ECE), Aman Sinha (EEE) & Prof. Mahaboob Basha (Project Supervisor)

NASA space App Challenge, National Level Hackathon@ Delhi-2018
1st place – will represent India @ NASA USA



Team SIRMVIT - Abhijeet Singh, Susmit Agrawal, Vipul Gaurav, Vishal. V

ACCENTURE INNOVATIVE CHALLENGE - 2018



NIHAL KONAN- VIII Sem, CSE & Prof. Sumaswamy (Left- 1&2)
Applied for a Patent for developing Electronic Pill and
Winner of Cash Prize of Rs. 1.5 Lakh.

Bengaluru Tech Summit BioQuiz – 2018 – WINNERS



Mr. Anuj Shetty & Sukesh Kashyap
VI Sem. BT, Cash Prize-Rs. 75000/-

ANVESHANA 2018- FIRST PLACE Trophy & Cash Prize of Rs. 30,000/-

Santhosh Yadhav, Amish Noah,
Tanuja B R Kiran Sahir Anil B &
Apoorva N- VIII Sem,BT



INTER-COLLEGIATE FASHION SHOW COMPETITION - 2018



Team SIRMVIT – Winners @ NHCE, BMSCE & Kalanjali-2018

**TAEKWONDO (MEN & WOMENS') TEAM
VTU INTER-COLLEGIATE
TOURNAMENT-2018
WOMEN-WINNER OF
3-GOLD, 2-SILVER &
3-BRONZE,
MEN - WINNER OF
1 BRONZE MEDAL**



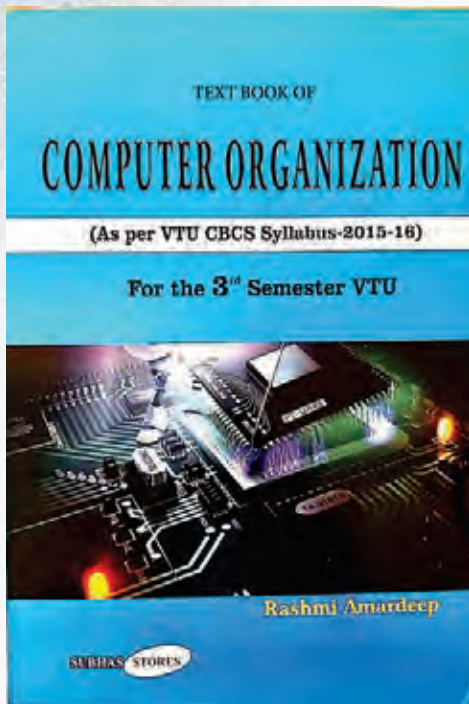
**BASKET BALL TEAM VTU
INTER-COLLEGIATE
TOURNAMENT-2018
- WINNERS**

**TEAM – FUTURAMIC
COMPRISING OF
MECHANICAL ENGINEERING
STUDENTS PARTICIPATED IN
THE SHELL ECO-MARATHON
HELD AT
SINGAPORE IN 2018
WITH THEIR INNOVATIVE
DESIGN - HYBRID CAR**



Faculty Achievements

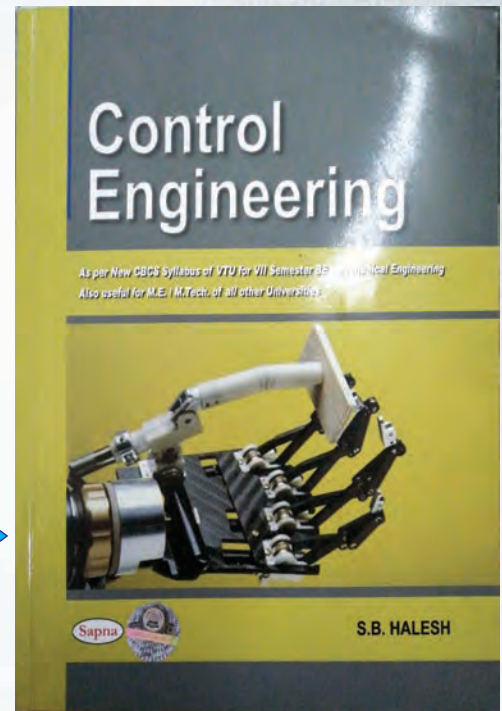
BOOKS PUBLISHED - 2018



Mrs. Rashmi Amardeep
Associate Professor, ISE



Mr. S.B. Halesh
Associate Professor, ME



FUNDED PROJECT/RESEARCH GRANTS



Dr. H.G. Nagendra
Professor & HOD, BT
BIRAC – PACE : 48.25 Lakhs
ICMR : 16.54 Lakhs



Dr. E. Kavitha.
Professor & HOD, TCE
VTU – TEQUIP GRANT
Rs. 1.5 Lakh



Mr. Mahaboob Basha. D
Asso. Professor, ME
DST TATA TRUST
Rs. 10 Lakh

Mr. Jagadeesh Kumar. D

Asst. Professor, BT
ICMR : 16.54 Lakhs



Ph.D AWARDED – 2018/2019



← **Dr. M.S.SURESH**
Associate Professor,
EEE
AWARDED Ph.D FROM VTU 2019



Dr. C.V.MOHAN
Associate Professor,
EEE →
AWARDED Ph.D FROM VTU 2019



← **Dr. H. RAVIKUMAR**
Associate Professor,
CIVIL
AWARDED Ph.D FROM VTU 2019



Dr. SHUBHA.R
Assistant Professor,
EEE →
AWARDED Ph.D FROM
Pondicherry University-2018



← **Dr. SAFINAZ**
Assistant Professor,
ECE
AWARDED Ph.D FROM VTU
2019



Dr. BHANUREKHA
Assistant Professor,
ECE →
AWARDED Ph.D FROM VTU
2019





ಸರ್. ಎಂ. ವಿಶ್ವೇಶ್ವರಯ್ಯ ಇನ್ಸ್‌ಟಿಟ್ಯೂಟ್ ಆಫ್
 ಟೆಕ್ನಾಲಜಿ: ಕಲಾಂಜಲಿ. ಮುಖ್ಯ
 ಅಧಿ: ನಟ ರಾಮಕೃಷ್ಣ ಸ್ವತಃ
 ಸರ್. ಎಂ. ವಿಶ್ವೇಶ್ವರಯ್ಯ ಇನ್ಸ್‌ಟಿಟ್ಯೂಟ್ ಆಫ್
 ಕಲಾಂಜಲಿ, ಗೋರಾಪುರ.

NATURE
 S.R. Venkateshwararao Educational
 Kalanja-

CULTURAL
Sri Krishnadevaraya Educational
Trust: Inauguration of 'Kalanja-
li - 2018', by Kannada cine artist
Ramakrishna, Sir M Vishveshvaraya
College of Technology Campus,
Bengaluru. 10 am. Bengaluru Pra

కలాంజలి-2018: అతిథి- రామకృష్ణ
యోగరాజ్ భట్, బ్రాహ్మ రావ్. ఆయోజన,
స్థల-సర్.ఎం.విశ్వేశ్వరయ్య తాంత్రిక శిక్షణ సంస్థ,
కృష్ణదేవరాయ నగర, ఘనసమారోహణల్లి,
చిర్రపూర్ రస్త్. బీకింగ్ 9.30



ਸਦਾ ਸਦਾ
ਸਦਾ ਸਦਾ



ಸಾಂಸ್ಕೃತಿಕ ಉತ್ಸವ: ಶ್ರೀ ಎಂ. ವಿಶ್ವೇಶ್ವರಯ್ಯ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಅಯೋಜನೆ, ಕಲಾಂಜಿ-2018 ಸಾಂಸ್ಕೃತಿಕ ಉತ್ಸವ. ಮುಖ್ಯ ಅತಿಥಿಗಳು: ಹಿರಿಯ ಚಿತ್ರನಟ ರಾಮಕೃಷ್ಣ, ನಿರ್ದೇಶಕ ಯೋಗರಾಜ್ ಭಟ್, ನಟಿ ಶ್ರಾವ್ಯಾ ರಾವ್, ಅಧ್ಯಕ್ಷತೆ: ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ಎಂಬಕೆಪ್ಪನ್ ಪ್ರಿನ್ಸಸ್ ಆರ್ಟ್ಸ್ ಡಾ.ಎ.ಸಿ. ಪಂದ್ರತೆಬರ ರಾಜು, ಸ್ವರ್ಗ: ಸರ್ ಎಂ. ವಿಶ್ವೇಶ್ವರಯ್ಯ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ, ಕೃಷ್ಣದೇವರಾಯನಗರ, ಹುಣಸೂರುನಹಳ್ಳಿ, ಯಲಹಂಕ. ಬೆಳಿಗ್ಗೆ 10ಕ್ಕೆ ಉಪನ್ಯಾಸ: ಉದಯಭಾನು ಕಲಾಂಜಿಫದ



■ ಸರ್.ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿದ್ಯಾಲಯ:
ಕಲಾಂಜಲಿ ಸ್ನೇಹೋತ್ಸವ, ಅತಿಥಿಗಳು-
ಚಿತ್ರನಟ ರಾಮಕೃಷ್ಣ ಚಲನಚಿತ್ರ
ನಿರ್ದೇಶಕ ಯೋಗರಾಜ್ ಭಟ್, ನಟಿ
ಶ್ರಾವ್ಯ ರಾವ್, ಕೃಷ್ಣದೇವರಾಯ ಶಿಕ್ಷಣ
ಟ್ರಸ್ಟ್ ಅಧ್ಯಕ್ಷ ಡಾ.ಎ.ಸಿ.ಚಂದ್ರಶೇಖರ
ರಾಜು, ಕಾಲೇಜಿನ ಆವರಣ,
ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಿಮಾನ ನಿಲ್ದಾಣ
ರಸ್ತೆ, ಬೆಳಿಗ್ಗೆ 10.



సర్ ఎంపీఐటీలో
నేడు కళాంజలి

వెంగళూరు, అక్టోబరు 11 (ఆంధ్ర ప్రతినిధి): కృష్ణదేవరాయల ఎడ్యుకేషన్ ట్రస్టు నిర్వహణలోని ఎం.విశ్వేశ్వరయ్య ఇన్ స్టిట్యూట్ ఆఫ్ టెక్నాలజీలో శుక్రవారం కళాంజలి 2018 జరుగనుంది. ఈ యాన్ని సర్ఎంపీబిడీ ప్రీస్మిపాల్ డాక్టర్ గి.మంజునాథ్ నగరంలో గురువారం సుదల చేసిన ప్రకటనలో తెలిపారు. స్కంపస్ లో ఉదయం 10 గంటలకు ప్రారంభమయ్యే ఉత్సవాలకు ప్రముఖ నటుడు రామకృష్ణ, కన్నడ దర్శకుడు యోగరాజ్ బేట్, కన్నడ నటి శ్రావ్యరావు ముఖ్యఅతిథులుగా హాజరు కానున్నారు. గౌరవ అతిథులుగా సర్ కేఈబీ అధ్యక్షుడు డాక్టర్ ఎ.సి.చంద్రశేఖర్ రాజు, ఉపాధ్యక్షుడు కె.వి.శేఖరరాజు, కార్యదర్శి కె.శ్యామరాజు, కోశాధికారి ఎం.మెంకటరమణరాజు పాల్గొంటారన్నారు. కళాంజలిలో భాగంగా వలు పోటీలు, వినూత్న సాంస్కృతిక కార్యక్రమాలు ఉంటాయని ప్రకటనలో పేర్కొన్నారు.

Brindavana 2019 – INTERVIEW with Dr. Ashok Misra



Dr. ASHOK MISRA

Former Director -
IIT Bombay & Past President – NASI

Q. Sir, please introduce yourself to the readers of Brindavana 2019. We feel happy to hear your memorable milestones of your great journey.

Dr. AM: Let me start from my Bachelor's education. I did my B.Tech at IIT – Kanpur and right after that I went to the States, did my Master's. Tufts University and my PhD at University of Massachusetts in the area of polymer Science and Engineering. I am basically a Chemical Engineer. Then, I worked for a company called Monsanto Chemical Company in the polymers division for about 3 years and then returned to India in the year 1977, to pick up a faculty position as an Assistant professor at IIT Delhi. I worked there for 23 years, going from Assistant professor to Professor and then HOD and Dean of International programs and alumni affairs and so on. In 2000 I was selected for IIT Bombay.

I stayed at IIT Bombay for 8 and half years and I got two terms, but, I left early. It was to take up another position from 2008 to 2016. I was with a company called "Intellectual Ventures" which dealt in innovation, invention, patenting, licensing in the spare of information, invention and generating new ideas and so on. In between, I had several other things like being Chairman of IIT Roorkee" for 3 years. I was the council for IIT and was the Chairman of the standing Committee for IIT Council. In the year 2017, I took up the position and I was awarded for NASI which stands for National Academy of Sciences India as distinguished professor and I chose to take up this position at Indian Institute

of Science, Bengaluru and that's where I am currently working. I was on the board for Reliance Industries Ltd, on the board of National Thermal Power Corporation Rastriya Chemicals and Fertilizers and, I am currently on the board of jubilant life sciences based in Noida, Kirloskar Electrical Company in Bengaluru and Higher Education Funding Agency which is a joint venture between MHRD and Canara Bank. This is a bit of my profile.

Q. What is your view on Present Higher Education System in India?

Dr.AM A bright questions that's been frequently asked. All of the things that I have said are fantastic and I have hopefully contributed for the best of my ability. But, I would rate my tenure at IIT Bombay as the most memorable and the affective because they along with my faculty, colleagues and the Deputy directors, Deans, we would implement some nice innovative systems which led IIT Bombay to great heights to be rated perhaps the best in India also the highest in International rankings.

You are talking about Higher Education in India and that's why I mentioned that, my entire journey has been passing through the same, but more specifically in higher technical education. If, I take the overall education system in India, I would say higher education in India is not doing so well. It is not healthy; it has to go to the next level. Aside of the IITs and some NIT's and couple of Private institutions, overall ambience and output from colleges and universities is not to the level that we see.

I will give you an example – In the science stream at 12th level about 50 lakhs students plus or minus a little bit finished 12th grade in science and 10% of it are of highest quality. This would be 5 lakhs every year. So the intellectual capital demographics of that age group are fantastic. We have to mould these young minds by high quality education and this will take India forward. So, a lot of inputs are required and they can discuss that as we go along but the health of higher education is not so good and lots needs to be done and it is people like you and me who needs to do it.

Q. Sir, most of the reports say that today's present graduates are not employed. Your comments on this perspective

Dr.AM. Alright. So 70% of we are talking about engineering only as about other fields. I want a comment as I don't know the figures but they say that a 70 odd percentage of engineers are not employed. There are several reasons for that. Firstly, the quality of education imparted in these institutions has to be of the highest level. I have no problem about the quality of the students. I think every college is getting high quality students. As I have mentioned to you, the percentage of people who are joining the colleges would be in the top 10 to 20 % which is very good. Many things like updating the curriculum, it has to be relevant, the benchmark should be that any student who graduates from colleges should be employable not only in India but for the whole world because today it is a global field.

Everything has globalization people who graduate from Bengaluru may be employed at France or any other country and they have to be of the same quality because a person graduating from an Engineering college here should be as good as a person graduating from France, England or America and so on. And once you have that benchmark then you have to see how to do it – the quality of teachers, the availability of teachers this has to be seen. The students have to be given just

more than classroom training. They have to be given ideas, has to do projects and use their talents to the best level.

Q. Sir, when we speak about Economy or Nation's development, R&D becomes important. Please share your view on R&D and also please tell us how we impart R&D among students and staff community.

Dr.AM Let me tell you from the first. Any institution that has to be ranked high among the global institutions has to have at least some level of research and development activities. This makes the teacher more relevant, they have to be at the cutting edge of what's going on. They have to choose topics which are topical, which are current that will enhance their teaching and also impart the latest knowledge. In addition to the teaching output of a college or a university, there should also be some research output. This is the contribution that an institution makes to the country and to the world. Sometimes, I do hear that there is too much of burden of teaching in engineering colleges and therefore they don't have time and all that. This, a college should sort out how much time is given to teaching and how much time is given to research. If you have to be counted among the best you have to do some teaching and research along with teaching. The second part is the industrials R&D. Industry at one time in India was acquiring technology. If you have to be on the top of automotive field you have to develop your own systems because, nobody will give you the best. They will give you what they did in the past.

There are a few examples – I have been in the board of Reliance Industries whose R&D facilities are outstanding. Recently, I went to HPCL which had set up their R&D facilities here which was outstanding. SABIC Which is a polymer company, their R&D department is equipped with latest technology, clean quire and excited about what they have been able to do and what they can do else more. So with this R&D coming to the industry with good pay

packages and also there would ensure enough people in the academy.

Q: When it comes to overall student development apart from institutions and teacher's role, parents and mentors are very important. What is your view point on that?

Dr.AM: So, you know in the outside world parents and everyone wants to do computer science. But make in India won't have it just with computer science it requires mechanical, civil, and electrical. We have these great buildings which have 30 to 40 floors which does not collapse, which is energy efficient and so on, who will do it? Not a computer science guy, it is a civil engineer. So, they may come with the conceptions when they join, but after they join, it is your responsibility to explain them that what are the challenges in each of the fields which are relevant to the country, there are metros like the Delhi metros and so on which are not made by computer scientists. Some analysis might be made by computer, but there is hardcore technology there.

Q: As an academician, how do you think we can bring about this mindset change in all the stakeholders?

Dr.AM: Industry stakeholders, you don't have to worry about. On students you can bring about

change and I also think you also have a responsibility to sit with the parents and understand them. You have to sit with the parents and give them a pep talk, not just about the admission, and after 44 years they collect the child, no there has to be some interaction.

Q:- Great sir! Thank you so much. And, when we are representing a premier institute like Sir MVIT, we would love to ask this question-would you like to give a message to our technocrats and budding managers who are pursuing their education with MVIT or any of the premier institutes in the state?

Dr.AM - The message would be that- basically they have to follow their passion and not to follow others. Follow your passion, what excites you the most. Secondly, you should keep in mind that there is no substitute for hard work. No matter what you do, hard work has to be done. Some people may be faster in their work, that's a different matter. Thirdly, think out of the box, be innovative and not just do the routine.

I was completely impressed when you are doing a 4 day conference on innovation and sciences.



*From left to right: Mr. Harish B S, Assistant Professor, Department of MBA,
Dr. Ashok Misra, Dr. Sandhya Suswaram, HOD, MBA*



HAPPENINGS

3 WEEK - INDUCTION PROGRAM

For newly admitted 1st Year Students- 2018 Batch

The Academic Year 2018-19 saw the entry of the new batch of students. For the first time, AICTE approved 3 week induction program was organized for the 1st year B.E. students as per the VTU directives. The program included Physical activity, Creative arts, Universal human values, Lectures by eminent people, visit to local area and familiarization to department and campus etc.

(FRESHERS DAY – INAUGURATION: 04-08-2018)



Chief Guest – Sri K.R. Ramesh Kumar, Hon'ble Speaker, Karnataka Legislative Assembly

INDUCTION PROGRAM

(SWATCH SIRMVIT ABHIYAN & SAPLING PLANTING (NSS)

(08-08-2018)



INDUCTION PROGRAM (VISIT TO NEARBY VILLAGE SCHOOLS (NSS)- 09 & 10 Aug'2018)



(HEALTH CHECK-UP PHOTOS – 11-14 Aug'2018)



LECTURE - AWARENESS ON DRUGS, TOBACCO & AIDS – 18'Aug'2018)

Dr. SUNIL
HOD, Akash Medical College



**EMINENT LECTURE ON
UNIVERSAL HUMAN
VALUES 21 Aug'2018**

← **Chief Guest
Dr. K.P. Puthuraya**

SPORTS – 29-08-2018 →



YOGA – 29-08-2018

LOCAL TOUR : SIR MV MEMORIAL, VTU P.G.CENTRE & TIPPU FORT - 28-08-2018



COLLEGE DAY

(04-05-2018)



CHIEF GUEST
SRI PRAVEEN SOOD - DGP

RELEASE OF COLLEGE MAGAZINE
BRINDAVANA-2018

Distribution of Gold Medals & Cash
Prize for VTU Rank Holders

Expert Lecture & Inauguration of
Multi-Gym in Ladies Hostel

FAREWELL DAY

(OUT-GOING FINAL YEAR STUDENTS : 19-05-2018)



SARASWATHI POOJA
By Principal

**STUDENTS TAKING
CONVOCATION OATH**



GROUP PHOTO – IN CONVOCATION DRESS



KALANJALI - Sir MVIT's Prestigious Annual Event

The 21st edition of Sir MVIT's biggest annual event and the most awaited inter-college cultural fest 'KALANJALI' was held this year on the 12th and 13th of October, 2018.

Weeks prior to the day of KALANJALI, were filled with various promotional activities like street dance and numerous quizzes held across social media platforms that had our students and all participants at their toes! Video teasers of the fest were released as well that further fueled the anticipation among all.

The core team consisted of thirteen coordinators guided by our Chief Cultural Coordinator, with over a hundred volunteers, students and faculty alike that worked in tandem to make the fest a success.

The two-day fest began with an invocation of almighty's blessings. Following which the fest

inaugurated by renowned Sandalwood personalities Ramakrishna and Shravya Rao along with the very talented Yograj Bhat.

LED screens with an innovative design structure lit the background of the stage. We had 41 events across varied categories like Literary, Fine Arts, Dance, Theatre, Music, Sports and Technical held across 12 venues and owes its success to the hard work and perseverance of all the volunteers and organizers, conducted under the leadership of the Cultural Convener and our Principal with the unshaken faith and support of all the office bearers and trustees of Sri KET.

Without doubt Kalanjali 2018 was the best yet and a forerunner of better ones to come with more innovative advancements to tackle the ever-changing expectations of the youth.



CHIEF GUESTS

KANNADA CINE ARTISTS SRI RAMAKRISHNA, KUM. SHRAVYA RAO

KALANJALI - 2018

(INAUGURAL FUNCTION: 12-10-2018)



**GUEST OF HONOUR
SRI. YOGRAJ BHAT**



**PROMISING ARTIST
KUM. SHRAVYA RAO**



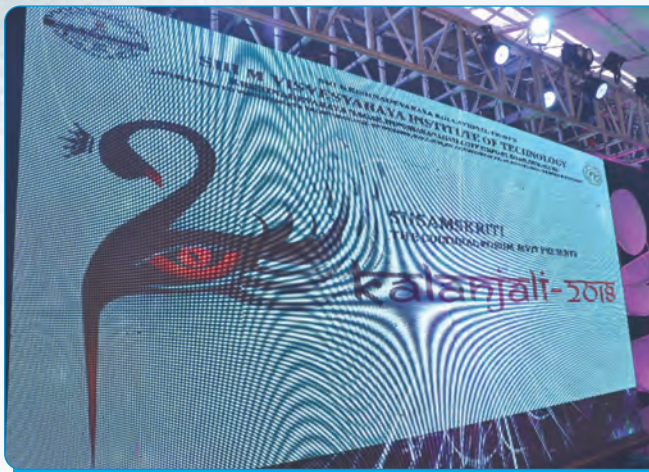
**UPCOMING ARTIST
REHAN GOWDA**



TRUSTEES & PRINCIPAL WITH GUESTS, RAMAKRISHNA & SHRAVYA RAO

GLIMPSE OF ITEMS







ISIRI – HONGIRANA KANNADA VEDIKE

ನಮ್ಮ ಕಾಲೇಜಿನ ಕನ್ನಡ ವೇದಿಕೆ ಪ್ರಸ್ತುತಿ ನಮ್ಮ ಕನ್ನಡ ಹಬ್ಬ "ಐಸಿರಿ - 2019" ಕಳೆದ ವರ್ಷಗಳಿಗಿಂತ ಈ ವರ್ಷ ಅತ್ಯಂತ ವಿಭಿನ್ನ ಹಾಗೂ ವ್ಯವಸ್ಥಿತ ರೀತಿಯಲ್ಲಿ ಅದ್ಭುತವಾಗಿ ಮೂಡಿಬಂತು.

