



*Prindavana - 2020*

**SIR M VISVESVARAYA**  
INSTITUTE OF TECHNOLOGY, BENGALURU



**ಬೃಂದಾವನ-೨೦೨೦**  
**ಪ್ರಿಂದಾವನ-೨೦೨೦**





### **Vision**

- To be a centre 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, imbibing professional ethics and societal commitment.
- To create an ambiance and nurture conducive environment for dedicated and quality staff to upgrade 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.



*Our Respectful Homage*



Late Sri K. CHANGAMA RAJU



Late Sri N. VASUDEVA RAJU



*Dedicated to Our Beloved  
Founder Trustees*



## FOUNDER TRUSTEES



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### Office Bearers

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**Sri K V Sekhar Raju**

**Vice President**

**Sri K Syama Raju**

**Secretary**

**Sri M Venkataramana Raju**

**Treasurer**



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02	<b>Sri K.V. SEKHAR RAJU</b> (Businessman)	Member
03	<b>Sri K. SYAMA RAJU</b> (Industrialist)	Member
04	<b>Sri M. VENKATARAMANA RAJU</b> (Businessman)	Member
05	<b>Sri M. VARADA RAJU</b> (Businessman)	Member
06	<b>Sri V. ANANTHA RAJU</b> (Businessman)	Member
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08	<b>Sri K. MUNISWAMY RAJU</b> (Educationist)	Member
09	<b>Sri G. PRABHAKAR RAJU</b> (Businessman)	Member
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11	<b>Dr. R. NATARAJAN</b> (Academician)	Member
12	<b>Dr. RAJANIKANTH K.</b> (Academician)	Member
13	<b>Director of Technical Education, KARNATAKA</b>	Member-Ex Officio
14	<b>THE DIRECTOR, AICTE, SWRO, Bengaluru</b>	Member-Ex Officio
15	<b>Dr. S.H. MANJULA</b> (Professor, UVCE, Bengaluru)	VTU Nominee
16	<b>Dr. H.G. NAGENDRA</b> (HOD, Biotechnology)	Faculty Representative
17	<b>Dr. E. KAVITHA</b> , (HOD, Electronics & Telecommunication)	Faculty Representative
18	<b>Dr. V.R. MANJUNATH</b>	Member Secretary & Principal





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**SRI KRISHNADEVARAYA EDUCATIONAL TRUST**  
**IMPARTING KNOWLEDGE**  
**CREATING GLOBAL CITIZENS