ಕಾರ್ಯಕ್ರಮದ ಪೂರ್ವಾವಧಿಯಲ್ಲಿ ಮೂರು ದಿನಗಳ ಕಾಲ ಹೊರನಾಡಿನವರಿಗೆ ಕನ್ನಡ ಹಾಡು ಹಾಡುವ ಸ್ಪರ್ಧೆ, ನಮ್ಮ ನಾಡಿನ ಖ್ಯಾತಿ ತಮಟೆ ಕುಣಿತ, ಹಾಗೂ ಕನ್ನಡ ಕಲಿಸುವಂತಹ ಸ್ಪರ್ಧೆಗಳನ್ನು ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿತ್ತು.

ಕಾರ್ಯಕ್ರಮದ ದಿನ ಮೆರವಣಿಗೆಯಲ್ಲಿ ಹುಚ್ಚೆಬ್ಬಿಸುವಂತಹ ಜಾಗಟೆಯ ಶಬ್ದ, ಅದರ ತಾಳಕ್ಕೆ ಕುಣಿತ, ಕೈಯಲ್ಲಿ ಕಳಸ ಹೊತ್ತ ನಮ್ಮ ಕಾಲೇಜಿನ ಹೆಣ್ಣು ಮಕ್ಕಳು, ಎಲ್ಲೆಲ್ಲೂ ನಮ್ಮ ಕನ್ನಡ ಬಾವುಟ..... ಒಟ್ಟಾರೆ ಹಬ್ಬದ ವಾತಾವರಣ ನಿರ್ಮಾಣವಾಗಿತ್ತು ಈ ಮೂಲಕ ನಮ್ಮ ಮುಖ್ಯ ಅತಿಥಿಗಳು ಹಾಗೂ ಎಲ್ಲ ಗಣ್ಯರನ್ನು ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಅದ್ವಾರಿಯಾಗಿ ಬರಮಾಡಿಕೊಳ್ಳಲಾಯಿತು.

ನಾಡಗೀತೆ ಹಾಗೂ ಪ್ರಾರ್ಥನೆಯ ಮೂಲಕ ಕಾರ್ಯಕ್ರಮ ಪ್ರಾರಂಭವಾಯಿತು ಗಣ್ಯರು ದೀಪ ಬೆಳಗುವುದರ ಮೂಲಕ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಚಾಲನೆ ನೀಡಿದರು. ಎಲ್ಲ ಗಣ್ಯರನ್ನು ಸ್ವಾಗತಿಸಿದ ನಂತರ ನಮ್ಮ ಗೌರವಾನ್ವಿತ ಪ್ರಾಂಶುಪಾಲರು "ಐಸಿರಿ - 2019" ಡಾ|| ವಿ.ಆರ್. ಮಂಜುನಾಥ್ ಸರ್ ರವರು ನಮ್ಮನ್ನೆಲ್ಲ ಕುರಿತು

ಮಾತನಾಡಿದರು ಅವರ ಕನ್ನಡಾಭಿಮಾನ ನಮ್ಮೆಲ್ಲರಿಗೂ ಸ್ಫೂರ್ತಿ ತಂದಿತ್ತು. ನಮ್ಮ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಯು. ಎಸ್. ಹೆಗ್ಡೆ ಸರ್ ಕನ್ನಡ ಹಾಡನ್ನು ಹಾಡಿ ನಮ್ಮೆಲ್ಲರನ್ನು ರಂಜಿಸಿದರು.

ಇನ್ನೂ ಈ ಕಾರ್ಯಕ್ರಮದ ಮುಖ್ಯ ಅತಿಥಿಯಾದ ಶ್ರೀಯುತ ಚಕ್ರವರ್ತಿ ಸೂಲಿಬೆಲೆ ಸರ್ ರವರ ಮಾತುಗಳು ನಮ್ಮೆಲ್ಲರಲ್ಲೂ ಸಾಧನೆಯ ಭಲ ಮೂಡಿಸುತ್ತಿತ್ತು ಅವರ ಮಾತುಗಳನ್ನು ಕೇಳುತ್ತಾ ಇದ್ದರೆ ಸಮಯ ಮುಂದೆ ಸಾಗುವ ಅರಿವೆ ಇಲ್ಲದಂತಿತ್ತು.

ಮತ್ತೊರ್ವ ಗೌರವಾನ್ವಿತ ಅತಿಥಿಗಳಾದಂತಹ ಮಿಮಿಕ್ರಿ ಕಲಾವಿದರೂ ಆದ ಮಹೇಶ್ ಕುಮಾರ್ ಸರ್ ರವರ ಅನುಕರಣಾ ಕಲೆಯಂತೂ ಬಹಳ ಸೊಗಸಾಗಿತ್ತು ನಮ್ಮ ಕನ್ನಡ ಪ್ರಸಿದ್ಧಿ ನಟರು, ಹಾಗೂ ರಾಜಕಾರಣಿಗಳ ಅನುಕರಣೆ ಮಾಡಿ ನಮ್ಮೆಲ್ಲರನ್ನು ಹೊಟ್ಟೆ ಹುಣ್ಣಾಗುವಂತೆ ನಗಿಸಿದರು.

ಆನಂತರ ಅತಿಥಿಗಳ ಸನ್ಮಾನ ಹಾಗೂ ಸಾಂಸ್ಕೃತಿಕ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಿತು.

ಕಾರ್ಯಕ್ರಮ ಮುಗಿದ ನಂತರ ಪ್ರೇಕ್ಷಕರೆಲ್ಲರೂ ನಿರೀಕ್ಷೆ ಮೀರಿದ ಸಂತಸದಿಂದ ಹೊರ ನಡೆದರು ಒಟ್ಟಾರೆ ನಮ್ಮ ಈ "ಐಸಿರಿ - 2019" ಕನ್ನಡ ಹಬ್ಬ ಮರೆಯಲಾಗದ ಸುಂದರ ಕಾರ್ಯಕ್ರಮವಾಗಿತ್ತು.



PROCESSION WITH DEVI CHAMUNDESHWARI PORTRAIT ATOP BULLOCK CART



CHIEF GUESTS
Sri CHAKRAVARTHY SULIBELE

&

MIMICRY ARTIST
Sri MAHESH KUMAR



**STUDENTS MARCHING WITH TRADITIONAL KALASHA ALONG WITH GUEST,
PRINCIPAL AND STAFF**

INTERNATIONAL YOGA DAY - 2018

International Yoga Day is celebrated every year on June 21 across the world. This year, Sir MVIT celebrated International yoga day-2018 at indoor stadium with more than 50 participants. The Principal, Dr. V. R. Manjunath inaugurated the yoga day at Sir MVIT and told the importance of yoga in our day today life. This programme was coordinated by Asst. Prof. Vijayashri V. Belgaonkar and PED Mr. Rajesh.

After warm up session, trainer concentrated on yogasanas. Yogasana improves flexibility, muscle strength, healthy respiration and maintains a balanced metabolism. This included trikonasana, natarajasana, tadasana, padmasana, vajrasana, Marjaryasana, Bhujangasana.

Pranayama is a part of yoga. Pranayama is the perfect breathing exercise which increases the positive energy level in the body and removes toxins. Pranayama (breathing exercises) supplies more oxygen to the body. Pranayama is the key to a healthy body and mind. Those practicing regularly, feel very energetic throughout the day. The trainer taught kapalbhati, anulomvilom, Ujjayi, Bhramari and Omkar gunjan.

Savasana enables us to bring yoga from asana into self-awareness through meditation. The yoga session concluded with Savasana.



NAAC

The **NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)** is an autonomous body established by the University Grants Commission (UGC) of India to assess and accredit institutions of higher education in the country. It was established in 1994 with its headquarters at Bengaluru.

Our institute had applied for NAAC on 29th August 2017 under the new format through online submission and the NAAC peer team visited our campus on 6th & 7th April 2018.

A 3 member peer team comprised of Dr. Sandeep Sancheti, Vice chancellor, SRM university as chairman, Prof. Sathish C Sharma, Department of ME & IEM, IIT Roorkee as Member Coordinator and Dr. Vinayak N Shet, Principal of Government Engineering College, Goa as the Member.

The peer team inspected our institution as per the schedule and guidelines postulated by NAAC and our college was awarded **B++ Grade**.

NBA

The National Board of Accreditation (NBA), India is an autonomous body was initially established by AICTE (All India Council of Technical Education) under section 10(u) of AICTE act, in the year 1994, for periodic evaluations of technical institutions & programs basis according to specified norms and standards as recommended by AICTE council.

The main objective is Assurance of Quality and Relevance of Education, especially of the programs in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hospitality, through the mechanism of accreditation of programs offered by technical institutions.

Benefits of NBA Accreditation

- The accreditation of NBA clearly indicates the commitment to excellence.
- NBA accreditation plays a vital role in facilitating constant quality improvement in higher learning institutes.
- NBA accreditation recognizes the innovations and achievements of higher learning institutes.
- The accreditation gives higher learning institutes a new sense of direction and identity.
- NBA accreditation promotes intra and inter-institutional interactions.
- We are preparing to submit application to NBA for accreditation shortly.



4-DAY NATIONAL SEMINAR ON "INNOVATIONS IN SCIENCE AND ENGINEERING"
Jointly Organized By National Academy of Sciences (India), Bangalore Chapter
& Sir M Visvesvaraya Institute of Technology
25th – 28th February, 2019, VENUE: Sir MVIT Campus, Bangalore-562157

In view of the importance of getting our institute accredited by NBA, a 3 Day Faculty Development Programme on "OBE-NBA" was organized by Sir M Visvesvaraya Institute of Technology on January 21st, 28th & 29th 2019. The chief guest and Resource person were Dr.Rajanikanth, former Principal, MSRIT, Bangalore, Dr.Guruprasad, Professor, BMSCE, Bangalore and Dr. B V Ravishankar, Principal, BMSCE, Bangalore.

The main objective of the FDP was to provide a platform for the faculties to learn outcome based education for NBA. The outcome of the Faculty Development Programme would be in drafting Quality CO (Course Outcome), Framing of Vision, Mission, PEO's and PSO's, Logical CO-PO mapping with justification, Computation of CO's and PO's, Analysis of CO's and PO's (Program Outcome), Developing the rubrics and Preparation of course files.

FOUR-DAY NATIONAL SEMINAR ON "INNOVATIONS IN SCIENCE AND ENGINEERING" 25-28 February'2019

The college organized the above event which was co-sponsored by NASI, who also contributed Rs. 1.5 Lakhs as funding for the seminar. The event attracted faculty, students and research scholars from various Institutions and from different states. Around 1000 delegates participated in the event and presents papers.

Some of the top Academicians and Scientist across the country including Prof. Ashok Misra, Ex-Director, IIT, Mumbai, Prof. Jayant Haritsa, IISc Bangalore, Dr Kota Harinarayana, (Ex-DRDO) Former VC –UoH, were plenary speakers and delivered expert Lectures in the event and chaired the session.



BRINDAVANA
2019



EXTENSION ACTIVITIES



ABHIKALPANA

Thoughts do more, words do much, action does much more

What started 6 years ago from a Whatsapp status, calling for students to come together to contribute to a cause, is now a fully functional and official NGO under the name '**Abhikalpana Trust**'. We are a passionate group of **more than 100 active student volunteers** who come together every week to conduct sessions and help to make a better world for all.



Abhikalpana is an NGO working for the betterment of the underprivileged areas. Our aim is to provide better education for the kids, and give them a better future. We are social



beings. We live, by taking from the society. We should give something back. Abhikalpana is an initiative to help the ones around us, who cannot help themselves. We strive to help them live a better life.

"Rise to help"- is our *basic motto*. We basically focus on the overall development of children via interactive sessions; so that we can bring a change. We are a team of passionate

engineers who firmly believe that the true wealth of our nation are its children. We believe that using education as a tool, we can eradicate most of the troubles plaguing India's youth.

Shine is one of the most active pillars of our NGO. Shine helps the underprivileged kids get academic support and overall development. Every Sunday the volunteers of Abhikalpana visit the kids and teach them various subjects related to their academics. Here we also focus on some fun activities such as art and craft, playing different games and so on to make their day even more interesting. Our main agenda is to somehow create a better future for the kids and make them realize the importance of being a better person overall. So, we also narrate them inspiring real-life stories which would make an impact on their lives as well.

SMILE: It focuses on the specially-abled and orphan kids. In a month or so a group of volunteers visit orphanages or specially-abled kids and spend some valuable time with them. As the name suggests the main motive of this pillar is to bring a smile on their innocent faces. We play, sing, dance with them and this all together is a great experience for our volunteers. Under Smile, we have visited few orphanages, blind schools and we also distributed slippers to all the kids realizing that they walk barefoot every now and then.

SMILE 2.0: Kritagyata Trust, 9th cross road, Kogilu cross, Maruthi nagar, Yelahanka,

SCREAM

This is a very essential pillar of Abhikalpana. It deals with a few major issues persisting in our society specifically related to teenage problems such as depression, human trafficking, peer pressure and so on. As a step to eradicate these problems we call speakers to make people aware of what is right and what is wrong in such situations. We have also done skits themed on autism, women

empowerment and so on to create awareness amongst today's youth. Documentaries revealing certain hidden issues of our society is an add on to our awareness program.

EVENTS:

Marathon 2.0

**IF YOU'RE FEELING HELPLESS, HELP SOMEONE.
OUR PILLARS: SHINE, SMILE AND SCREAM.**

SHINE: 22 Feb 2018, SIRMVIT Bengaluru-562157

Run for Charity' was a 4km charity Marathon organized by our team. The run was conducted around the campus of Sir M Visveswaraya Institute of Technology on 12th March, between 4pm to 6pm. The event was coordinated with the help of Chikkajala Police Station and ambulance service from Omega Hospital. The Marathon brought people together to not just run, but run for a cause. The large-scale participation, the connected and enthusiastic audience and the support of the



watchers on the street made it worth the effort. To our sheer delight, over 150 people, including both teachers and students participated, making the event a tremendous success.

SUMMER CAMP: 22 feb 2018, Venue: SIRMVIT, Bengaluru- 562157

We at Abhikalpana surely love the children we tend to, and with this in mind, we conducted an event "A Day with Kids" on 25th of February, 2018. This event aimed to introduce the underprivileged children residing in the slums of Hunasamaranahalli to recreational activities which they would otherwise miss out on, at school. The warden of the Ladies' Hostel of Sir M. Visveswaraya Institute of Technology, The first competition to mark this event was of drawing, which was followed by several activities such as 'Pick and Speak' and 'Blind

Spot'. Once lunch was over, we continued with our events, which kept on bringing out the fun loving side in these adorable and enthusiastic kids. We then went on to events which included the classic "Ball in the Bucket" and the "Three Legged Race", all of which were enthusiastically participated in, by the 40 really excited kids who brought out the best in these fun loving events.

MEDICAL CAMP 2018, 26th Aug 2018, Venue: Old auditorium, SIRMVIT, Bengaluru- 562157

As Health is an integral part of a child's physical and mental well being. This very reason made us to come up with **Medical camp** where all the kids had a regular checkup. This event was inaugurated by Dr. V. Shantha And Mrs. Sushila Shidnal. We invited a pediatrician, an eye specialist and dentists, the kids who were



recognised by health issues were taken for further treatment and other kids were provided with the necessary medicines.

Kick-It 2.0: 27 Oct 2018, Venue: SIRMVIT Bengaluru-562157

"KICK IT 2.0" was a fundraiser Football event conducted by NGO ABHIKALPANA to raise funds for the working of the trust towards helping the underprivileged kids who come under ABHIKALPANA and for the functioning of the NGO. Funds were raised by selling tickets of the event to the audience and also by collecting the registration fee from each team participating. We had 10 club teams and six open teams participating in the event. Separate tournaments were held for the club teams and open teams. We had many filler events like thermocol ball and straw, arm

wrestling, dart, chess and etc. The winners and runners up of open team tournament were ADESH and team and ANURAJ and team respectively. The winners and runners up of club teams were ABHIKALPANA and QUILLZ respectively. They were awarded with trophies and certificates and every participant was given a participation certificates. The event was a huge success due to the hardwork of all the volunteers.



ABHIKALPANA TEAM -Message from President

It all started as a social responsibility and today it is an integral part of my life. It has been more than 3 years being part of this venture and has always been like a family to me. We at Abhikalpana do everything to bring a smile on the faces of the kids because their happy faces make us feel happy indeed. Abhikalpana has not just given me memorable experiences, but also a family away from home. I'm grateful to work for such noble cause to be a part in making a positive change in our society.

(Durgesh)

GAP

GAP (Getting across People): is the official theatre group of Sir MVIT. It is the one of the most happening club of our college. **We perform all forms of theatre including one-act, skit, mime, full length play and street play.**

Recently we have started making short videos on YouTube. We have represented our college at the annual VTU fest and in other colleges. Our team got 1st prize in M.S Ramaiah institute and 3rd place in NITTE Meenakshi College in Street play and 1st prize in Verve in skit and 1st prize in mime in Kalanjali and Verve.

GAP is also known for its Annual Productions. Every year GAP performs a full length play in a professional theatre **"ADA Rangamandira"**. This production is open to all Bangalore audience. We have delivered many hits including **"No Retakes"**, **"Smile OK Please"**, **"Dear Papa"** and **"Con-sequences"**. These productions are a huge exposure for the talents of actors and thus gives us immense stage confidence.



This group is for students with keen interest in acting. **GAP provides a platform for all the budding talents in various fields of acting, writing, narration, costume and prop designing.** It also instils self- confidence and gives them an opportunity to explore various aspects of dramatics.

GNU's not Linux Group (GLUG)

The GNU's not Linux Group was founded in 2016 by the Computer Science Department, Sir MVIT, inspired from the Free Software Movement of India and it is a wing of Free Software Movement of Karnataka (FSMK). The group has an expanded user base comprising of students, industrial mentors and senior entrepreneurs interested in promoting free softwares across Karnataka. Sir MVIT is a proud host member of the community having support from Member Local Hack (MLH), Microsoft Student Partners (MSP) and Mozilla as a joint computer coding club currently lead by Vipul Gaurav and Abhijeet Singh, third year Computer Science students from Sir MVIT. The main agenda of



the club is to provide upliftment of technical skills and industrial exposure to anyone interested to become a programmer. The club is blessed to have Mrs. Sushila Shidnal, Mrs. Sheela Kathavate, Mrs. Rekha BN and Dr. Savita Choudhary as the teachers in charge.

It offers a skill development platform and the club has hosted many workshops and hackathons in the past including the NASA Space Apps Challenge 2018 Regional Karnataka. Vipul Gaurav, Abhijeet Singh and Susmit Agarwal all senior club members went on to win this hackathon and then further also won the National NASA Space Apps Challenge at New Delhi to represent India at International level. The group meets regularly having hosted Unity 3D Workshop, host for the Mozilla Global Diversity Day and has conducted active workshops on latest technologies. The club has a veteran alumni network with industrial speakers coming up



including Shijil, Senior Engineer LinkedIn, Sushen Sharma, CEO Stratosphere.io and S Rameshan, Lead Free Software Movement of Karnataka.

The club has a wide base around Bangalore having several members in the Google Developer Group, Facebook Developer Circles and IncubateInd. The club has members who have won major hackathons and software development competitions including NASA Space Apps Challenge 2018 both regionally and nationally, Smart India Hackathon sponsored by Government of India 2019, Futureskills Hackathon 2018 sponsored by Nasscom, Ideathon by IncubateInd 2018 and Makeathon by Sir MVIT 2018.

The club has members from varied backgrounds including first years from all branches, second years interested in coding and third years as lead and core members.

The former leads of the club included Abhijit Singh Rathore and Veeresh HR who are now well placed in ZS Associates and Continental Automotives and are the pioneers of the club as a testament to the skill development the club boasts to offer to all of its members.

The members of the club are not only active in the college but are regular at various meetup groups and communities having a wide representation in Women Techmakers, VMware, Google Developer Group, Bangalore Java Group, School of AI, Nasscom and also recently the Google Developer Cloud Community throughout Bengaluru.

The future of holds bright for the group with its igniting passion and winning endeavours the club is already the most awarded and celebrated society among all clubs within the college and aims to raise the alma mater of the college further by spreading the knowledge and creating a constructive relevant environment for everyone interested to become leaders of tomorrow.

DEBSOC

Debsoc, the official Debate Society of Sir MVIT was started 6 years ago for expressive minds to come together and engage in healthy debates. The society works hard to achieve the most in all areas of Speech & Debate and acts as a platform for students to voice their thoughts, shape opinions and engage in healthy conversation while helping those who want to express themselves more, do so.

Activities:

We conduct Asian parliamentary and British Parliamentary debate sessions 2 times a week, after college hours to improve our skills and become better debaters.

We also participate in various National and international level parliamentary debate tournaments.

Achievements:

* Novice Finalists at NLS,* Winners at Soundarya Debate India Open, * Best speaker at SDIO,* Contingent break at GLC Mumbai 2016,* Novice Break at



Ramaiah IV 2016 * Contention BITS Goa 2016 Open Break,* Adj Break at GLC Mumbai 2018,* Adj Break at BITS Goa 2018,* Adj Breaks at Stella Maris Chennai 2019

YEAR IN REVIEW:

Academic year 2018-2019 was a productive one for the debsoc with a lot of



new, enthusiastic recruits who joined the family. Students participated in RVPD, Bengaluru, Waves- the official fest of BITS Goa and Stella Maris College Parliamentary debate, Chennai. Thanmayi CK, 1st year Industrial Engineering and management was a breaking Adj at both BITS and SMCPD. Deeksha R from 3rd year mechanical engineering was a breaking Adj at SMCPD and went ahead to adjudicate the Novice Finals at the tournament.

The debsoc is proud of all of its members, who put in time and effort to be the best at what they do and hope that the energy stays the same in the coming years.

Student Coordinators:

Viraj Reddy, President,
Contact: 73491 97029,

Sushma Fouzdar, Vice President
Contact: 8762706016

INNOVATION CLUB

Innovation Club is an interdisciplinary club focused towards brainstorming new ideas and implementing them. We at innovation club understand the importance of a project and encourage project making. This help student's find education outside the walls of the classroom which is far more essential and giving.

Though Innovation Club had a hiatus last year, we now have alleviated spirits, clear mind and a go-getter attitude towards the club. *The club has been relatively active this year with workshops being conducted for the overall skill development for the student along with being equipped with industry required skill set. Having already made innovative projects like Blind Assistive Smart Shoe, Air quality meter and much more, the club inclined towards inspiring freshmen to start innovative project early on.*

ACTIVITY:

- Machine Learning workshop was conducted with a more than expected turn out. This exposed students to the booming field and gave them a brief introduction into the vast subject.
- Ideate, Poster presentation, Model Presentation and quiz competitions were conducted in Engineers day on 15th September 2018. Prizes were given to the winners of each category.
- Brainstorming sessions were conducted with the freshmen and the best ideas were appreciated.
- In fact, the innovation club room in the electrical block is completely automated, allowing the user to control the lights and fans by using a remote. This project involved Arduino and interfacing of relays.

VISION:

We are living in a fast-moving world where innovation is the change. and we strongly believe that "Without change there is no innovation, creativity, or incentive for improvement. Those who initiate change will



have a better opportunity to manage the change that is inevitable." – William Pollard

We see innovation club as a very essential club building a platform for students to get acquainted with the idea of innovation. This being said, we see the club conducting more skill development workshops and giving opportunity for students to compete in many competitions nationwide.

PROJECTS: Blind Assistive Smart Shoe, Air Quality Meter, PID Quadcopter and many mini-projects like: Line follower, obstacle avoider/detector, transmitting serial data using shift register, controlling a servo motor using a distance sensor, Using H-bridge to interface a DC motor. Using PWM to interface the speed of a DC motor, etc.

LEO

LEO is the official literary club of SIR MVIT. It aims at building confidence among students and breaks their stage fright. It also helps students in building their vocabulary by using various fun methods and also acts as a breather from the mundane college routine. It helps them expressing their views and thoughts better.

LEO teaches the importance of building a resume and even makes students confident while they appear for job interviews during placements. This club encourages positive interactions between college students.

ACTIVITIES: There are lots of fun activities that happen at LEO:

- Air Crash
- Group Discussions,
- Turncoat
- Resume building
- Debates
- JAM(Just A Minute)
- Extempore
- Mock Interviews
- Guess the word
- Quiz
- Literati (Annual Literary fest)
- Story building

Achievements: As a club, LEO has helped many students over the years. We have seen students excelling in job interviews and also their vocabulary build up has helped them clearing GRE with great scores. There has been a boost even in their English speaking skills and vocabulary development, which has helped them create better presentations and also very fluent in speaking.

LEO has outshined their performance in Kalanjali and Verve.

LEOnites have performed exceptionally well in the departmental tests as well. This club has nurtured members who have participated in VTU fests and also in other college fests. Club



members have brought laurels to the group by winning in many events.

STUDENT COORDINATORS:

- Anuj Shetty - anujshetty18@gmail.com
9880749670
- Swati Mishra - mishraswati13@gmail.com
9742642982
- Nagashree-nagashree1998@gmail.com
9632341388

Teacher Coordinator: The current Teacher Coordinator of our group is Dr. Nagendra, Head of the Department, Biotechnology.

Quillz

MVIT Quillz is the official quizzing society of Sir MVIT founded in 2015. MVIT Quillz aims to create not only general awareness but also an appetite to know more. It has the most inclusive environment which ensures mutual growth for everyone who is a part of the club. This club has seen multiple folds growth over a span of just 4 years due to the commitment of all the members and the constant support of college administration.

ACHIEVEMENTS: The members of the club won Silver in VTU Youth Festival 2018 making it the second university medal for the club in 3 years. The club members had won Gold in VTU Youth Festival 2016.

Over the years, the club has been actively taking part and succeeding in quizzes of various level throughout Bangalore including college fests and Rotary quiz.

ACTIVITIES: The club remains active through its members who conduct interactive sessions after college hours on a regular basis. The sessions include wide range of topics like current affairs, business, technology, literature, sports, entertainment and a lot more.

"Launchpad- The Fresher's Quiz" is the orientation event to recognize the new quizzing talents of our college. This year saw the 4th successful edition of launchpad.

"Jigyasa- The Inter-Branch Quiz" is the biggest stand-alone club event in college.

Student Co-ordinators: The members have always come together to represent club and with senior members taking big responsibilities. Currently, the club is managed by Shivam Singh, Atul Kumar Singh.

Faculty Incharge: Dr. Kavitha HOD of Dept. of Telecommunications.



YOU KNOW, YOU GROW!



WOLFPAC

WOLFPAC; as the name suggests, it is a mix of boys and girls truly devoted to DANCE and certainly believes in unity. We the people of WOLFPAC, are excited to announce that we are “eleven” people in our family. Our team started off with four people and here we are as one of the official DANCE CREW of Sir.M.Visvesveraya institute of technology. As always, it is hard to watch a new crew emerging with a win, but getting to know our enthusiasm and talented rookies, it has been an adventures and an amazing journey so far.

Our team represents a fusion of all forms of dance like HIP HOP, CLASSICAL, CONTEMPORARY, to name a few. We are overjoyed with our new team as every person with an outstanding work ethics adds their unique attitude and personality at every practice. The members of our team are satisfactorily creative which keeps each one of us optimistic and pumped up for every performance. The team is united for a single cause – “STEP OUT AND RETURN WITH A WIN”. The team not just stays united in the name of DANCE but also supports each other when required.

We believe that DANCE is not just about performing but, it is the food to the soul. This movement has aesthetic and symbolic value. Movement of the body to music and within a given space, for the purpose of expressing an idea or emotion, releasing energy or simply taking delight from the movement itself. Every dancer in the team is extremely dedicated to this team and we can't wait to see how far we go this year.

The team has represented college in various inter and intra college dance competitions centred in Bengaluru. Over the past year, TEAM WOLFPAC is already thriving with three wins in M.S.Ramaiah College of Medical Sciences, Verve 2018, Kalanjali 2018 securing first position and runners up positions respectively. Our work has already begun and it is already clear that as always, the work will be worth the wait.



MEMBERS OF OUR TEAM

- Ajith Muthu - 4th year, Electronics and Communication Engineering
- Chandni Indira Raj – 4th year, Industrial Engineering and Management
- Darshan Buchadi – 4th year, Mechanical Engineering
- Amrutha. K. Jagadish – 4th year, Electronics and Communication Engineering
- Prajwal – 3rd year, Electrical and Electronics Engineering
- Disha. K. Bhandari – 3rd year, Electronics and Communication Engineering
- Srividya Subash – 2nd year, Biotechnology
- Chaman Poovanna – 1st year, Mechanical Engineering
- Manasa Ramakrishna – 1st year, Computer Science and Engineering
- Shashank. J.C – 1st year, Industrial Engineering and Management
- Revathi – 1st year, Computer Science and Engineering

RIPOSTE

THE DANCE CREW : The Riposte Dance Crew stands as one of the official dance crew of Sir M Visvesvaraya Institute of Technology. We have, from time to time represented our college in various inter and intra college dance competitions cantered in and outside Bangalore like The Chakravayuh 2015-16 VTU Techno Cultural Fest held at Alvas, Moodbidri, BMSCE, CMRIT, REVA University, SJBIT to name a few. Sessions are conducted on regular basis in the old auditorium from 4:30pm to 6:00pm where all the members are encouraged and given an opportunity to develop by incorporating choreography from the minds of the crew members.

The crew encompasses all forms of dance where an amalgam of all these dance forms are prepared, retaining the essence of each dance form.

Over the past few years, we have proved ourselves by winning VERVE 2017, bagging the second spot at KALANJALI 2017 at SIR MVIT and the second spot in PROMETHEUS 2017 held at Ramaiah Medical College. A total of 18 crew members are united here for a single cause- "Perform To Be Remembered". Not just in competitions but to support causes like the promotional event of Abhikalpana (the NGO of Sir MVIT), Riposte has set foot forward as dance is a language understood by many.

Dancing isn't about moving our body, it's more like stirring our soul and at Riposte, we believe in doing just that. We believe in engaging the dancer not only in technique based training but also teach them finer nuances like expressing and communicating from the soul, and inspiring them through the language of music and the medium of dance.

ACHIEVEMENTS AND PARTICIPATIONS

RIPOSTE, The official dance crew of SIR Mvit has represented the college in the following events:

- **Winners** of the intra college fest of **SIR Mvit- VERVE 2k18** on 17th September 2018
- Achieved **3rd position** in the inter collegiate fest of **JNCE Degree College** on 18th January 2019
- Participated in the inter college fest of **CMR Institute of Technology- CULTURA 2019** on 22nd March 2019



- Participated in the inter college fest of **REVA university- REVAMP 2k19** on 25th March 2019
- **Winners** of the inter collegiate fest of **Jnana Jyothi College** on 14th March 2019
- Bagged **second position** at the **BMS Institute of Technology** on 30th March 2019
- Participated in the inter college fest of **CMR Institute of Technology- CULTURA 2017** in March 2017
- Participated in the inter college fest of **REVA university- REVAMP 2k17** on 5th April 2017
- Bagged **3rd position** in inter college fest of **GOPALAN college- ESTRALIS 2017** on 8th April 2017
- **Winners** of intra college fest of **SIR Mvit- VERVE 2k17** on 21st September 2017
- Achieved **2nd position** in inter college fest of **Ramaiah Medical College- PROMETHEUS 2k17** on 26th September 2017
- Bagged **2nd position** in inter college fest of **SIR Mvit- KALANJALI 2k17** on 28th October 2017
- Participated in the **VTU techno cultural fest 2017-18 held at Belgaum** between 11th-14th April 2018
- Participated in the inter collegiate fest of **Bangalore Institute of Technology** on 23rd march 2018

NSS UNIT OF SIR MVIT

**VARIOUS ACTIVITIES ARE CONDUCTED UNDER
NSS UNIT OF SIR MVIT**

Event: FRESHER'S DAY - SAPLING DISTRIBUTION

Date: 04-08-2018

After the lunch NSS UNIT of Sir MVIT

organized the Distribution of saplings to the parents of 1st year B.E students on Fresher's Day.

Student Induction Program

Event: Planting of Saplings, Date: 08-08-2018



Participants: Dept HODs and 1st Year Students
Place: Near Indoor Stadium, Sir MVIT

STUDENT INDUCTION PROGRAM

SWACCH Sir MVIT CAMPUS Abhiyan

Date : 08-08-2018 No of students participated : 400



Fig: 1st year B.E students' participation Swacch MVIT Campus Abhiyan Program (Student Induction Program -2018)

Campus Abhiyan- Garbage collection and cleaning activities by Students



STUDENT INDUCTION PROGRAM - 2018

Event: School Visit, Date: 09-08-2018

Place: Government Model Primary School, Hunasamaranahalli

Students participated: 200 from 1st year, I, J, K, L sections. Thanks to Mrs Saraswathi Ital., Head Mistress, GMPS, Hunasamarahalli for giving us opportunity to interact with school students.

NSS UNIT YOUTH RED CROSS OF SIR MVIT

Event: BLOOD DONATION CAMP

Date: 11-09-2018,

Venue: New Auditorium, Sir MVIT

Blood UNITS collected: 320

4 Blood Banks are-

1. Department of Transfusion Medicine (Blood Bank), Victoria Hospital, B.M.C & R.I, Bengaluru
2. Indira Gandhi Institute of Child Health, Bengaluru
3. Sanjay Gandhi Institute of Trauma and Orthopaedics. Bengaluru
4. Indian Red Cross Society, Karnataka state Branch

Blood Donation Camp 11-09-2018



Group photo of NSS Volunteers, NSS Members, Principal & Lions Club Members



BLOOD DONATION CAMP

NSS unit and Youth Red Cross of Sir MVIT jointly with **Lions Club JP Nagar Ethics**

Date: 13-03-2019

Venue: New Auditorium, Sir MVIT

Number of units Blood Collected details: 323 Units

1. Kidwai Memorial Institute of Oncology, Bengaluru -100

2. Indira Gandhi Institute of Child Health, Bengaluru -77

3. Sanjay Gandhi Institute of Trauma and Orthopaedics -65

4. Bowring & Lady Curzon Hospitals, Bangalore-81



Students donating blood. With sample of Blood, Principal, Sir MVIT and Members of Lion's Club

72nd Independence Day Celebrations

Event: 72nd Independence Day,

Place: In front of new building

Date: 15-08-2018





INDIAN SOCIETY FOR TECHNICAL EDUCATION (I.S.T.E.)

The Indian Society for Technical Education is a national, professional, non-profit making society registered under the Societies Registration Act of 1860. Association of Principals of Technical Education (APTII) was transformed into 'Indian Society for Technical Education' in 1968 with a view to broaden its activities to advance the cause of technological education.

The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations.

Being the only national organization of educators in the field of engineering and technology, ISTE effectively contributes in various missions of the Union Government. The Ministry of Human Resources Development, AICTE/DST/MIT/ State Govts are well associated with the ISTE for programmes relating to Technical Education.

ACTIVITIES OF ISTE

- Curriculum development and updating
- AICTE sponsored STTPs (Short Term Training Programme for Engineering teachers and practicing professionals)
- Preparation of teacher-manuals and other instructional resource materials under ISTE-LMP, Learning materials for working professionals in selected areas under ISTE-WPLP (Working Professionals Learning Project), Special short-term programmes for teachers organized by ISTE-industries and other professional organizations.
- Seminars/workshops/conferences on topics of relevance to Technical Education
- Information Technology oriented programmes, Project formulation, implementation and appraisal, Preparation of directories on technical education facilities/expertise,
- Publication of ISTE Newsletter, quarterly Indian Journal of Technical Education, ISTE Handbook

- Learning Materials in the area of Electronics and Computer under ISTE-LMP and various monograms

MAJOR BENEFITS OF BECOMING AN ISTE MEMBER

- A member of National Professional Organization
- Joined an academic fraternity of over 45,000 strong professionals
- Preference to attend short term training programmes for the academic excellence and to become eligible for career advancement opportunities
- Getting bi-monthly newsletter, Quarterly Indian Journal of Technical education (at concession rates), Many more publications for Self-development, Institutional development, etc., (at concession rates)
- Eligible to participate in Chapter level, Section level and National level Conferences, Workshops and other activities of your academic interest etc.,



SIR MVIT CHAPTER-ISTE

Indian Society for Technical Education (ISTE), Sir MVIT Chapter was inaugurated on 26th October 1994 and is functioning actively since then. In 1994, there were only 30 life members and now the number has been increased to 108 at present. Actively supported 4 day national Seminar/ conferences and workshops etc. during 2018-2019

ISTE STUDENT CHAPTER: also conducts various training programmes and Lectures in association with various Departmental forums.

SIR MVIT CHAPTER-ISTE Sponsored a **4-Day National Seminar On "Innovations In Science And Engineering"** Jointly Organized By National Academy of Sciences (India), Bangalore Chapter & Sir M Visvesvaraya Institute of Technology, 25th-28th February, 2019.



IEEE Student Branch



IEEE Student Branch of Sir MVIT with the Branch code STB35861 has been inaugurated on 2nd April 2019. The Branch has 70 student members. Mr Abhishek Appaji .Assistant Professor BMSCE, Joint Secretary & SIGHT Chair, IEEE Bangalore Section, Webmaster & MD Chair, IEEE PES Bangalore Chapter, Treasurer, IEEE TEMS Bangalore Chapter was the chief guest. The function was presided by Dr.Nagendra, Chairman RAC, Mr Abhishek enlightened the students with the talk on Potential of being an IEEE Member and the benefits of IEEE Membership. He also talked on various societies and branches under IEEE which can be made use by the students to improve their professional life. The event was witness by around 200 students from departments of ECE,CSE Telecom.

Then the Slate containing the EXECOM for 2019 was declared by the branch counsellor and the newly formed execom members took the oath on the code of conduct regulated by IEEE headquarters before the dignitaries.

Mr Abhishek officially declared the affiliation of Photonics and Com-Soc joint societies to the Student Branch. Dr. Nagendra, Presided over the function and highlighted the importance of associating ourselves with the standard member bodies like IEEE and wished the team great success ahead. Dr. E Kavitha, spoke about the various activities and importance of professional bodies in moulding the careers of the individuals and suggested students to make utmost use of the facility created for them at Sir MVIT.





PHOTO GALLERY



DEPARTMENT OF BASIC SCIENCES & HUMANITIES STAFF



**GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF BIOTECHNOLOGY - B.E**



**GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF CIVIL ENGINEERING - B.E**



**GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING - B.E (A-SECTION)**



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING - B.E (B-SECTION)



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING - B.E (A-SECTION)



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING - B.E (B-SECTION)



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING - M.TECH



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING - B.E (A-SECTION)



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING - B.E (B-SECTION)



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING - B.E



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION - CORE & DUAL FINANCE



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION - MARKETING & HR



**GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS (MCA)**



**GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF MECHANICAL ENGINEERING - B.E (A-SECTION)**



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF MECHANICAL ENGINEERING - B.E (B-SECTION)



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT - B.E



GRADUATING STUDENTS WITH STAFF
DEPARTMENT OF TELECOMMUNICATION ENGINEERING - B.E



**TRAINING AND PLACEMENT STAFF WITH STUDENTS
PLACED IN CAMPUS RECRUITMENT - 1**



**TRAINING AND PLACEMENT STAFF WITH STUDENTS
PLACED IN CAMPUS RECRUITMENT - 2**



**TRAINING AND PLACEMENT STAFF WITH STUDENTS
PLACED IN CAMPUS RECRUITMENT - 3**



**TRAINING AND PLACEMENT STAFF WITH STUDENTS
PLACED IN CAMPUS RECRUITMENT - 4**



DEPARTMENT OF LIBRARY



SPORTS COMMITTEE



TRANSPORT DEPARTMENT



RESEARCH COMMITTEE



STUDENT WELFARE COMMITTEE



ALUMNI COMMITTEE



TEAM - ABHIKALPANA



CENTRE FOR INDUSTRY INSTITUTE INTERACTION (CIII)



SIRMVIT - SOCIETY OF WOMEN ENGINEERS



CULTURAL COMMITTEE



SRI KET STAFF



OFFICE ADMINISTRATIVE STAFF



CAMPUS SECURITY STAFF



ELECTRICAL MAINTENANCE



CONSTRUCTION & HORTICULTURE STAFF



HOUSEKEEPING STAFF



SIRMVIT & KCDS HOSTEL STAFF



UG PROGRAM



PG PROGRAM



RESEARCH CENTRE



Department Profiles

DEPARTMENT OF CIVIL ENGINEERING

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. V. R. MANJUNATH	B.E, M. Tech, Ph. D.	Professor & Principal
Mr. MAHENDRA BABU HP	B.E, M.E	Associate Professor & HOD
Mr. PRASAD K V R	B.E, M.E (Ph. D.)	Associate Professor
Dr. SHIVANNA S	B.Sc., M.Sc., Ph. D.	Associate Professor
Dr. RAVI KUMAR H	B.E., M.E., Ph. D.	Associate Professor
Mrs. ANITHA JAYARAMAN	B.E, M. Tech (Ph. D.)	Assistant Professor
Mrs. PRADEEPA S	B.E, M. Tech (Ph. D.)	Assistant Professor
Mrs. TAMIL SELVI N	B.E, M.E	Assistant Professor
Mrs. RAMYA N	B.E, M. Tech	Assistant Professor
Mrs. VYSHNAVI D R	B.E, M. Tech	Assistant Professor
Ms. BHAVYA S	B.E, M.E	Assistant Professor

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. SRINIVAS V	B.B.M, P.G.D.B.A, D.C.A	Clerk
Mr. SUDARSHANA REDDY P	BCA, MCA	Assistant Instructor
Mr. NARASARAJU K	I.T.I	Mechanic
Mr. GOVINDA RAJU	PUC	Attender
Mr. BHASKAR R	SSLC	Attender

DEPARTMENT OF CIVIL ENGINEERING

Civil Engineering is considered as one of the most diverse and versatile among the engineering disciplines. Civil Engineering contributes to modern standard of living and almost all products of modern life have contributions from Civil engineers. The Department of Civil Engineering, which started in the year 1986 with an intake of 60 students, offers undergraduate programme with emphasis on fundamental theory and practice in Civil Engineering keeping in view the current and continuously changing scenarios in this discipline. The Department has established state-of-art laboratories, which can provide opportunities for the students at all levels to be acquainted with the latest developments in various avenues of Civil Engineering. In addition to Teaching and Instruction, the faculty is also engaged in actively guiding student projects with an aim to generate innovative concepts and ideas or apply the existing technologies to new applications. The department is also actively involved in material testing works. We plan to undertake industrial consultancy work and organize Conferences / Workshop for professional interaction. The faculty members in the department are a blend of experienced seniors with dynamic youngsters. The department makes efforts to continuously enhance teaching-learning environment by using best practices and innovations in pedagogy.



Prof. MAHENDRA BABU H P
HOD

Faculty Achievements

Dr. Ravi Kumar H, Associate Professor has been awarded Ph. D. on 18th VTU Annual Convocation.

Publication

- 1) Sri. K. V. R. Prasad published a paper in International Journal.
- 2) Dr. Shivanna S published 2 papers in international journals and 1 in National Journal.
- 3) Dr. H. Ravi Kumar published a paper in National Journal.
- 4) Mrs. Pradeepa S published 3 papers in International Journals.

Awards and recognitions received

The project on “Evaluating the Efficiency of Activated Teak Leaves and Banana trunk in the Removal of Synthetic dye from Aqueous solution” was adjudged as “Best Project of the Year” during Seminar and Exhibition held at Bapuji Institute of Engineering and Technology, Davangere on 10th and 11th August 2018 guided by Mrs. Vyshnavi D R and Dr. Shivanna S for the VIII Semester students by KSCST.

DEPARTMENT OF CIVIL ENGINEERING



Two days workshop on Concrete Mix Design – Theory & Practice by Er.Shelly S. Fernandez and Er. Siddesh R Kamath (QcreteReadymix Concrete Pvt. Ltd.).



Technical Lecture on Civil Engineering – “Present Scenario and Future Scope” by Dr. D. M. Dewaikar, Professor Emeritus, IIT Bombay.



One Day Workshop on “Advanced Surveying Technologies Using Total Station, DGPS, LiDAR” by Mr. S. Hemanth Reddy, Chief Executive, Sir MV Institute of Engineering Skills, Bangalore

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of CSE started in 1987. It offers B.E. in Computer Science & Engineering. Being located in the IT capital of the country, the department justifies its presence by being one of the preferred infrastructures feeding well trained and qualified manpower not only to the global industry but also to the research and development establishments in the domain since last 30 years.

The department is built around 9 state-of-the-arts Software and Hardware laboratories equipped with high-end machines and latest software. All the laboratories are networked and are connected to high-end server's hierarchy which in turn is connected through a gateway and 60 Mbps dedicated link to Internet. The research lab also provides private 'Cloud' setup for the entire institute to access virtual resources.

The department is officially conferred recognition by VTU as its research center which resulted in more than 50 publications in Journals and International conferences. To its credit, the Department has secured 8 University ranks. The research environment is supported by multiple industry collaborations and MOUs with leading houses like EMC2, Infosys and Cognizant Technologies in addition to various start-up companies.



Dr. G C Bhanuprakash
HOD

Faculty Achievements

- 1.Mr. U. Nihal Konan and Dr. Suma Swamy have patent in their credit with application number 201841036925 and title "Cost Effective Ingestible Battery less Electronic Health Pill to Predict Heart Attacks and sudden Cardiac Arrests" [applied on 29/09/2018] and Funds of Rs. 40000 is sanctioned by Sri KET.
- 2.Dr. G. C. Bhanuprakash and Ms .Mayuri K. P. were invited as guest lecturers by the Department of Bio-Technology. Ms. Sowjanya Lakshmi and Ms. Mayuri delivered talks on different subjects at REVA University and Brindavan college of Engineering.
- 3.Dr. G. C. Bhanuprakash, Ms. Pallavi R., Ms. Sushila Shidnal have published two papers in International Journals.
- 4.Dr. Suma Swamy has published a paper in Springer.
- 5.Ms. Sheela Kathavate, Mr. B. C. Srinivas R, Ms. Ajina, Ms. Mayuri K. P have published 2 research papers in International Journals.
- 6.Dr. Savita Choudhary has published two papers in International Conference.
- 7.Ms. Monika Rani H. G. Ms. Sapna R have published paper in International Conference.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. G. C. BHANUPRAKASH	B.E., MS, Ph. D.	Professor & HOD
Dr. SUMA SWAMY	B.E., M. Tech, Ph. D.	Professor
Ms. SHEELA KATHAVATE	B.E., MS, (Ph. D.)	Associate Professor
Mr. SRINIVAS B. C	B.E., MS, (Ph. D.)	Associate Professor
Ms. PALLAVI R.	B.E., M. Tech, (Ph. D.)	Associate Professor
Ms. REKHA B. N.	B.E., M. Tech, (Ph. D.)	Associate Professor
Ms. SAVITA CHOUDARY	B.E., M. Tech, Ph. D.	Associate Professor
Ms. SOWJANYA LAKSHMI A.	B.E., M. Tech, (Ph. D.)	Assistant Professor
Ms. AJINA A.	B.E., ME, (Ph. D.)	Assistant Professor
Ms. SUSHILA SHIDNAL	B.E., M. Tech, (Ph. D.)	Assistant Professor
Mr. ELAIYARAJA P.	B.E.	Assistant Professor
Ms. SAVITHA P.	B.E., M. Tech	Assistant Professor
Ms. K. P. MAYURI	B.E, M. Tech	Assistant Professor
Mr. RAVI KUMAR H. R.	B.E., M. Tech	Assistant Professor
Ms. Mohammadi Ghousia Kousar	B.E., M. Tech	Assistant Professor
Mr. NARENDRA BABU	B.E., M. Tech, (Ph. D.)	Assistant Professor
Ms. DHIVYA	B.E., M. Tech	Assistant Professor
Ms. MONIKA RANI	B.E., M. Tech, (Ph. D.)	Assistant Professor
Ms. SUPRIYA	B.E., M. Tech	Assistant Professor

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Ms. SAVITHRI R.	Diploma in CSE	Assistant Instructor
Ms. NETHRAVATHI S.	Diploma in CSE	Assistant Instructor
Mr. MANJUNATH T.	Diploma in CSE	Assistant Instructor
Ms. RADHIKA R.	M. Sc. (Ph. D.)	Programmer
Ms.SAVITHRI C	B.Com	Clerk/Typist
Mr.VENKATA RAJU K.	SSLC (ITI)	Lab Attender

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Departmental Events Photos



Accenture Innovation Challenge Mr. U. Nihal Konan and Dr. Suma Swamy receiving their awards.



Sir M. Visvesvaraya Institute of Technology has accredited by The Society of Women Engineers, India



Dr. V. R. Manjunath Principal, Sir MVIT at the Julia



Zonal level Hackathon by NASA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION AND ENGINEERING

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. R SUNDARAGURU	M.E, Ph. D.	Professor & HOD
Dr. V G SUPRIYA	M. Tech , Ph. D.	Professor
Dr. G.R. KAVITHA	M. Tech , Ph. D.	Associate Professor
Mrs. KRISHNA PRIYA SHARMA	M. Tech	Associate Professor
Mr. SATISH KUMAR	M. S	Associate Professor
Mr. NATARAJA R	M. Tech, (Ph. D.)	Associate Professor
Mrs. SHALINI P	M. Tech	Associate Professor
Mrs. VIJAYA LAKSHMI Y	M. Tech	Associate Professor
Dr. SAFINAZ S	M. Tech, Ph. D.	Assistant Professor
Mr. G SHASHIBHUSHAN	M. Tech, (Ph. D.)	Assistant Professor
Dr. BHANU REKHA	M. Tech, Ph. D.	Assistant Professor
Mrs. SEEMA S	M. Tech	Assistant Professor
Mr. NAVEEN I G	M. Tech, (Ph. D.)	Assistant Professor
Mrs. SOUMYA NADIGIR	M. Tech	Assistant Professor
Mr. PHANINDAR RAVI P	M. Tech, (Ph. D.)	Assistant Professor
Mrs. PRAVEENA N	M. Tech, (Ph. D.)	Assistant Professor
Mrs. BHUVANESWARI	M. E	Assistant Professor
Mrs. SWETHA L	M. Tech	Assistant Professor
Mrs. RAJESHWARI K N	M. Tech	Assistant Professor
Mrs. POONGOTHAI C	M. E, (Ph. D.)	Assistant Professor
Mrs. VIJAYASHRI B	M. Tech, (Ph. D.)	Assistant Professor
Mrs. SHEETAL BAGALI	M. Tech, (Ph. D.)	Assistant Professor
Mrs. VANI B P	M. Tech, (Ph. D.)	Assistant Professor
Ms. ANJU K PETER	M. Tech	Assistant Professor

NON - TEACHING STAFF

Mr. D. S. MANJUNATH	B.E	Instructor
Mr. RADHAKRISHNA	D.E.C.E	Jr. Instructor
Mr. S. H. ASHOK	B.E	System Analyst
Mrs. R. REKHA	D.E.C.E	Jr. Instructor
Mrs. RAGINI B H	D.E.C.E	Jr. Instructor
Mrs. K. NETHRAVATHI	BSc	Clerk

DEPARTMENT OF ELECTRONICS AND COMMUNICATION AND ENGINEERING

The Department of Electronics and Communication Engineering offers one UG Programme with an intake of 120 and one PG programme with intake of 25. The Department of ECE has rich tradition in research and teaching over the term April 2018 – March 2019. The goal of the department is to transform the students into young engineers with sound technical leadership skills, knowledge and decision making abilities. The Department has well qualified, experienced and hardworking faculty members who are providing excellent teaching & learning environment. The department has recognized R&D centre under VTU. The faculty of the department have authored 31 Research Publications in various National/International Journals and presented 3 papers at International Conferences. The department has conducted 4 Student Development Programmes, 1 Faculty Development Programme, and 5 Guest talks from eminent professors from IISc and industrialists.



Dr. R. SUNDARAGURU
HOD

Faculty Achievements

1. Mrs. Safinaz S and Mrs. Bhanu Rekha K awarded Ph. D. in the 18th convocation conducted at VTU dated on 18-03-2019
2. Mrs. Sheetal Bagali completed Comprehensive viva exam under VTU, Belagavi.

Publications

1. Dr. R Sundaraguru has published 14 papers in International Journal.
2. Dr. K Bhanurekha, Dr. Safinaz S, Naveen I.G, Seema S, Swetha L, Y Vijayalakshmi, Rajeshwari K N, Bhuvaneswari N, Praveena N, Vijayashri B, Sheetal Bagali have published paper in International Journal.
3. Mr. Shashibhushan G has published four papers in International Journal (Scopus Indexed)
4. Praveena N has published two papers in IEEE Sponsored International Conference.
5. Seema S and Sheetal Bagali have published one paper in IEEE Sponsored International Conference.

Student achievements

1. Prakrithi Sharma, Kavya A S, and Keerthi Ramkumar/ 8th Semester ECE won the First Prize in State level Technical Project Exhibition at SVCE on 12th and 13th March 2019.
2. Durvesula Revanth / 6th Semester ECE representing Nautical Wing team has participated in the Phase-1 phase of the Indian Air Force Swarm Drone Competition held from 18 to 23 Dec 18 at A.F. Auditorium , New Delhi the team has successfully participated in the competition.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION AND ENGINEERING

Department Event Photos



National Conference NCIC3 2018



**SDP on Simulation and PCB design using
NI multisim and Ultiboard**



**SDP on Simulation using Orcad and NI
Multisim**



**Ankit, Shubham, Sayanthika first runners
up in ESA Makeathon**



Industrial Visit to CoreEL Technologies



**FDP on ASIC Design Flow Using Cadence
Tool**

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. VIJAYAKARTHIK. P	M.E., PH. D.	Professor & HOD
Dr. SHESHAPPA S. N	M.E., PH. D.	Associate Professor
Dr. VANIPRIYA. C. H	M.E., PH. D.	Associate Professor
Mr. RAGHAV. S	M. TECH	Associate Professor
Mrs. RASHMI AMARDEEP	M.S., (PH. D.)	Assistant Professor
Mr. VIJAYAKUMARA Y M	M. TECH	Assistant Professor
Mr. BYREGOWDA B K	M. TECH	Assistant Professor
Mr. SUGUNA M K	M. TECH	Assistant Professor
Mrs. SHANTA H BIRADAR	M. TECH, (PH. D.)	Assistant Professor
Mr. MANOHAR R	M. TECH, (PH. D.)	Assistant Professor
Mrs. PADMINI C	M. TECH, (PH. D.)	Assistant Professor
Mrs. SMITHA PATIL	M. TECH, (PH. D.)	Assistant Professor

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. SRIDHAR	B.E	System Administrator
Mr. RAMESH K	B.E	Lab Technician
Mr. RAMESH T		Attender

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

We started our journey in the year of 1999 with an intake of 60 students. Over the last 20 years, we have grown our expertise and competence in the core field of Information Science and Engineering.

We have a strong undergraduate program in Information Science and Engineering and having approved Research Centre by Visvesvaraya Technological University (VTU), Belagavi. At present, the department has 4 Ph.D Research scholars. Our department hosts several National Level Conferences, Workshop, Seminars, Guest Lectures, Alumni Lectures, Faculty Development Programme, Student Development Programmes, and Hackathons periodically.



Dr. P. VIJAYAKARTHIK
HOD

Our main focus of our curriculum is to impart technical knowledge and by using Innovative Teaching Learning methodologies. We motivate our students to do innovative projects and find solution to the problems in the real world.

Our Undergraduate students are encouraged to undertake various Technical projects and internships in leading IT Industries and also in Central Government organizations like HAL, BHEL, and IITs etc. Our department maintains active research groups for carrying out collaborative and interdisciplinary research. We have received Industrial funding for research and we are providing consultancy services.

Our Department has a strong Alumni Network and our Department Alumni are working all around the globe. Our Alumni regularly visit the Department and deliver Alumni Lecture to our students.

Our students are placed in good companies like Infosys, TCS, Amazon, Accenture, CTS, Robert BOSCH, Wipro, Tech Mahindra, IBM, and Cisco Societe Generale. More than 10 Percentage of students who are passing out every year are doing their Masters in foreign Universities.

Faculty achievements

1. Dr. P. Vijayakarthik was invited as Resource Person to deliver a Talk on "Role of IQAC at Higher Education at Dr. Thimmaiah Institute of Technology", Kolar Gold Fields (KGF) on 21st December, 2018.
2. Dr. P. Vijayakarthik is honored as Academic Advisory Committee Member in Dr. Thimmaiah Institute of Technology", Kolar Gold Fields (KGF), on 5th January, 2019.
3. Mr. Raghav S was invited as Resource Person to deliver an Expert lecture on "Microprocessors and Micro controllers "at Sri Venkateswara College of Engineering on March, 2019.
4. Mrs. Rashmi Amardeep authored the text book for III semester VTU Syllabus CSE/ISE branch entitled "Computer Organization "September 2018 Published by Subash Stores, Bangalore.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Department Event Photos



**Dr. P VIJAYAKARTHIK as Resource person
for delivering a talk on Role of IQAC at Dr
TTIT Blr**



**Dr. Vanipriya as Resource person for 4
days SDP**



**SDP on Machine Learning
organized by ISE**



**National conference NCIC3-
2018 held on 23-7-2018
organized by ISE and ECE
Depts**



**FDP on Machine Learning
organized by ISE**

DEPARTMENT OF MECHANICAL ENGINEERING AND IEM

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. K. S. Shanmukharadhya	Ph. D.	Professor & HOD
Dr. D. N. Drakshayani	Ph. D.	Professor
Dr. V. Shantha	Ph. D.	Professor
Dr. Rajendrakumar G Patil	Ph. D.	Professor
Dr. G. Balakumar	Ph. D.	Associate Professor
Mr. K. S. Manoharan	M. Tech	Associate Professor
Mr. K. Ejaz Ahmed	M. Tech, (Ph. D.)	Associate Professor
Mr. V. Mohanchandran	M. Tech	Associate Professor
Dr. A. J. K. Prasad	Ph. D.	Associate Professor
Mr. Halesh S B	M. Tech, (Ph. D.)	Associate Professor
Mr. B.M.Nagesh	M. Tech	Associate Professor
Mr. Janardhana K	M. Tech, (Ph. D.)	Associate Professor
Mr. Mahaboob Basha D	M. Tech, (Ph. D.)	Associate Professor
Mr. Kiran Kumar M	M. Tech, (Ph. D.)	Assistant Professor
Mr. Hanumantharayagouda M B	M. Tech, (Ph. D.)	Assistant Professor
Mr. Prashanth S H	M. Tech, (Ph. D.)	Assistant Professor
Mr. Ramesh C Guledagudda	M. Tech, (Ph. D.)	Assistant Professor
Mr. Prashanth L	M. Tech, (Ph. D.)	Assistant Professor
Mr. Shivakumar S	M. Tech, (Ph. D.)	Assistant Professor
Mr. Chethan D	M. Tech, (Ph. D.)	Assistant Professor
Mr. Nataraj M	M. Tech, (Ph. D.)	Assistant Professor
Mr. Chandrashekar B	M. Tech, (Ph. D.)	Assistant Professor
Mr. Yeshavantha H S	M. Tech, (Ph. D.)	Assistant Professor
Mr. Kumarswamy R	M. Tech	Assistant Professor
Mr. Sampath Kumar L	M. Tech, (Ph. D.)	Assistant Professor
Mr. Madhukumar K	M. Tech, (Ph. D.)	Assistant Professor
Mrs. Veena B G	M. Tech	Assistant Professor
Mr. Karthik M	M. Tech	Assistant Professor
Mrs. Asha Rani A	M. Tech	Assistant Professor
Mr. Ramesh K	M. Tech	Assistant Professor

DEPARTMENT OF MECHANICAL ENGINEERING AND IEM

The Department of Mechanical Engineering was established in 1986. The department has well equipped laboratories and workshops and has been recognized as Research & Development Centre by Visvesvaraya Technological University, Belagavi, for carrying out research activities leading to

M. Sc. (Engg.) and Ph. D. The department offers two UG programs namely, B.E. (Mechanical Engineering) and B.E. (Industrial Engineering and Management, started in 1995) and one PG program namely, M. Tech.



Dr. K S SHANMUKHARADHYA
HOD

(Computer Integrated Manufacturing (CIM), started in 2002).

The sanctioned students strengths of B.E. Mechanical Engineering is 120, B.E. Industrial Engineering and Management is 30 and M. Tech. CIM is 25. At present, the department has Ph.D. scholars, working on nanomaterials, composites, alternative fuels etc. The department possesses the state-of-the-art research facilities to support the academic programs and research.

The students of mechanical engineering have participated in various competitions at national/International level and have won various laurels. Several projects of the students have been funded by the Government of Karnataka and VTU, Belagavi. The students of our department work in interdisciplinary projects and have won laurels at National level.

Our department has a distinguished record in both teaching and research. Faculty members have excellent academic credentials and are highly regarded. They have publications at national and international levels and also have patents. Several faculty members serve on the editorial boards of national and international journals, review technical articles for journals on a regular basis and organize conferences and workshops.

Faculty Achievements:

- Mr. Raju B.S. was awarded Ph.D. by VTU on 18/3/19 in mechanical engineering on "Studies on the process parameters of rapid prototyping (stereolithography) technique for the betterment of part quality" Guided by Dr. Drakshayani D.N. and Dr. U Chandrashekar.
- Mr. Halesh S B has published a book on Control Engineering, Sapna Book House, ISBN: 976-81-280-1351-5.
- Mr. Halesh S B has published a book on Finite Element Method, Sapna Book House, ISBN: 978-81-280-2112-1.
- Mr. Kiran Kumar and Mr. Mahaboob Basha D have published a book on Energy Engineering, Sudha Publications.

DEPARTMENT OF MECHANICAL ENGINEERING AND IEM

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mrs. R. Chandrakala	MA, MLIS	Clerk cum Typist
Mr. Deva Raja	DIP	Junior Instructor
Mr. Murali B	ITI	Mechanic
Mr. Giridhar K	ITI	Mechanic
Mr. Raja D	ITI	Mechanic
Mr. Lokesh T	ITI & NAC	Mechanic
Mr. Sudhakarraju K	SSLC	Lab-attender
Mr. Rajanna S	SSLC	Lab-Attender
Mr. Subbaraju N C	SSLC	Lab-Attender
Mr. Bhaskar N	SSLC	Helper
Mr. Vasu Deva	SSLC	Helper



FDP on Nano Technology



Visit to VTU PG center at Muddenahalli



SDP on 3D Printing



SDP on IC Engines

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Electronics and Telecommunication engineering is a stream which offers diversity, scope for creativity, a dynamic environment with an increasing demand in the market. Telecommunications engineering is a part of electronics engineering which involves modeling, design, manufacturing, testing and operation of systems and the software APIs used for telecommunications. A telecom engineer typically is given complete responsibility of constructing a telecommunication system or device. This entails that the engineer drafts the plan, design and also configure the hardware and software requirements to achieve the desired telecommunication system/device. The work ranges from basic circuit design to strategic mass developments. A telecommunication engineer is responsible for designing and overseeing the installation of telecommunications equipment and facilities, such as complex electronic switching systems, and other plain old telephone service facilities, optical fiber cabling, IP networks, and microwave transmission systems.



Dr. KAVITHA E
HOD

Telecommunication engineering also overlaps with broadcast engineering. A communications engineer is responsible for the research, design, development and production of communications equipment / systems. Communications engineering encompasses modes of communication such as satellites, radio, internet and broadband technologies and wireless telephone services. The telecoms field continues to expand, with more and more gadgets and service providers on the market. The role of communications engineer can take on a managerial or technical direction; both areas demand a huge level of technical understanding. They provide expertise and services to telecommunications companies and manufacturers. Self-employment via consultancy/contract work is possible for those with several years' experience. As one grows in this profession, he/she will also have to compile engineering project proposals to define goals, identify scope, background need and also estimate the costing of the equipment, parts and services.

Analytical and problem solving skills are always an added advantage for a telecommunications engineer as identifying and analysing problems of the existing telecommunications systems so that one can determine the most effective ways of reducing and eliminating future problems for improved communication levels. Telecom is an upcoming arena of Techno marvel where the generations are born within decades and the transformations are accepted widely and the technology transfer is imminent. A telecom Engineer is the future of IOT and allied field. The AI is highly appreciated by Telecom Technocrats and the analysis and updates are boundless.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. Kavitha E	B.E., M.E., Ph. D.	Professor& HOD
Mrs. Savitha Harkude	B.E., M.E., (Ph. D.)	Associate Professor
Mrs. Kalaiarasi M	B.E., M.E., (Ph. D.)	Assistant Professor
Mr. Subhra Chakraborty	B.E., M. Tech, (Ph. D.)	Assistant Professor
Mrs. Divya Rani M S	B.E., M. Tech, (Ph. D.)	Assistant Professor
Mrs. Sree Lakshmi T	B.Tech, M. Tech	Assistant Professor
Mrs. Padma Gayathri T K	B.E., M. Tech	Assistant Professor
Mr. Pradeep Kumar S	B.E., M. Tech, (Ph. D.)	Assistant Professor
Mrs. Suma L	B.E., M. Tech	Assistant Professor

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. Thejshekar Gupta .K	Diploma	Jr. Instructor
Mr. H Basavaraja	Diploma	Assistant Instructor
Mr. Ravi Kumar	MA	Mechanic
Mr. Nagabhushan	ITI	Mechanic
Mr. Anantha Raju V	PUC	Attender

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

In today's times opportunities are galore for a telecommunication professional and this trend is only expected to rise positively with the ever growing demands of the consumers and Research arena.

The department of Electronics and Telecommunication engineering at Sir MVIT is equipped with a perfect blend of qualified, experienced, knowledgeable and dedicated faculty. The department is well equipped with six laboratories and a department library. We believe in educating the students not only through lectures but also through Co-Curricular and Extra-Curricular activities spread throughout the year. The department is very proud for securing two university ranks in the year 2017-18 VTU exam.



FDP on Computer communication Lab

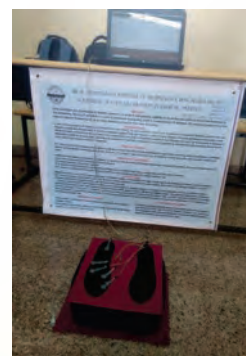


Guest Lecture on "Communication
Architecture
of IoT for the New era of Connectivity"

Teleposium



Parents- Teachers Meeting



Project Expo

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. H. L. Suresh	M. Tech., Ph. D.	Professor & HOD
Dr. Mahesh K	M. E. , Ph. D.	Professor
Dr. M. S. Suresh	M. Tech, Ph. D.	Assistant Professor
Dr. C. V. Mohan	M. E. ,Ph. D.	Associate Professor
Ms. D. Beula	M. E., (Ph. D.)	Associate Professor
Dr. R. Subha	M. Tech, Ph. D.	Associate Professor
Mr. R.Sivapriyan	M. Tech, (Ph. D.)	Associate Professor
Ms. Nanda M. Shivamoggi	M. Tech	Assistant Professor
Ms. P.Sumalatha	M. Tech	Assistant Professor
Ms. Rekharadhakrishnan	M. S.	Assistant Professor
Dr. Nayana B.R.	M. Tech, Ph. D	Assistant Professor
Mr. Kumaraswamy R	M. Tech	Assistant Professor
Ms. Bindiyatyagi	M. Sc (Engg by Research)	Assistant Professor
Ms. Anchal Chhabra	M. Tech	Assistant Professor
Ms. Janki B. Borad	M. E.	Assistant Professor
Ms. Ragasudha C.P	M. Tech	Assistant Professor
Mr. Manohar Varma K.V.M	M. Tech	Assistant Professor
Mr. Kiran Kumar M.K.	M. Tech	Assistant Professor
Mr. Nithin Kumar Reddy K.N	M. Tech	Assistant Professor
Ms. Vidyashree N.A	M. Tech	Assistant Professor
Ms. Reshma T.M	M. Tech	Assistant Professor
Mr. Keshavaraju C	M. Tech	Assistant Professor
Mr. Kiran B V	M. Tech	Assistant Professor
Mr. Bhaskar C	M. Tech	Assistant Professor

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Department of Electrical & Electronics engineering was established in the year 1987. The department offers four year undergraduate program (B.E) in the domain of Electrical & Electronics Engineering. The department has sound infrastructure with well facilitated laboratories and class rooms. The department has a team of dedicated staff with diverse specialization. The core competency of the department is mainly in the area of power system, AI applications to power system, power electronics and industrial drives, digital signal processing, distributed generation systems, etc. In the department presently there are five faculties with Ph.D., two professors and two faculties are pursuing their Ph. D. The department was recognized as R & D centre by Visvesvaraya Technological University (VTU) in the year 2002 and under this centre two staff successfully completed Ph. D. degree. The R & D centre has successfully completed two major projects funded by CPRI and VTU worth of 8 lakhs and 4.4 lakhs respectively.



Dr. H. L. SURESH
HOD

The staff of the department constantly strives towards academic excellence by engaging in research and skill development programs. This has culminated in four publications in International journals and three International conferences. The staffs have also actively participated in workshops organized in various institutions/organization including SIR MVIT.

The students of department under the guidance of dedicated and motivated teams of faculty have consistently have achieved excellent academic record. The staff of the department also encourages students to take up in-house projects leading to paper publications.

Department always encourages students to enable them to be socially responsible engineers and contribute significantly to the development of mankind by providing and encouraging different learning process., like experiential learning, participatory learning and problem solving methodology learning. The students of the department are always encouraged to take up MOOC & NPTEL courses and participate in cultural programs and sports to enhance their profile.

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. Krishnamurthy U Rao	BE	Instructor
Mr. Parandhama S. H	Diploma	Electrician
Mr. D. S Suresh	Diploma	Electrician
Mr. Mahadeva Prasad K B	ITI	Technician
Mr. Chinnabbaraju	SSLC	Attender
Ms. Pramila B M	BSc	Clerk/Typist

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Department Highlights

- Dr. H. L. Suresh has joined the department as Professor and Head in June 2018.
- Dr. R. Subha has been awarded PhD in Electrical and Electronics Engineering by Pondicherry University in November 2018.
- Dr. C. V. Mohan has been awarded PhD in Electrical and Electronics Engineering by Visvesvaraya Technological University in December 2018.
- Dr. M. S. Suresh has been awarded PhD in Electrical and Electronics Engineering by Visvesvaraya Technological University in January 2019.
- Dr. Mahesh K has joined the department as Professor in February 2019.
- Dr. Nayana B. R has been awarded Ph.D in Electrical & Electronics Engineering by Vellore Institute of Technology in April 2019.



Student Achievements

- Mr. Aman Sinha of VI semester and team have participated in the exhibition in students pavilion category at Aero India Show 2019 at Yelahanka, Bengaluru and have won first prize and a cash award of 2 Lakhs.

- Mr. Aman Sinha of VI semester and team have participated in India Innovation Program (IIGP), Dept. of Science & Technology, Govt. of India in 2018 and have won first prize and a cash award of 10 Lakhs.

- Ms. Nayanika Ranjan of VI semester has won Silver medal in Taekwondo, Bronze medal in Judo and Silver medal in Wrestling in the VTU Intercollegiate Single Zonal Tournament in October 2018.

- Mr. Aishwar of VIII semester as a part of the college western dance team RIPOSTE has won Third prize in JNCE College Group dance in January 2019 and Second prize in MS Ramaiah Medical College Group dance in September 2017.



DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology has exhibited steady progress over the term April 2018 – March 2019. Funded projects worth Rs. 48.25 lakhs from BIRAC, has been received. The faculty of the department have authored 11 Research Publications in various National/International Journals and presented 8 posters/papers at National/International Workshops/Conferences. Over the year, the department has successfully conducted, 5 Student Development Programmes, 2 Industrial Visits, 12 Guest talks from eminent personalities and One Stake-Holder's Meet. Our students have won awards at VTU Cultural Fest in events like Debate, Quiz, Dance, Essay Writing and Photography. Our students have also represented the college in Badminton, Judo, Taekwondo, Wrestling, Volleyball, Softball, Cricket, and Basketball. Mr. Anuj Shetty & Mr. Sukesh Narayan Kashyap of VIII Semester won First place in the Regional Qualifies of India Bio Quiz 2018 at the Bengaluru Tech Summit 2018 Organized by Govt. of Karnataka and Department of Biotechnology.



Dr. H.G. NAGENDRA
HOD

Mr. Sukesh Narayan Kashyap of VIII semester qualified for Quarter finals as an adjudicator in the British Parliamentary Debate at Govt. Law College, Mumbai. Sneha and Shambhawi of 8th Semester have received consolation prize of Rs 5000 in Anveshana 2019 Science Exhibition.

Faculty Achievements:

Dr. H G Nagendra Award

Dr. H. G. Nagendra and Mr. Sreenivas BV received LevelNXT award for M/s ASPARTIKA BIOTECH as one among the top 10 most promising and innovative companies recognized by DST, PwC and FICCI on 5TH MARCH 2018.

Funded Projects

- Computational Strategies to investigate the therapeutic potentials of Snake Venom Toxins for specific neuro-degenerative disorders" ICMR funded project – Rs. 16.54 Lakhs; Period 2019-2022.
- Evaluation of a non-antibiotic feed supplement towards enhancement of immune response against mycoplasma infection in poultry to prevent the occurrence of complicated chronic respiratory disease" funded under PACE scheme of BIRAC. Rs. 48.25 Lakhs; Period 2018-2020.

Nominations to Executive Bodies

1. Advisory Board Member, Department of Biotechnology. PES University, Bangalore.
2. Governing Council Member, Maharani Lakshmi Ammanni College for Women, Malleswaram, Bangalore.
3. Program, Assessment Committee Member, Department of Biotechnology, the Oxford College of Engineering, Bangalore.

DEPARTMENT OF BIOTECHNOLOGY

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. H .G. Nagendra	Ph. D.	Professor & HOD
Dr. Chandrashekhar Naik	Ph. D.	Professor
Dr. Mrinalini Menon	Ph. D.	Associate Professor
Dr. Rajendra Singh C	M. Phil , Ph. D.	Associate Professor
Dr. Priya Narayan	M. Phil, Ph. D.	Associate Professor
Mrs. A. Niveditha	ME, (Ph. D.)	Associate Professor
Mr. Jagadeesh Kumar	B.Ed., M. Sc, (Ph. D.)	Assistant Professor
Ms. Sudevibasu	M. Tech, (Ph. D.)	Assistant Professor
Mr. Manjunath R	M. Tech	Assistant Professor
Mrs. Rashmi K V	M. Sc., (Ph. D.)	Assistant Professor
Mrs. Halima R.	M. Tech, (Ph. D.)	Assistant Professor
Mr. Ishwar Chandra	M. Tech, (Ph. D.)	Assistant Professor

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. Narasimha Murthy B	DME	Assistant Instructor
Mr. Hariharan P	M. Sc. (Ph. D)	Instructor
Ms. SheryMol S M	M.Sc. [SE]	DEO
Mr. Srinivasaiah	10th	Peon

DEPARTMENT OF BIOTECHNOLOGY

10 Monday Lecture Series on Drug Discovery



SDP by Himalaya Drug Company



Skill Development Program

Third Integrative Workshop on

Downstream Processing of Phytopharmaceuticals

- Research & Industrial Applications

10 Days (Only on Saturdays) - 25th August to 3rd November, 2018

(Collaborative Event of Himalaya Drug Company & Sir MVIT)



5 -DAY SDP on NGS DATA

The department conducted 9 Guest Lectures, 2 Industrial Visit, 7 Technical Seminars. 8 Faculty Members published paper in leading journal and conferences, Dr. Chandrashekar Naik, Dr. Mrinalini Menon, Dr. Rajendra Singh, Mr. Jagadeesh Kumar D, Mr. Ishwar Chandra delivered talks as a Subject Expert and a Resource Person at various Institutions.

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Dr. Sandhya Suswaram	MBA, M. Phil, Ph. D., MSc, PGIR, PGGC, DLL, CEP (IISc)	Associate Professor & HOD
Dr. G. Srinivasa	MBA, Ph. D.	Associate Professor
Mr. Harish B S	BBM, MBA, (Ph. D.)	Assistant Professor
Mrs. Lakshmi H	BE, MBA, (Ph. D.)	Assistant Professor
Mrs. Tania Thomas	BCA, MBA, (Ph. D.)	Assistant Professor
Mrs. Deepthi J R	BE, MBA	Assistant Professor
Mrs. Srilakshmi Venkatarao	B. Tech, MBA	Assistant Professor
Mrs. Ashwini Anand	B. Com, MBA	Assistant Professor
Mr. Kiran S	BBM, MBA	Assistant Professor
Mr. Karthik S V	BBM, MBA	Assistant Professor
Mr. Prashanth B B	B. Com, LLM	Assistant Professor
Mr. Subramani Raju	MBA	Assistant Professor

NON - TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. Narayana Raju	BA	Clerk Cum Typist

The department conducted several events like FDP, SDP, Cultural activity and organized four Industrial Visits.



General Quiz and Kannada Rajyotsava Celebration at CS Seminar Hall on 30-11-2018



FDP on ART of Writing Research articles



Industrial visits to "Hindustan Coca Cola Beverages Pvt. Ltd, Bidadi on 23-11-2018

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

The Department of Management Studies was started in the year 2001 with an intent of developing individuals holistically to acquire management skills to shoulder challenging responsibilities in the emerging corporate scenario. The Department has highly qualified and accomplished teaching staff with a blend of academic and industry experience. The department of MBA is a recognized Research Center affiliated to VTU. The department goes beyond teaching the prescribed syllabus by training the students through specially designed teaching pedagogy. The department has various forums Spoorthi - Hr forum, CEMS-Marketing forum, FINNAC- Finance forum, YOJAKA to enhance the skill sets of the



Dr. SANDHYA SUSWARAM
HOD

students in various domains there by augmenting their knowledge. The forums actively conducts various student development activities like personality development, business communication programs , domain oriented workshops, seminars, case discussions, debates, business quizzes , role play's, etc. To make the students' industry ready, Subject Matter Expert (from corporate) Interactions are conducted to make them understand the contemporary practices in the business world. Students are provided with hands on practical exposure by the way of Industrial Visits. Certification Programs like Advanced English Training, Six Sigma, Digital Marketing, SEBI, MS Excel and HR Analytics are being offered as a value addition to the students to increase their domain specific knowledge.

FACULTY ACHIEVEMENTS

Dr. Sandhya Suswaram had been invited as a resource person for a workshop on "Methods of Solving Case Study" at Sri Venkateshwara College of Engineering, Bangalore on 20-Dec-2018; had been invited as a Session chair for the National conference on "Recent trends in Business Management" dated 25-Jan-2019 at PESCE, Mandya; had been invited as a resource person for a one day workshop on "Emerging trends in Business Management", at Jnana Jyothi PG College, Bangalore on 14-March-2019.

Book's Published

Dr. Sandhya Suswaram, Associate Professor & HOD has Published a book titled MGMT and ORGB , Cengage Publications ISBN 978-93-866668 in the year 2018, which is now a Recommended book for MBA 1st SEM for VTU and BU & Proposed for JNTU.

Management Development Programme (MDP) :

Dr. Sandhya Suswaram and Mr. Harish B.S successfully conducted MDP, in Assent Management Services, RK Tex Architecture and Interior designers.

Publications:

1. Mr. Harish B S, Assistant Professor has published two research papers in National & International Journals approved by UGC.
2. Ms. Lakshmi H, Assistant Professor has published two research papers in International Journals approved by UGC.

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

TEACHING STAFF

NAME	QUALIFICATIONS	DESIGNATION
Dr. MANJULA SANJAY KOTI	MCA, M. Phil, Ph. D.	Professor& HOD
Ms. LAKSHMI K.	MCA, M. Phil	Associate Professor
Ms. SUJATHA ANAND	MCA, M. Phil	Associate Professor
Ms. LATHA R.	MCA, M. Phil	Associate Professor
Mr. MUTHURAMALINGAM B.	MCA, M. Tech	Assistant Professor
Ms. VANI HARAVE	MCA, M. Phil	Assistant Professor
Mr. RAGHAVENDRA RAO B G	MCA	Assistant Professor
Mr. VASANTHA S	MCA	Assistant Professor
Ms. SNEHA BHARTI	MCA	Assistant Professor
Ms. KOMALA R	MCA	Assistant Professor

NON - TEACHING STAFF

NAME	QUALIFICATIONS	DESIGNATION
Ms. Ashwini	MCA	Programmer
Ms. Nivedita	MCA	Programmer

ADMINISTRATIVE STAFF:

NAME	QUALIFICATIONS	DESIGNATION
Mr. Prabhakara S.	M A	Clerk/Typist
Mr. Lakshmappa	7th Std.	Peon

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

The Department of MCA was started in the year 1998 with an intake of 30. The intake was subsequently increased to 60 in 2001. The excellent infrastructure, teaching faculty of the best kind of the Department ensures quality education such as interaction among students, parents and staff, along with a Training and Placement Cell ensures a bright future to the students. The Department of MCA is striving hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence and provides platform for the students to achieve their career goals. The department has several MOUs with reputed organizations which help in training students and faculty on latest cutting edge technologies and also to pursue Research and Development activities. The faculties of the department are pursuing research in the areas of Data Mining, Cloud Computing, Data Analytics and Wireless Sensor Networks. The faculties have publications in International Journals and Conferences. The department organizes number of workshops, seminars and guest lectures by inviting reputed experts from industry and academia. With regard to the placement, the department has done exceedingly well with students working in reputed multinationals like Cerner, Oracle, Infosys, TCS, Accenture, Cognizant, HCL, Polaris, Wipro, IBM etc., I wish all the students and faculty a good academic career.



Dr. MANJULA SANJAY KOTI
HOD

Faculty achievements:

Dr. Manjula Sanjay Koti has received Distinguished Educator award from International Institute of Organized Research, 2018.

Publications:

- Dr. Manjula Sanjay Koti has published two papers in International Journal; published one paper in Springer.
- Mrs. Lakshmi K has published one paper in International Journal.
- Mr. Raghavendra Rao B. G has published one paper in International Journal.
- Mrs. Vasantha S has published one paper in International Journal.

MOU:

MOU has been signed between SIR MVIT and RADEL CORP, Bengaluru on Sep 1, 2018.



MOU with RADEL CORP

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

The department organized several events such as SDP, Inter-Collegiate Fest “Avyukta 2K18”, Project Exhibition “Tech Pro 2K18” and FDP.



SDP on Testing Techniques to Test Architecture



Avyukta 2K18



Tech Pro



FDP on Mobile Applications



SDP on Salesforce Cloud



Alumni Interaction



Cyber Security Conference-2018

DEPARTMENT OF BASIC SCIENCE & HUMANITIES

DEPARTMENT OF CHEMISTRY

Department of Chemistry has been consistently getting good results in both theory and lab examinations of VTU, Belagavi. Department of Chemistry has been recognized as R&D Centre by VTU, Belagavi since 2011-2012. The department maintains active research groups for carrying out collaborative and interdisciplinary research. Department has the state of the art research facilities to support our academic programs and research. Faculty members of the department have published their research articles in reputed journals of Elsevier, Taylor & Francis etc., with very high impact factors. Department of Chemistry has a distinguished record in both teaching and research. Faculty members of the department have authored text books on Engineering Chemistry. Faculty members have excellent academic credentials and are highly regarded.



Dr. G. M. KRISHNAIAH
HOD

TEACHING STAFF

NAME	QUALIFICATIONS	DESIGNATION
Dr. G. M. KRISHNAIAH	B.Sc., M.Sc., Ph. D.	Professor and HOD
Mr. H. M. SATHYANANDA	B.Sc., M.Sc., M. Phil., (Ph. D.)	Assistant Professor
Mr. G. K. PRASHANTH	B.Sc., M.Sc., M. Phil., (Ph. D.)	Assistant Professor
Dr. ANIMA UPADHYAY	B.Sc., M.Sc. Ph. D.	Assistant Professor
Mr. M. MUTTHURAJU	B.Sc., M.Sc.	Assistant Professor

NON - TEACHING STAFF

NAME	DESIGNATION
Mr. G.R. SHIVAKUMAR	Demonstrator
Mr. K. RAMESH KUMAR	Lab Attender

Dr. G. M. Krishnaiah have been appointed as BOE Chairman ,Member- PREC, BOS member, VTU, Belagavi.

DEPARTMENT OF PHYSICS

The Department of Physics was established in the year 1986. The basic aim of the Department is to impart education to the budding engineers, in pursuit of academic excellence and better understanding of the concepts of Physics, both in theory and practical at UG level, which enable them to apply these concepts to tomorrow's technological advancement. The department offers two courses namely Engineering Physics theory and Engineering Physics Laboratory for all the first year undergraduate Students. The department has well qualified faculty members involving themselves in the welfare of the first year students. They have a very good teacher- student interaction which ensures good academic performance of the students in the first year. The faculty members of the department are involved in research in the active areas of Physics. The department has two well-equipped laboratories to offer practical training as per the academic requirements of VTU. The department is recognized as an R& D center under VTU Belagavi. The department has maintained good academic result in the subject Engineering Physics theory & Lab (nearly 92.3% for theory & 97.2% for Lab) in I and II semester of VTU exams of the academic year 2017-18.



Dr. Asha Rao
HOD

(Department of Physics & Humanities)TEACHING STAFF

NAME	QUALIFICATIONS	DESIGNATION
Dr. ASHA RAO	M. Sc., MBA, Ph. D.	Professor & HOD
Dr. HARIHARAN. N	M. Sc., Ph. D.	Associate Professor
Mr. SASIKUMAR N	M. Sc., MBA (Ph. D.)	Assistant Professor
Mrs. PURNIMAA SASIKUMAR	M. Sc. (Ph. D.)	Assistant Professor
Mrs. VEENA SHIVAPRASAD	M. Sc.	Assistant Professor
Mr. DILEEP M. S	M. Sc. (Ph. D.)	Assistant Professor
Mr. PRASHANTHA B B	B. Com, L.L.M	Assistant Professor
Ms. SHAHNAAZ BEGUM	M A	Assistant Professor

NON - TEACHING STAFF

NAME	QUALIFICATIONS	DESIGNATION
Mr. MUNIRAJU	SSLC	Lab Assistant
Mr. KUPPARAJU	SSLC	Peon

DEPARTMENT OF MATHEMATICS

The Department of Mathematics established in the year 1986 and currently headed by Prof. U. S Hegde. Over the years department has evolved into a team of nine well qualified, experienced faculty members comprising two doctorate holders and three pursuing Ph.D. programme. As a result of its continuous, sincere and result oriented efforts as a team, the department has been witnessing excellent results consistently and every year a good number of students are scoring cent percent. The Department of Mathematics is mainly involved in teaching activities for UG / PG Programmes. Faculty members are actively engaged in research work and have published more than 40 papers in various National/ International conferences and refereed journals and also authored various textbooks on Engineering Mathematics and Indian mathematics and astronomy. The department of Mathematics is a recognized VTU Research Centre for the Ph.D programme.



Prof. U S HEGDE
HOD

TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. U S Hegde	M.Sc	Associate Professor & HOD
Dr. S K Uma	M.Sc., Ph. D.	Professor
Dr. Gangadhariah Y H	M.Sc., Ph. D.	Professor
Ms. S Uma	M.Sc	Associate Professor
Ms. Chaya T Y	M.Sc., M. Phil., (Ph. D.)	Assistant Professor
Mr. Aravind P N	M.Sc	Assistant Professor
Ms. Shuba R N	M.Sc., (Ph. D.)	Assistant Professor
Ms. Malashri S	M.Sc	Assistant Professor
Ms. Chetana M B	M.Sc., (Ph. D.)	Assistant Professor

FACULTY ACHIEVEMENTS:

1.Dr. S. K. Uma was a resource person for Two day workshop on "INTRODUCTION TO CLASSICAL INDIAN ASTRONOMY" held on 22-23, February 2019 at R V College of Engineering, Bangalore; Chaired a session at Three Day conference held at, Sri Chandra sekharendra Saraswati Vishwa Mahavidyalaya, Enathuru, Kanchipuram, Tamil Nadu from 27th to 29th November 2018; Chaired a session in National conference on "EMERGING TRENDS IN APPLIED MATHEMATICS" held on 9th May 2018 at the Department of Mathematics, SJBIT, Bangalore.

PUBLICATIONS:

1.Dr. S. K. Uma has published one paper in International Journal, one paper in International Conference and two papers in National Conference.

2.Dr. Gangadhariah Y H has published three papers in International Journal and one paper in National Conference.

FDP: Department of Physics, Chemistry & Mathematics jointly conducted three day - FDP on "Recent Trends in Science, Engineering and Technology" from 15th -17th November, 2018.

TRAINING AND PLACEMENT CELL

The Training and placement officer is an Ex-Education Master warrant officer from Indian Air Force. He is an eminent soft skill trainer and has over 35 Years of experience on “soft skill training” and the entire HRD related activities. He has delivered many useful talks on topics like “Change Management”, “Role of HRD in higher Education” etc. on FM channel under GYAN VANI programme.

The campus recruitment drive for final semester students of 2019 batch is in progress and the same will be concluded on 15th April-2019. Till date 45 companies have conducted their campus drive. Among the students already placed, 108 students are holding multiple offers under dream options.



PROF. S H KHAN
- M. Sc, MBA.SDHRM,
ADIM,PGDPM& IR

STAFF OF TRAINING AND PLACEMENT CELL

NAME	DESIGNATION
Prof. S H Khan	Training and placement officer
Mr. S V Ramesha	Computer Operator and placement coordinator
Mr. Manu Gowda	Admin Assistant and placement coordinator
Mr. N. Peethambaram	PS to Training and placement officer

STATISTICS OF PLACEMENT

- 1.Total students registered and opted for placement: Around 700
- 2.Total students eligible for placement (Taking into account the minimum CGPA requirements by visiting companies) : 560 across all branches
- 3.Number of offers issued: 544+
- 4.Number of students placed: 546
- 5.Number of students holding multiple offers: 108
- 6.Placement percentage : 78%

UNIQUE ACHIEVEMENTS OF CURRENT YEAR PLACEMENT

- 1.ACCENTURE picked up 160 students across all circuit branches.
- 2.All IT Majors (INFOSYS, WIPRO, COGNIZANT, TCS AND ACCENTURE) conducted drive for our students and picked up good number of students.

3. Out of 45 companies visited so far, the compensation package of 11 companies is more than Rs. 6 lakhs per annum.
4. The highest package so far is Rs. 10.70 lakhs per annum by TARGET incorporation which picked up 06 students.
5. Out of 37 students picked up by TCS, one student named EYASHU Gupta was selected by TCS Code Vita Contest with a compensation package of Rs.7lakhs per annum.
6. Siva prasanth V of MBA department, got placed in a top company Convert Cart Pvt Ltd with a compensation package of Rs. 8 lakhs per

List of companies visited for campus recruitment during the academic year 2018-19

SL NO	NAME OF THE COMPANY	SL NO	NAME OF THE COMPANY
1	KPIT	24	TOSHNIWAL INSTRUMENTS PVT LTD!
2	MICRO FOCUS	25	FINTELLIX SOLUTION PVT LTD!
3	ERNST & YOUNG	26	HEWELETT PACKARD!
4	MU SIGMA	27	TEXPORT OVERSEAS PVT LTD
5	TALLY SOLUTIONS	28	DANAHER (ESKO)!
6	KIRUSA	29	INFOSYS (POOL)
7	TEMENOS	30	WIPRO (POOL)
8	ARICENT	31	JMR INFOTECH
9	ACCENTURE	32	LOWE'S
10	TATA ELXSI	33	BETSOL
11	CONTINENTAL AUTOMOTIVE	34	TARGET
12	L&T INFOTECH	35	ROBERT BOSCH
13	MINDTREE	36	RDC CONCRETE
14	BLUE OPTIMA	37	GLOBAL LOGIC
15	TORRY HARRIS	38	COGNIZANT
16	TCS	39	EMMVEE SOLAR
17	PATHPARTNER	40	HOTEL SOFT
18	WADPACK	41	VEONEER
19	OMICS INTERNATIONAL	42	UHG
20	TCS THROUGH CODE-VITA	43	IBM
21	24/7	44	ELEATION SERVICES
22	DANSKE IT	45	STRATOAGENT TECHNOLOGY
23	ARYAKA		

DEPARTMENT OF PHYSICAL EDUCATION

Students are regularly participating and won many prizes in various sports activities, organized by Visvesvaraya Technological University, Belagavi, and other institutions. Our Institution has provided good facilities with 30 acres of land for Sports department.

Qualified Coaches Appointed for Football, Volleyball, Cricket. Basketball, Judo, Wrestling, Handball, Softball and Weight lifting Power Lifting teams

Our College has Excellent Sports Facility for Both INDOOR & OUTDOOR GAMES. College has hosted 12 university mega sports meet till date. The College Cricket field is well maintained and utilized by the Karnataka State Cricket Association for their league tournament and also other private clubs.

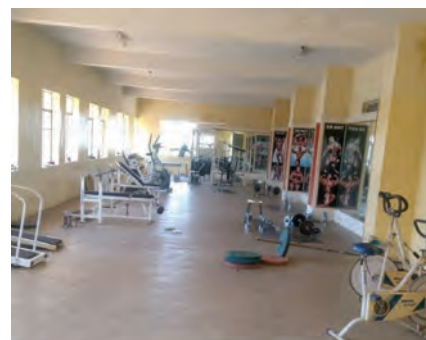
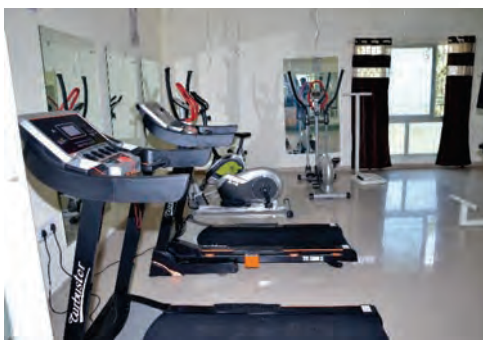
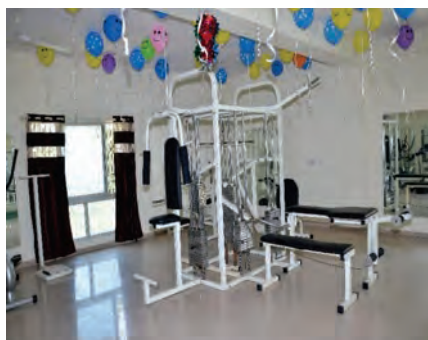
Annual Sports Day of our college was celebrated on 28th April, 2018. Ms. Vaishnavi, an Alumni of SIRMVIT & international athlete was the Chief Guest. This year, Our college sports teams have won 13 prizes in VTU inter-college tournaments and 17 of our students have represented VTU at the national level.



Dr. Y H Rajesh
M. P. Ed, M.A, M.Phil, Ph. D.,
Physical Education Director
(Currently deputed to VTU)



Mr. SREENIVASA PRABHU B K,
M.P.Ed, PGD Yoga
Asst. Physical Education Director



MULTI GYM



INDOOR GAMES

DEPARTMENT OF PHYSICAL EDUCATION

The following students have won the medals in VTU Inter-Collegiate

SL.No.	Name of the Student	Sem/ Branch	M/F	Category/ Class/ Weight	Medal Achieve
TAEKWONDO					
1	Nafisa	7th CS	F	Taekwondo 62Kg	Silver
2	Hansa .K	7th BT	F	Taekwondo 72 Kg	Bronze
3	Nayanika.R	5th EE	F	Taekwondo 50 Kg	Silver
4	Sahana B T	3rd BT	F	Taekwondo 63 Kg	Bronze
5	TrupthiShetty	3rd EC	F	Taekwondo 48 Kg	Silver
6	Pratheesha	3rd BT	F	Taekwondo 52 Kg	Bronze
7	Jasmine Karam	1st CS	F	Taekwondo 65 Kg	Bronze
8	Manjunath.R	5th ME	M	Taekwondo 54 Kg	Bronze
JUDO & WRESTLING					
1	Hansa .K	7th BT	F	Judo 72 Kg	Bronze
2	Nayanika.R	5th EE	F	Judo & Wrestling 50 Kg	Bronze & Silver
3	Sahana B T	3rd BT	F	Wrestling 62 Kg	Gold
4	TrupthiShetty	3rd EC	F	Judo 48 Kg	Gold
5	Pratheesha	3rd BT	F	Judo 52 Kg	Gold
6	Jasmine Karam	1st CS	F	Judo & Wrestling 62 Kg	Gold & Bronze
7	Rajeswari Gupta	1st BT	F	Wrestling & Judo 44 Kg	Silver & Bronze
8	Priyanka	5th ME	F	Wrestling 66 Kg	Silver
9	Ayush	3th ME	M	Judo 90 Kg	Bronze

DEPARTMENT OF PHYSICAL EDUCATION



SUREEN M U
6th EC
SOFTBALL CRICKET &
BASEBALL



SHALINI BANSAL
6th ME
FOOT BALL



AKASH HEGDE
6th ME
SOFT BALL & BASEBALL



PRAMOD KUMAR
6th EEE
BASEBALL

VTU REPRESENTER (ALL INDIA & SOUTH ZONE INTER-UNIVERSITY) 2018-19

VTU BLUES



ARVIND NAIR
4th BT
SHOOTING



SAHANA B T
4th BT
WRESTLING



Praveen Kumar
6th ECE
SOFT BALL



Sujith Shetty
8th CS
SOFT BALL



**SOFTBALL (M) : VTU Bengaluru Zone
Winners & Inter-Zone
Champions 2018-19**



**SOFTBALL (W) : VTU Bengaluru
Zone 4th Position & Qualify for
Inter-Zone 2018-19**

DEPARTMENT OF PHYSICAL EDUCATION



CRICKET TEAM



KHO-KHO TEAM

DEPARTMENT OF PHYSICAL EDUCATION



BASKET BALL MEN TEAM



FOOT BALL TEAM



Literary & Arts

ಕನ್ನಡ ವಿಭಾಗ

ಹೂವಿನ ಜೀವನ

ಓ ಮಲ್ಲಿಗೆ ಕಾಕಡ
ನೀನು ತುಂಬಾ ಪಾಕಡ
ಒಂದೇ ದಿನದ ಜೀವನ
ಆದರೂ ಅದು ಪಾವನ

ವಿಭಿನ್ನ ಅಭಿರುಚಿ

ಗಿಡದಲ್ಲಿ ಅರಳಿರುವ ಗುಲಾಬಿ ಹೂವು
ಪ್ರಕೃತಿ ಪ್ರಿಯನಿಗೆ ಚೆನ್ನ
ಸುಂದರ ಗುಲಾಬಿ ಹೂವು
ತನ್ನ ನಲ್ಲೆಯ ಮುಡಿಯೇರಿದರೆ
ರಸಿಕನಿಗೆ ಆನಂದ
ಅಂದದ ಗುಲಾಬಿ ಹೂವು
ಶಿವನ ಪಾದವನ್ನು ಸೇರಿದರೆ
ಭಕ್ತನಿಗೆ ಪರಮಾನಂದ

ವಿದ್ಯೆ - ವಿನಯ

ಗುಡಿಯಿದ್ದರೇನಂತೆ - ದೇವರಿಲ್ಲದ ಮೇಲೆ
ಕೆರೆಯಿದ್ದರೇನಂತೆ - ನೀರಿಲ್ಲದ ಮೇಲೆ
ಆಕಾಶವಿದ್ದರೇನಂತೆ - ಸೂರ್ಯ-ಚಂದ್ರರಿಲ್ಲದ ಮೇಲೆ
ವಿದ್ಯೆಯಿದ್ದರೇನಂತೆ - ವಿನಯವಿಲ್ಲದ ಮೇಲೆ

ನಮ್ಮ ಸಂಸ್ಕೃತಿ

ಬಂಡೆಯಲ್ಲಿ ಸಿಗುವ ಕಲ್ಲು - ಪ್ರಕೃತಿ
ಉಳಿ - ಸುತ್ತಿಗೆಯ ಪೆಟ್ಟು ತಿಂದರೆ
ಪಡೆಯುವುದೊಂದು - ಆಕೃತಿ
ಅದನ್ನು ಗುಡಿಯಲ್ಲಿ ಇರಿಸಿ
ಪೂಜಿಸುವುದು ನಮ್ಮ - ಸಂಸ್ಕೃತಿ

ಡಾ. ವಿ.ಆರ್. ಮಂಜುನಾಥ್
ಪ್ರಾಂಶುಪಾಲರು, ಸರ್ ಎಂವಿಐಟಿ

‘ಪರಿಪೂರ್ಣ ವ್ಯಕ್ತಿ’ ಆಗಲು ಅತ್ಯಗತ್ಯ ಸುಚಾರಿತ್ರ್ಯ

(ವಿದ್ಯಾರ್ಥಿಗಳಿಗೊಂದು ಕಿವಿಮಾತು)

ಪ್ರತಿಯೊಬ್ಬ ಮನುಷ್ಯನ ಜೀವನದಲ್ಲಿ ಮೌಲ್ಯಗಳ ಅನುಸರಣೆ ಅತ್ಯಂತ ಅಗತ್ಯವುಳ್ಳದ್ದು. ಮುಖ್ಯವಾಗಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಉತ್ತಮ ನೈತಿಕ ಮೌಲ್ಯಗಳನ್ನು ಮೈಗೂಡಿಸಿಕೊಂಡರೆ, ಅದು ಅವರ ಜೀವನದ ಹಾಗೂ ಭವಿಷ್ಯದ ಅಭ್ಯುದಯಕ್ಕೆ ಸಹಕಾರಿಯಾಗುತ್ತದೆ.

ನೈತಿಕ ಮೌಲ್ಯಗಳ ಅನೇಕ ಗುಣಗಳಲ್ಲಿ ಅತ್ಯಂತ ಪ್ರಮುಖವಾದುದು “ಚಾರಿತ್ರ್ಯ”. ಇದರ ಮಹತ್ವವನ್ನು ಈ ಕೆಳಗಿನ ಆಂಗ್ಲ ನಾಣ್ಣಡಿಯಲ್ಲಿ ಅರಿಯಬಹುದಾಗಿದೆ.

When wealth is lost	–	Nothing is lost
When health is lost	–	Something is lost
When character is lost	–	Everything is lost

ಇದರಿಂದ ತಿಳಿಯಬಹುದಾದ ಅಂಶವೆಂದರೆ, ಚಾರಿತ್ರ್ಯವನ್ನು ಉಳಿಸಿಕೊಳ್ಳುವುದು ಸುಲಭ. ಆದರೆ, ಒಮ್ಮೆ ಕಳೆದುಕೊಂಡರೆ ಮತ್ತೆ ಮರಳಿ ಪಡೆಯುವುದು ಕಷ್ಟಸಾಧ್ಯ.

ಉತ್ತಮ ಚಾರಿತ್ರ್ಯವನ್ನು ಹೊಂದಲು ವಿದ್ಯೆ ಒಂದು ಅತ್ಯುತ್ತಮ ಮಾರ್ಗ. ವಿದ್ಯಾರ್ಥಿಗಳು ಬಹಳ ಮುಖ್ಯವಾಗಿ ಅರಿಯಬೇಕಾದ ಅಂಶ ಅಂದರೆ, ವಿದ್ಯೆ ಅನ್ನುವುದು ಕೇವಲ ಜೀವನಾಧಾರಕ್ಕಾಗಿ ಉದ್ಯೋಗ ಗಳಿಸುವ ಸಾಧನ ಮಾತ್ರ ಅಲ್ಲ, ಬದಲಾಗಿ ಅದು ಒಬ್ಬ ಮನುಷ್ಯನನ್ನು “ಪರಿಪೂರ್ಣವ್ಯಕ್ತಿ” ಯನ್ನಾಗಿ ಅಭಿವೃದ್ಧಿಪಡಿಸಲು ಸಹಕಾರಿಯಾಗುತ್ತದೆ. ನಂತರ ವೃತ್ತಿ ಜೀವನದಲ್ಲಿ ಯಶಸ್ಸು ನಿರಂತರವಾಗಿ ಏರುಮುಖವಾಗುತ್ತಾ ಉತ್ತುಂಗಕ್ಕೆ ತಲುಪುತ್ತದೆ. ಅಂತಹ ಪರಿಪೂರ್ಣ ವ್ಯಕ್ತಿ ನೀವಾಗ ಬೇಕಾದರೆ, ನಿಮ್ಮಲ್ಲಿ ಇರಬೇಕಾದ ಗುಣಗಳು – ಒಳ್ಳೆಯ ಶಿಸ್ತು, ಉತ್ತಮ ಮನೋವೃತ್ತಿ ಹಾಗೂ ದೃಢ ನಿಶ್ಚಯದಿಂದ ಮುನ್ನಡೆಯುವ ಸಾಮರ್ಥ್ಯ.

ಚಾರಿತ್ರ್ಯ ಅನ್ನುವುದು ಉಡುಗೊರೆಯಾಗಿ ಸಿಗುವ ಗುಣವಲ್ಲ. ಅದೊಂದು ಸಿದ್ಧಿ. ಕಠಿಣ ಪರಿಶ್ರಮದಿಂದ ಮಾತ್ರ ಅದನ್ನು ಹೊಂದಲು ಸಾಧ್ಯ. ಸುಚಾರಿತ್ರ್ಯ ಅನ್ನುವುದು ಅನೇಕ ಒಳ್ಳೆಯ ಗುಣಗಳನ್ನೊಳಗೊಂಡ ಪರಿಪಕ್ವವಾದ ಮಿಶ್ರಣ. ಒಳ್ಳೆಯ ಚಾರಿತ್ರ್ಯ ಉಳ್ಳ ವ್ಯಕ್ತಿಯಲ್ಲಿ ನಾವು ವಿಶ್ವಾಸಾರ್ಹತೆ, ಧರ್ಮ-ಸಿದ್ಧಾಂತ ಮತ್ತು ಉದಾತ್ತ ನೈತಿಕತೆಯನ್ನು ಕಾಣಬಹುದು. ಅಂತಹ ವ್ಯಕ್ತಿಗಳು ಪ್ರಾಮಾಣಿಕರಾಗಿರುತ್ತಾರೆ ಮತ್ತು ಕಾಯಾ-ವಾಚಾ-ಮನಸಾ ನಂಬಿಕೆ ಮತ್ತು ವಿಶ್ವಾಸಾರ್ಹತೆಗೆ ಬದ್ಧರಾಗಿರುತ್ತಾರೆ.

ಒಳ್ಳೆಯ ಚಾರಿತ್ರ್ಯ ಇರುವ ವ್ಯಕ್ತಿ ತನ್ನನ್ನು ತಾನೇ ಶಿಸ್ತಿನ ಚೌಕಟ್ಟಿಗೆ ಒಳಪಡಿಸಿಕೊಂಡಿರುತ್ತಾನೆ. ಅಂತಹ ವ್ಯಕ್ತಿಗಳು ತಮ್ಮಲ್ಲಿರುವ ಆಂತರಿಕ ಮೌಲ್ಯಗಳ ಸಹಾಯದಿಂದ ಒಳ್ಳೆಯ ಮತ್ತು ಕೆಟ್ಟದರ ನಡುವಿನ ವ್ಯತ್ಯಾಸವನ್ನು ಗುರುತಿಸಬಲ್ಲರು.

ಒಳ್ಳೆಯ ಚಾರಿತ್ರ್ಯ ಅನ್ನುವುದು ಮನುಷ್ಯನ ಆತ್ಮಗೌರವವನ್ನು ಹೆಚ್ಚಿಸುತ್ತದೆ. ತನ್ಮೂಲಕ, ವ್ಯಕ್ತಿಯ ಉತ್ತುಂಗ ಆತ್ಮಸಂತೋಷವನ್ನು ಹೊಂದಲು ಸಹಕಾರಿಯಾಗುತ್ತದೆ. ಪ್ರಭುದತ್ತೆ ಎಂಬುದು ಸುಚಾರಿತ್ರ್ಯ ಹೊಂದಿರುವಂತೆ ವ್ಯಕ್ತಿಯ ಎಲ್ಲಾ ಪ್ರಾಕಾರಗಳಲ್ಲೂ ಬಿಂಬಿತವಾಗಿರುತ್ತದೆ, ಅಂದರೆ ಆತ ತೆಗೆದುಕೊಳ್ಳುವ ನಿರ್ಧಾರಗಳು, ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳುವ ಸ್ನೇಹಿತರು, ಸ್ವೀಕರಿಸುವ ಜವಬ್ದಾರಿಗಳು ಇತ್ಯಾದಿ.

ಪ್ರತಿಯೊಬ್ಬ ವಿದ್ಯಾರ್ಥಿಯೂ ಅರಿಯಲೇಬೇಕಾದ ಅಂಶವೆಂದರೆ, ಒಳ್ಳೆಯ ಚಾರಿತ್ರ್ಯವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವ ದಾರಿಯಲ್ಲಿ ಕೆಲವು ತಪ್ಪುಗಳು ಆಗುವುದು ಸಹಜ. ಇವೆಲ್ಲಾ ಕಲಿಕೆಯೆಂಬ ಪ್ರಕ್ರಿಯೆಯ ಒಂದು ಭಾಗ ಮತ್ತು ಇಂತಹ ತಪ್ಪುಗಳನ್ನು ಮಾಡುವುದು ಸ್ವಾಭಾವಿಕ.

ವಿದ್ಯಾರ್ಥಿಗಳು ಮುಖ್ಯವಾಗಿ ತಿಳಿದುಕೊಳ್ಳಬೇಕಾದ ವಿಷಯ ಒಂದಿದೆ. ಅದು, ಜೀವನದಲ್ಲಿ ನಿಜವಾದ ಪಾಠಶಾಲೆ ಎಂದರೆ ‘ಅನುಭವ’. ಆದರೆ ಅದನ್ನು ಪಡೆಯಲು ತಗಲುವ ಶುಲ್ಕ ಮಾತ್ರ ಅತ್ಯಂತ ದುಬಾರಿ.

ಆದ್ದರಿಂದ, ಅಂತಿಮವಾಗಿ ನಾನು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಮಾಡಿಕೊಳ್ಳುವ ಮನವಿ ಇಷ್ಟೇ. ನೀವೆಲ್ಲಾ ಒಳ್ಳೆಯ ನಡತೆ ಮತ್ತು ಅಗತ್ಯ ಪರಿಶ್ರಮವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುವುದರ ಮೂಲಕ ಸುಚಾರಿತ್ರ್ಯ ಮತ್ತು ಒಳ್ಳೆಯ ಮಾನ್ಯತೆ ಉಳ್ಳ “ಪರಿಪೂರ್ಣ ವ್ಯಕ್ತಿ”ಗಳಾಗುವುದರ ಜೊತೆಗೆ, ನಿಜ ಜೀವನದಲ್ಲಿ ಎದುರಾಗುವ ದೈನಂದಿನ ಎಲ್ಲಾ ಕಠಿಣ ಸವಾಲುಗಳನ್ನು ಎದುರಿಸುವ ಶಕ್ತಿಶಾಲಿ ಪ್ರಜೆಗಳಾಗಬೇಕೆಂದು ಆಶಿಸುತ್ತೇನೆ.

ಡಾ. ವಿ.ಆರ್. ಮಂಜುನಾಥ್

ಪ್ರಾಂಶುಪಾಲರು, ಸರ್ ಎಂವಿಐಟಿ

ಅರಿಯಬೇಕು ಜೀವನದ ಅರ್ಥ

ಒಬ್ಬ ವ್ಯಕ್ತಿಯ ಹುಟ್ಟಿನಿಂದ ಪ್ರಾರಂಭವಾಗಿ, ಆತನ ಸಾವಿನ ತನಕ ನಡೆಯುವ ಬಹು ದೀರ್ಘಕಾಲದ ಘಟನಾವಳಿಗಳ ಸರಮಾಲೆಯೇ ಜೀವನ. ಈ ಜೀವನವೆಂಬ ಸರಪಳಿಯಲ್ಲಿ ಭೂತ, ವರ್ತಮಾನ ಮತ್ತು ಭವಿಷ್ಯಗಳೆಂಬ ಮೂರು ಕೊಂಡಿಗಳು ಆದಿಯಿಂದ ಅಂತ್ಯದವರೆಗೂ ಪುನರಾವರ್ತನೆಯಾಗುತ್ತಾ ಹೋಗುತ್ತವೆ. ನಿನ್ನೆ ನಡೆದ ಘಟನೆ ಇತಿಹಾಸವಾದರೆ ನಾಳೆ ನಡೆಯುವ ಘಟನೆಗಳೆಲ್ಲಾ ನಿಗೂಢ ಹಾಗೂ ಅಗೋಚರ.

ಈ ಭೂತ, ಭವಿಷ್ಯ ಮತ್ತು ವರ್ತಮಾನಗಳ ಸರಳ ವ್ಯಾಖ್ಯಾನವನ್ನು ಆಂಗ್ಲ ಭಾಷೆಯಲ್ಲಿ ಹೀಗೆ ಬಿಂಬಿಸಲಾಗಿದೆ.

Past is History ! and Future is Mystery ! but Present is the gift of God, which everyone has a chance to utilize in the most meaningful and rightful way.

ಅಂದರೆ, ಭೂತಕಾಲದಲ್ಲಿ ನಡೆದು ಹೋದ ಘಟನೆಗಳೆಲ್ಲಾ ಇತಿಹಾಸವಾಗಿ ಬಿಡುತ್ತವೆ. ಅವುಗಳನ್ನು ಸರಿಪಡಿಸುವ ಅಥವಾ ಬದಲಿಸುವ ಶಕ್ತಿ ಯಾರಿಗೂ ಇಲ್ಲ. ಅದೇ ರೀತಿ, ಭವಿಷ್ಯ ಕಾಲದಲ್ಲಿ ನಡೆಯಬಹುದಾದ ಘಟನೆಗಳೆಲ್ಲಾ ಅತ್ಯಂತ ನಿಗೂಢವಾಗಿರುತ್ತವೆ. ಅಂದರೆ, ಅವುಗಳನ್ನು ನಿಖರವಾಗಿ ಹೀಗೇ ಆಗುತ್ತವೆ ಎಂದು ಯಾರಿಂದಲೂ ಹೇಳಲು ಸಾಧ್ಯವಿಲ್ಲ. ಆದರೆ, ವರ್ತಮಾನದಲ್ಲಿ ನಡೆಯುವ ಘಟನೆಗಳು ಮಾತ್ರ ಮಾನವನಿಗೆ ದೇವರು ಕೊಟ್ಟ ಉಡುಗೊರೆ. ಏಕೆಂದರೆ ಇಲ್ಲಿ ಏನನ್ನು ಮಾಡಬೇಕು ಏನನ್ನು ಮಾಡಬಾರದು ಎಂಬ ನಿರ್ಧಾರ ತೆಗೆದುಕೊಳ್ಳುವ ಅವಕಾಶ ದೇವರು ನಮಗೆಲ್ಲಾ ಕೊಟ್ಟಿದ್ದಾನೆ. ಇಲ್ಲೇ ಪ್ರತಿಯೊಬ್ಬ ಮನುಷ್ಯನೂ ಅತ್ಯಂತ ಜಾಗರೂಕತೆಯಿಂದ ಸರಿಯಾದ ನಿರ್ಧಾರಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳಬೇಕಾದ ಅಗತ್ಯ ಇರುವುದು. ಏಕೆಂದರೆ, ವರ್ತಮಾನದಲ್ಲಿ ನಾವು ತೆಗೆದುಕೊಳ್ಳುವ ನಿರ್ಧಾರಗಳೇ ಮುಂದೆ ನಮ್ಮ ಭವಿಷ್ಯದ ಜೀವನವನ್ನು ನಿರ್ಧರಿಸುವ ಅಳತೆಗೋಲಾಗಿಬಿಡುತ್ತದೆ. ಸರಿಯಾದ ನಿರ್ಧಾರಗಳನ್ನು ತೆಗೆದುಕೊಂಡವರ ಜೀವನ ಅತ್ಯಂತ ಸುಖ, ಸಂತೃಪ್ತಿ ಮತ್ತು ಸಂತೋಷದಿಂದ ಕೂಡಿದ್ದರೆ, ತಪ್ಪು ನಿರ್ಧಾರಗಳನ್ನು ತೆಗೆದುಕೊಂಡವರ ಜೀವನ ದುಃಖ, ಪರಿತಾಪ ಮತ್ತು ಸಂಕಷ್ಟಗಳ ಗೂಡಾಗಿರುತ್ತದೆ.

ಪ್ರತಿಯೊಬ್ಬ ಮನುಷ್ಯನ ಜೀವನ ಮೂರು ಮೂಲಭೂತವಾದ ಸತ್ಯಾಂಶವನ್ನು ಒಳಗೊಂಡಿರುತ್ತದೆ. ಅದೇನೆಂದರೆ,

- 1) ನಾವೆಲ್ಲಾ ಈ ಭೂಮಿಯ ಮೇಲೆ ಒಂದು ನಿಯಮಿತ ಕಾಲ ಮಾತ್ರ ಬದುಕಲು ಸಾಧ್ಯ.
- 2) ನಮಗೆಲ್ಲರಿಗೂ ಒಂದು ನಿಶ್ಚಿತವಾದ ದೇಹ ಮತ್ತು ಮನಸ್ಸು ಇರುತ್ತದೆ.
- 3) ನಾವೆಲ್ಲಾ ಒಂದು ನಿರ್ದಿಷ್ಟವಾದ ಸನ್ನಿವೇಶಗಳಲ್ಲಿ ಜೀವಿಸುತ್ತೇವೆ.

ಈ ಮೂರು ಸತ್ಯಾಂಶಗಳ ಆಧಾರದ ಮೇಲೆ ನಾವೆಲ್ಲಾ ಒಂದು ಉತ್ತಮ ಜೀವನಕ್ಕೆ ಅಗತ್ಯವಾದ ತತ್ತ್ವ ಅಥವಾ ಸೂತ್ರವನ್ನು ಕಂಡುಕೊಳ್ಳಬಹುದು, ಸುಖೀ ಜೀವನದ ತತ್ತ್ವಗಳೆಂದರೆ, ನಮ್ಮ ಜೀವನದಲ್ಲಿ ಯಾವಾಗಲೂ ಒಳ್ಳೆಯ ವಿಚಾರಗಳಿಗೆ ಮಾತ್ರ ಮನಸ್ಸನ್ನು ಕೊಡಬೇಕು. ಕಷ್ಟಗಳನ್ನು ಧೈರ್ಯದಿಂದ ಎದುರಿಸುವ ಎದೆಗಾರಿಕೆಯನ್ನು ಹೊಂದಿರಬೇಕು. ಏನಾದರೂ ಒಳ್ಳೆಯ ಸಾಧನೆಯನ್ನು ಮಾಡಬೇಕೆಂಬ ಭಲದ ಜೊತೆಗೆ ಸಾಹಸವನ್ನು ಮೆರೆಯುವ ಮತ್ತು ಆನಂದಿಸುವ ಮನೋವೃತ್ತಿ ಇರಬೇಕು. ಪಾಲಿಗೆ ಬಂದಿದ್ದನ್ನು ಪ್ರಸಾದವೆಂದು ಸ್ವೀಕರಿಸಿ, ಜೀವನದಲ್ಲಿ ಎದುರಾಗುವ ಸಂಕಷ್ಟಗಳ ತಡೆಗೋಡೆಗಳನ್ನು ದಾಟುವ ನಿರಂತರ ಪ್ರಯತ್ನ ಮಾಡುತ್ತಾ ನಿರ್ದಿಷ್ಟ ಗುರಿಯನ್ನು ಸಾಧಿಸುವತ್ತ ಸಾಗುವುದರಲ್ಲೇ ಜೀವನದ ನಿಜವಾದ ಅರ್ಥ ಅಡಗಿದೆ.

ಜೀವನವೆಂಬುದು ಕಷ್ಟ-ಸುಖ, ನೋವು-ನಲಿವು, ಸೋಲು-ಗೆಲುವು, ಭರವಸೆ-ನಿರಾಸೆಗಳೆಂಬ ಮಿಶ್ರ ಅನುಭವಗಳ ಒಂದು ಸುಂದರ ಸರಮಾಲೆ. ಮನುಷ್ಯ ಕಷ್ಟ ಬಂದಾಗ ಕುಗ್ಗದೇ, ಸುಖ ಬಂದಾಗ ಹಿಗ್ಗದೇ, ಸೋಲು ಗೆಲುವುಗಳನ್ನು ಸಮಚಿತ್ತದಿಂದ ಸ್ವೀಕರಿಸುವ ಮನೋಭಾವವನ್ನು ಬೆಳೆಸಿಕೊಂಡಾಗ ಮಾತ್ರ ಉತ್ತಮ ಜೀವನವನ್ನು ನಡೆಸಲು ಸಾಧ್ಯ.

ಒಟ್ಟಾರೆ ಹೇಳಬೇಕೆಂದರೆ, ಉತ್ತಮ ಜೀವನಕ್ಕೆ ಈ ಕೆಳಗಿನ ಸರಳ ಸೂತ್ರಗಳನ್ನು ಎಲ್ಲರೂ ಪಾಲಿಸಬೇಕು

- 1) ದುರಭ್ಯಾಸ ಹಾಗೂ ದುಶ್ಚಟಗಳಿಗೆ ಬಲಿಯಾಗದೇ ಉತ್ತಮ ಆರೋಗ್ಯವನ್ನು ಕಾಪಾಡಿಕೊಳ್ಳಬೇಕು.
- 2) ಪ್ರಪಂಚ ಜ್ಞಾನವನ್ನು ಸಂಪಾದಿಸಿ ಜೀವನದ ನಿಜವಾದ ಅರ್ಥವನ್ನು ಅರಿತು ಪ್ರಬುದ್ಧ ಜೀವಿಯಾಗಿ ಬಾಳಬೇಕು.
- 3) ನಮ್ಮ ಕರ್ತವ್ಯಗಳನ್ನು ಅತ್ಯಂತ ಸಂತೋಷದಿಂದ, ನಿಷ್ಠೆಯಿಂದ ಹಾಗೂ ಪ್ರಮಾಣಿಕತೆಯಿಂದ ನಿರ್ವಹಿಸಬೇಕು.
- 4) ಕಷ್ಟದಲ್ಲಿರುವವರ ಕೈಹಿಡಿಯುವ, ದುಃಖಿತಪ್ರತಿಗೆ ಸಾಂತ್ವನ ಹೇಳುವ ಹಾಗೂ ಅಸಹಾಯಕರಿಗೆ ಆಸರೆ ನೀಡುವ ಉದಾತ್ತ ಗುಣಗಳನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳಬೇಕು.

5) ನಮ್ಮ ಸಾಧನೆಗಳನ್ನು ಸಂತೋಷದಿಂದ ಆಚರಿಸುವುದರ ಜೊತೆಗೆ, ಇತರರು ಗೆದ್ದಾಗ ಅವರನ್ನು ಅಭಿನಂದಿಸುವ ವಿಶಾಲ ಮನೋಭಾವನೆಯನ್ನು ಹೊಂದಿರಬೇಕು.

6) ಜೀವನದಲ್ಲಿ ಎಂದಿಗೂ ದಿಟ್ಟ ಮನಸ್ಸಿನ, ನೇರ ನುಡಿಯ, ಪ್ರಮಾಣಿಕ ವ್ಯಕ್ತಿಯೆಂಬ ಹಿರಿಮೆಗೆ ಪಾತ್ರರಾಗಬೇಕು.

ಹುಟ್ಟಿನಿಂದ ಪ್ರಾರಂಭವಾಗುವ ಈ ಬಾಳ ಬಂಡಿಯಲ್ಲಿ ಮಾನವನು ಶೈಶವ ಕಳೆದು ಬಾಲ್ಯವನ್ನು ದಾಟಿ, ತಾರುಣ್ಯದಿಂದ ಯೌವನಕ್ಕೆ ಕಾಲಿಟ್ಟು, ದಾಂಪತ್ಯದಿಂದ ಸಂಸಾರದ ಜಂಜಾಟದಲ್ಲಿ ತೊಡಗಿ, ಅಲ್ಲಿಂದ ಮುಖ್ಯನ ದಿನಗಳನ್ನು ದೂಡುತ್ತಾ ಅಂತಿಮವಾಗಿ ಇಹ ಲೋಕಕ್ಕೆ ವಿದಾಯ ಹೇಳುತ್ತಾ ಸಾವಿನಲ್ಲಿ ಅಂತ್ಯವನ್ನು ಕಾಣುತ್ತಾನೆ.

ಬಂದ ಬಾಳನ್ನು ಬಿಟ್ಟು ತೊಲಗುವಾಗ ಒಬ್ಬ ವ್ಯಕ್ತಿ ಭಾಗ್ಯಶಾಲಿಯಾಗಿದ್ದರೆ, ಹತ್ತೆಂಟು ಮಂದಿ ಬಂಧುಗಳು - ಗೆಳೆಯರು ಅವನ ಅವಸಾನವನ್ನು ನೆನೆದು “ಪಾಪ! ತೀರಿಕೊಂಡ, ವಯಸ್ಸಾಯಿತು ಇನ್ನೇನಂತೆ” ಎಂದು ಅವನ ಸಾವಿನ ಸ್ಮರಣೆಯಿಂದ ಅನುಕಂಪದ ಒಂದು ತೊಟ್ಟು ಕಣ್ಣೀರನ್ನು ಕೆಡವಲೂಬಹುದು, ಕೆಡವದೆ ಮಾತುಗಳಿಂದಲೂ ಮುಗಿಸಬಹುದು.

ಎಷ್ಟು ದೊಡ್ಡದಾದ ಪಯಣ, ಎಷ್ಟು ಕಾಲ ಬಾಳಿದ್ದು? ಏನೆಲ್ಲಾ ಪುರುಷಾರ್ಥ ಸಾಧಿಸಿದ್ದು? ಏನು ದುಡಿದಿದ್ದು? ಏನು ಬಿಟ್ಟಿದ್ದು? ಇವುಗಳನ್ನೆಲ್ಲಾ ಲೆಕ್ಕ ಹಾಕಿದರೆ, ಮನೆ-ಮಾರು, ಹಣ-ಕಾಸು, ಒಂದಿಷ್ಟಾದರೂ ಉಳಿಯಬಹುದು. ಪರರ ನೆನಪಿನ ಭಿತ್ತಿಯಲ್ಲಿ “ಇಂಥ ಒಂದು ಜೀವ ಇದ್ದಿತು: ಅದು ಹೋಯಿತಲ್ಲಾ, ಅದು ಹೋದುದರಿಂದ ನಮ್ಮ ಬಾಳ್ವೆಯ ಸಂಪತ್ತು ಅಷ್ಟೇ ಬಡವಾಯಿತಲ್ಲಾ” ಎಂದು ಬರೆಯಿಸಿ ಹೋಗಬಲ್ಲಂತಹ ಬಾಳ್ವೆಯ ಅವಶೇಷ ಎಷ್ಟು ಮಂದಿಯದಾಗುತ್ತದೆ?

“ಸಾವಿನ ನಂತರವೂ ಸಮಾಜ ನೆನಸುವಂತೆ ಬಾಳುವುದೇ ನಿಜವಾದ ಜೀವನ”

ಡಾ|| ವಿ. ಆರ್. ಮಂಜುನಾಥ್
ಪ್ರಾಂಶುಪಾಲರು, ಸರ್ ಎಂವಿಐಟಿ



ಇದುವೇ ಜೀವನ

ಜೀವನದ ಅರ್ಥ ಅರಿಯದಾದೆನು
ಸರಿ ತಪ್ಪುಗಳ ತಿಳಿಯದಾದೆನು
ಸಾಗಿ ಹೋಗುತ್ತಿದೆ ಕಾಲಚಕ್ರವು
ಕಾಣಿಸಿಗುವುದೇ ದಾರಿ ದೀಪವು?

ಮಕ್ಕಳಿರಬೇಕು ಮನೆ ತುಂಬಾ
ಆಗಲೇ ಮನೆ ನಂದನವನ
ವಿನಯವಿರಬೇಕು ಮನದ ತುಂಬಾ
ಅದುವೇ ವಿದ್ಯೆಗೆ ಭೂಷಣ
ಕರುಣೆ ಇರಬೇಕು ಹೃದಯ ತುಂಬಾ
ಅದುವೇ ಸಾರ್ಥಕ ಜೀವನ

ಜೀವನವೆಂಬುದು ಅನುಭವಗಳ ಸಾಲು
ತಲೆಬಾಗಿ ಸ್ವೀಕರಿಸು ನಿನ್ನಯ ಪಾಲು
ನೋವೆಂಬ ಮೆಟ್ಟಿಲ ತುಳಿದು ಮೇಲೇರುತ್ತ ಹೋಗು
ಇಲ್ಲಿಲ್ಲ ಅರಸಲು ಸುಲಭ ಮಾರ್ಗವು
ಎದೆಯೇರಿಸಿ ನಿಲ್ಲು ಕಷ್ಟಗಳ ನಡುವೆ
ಆತ್ಮಬಲವಿದ್ದರೆ ನೀ ಜಗವ ಗೆಲ್ಲುವೆ

ಏನೀ ವಿಸ್ಮಯ ಜೀವನದ ರೀತಿ
ಸಂತಸವಾದೊಡೆ ಮನ ಕುಣಿದಾಡುವುದು
ಸುಖ ದುಃಖಗಳು ಒಂದೇ ನಾಣ್ಯದ ಮುಖಗಳು
ಎಂಬುದರ ಮರೆತು ಹಾಡುವುದು ಮೈ ಮರೆಯುವುದು
ಸಿಹಿ ಕಹಿ ಗುಣಗಳು ನೋಟದ ಪರಿಯೋ
ಒಬ್ಬನ ಸಂತಸ ಮತ್ತೊಬ್ಬನ ವ್ಯಥೆಯೋ
ಸಿಹಿಯೂ ಇಲ್ಲ, ಕಹಿಯೂ ಇಲ್ಲ
ಇರುವುದೆಲ್ಲಾ ಮನಸ್ಸಿನ ಭ್ರಮೆಯೋ

ಡಾ|| ವಿ. ಆರ್. ಮಂಜುನಾಥ್
ಪ್ರಾಂಶುಪಾಲರು, ಸರ್ ಎಂವಿಐಟಿ

ಅವಿವಾಹಿತ ತಂದೆ ಮಕ್ಕಳಂತಾಡದಿರಿ

ರಾಷ್ಟ್ರ ರಕ್ಷಣೆಯಲ್ಲಿ
ನಮ್ಮ ನಾಯಕರ ನಿಷ್ಠೆ
ನಾಯಿಯ ನಾಚಿಸುವಂತಿರಲಿ.
ಅದರ ಬಾಲದಂತಾಗದೆ!
ಜಾತಿ ಮತ, ಪ್ರಾಂತ್ಯಮತ,
ಮದ್ಯಮಚಿ, ಮಾಂಸ ಮತ,
ಧನ-ಕನಕ ಮತ, ಭೇದ-ಭಾವ ಮತ,
ಯಾವುದೇ ಪಡಿಯಿರಿ:
ಕ್ಷೇಮ ಒಂದಿಷ್ಟಿದೆ!
ಭಯೋತ್ಪಾದನೆ ಸುಳಿಗೆ ಸಿಕ್ಕು
ದೇಶ ಕಂಗಾಲಾಗಿರುವಾಗ,
ಪಕ್ಷವಿಪಕ್ಷಗಳ ನೆಪದಲಿ
ಅವಿವಾಹಿತ ತಂದೆಯ ಮಕ್ಕಳಂತಾಡಿದರೆ...
ತಪ್ಪಿದ್ದಲ್ಲಿ ಶ್ರೀಸಾಮಾನ್ಯರ ಎಕ್ಕಡದ ಒದೆ!



ನಮ್ಮ 21ನೇ ಶತಮಾನ

ಇಂದಿನ ನಮ್ಮ ಸಂಪರ್ಕ ವ್ಯವಸ್ಥೆ	= Wireless
ಇಂದಿನ ನಮ್ಮ ಕಾಫಿ-ಟೀ	= Sugarless
ಇಂದಿನ ನಮ್ಮ ಶ್ರಮ	= Effortless
ಇಂದಿನ ನಮ್ಮ ಯುವಜನಾಂಗ	= Jobless
ಇಂದಿನ ನಮ್ಮ ಆಹಾರ	= Fatless
ಇಂದಿನ ನಮ್ಮ ನಡಳಿಕೆ	= Worthless
ಇಂದಿನ ನಮ್ಮ ಸಂಬಂಧಗಳು	= Heartless
ಇಂದಿನ ನಮ್ಮ ಮನೋಭಾವ	= Careless
ಇಂದಿನ ನಮ್ಮ ರಾಜಕೀಯ	= Shameless
ಇಂದಿನ ನಮ್ಮ ಶಿಕ್ಷಣ	= Valueless
ಇಂದಿನ ನಮ್ಮ ತರ್ಕಗಳು	= Baseless
ಇಂದಿನ ನಮ್ಮ ಸಂಬಳ	= Veryless

ಇದು ನಮ್ಮ 21ನೇ ಶತಮಾನ



Venkatadri .B.V
B.E. (4th Sem) IEM

ಸಂಬಂಧದಲ್ಲಿ ಇರಬೇಕು ಮಧುರವಾದ ಅನುಬಂಧ

ಪರಸ್ಪರ ಗೌರವಿಸುವ ಮನಚಿಂದ (ಒಳ್ಳೇ ಮನಸು)
ಮೋಸಕಿರಬೇಕು ನಿರ್ಬಂಧ
ಹಂಚಿಕೊಂಡರೆ ಕಷ್ಟ-ಸುಖ ಬಲುಚಿಂದ
ಬೆಳಗಲಿ ಬಾಳು ಸದಾ ಒಲವಿಂದ.....

ಬದುಕಿನ ಈ ಪೇಚಾಟದಲ್ಲಿ
ಬದುಕು ಈ ಭರವಸೆಯಲಿ
ಜಗ ಬೆಳಗುವದು ಕತ್ತಲೆಯ ನಂತರದಲ್ಲಿ
ನಿರಂತರ ಪ್ರಯತ್ನ ನಿಲ್ಲದಿರಲಿ
ಗೆಲುವಿನ ನಗೆ ನೀನದಿರಲಿ.....

PRASHANT S HUMNABAD

Asst. Professor, Dept. of Mechanical Engg.,
Sir M VIT, Bengaluru



ಹುಡುಗಿ.....

ಹುಡುಗಿ ನಿನ್ನ ಹೆಸರು ಬರೆದು ಕೊನೆಯಲ್ಲಿ ಒಂದು ಚುಕ್ಕೆ ಇಡುವೆಯಲ್ಲ.
ಅದೇನು ನಿನ್ನ ಹೆಸರಿಗಿರುವ ಅಂದಕೆ ಇಡೋ ದೃಷ್ಟಿ ಬೊಟ್ಟೆ?

ಹುಡುಗಿ.....

ಹೂವಂತಿರುವ ನಿನ್ನ ಆಸೆಗಳ ಪಟವ ಹಾರಿಸದಿರು ಅವಸರದಿ,
ನನ್ನ ಬಯಕೆಗಳು ಇನ್ನು ಮೊಗ್ಗಿನಂತಿವೆ
ಅವೆಲ್ಲ ಅರಳುವತನಕ ಕಾಯುವೆಯಾ ನನಗಾಗಿ?

ಹುಡುಗಿ.....

ಹದಿ ಹರೆಯದ ಬಯಕೆಗಳು ನೂರಾರು ಅವಂದಿಗೂ ಈಡೇರಲಿಲ್ಲ.....
ಮನದೊಳಗೆ ಚಿಗುರೊಡೆದ ಆ ಬಯಕೆಗಳೆಲ್ಲ ಬಾಡುತ್ತಿದೆ ನೀರಿಲ್ಲದೆ....
ಆ ಬಯಕೆಗಳೆಲ್ಲ ನಿನ್ನತ್ತ ತುಸು ಆಸೆಯಿಂದ ನೋಡುತ್ತಿವೆ....
ನೀರುಣಿಸುವೆಯಾ ಒಮ್ಮೆ ಬಂದು?

ಹುಡುಗಿ....

ನನ್ನಾಸೆಗಳ ಎಂದೋ ನೀ ಅರಿತಿರುವೆ
ಮನಸ್ಸಲ್ಲಿ ನಾ ಸಾವಿರ ಆಸೆಗಳ ಬುತ್ತಿಯಂತೆ ಹೊತ್ತಿರುವೆನಂದು....
ನಿನ್ನ ಸಹಾಯಕ್ಕಾಗಿ ಕಾಯಿತಿರುವೆ
ಇಳಿಸುವೆಯಾ ನಾ ಹೊತ್ತ ಆಸೆಗಳ ಬಾರ ಕೊಂಚ ಬಂದು?

ಹುಡುಗಿ....

ಹುಚ್ಚು ಮನಸು ನನ್ನದು ಹಚ್ಚಿಕೊಂಡಿದೆ ನಿನ್ನ ಅಂತರಂಗವ ಅರಿಯದೆ...
ನೀ ನನ್ನವಳೇ ಅನ್ನುವ ಆತ್ಮವಿಶ್ವಾಸದಲಿ
ನಿರಾಕರಿಸಿ ಗಾಯ ಮಾಡದಿರು ನನ್ನ ಹೃದಯಕೆ ಅದರ ಪ್ರೀತಿ ತಿಳಿಯದೆ...
ಅದೆಷ್ಟೋ ದಿನದಿಂದ ಕಾಯಿರಿಸಿದ ಒಲವಿನ ಓಲೆ ಕಳಿಸುತ್ತಿರುವೆ....
ಓದಿ ಮುಗುಳ್ಳುಗುವೆ ಅಲ್ಲವೇ?

ರಮೇಶ ಕೋನರಡ್ಡಿ
ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ,
ಯಾಂತ್ರಿಕ ವಿಭಾಗ

BLUE TOOTH....An Amazing technology

Dr.V.R. Manjunath
PRINCIPAL, SIR MVIT

"Automatic communication between various devices within a small area in a house or an office makes it possible to provide unique and innovative services to a professional worker or a small group of workers using portable devices. Bluetooth technology has this potential and is coming along fast and quick. It will replace clumsy wires, make information transfer automatic without synchronization cradles and introduce many new applications. Technology visionaries hope that it will do what infra red could not do over the past six years."



Bluetooth is actually a standard for wireless communications between devices in a personal area network (PAN) using radio frequency for a short range (around 10 meters). So any two devices that follow the standard can communicate and exchange data between each other without the need of any connection to be made between them. A group of Bluetooth devices like a mobile phone, a digital camera, a hand held device etc. can instantly form a network with each other as soon as they are switched on. You could have a mobile phone in your pocket and you could be sending e-mails using your laptop without making any connection between your laptop and the mobile. Your refrigerator could be placing an order with the supermarket if your milk supply has been exhausted using your mobile phone.

Briefly, Bluetooth technology

- ♦ uses radio waves in 2.4 GHz band - therefore, no line of sight is required
- ♦ supports multipoint, not just point to point
- ♦ works in a small confined area - 10 to 15 meters apart is able to support speeds of 1-2 Mbps today but will offer higher speeds in future
- ♦ chip sets are relatively inexpensive (though more expensive than IrDA)- \$10 to \$20 today in large quantities - will go down in future has significant industry support with over 1800 members in the industry consortium

FUTURE DEVELOPMENTS WITH BLUE TOOTH TECHNOLOGY:

Scientists have made great developments in the revolution of miniature computers using Bluetooth Technology.

Amazing technology from Japan . . . but can you guess what it is ?

You are just seeing something that will replace your PC in the near future.



Look closely and guess what they could be...Are they pens with cameras?



Any wild guesses? No clue yet?

Ladies and Gentlemen... Congratulations! You have just looked into the future.... Yep that's right! You have just seen something that will replace your PC in the near future. This is the forthcoming computers you can carry within your pockets.



Here is how it works :

This 'pen sort of instrument' produces both the monitor as well as the keyboard on any flat surfaces from where you can carry out functions you would normally do on your desktop computer.

Can anyone say,
'Good-bye
laptops!'



BIOAUTOMATION: THE NEW INDUSTRIAL REVOLUTION

Kum. Yashaswini Manjunath
VIII Semester, Biotechnology

In the words of Dr. George M Church, an oracle of genetics and molecular engineering at Harvard Medical School, "The rewards for Biotechnology are tremendous - to solve diseases, eliminate poverty and age gracefully." While the outcome of such research domains creates high impact on our lives, it remains true that biological systems are far too complex and beyond complete comprehension. The time-consuming nature of biological research is one of its debilitating shortcomings. Lately, there has been an explosion of machine learning and artificial intelligence tools involved in biological data management. Therefore, the future of biological

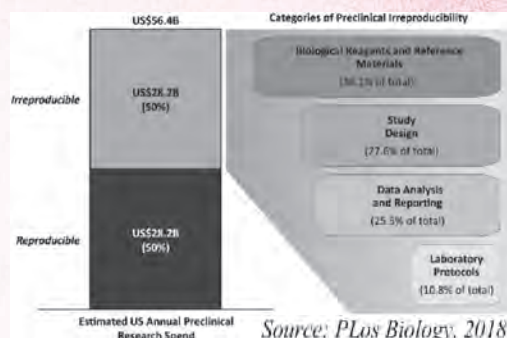
research lies in the automation of the process pipelines, which not only executes experiments and performs in-depth data analysis, but also chooses the time-series of experiments to be performed. This would guide the research process towards higher productivity, accuracy and precision, to effectively reduce the time and resources expended towards bringing life-saving products into the market.

Of all the sciences, Biology is facing serious challenges in terms of reproducibility. The success of any research lies in its ability to be reproduced and executed repeatedly with the same positive outcome. Recent statistics state that a whopping 28 billion USD is spent in the US alone on irreproducible preclinical data (PLoS Biology study, 2018). If proficient predictive models could have projected that those pipelines would be irreproducible, then it would've raised the productivity by over 50% and allowed better research outcomes. Therefore, the need for Bioautomation seems imperative.

Key players in this infant domain of automated biology are:

Most of these companies have a net worth of over \$1 billion USD and are growing rapidly. In the context of Indian science, the story has just begun. Synthetic biology is increasingly being funded in India for developing hybrid seeds, industrial enzymes and bioenergy products. More useful collaborations between scientists, industry partners and funding resources are needed to fructify bright ideas and bring them to the market. BIRAC, one of Government supported funding agency, has created 35 incubators across India. Fostering start-ups working on CRISPR, enzyme engineering, cell engineering, microbial engineering, metabolic engineering, biodevices, biofuels, etc., is indeed boosting the entire ecosystem

The next Industrial Revolution is at the intersection of Biology, Automation and Machine Learning, and the era of Cyber-Physical Production Systems in Biosciences is fast emerging. The space for exploration is infinite and the complexity of biological systems needs perfect implementation of technology, engineering and automation in its research, to enrich the lab to land and field to market outcomes.



COMPANY	RESEARCH FOCUS
Ginkgo Bioworks (USA)	Automation of Genetic Engineering of Microbes
LabGenius (UK)	AI driven Protein Evolution
Bento Bio (UK)	Mobile Genetics Setup
Opentrons (USA)	Robotics in Biology
Protocols.io (USA)	Reproducibility of biological experiments via ML
Synthace (UK)	Operating System for Biology
Explora Biotech (Italy)	Enabling Technologies for biological engineering
Prospect Bio (USA)	Orthogonal Biosensors for Strain Development
Biomillenia (France)	Lab-on a chip parallel screening of millions of microbes

PRODUCTION OF NON-SAG TUNGSTEN

Dr. V. Shantha, Professor,
Dept. of Mechanical Engg., Sir MVIT

Among all metals, tungsten has the highest melting point and lowest vapour pressure. In addition, it has excellent high temperature strength and hardness of the four common refractory metals (tungsten, tantalum, molybdenum, and niobium). These unique combinations of properties are tailor-made for certain applications. One such application is for the manufacture of lamp filaments.

In incandescent lamps, tungsten wires are commonly used as filaments. Pure tungsten wire fails at higher temperatures due to grain boundary sliding. In order to increase the lifetime of filaments even under severe conditions (e.g., in automotive applications), so called non-sag (NS) tungsten wires are used. The term non-sag refers to the resistance of the wire against deformation at incandescent temperatures.

In incandescent lamps, tungsten filaments must operate at high temperature for long period, without significant distortion of the initial coil geometry. The required resistance to sag is achieved by a special kind of the dispersion-strengthening method. Presence of small bubbles in the matrix is more effective in blocking the motion of dislocations than a similar distribution of hard particles.

Hence, to meet the required properties (non-sag) of incandescent lamp filaments, Dopants (Aluminium, Potassium and Silicon) are added to the tungsten blue oxide. The powders used for non-sag tungsten manufacturing are produced by hydrogen reduction.

Non-sag tungsten also called doped tungsten, is a remarkable kind of dispersion-strengthened material. It owes its outstanding creep resistance to rows of potassium-filled bubbles which are aligned in rows parallel to the wire axis. These bubbles act as barriers for grain boundary migration in the radial direction and effect the recrystallization process in such a way as to lead to an interlocking long-grained microstructure, which gives the wire its non-sag properties.

More than 90% of non-sag tungsten is used for incandescent lamps. Small amounts are used as defroster heating wires in automobile windshields and as heating wire coils for aluminium evaporation in metallizing applications.

The starting material for the production of non-sag tungsten is Ammonium Para Tungstate (APT). First APT is reduced to tungsten blue oxide (TBO) during first reduction. Dopants are added to the TBO to get doped tungsten blue oxide and it is further reduced to doped tungsten powder during second reduction. This powder is pressed, presintered and sintered. Then it is rolled, swaged and drawn into wires of required size as shown in Figure 1 in next page.

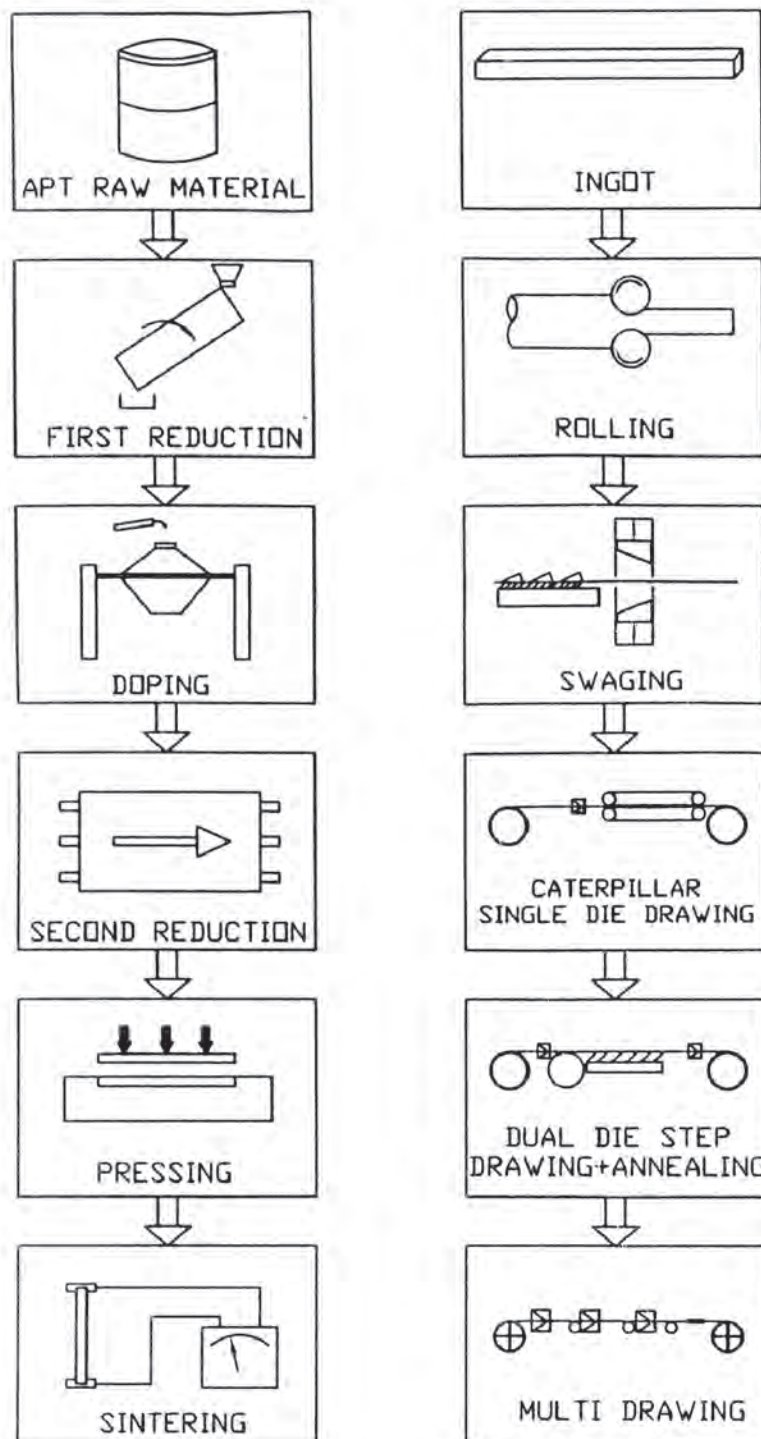


Figure 1. Schematic process of tungsten wire production:
 (A) Chemical reduction, doping, pressing and sintering of tungsten powder.
 (B) Rolling, swaging and wire drawing of the sintered tungsten ingot

Recycle - Waste

DISHA.A, VI SEM
Biotechnology Dept.

When we think about the new generation of technology, are we considering whether these innovations are becoming more sustainable and eco-friendlier?



If you are anything like me, you are the sad owner of a cell phone graveyard. A drawer filled with the technology I no longer use; ancient iPods, my first flip phone, and years of cracked iPhones. I'm not proud of this drawer, but honestly, I just don't know what to do with it! Fixing them feels impossible, throwing them away seems wrong, so what are we to do?

Sure, recycling cell phones is an option (don't worry, we'll help you with that later in the article), but is that really a long-term solution?

Small electronics like cell phones are an enormous contributor to the waste stream and greenhouse gas emissions, yet we rarely hear about how these kinds of technologies are becoming more sustainable. We have greener cleaning products, more efficient cars, even recycled toilet paper, but so little of our time is spent thinking about the impact the technologies we use every day have on the planet.

Luckily, there are people who are aware of this problem and are finding innovative ways to change the way we use, think about, and recycle our technology. We've talked about creative ways that people are re-purposing technology on Ever Widening Circles (EWC) before, and one of my favorite examples is the organization Rainforest Connection that uses old cell phones to help protect the rainforest. I have to admit, though, until I watched today's video, I didn't quite grasp the enormous impact our e-waste has on the environment.

As is so often the case, it's easy to overlook the simple ways we can help to contribute to a brighter collective future. As consumers, though, we have the power to change the way companies operate. By remaining informed about the broader impact our buying choices have, we can help to support businesses that have a positive environmental and social impact.

Being informed also helps us reduce our waste overall! Simple things like repairing or buying our clothes second hand, recycling our plastics, or supporting green energy become second nature. Most of all, we are fortunate enough live in an era where being a responsible steward of the planet can start with a simple Google search.

Stay beautiful & keep laughing!

“Technology, for me, it's giving something back to somebody who was taken out of humanity.”

– Andy Fabino

What if we told you there are new innovations that can help about 285 million people around the world living with a visual impairment move around with a little more ease? Okay, it's easy enough to believe, but what if we told you the innovation works by using the surface of their tongues?

Now here's something that should be celebrated: there's an increasing number of sensory-substitution devices being developed that use the brain in the most remarkable way. These devices take in visual information from the environment and translate it into forms of physical touch or sound in order to be interpreted by the user as vision.

If that's not amazing enough, *The New Yorker* lets us in on yet another benefit:

“While these devices were designed with the goal of restoring lost sensation, in the past decade they have begun to revise our understanding of brain organization and development. The idea that underlies sensory substitution is a radical one: that the brain is capable of processing perceptual information in much the same way, no matter which organ delivers it.”
The brain is capable of so much more than we've ever imagined!

Snake Robots

Slithering machines could aid search and rescue efforts

Snake robots aren't just interesting creepy crawlies, they offer us a chance to explore our world and enhance our experience.

Why else should we care?

Simply put, inventions like the snake robot remind us to look to nature in our search for solutions to our many problems. Just think about it for a moment: humans have been perking along, solving problems with clever inventions since the dawn of simple machines, like the wheel. That's about 5,500 years. But Mother Nature has been barreling along, solving every challenge an organism can face on this earth for 3.5 billion years!

That's a lot of “research and development” and “institutional knowledge” that we can tap into!

And that's essentially what the new field of science I mentioned – called “Biomimicry”, or in professional circles, “Biomimetics” – is doing to make the world a better place.

How Virtual Reality is Changing Healthcare

-RAHUL

What if your surgeon told you that they've stood inside of a human heart?

Your first instinct would probably be to tell them that they're crazy. That they're far too tall to be able to be inside of a human heart, that's just insane. But then you'll remember that technology is a thing. And that people are applying it in some really fascinating ways these days.



(Source: Triotree)

Next thing you know they're bringing in a headset. They put it over your eyes and suddenly you're staring at a human heart. The surgeon then shows you the issue, what they'll be doing to fix it, and why. You'll be able to walk through, first hand, what is and what will be happening to you or a loved one thanks to the Stanford Virtual Heart.

How would that make you feel?

It's not only one of our most crucial organs, but also one of the most complicated. Aside from keeping that beat for years, even the process the heart goes through to form in utero leaves a lot of space for abnormality, and it happens a lot — every year about 40,000 people are born with congenital heart defects (CHDs) in the United States alone. But it's a pretty difficult organ to study in action, considering the person needs to be on the table with their chest splayed open... which isn't really a readily available learning tool for students, since open chest surgery isn't on the top of most individuals' favorite activities.

And how do you go about explaining what's happening to the family members? How do the parents of the children born with heart defects even begin to try to understand an organ that doctors have spent years studying? Well, what about an interactive visual? It seems like the perfect home for our friend, virtual reality (VR).

Pediatric cardiologists are utilizing VR at Lucile Packard Children's Hospital Stanford to make it easier to communicate and understand what's happening with these complicated CHDs. Spend a moment with this video from Seeker to see how the program works, how it's being applied, and the true benefits of bringing this technology into healthcare!

We've written about some of the benefits of virtual reality before, but this may just be the one application that can truly affect each and every one of us. When it comes to understanding our own bodies, there is never enough information. And if we are able to bring this information in a digestible way outside of the classroom, quality of life can only increase as extraneous confusion decreases.

Virtual reality belongs in medicine.

The Omni Processor Water Purifier

-RAHUL

On January 22, 2015, Microsoft founder, Bill Gates, of the Bill and Melinda Gates Foundation, came on the set of The Tonight Show with all-around funnyman Jimmy Fallon, with a simple proposition for Fallon: let's each drink a glass of water. Simple right?



Bill Gates sipping water that was sewage seconds prior!
(Source: Gates Notes)

Oh! Here's the catch: one of the glasses contained bottled water, while the other was very recently fresh sewage, filtered using Gates' latest philanthropic effort, the Omni Processor.

In retrospect, it seems incredibly obvious that the solution to the question, "how do we get potable water to all of Africa?" ended up being this process which involves no advanced technology, just high school level chemistry. On some level it's very simple, hearkening back to basic principles that have been understood for centuries.

How much of a solution are we talking about?

Well, according to the 'Omni Processors website this machine can process a moving van's worth of sewage each day and turn it into 10,800 liters of water a day. If you use the calculations from the Institute of Medicine, that's enough drinking water to keep 3700 people healthy, per day! Human beings need about 2.6 liters (11 cups) of water per day to stay healthy. The energy from the generators seems to be a bonus! (It could produce enough energy for 50 small households per year.)

A New Generation of Water Purification Technology

When you heat something up to dry it, pure water is separated in the form of steam and can be used to drive a generator creating electricity. Remember the invention of the steam engine in the 1800s!

To get the heat to dry the feces, they are burning that same dry waste as fuel. This is actually nothing new either; poop burns, and burns well, and for thousands of years in arid regions of the planet where there are no trees for firewood, people have been collecting, drying and burning animal dung to cook their food. When the steam circulates through the generators, you can capture it and turn it back into liquid water. No pathogens can survive the temperatures that the steam goes through so the water comes out perfectly safe to drink! Other than the initial energy needed to dry that very first batch, it's a completely closed loop!

SUNSHINE IN MY LIFE...

There I lay, in a dark cave,
Expecting everything to be harsh and cold,
But the fluidly place was instead cozy,
Nice and warm and comfortable by tenfold.
I waited and waited and waited and waited,
To come out and explore anew,
But it seems time wasn't right yet,
And my entry would definitely have a cue.
How long should I wait, how patient should I be?
Will it ever be time for me to leave?
And then one day I felt a jerk,
Guess what.... I was going...away from my pet peeve.
Finally, time had come; I was on my way,
Excitement on peak, I felt like I was on the edge of a knife,
I opened my eyes to harsh white lights,
Then I saw her.. My mom... the sunshine of my life

Janvi Roni 2nd SEM BT

BEHOLD THE KING

Behold the king, don't let him die
Cause I can't see the queen cry
She would give up, won't aim so high
Behold the king, don't let him die
After all, his wife is the love of mine
Her eyes inviting like a glass of wine
But instead of adieus, she prays the king is fine
So behold him my friend, let his armor shine
The sword through his heart, holding him so still
A sight she can't bear, she never will
My aim never was, neither now is to kill
To have the queen to myself, was my only thrill
Protect your king, let his flag hoist high
I love my queen enough than to make her cry
We can't undo things, so I'd better not try
Before doomed be her fate, behold the king,
let me die.

BY ABHISHEK KUMAR

UNKNOWN LOVE



You are the first,
& You are the last.
You are my dream,
Whose love is extreme.
You are my divine,
My indelible lifeline.
You are my memory,
Like angel story.
A beautiful fantasy,
Just like lovely melody.
You are necessary,
One & only hope of Glory.

Akash Kumar, USN: 1MV18EE008,

Sec:1

WE RISE AGAIN

Beneath the shine of the twinkling stars,
In this era where people fight a thousand wars.
The skorers gang opened its eyes,
The gang which had no room for cries and lies.
From a gang, a family it became,
As time flies the name will earn fame.
A gang of 12, we rose,
Electrical was the branch we chose.
The name became a reason for us to smile,
Whatever happens, we will walk together for the millionth mile.
The bird of friendship within us wants to fly,
Even if its wings are cut, it won't feel shy.
No matter what the situation is,
We will all reach our goal without a miss.
All of us have one single determination,
Become a successful engineer, that's our destination.
Yet as 'skorers' we rise again,
We continue to be together as a chain.

Arjun Kashyap G S

1MV18EE022

EEE I Section

हिन्दी विभाग

“थही जिंदगी है”

एक दिन फूल से किसी ने पूछा,
तूने दी खुशबू, तुझे क्या मिला!
फूल ने कहा, देने के बदले लेना बेपार है,
जो देकर कुछ ना माँगे वही प्यार है।

जिंदगी को खुशी में बिताना सीखलो,
अपने अरमानों को तुम छुपाना सीखलो,
जिंदगी में कभी गम छूना पाए,
बस तुम हर बात पे मुस्कुराना सीखलो।

कैसे कहूँ जिंदगी क्या देती है,
हर कदम पे ए दगा देती है।
जिनकी जान से भू ज्यादा कीमत हो, दिल में
उनसे दूर रहने की सज़ा ए देती है।

हमारी तो दुआ है, कोई गिला नहीं,
वो गुलाब जो अब तक खिला नहीं।
जिंदगी में तुम्को वो सब कुच मिले,
जो अबतक दुनिया में किसी को मिला नहीं।

फूल की तरह हँसना जिंदगी है,
हँसकर दुःख भुलाना जिंदगी है।
जीतकर कोई खुश हो तो क्या हुआ,
सब कुछ हारकर भी खुश रहना जिंदगी है।

पापा

जातो जातो आप जाने का गम दे गए,
सब बहारें ले गए, रोने का मौसम दे गए।
धूँडती है निगाहें पर, आप अब कहीं नहीं दिखते
आप ए अपने होने का, कैसा मुझको भ्रम दे गए।

मुझे आपका चेहरा याद आता है, पापा,
आप तो ना रहे पर, अपनी यादों का सितम दे गए।
एक अजीब सा संत्राटा है हमारे धर में,
धर की दरो-दिवार को उदासी का पैगाम दे गए।

“यादों का मौसम नहीं होता”

कुछ बिखरे सपनों से आँखों में नमी है,
एक छोटा सा आसमान, और उम्मीदों की जमी है।
यँ तो बहुत है जिंदगी माँ,
सिर्फ जो दूर है, उनकी कमी है।

एहसास बहुत होगी जब बिछड़ जाएँगे,
रोकेंगे बहुत मगर, आँस आ जाएँगे।
जब साथ न दे कोई आवाज़ हमें देना,
आसमान पर भी होंगे, तो लौट आएँगे।

दोस्ती गज़ल है, गुणगुनाने के लिए,
दोस्ती नगम है, सुनाने के लिए।
ए वो जज्बा है, जो सबको मिलता नहीं,
क्योंकी हौसला चाहिए इसे निभाने के लिए।

तूफान में किनारे मिल जाते है।
जिंदगी में सहारे मिला जाते है।
कोई चीज़ जिंदगी से प्यारी नहीं होती।
पर कुछ दोस्त जिंदगी से प्यार मिल जाते है।

हर आँसू का मतलब गम नहीं होता,
दूर रहने से प्यार कम नहीं होता।
हर वक्त चली आती है आपकी याद,
क्योंकि यादों का कोई मौसम नहीं होता।

बदल गई है आज तासीर हमारी जिंदगी की,
आप क्या गए आँखों में, मज़रे-मातम दे गए।
जिंदगी तो कट रही है आपके बाद भी मगर,
आपके बिना वो जिंदगी में बात नहीं।

खयाल रखते सब मेरा, अपने-अपने तरीके से,
पर आपकी तरह कोई सात नहीं देता।
जिंदगी तो अधूरी रहेगी हमेशा आपके बिना,
आपकी कमी कोई पूरी नहीं कर सकता।

SHAHNAAZ BEGUM

Asst. Professor in English
Dept. of Humanities

हज़ारो सवाल कर रहा है मन

हज़ारो सवाल कर रहा है मन
हर पल बैचैन रहता है ये मन
जनता है हर सवाल का मिलेगा हल, आज नहीं तोह कल
फिर भी मन मैं है एक अजीब सी घबरात
इस घबरात ने किया इतना बैचैन.
नहीं मिलता कही एक पर का चैन.
पूछना है मन से क्या ऐसे होता है सिर्फ मेरे साथ
फि कहता है मन, मन से छोड़ो न कभी भी ऐ आस
जब तक जुटे न यह सास
कहता है रखना अतल विश्वास मुझमे
ऐ विश्वास ही है, ले जायेगा अपनी मंज़िल पे
जब मिलने का वक़्त आएगा सही,
साड़ी कायनात जुट जाएगी दिलाने में खुशी,
करना वक़्त उस वक़्त का,
क्यूंकि न वक़्त से पहले
न नसीब से जायदा
न किसीको कुछ मिला है
न कुछ मिलेगा।

PRASHANT S HUMNABAD

Asst. Professor Dept. of Mechanical Engg.
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वक़्त कब मुड़ जाये क्या पता

वक़्त कब मुड़ जाये क्या पता,
मंज़िलो से रूठकर कहाँ जाये क्या पता
रास्ते भी अलग हो तो क्या,
कब हमसे जुड़ जाये क्या पता
खुली हमसे जुड़ जाये क्या पता
खुली आँखों में अन्धेरे और बन्द आँखों में सपने
टूट कर कब बिखर जाये, किसे क्या पता
मेहनत भी कामयाब ना हो,
नसीब भी मेरे साथ ना हो
फिर भी इन्तज़ार करूंगा,
अपने आप से जीत जाऊँ क्या पता।
हथेली पे दिये जला निकला हूँ मै, मोम की
तरह खुद को पिघला निकला हूँ मै
जलते दिये कब मशालें बन जाये क्या पता
वक़्त कब मुड़ जाये क्या पता, मंज़िलो से
रूठकर कहाँ जाये क्या पता।

Shashank Sharma

2nd Sem. Mechanical

BRINDAVANA
2019



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FINE ARTS & PHOTOGRAPHY



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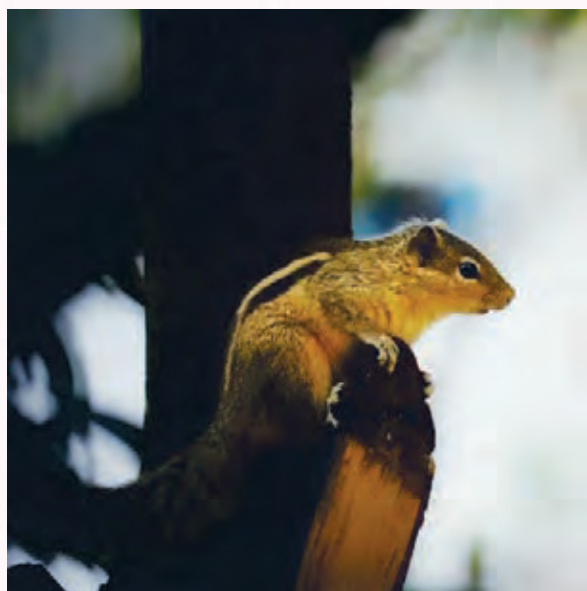


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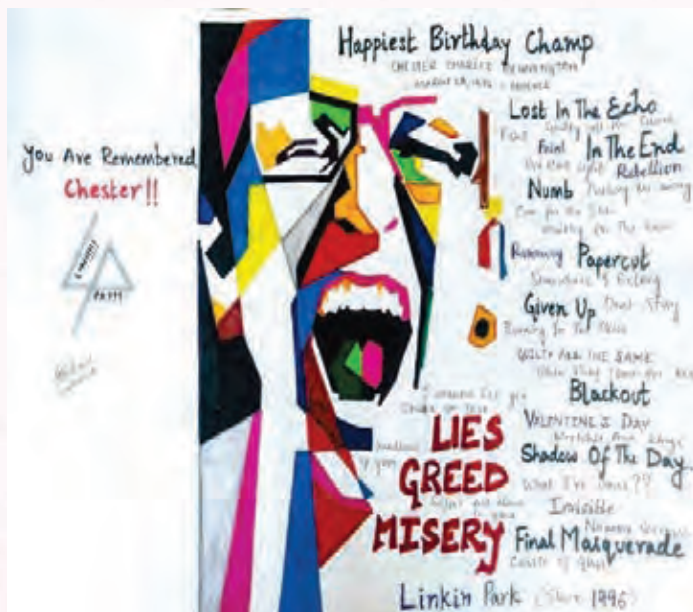


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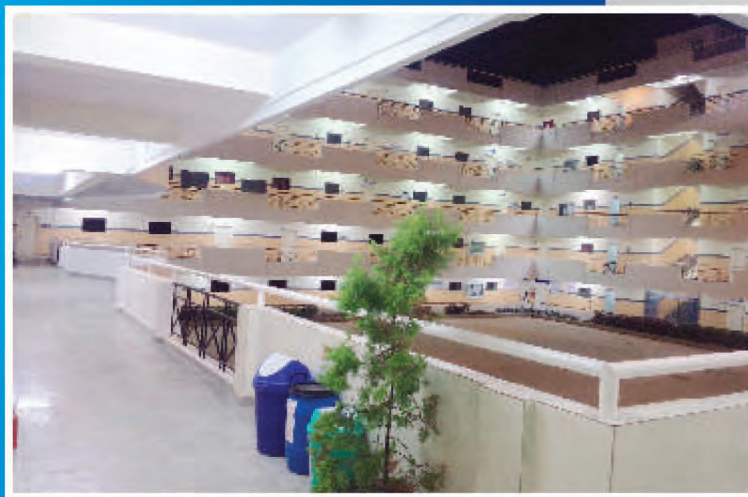
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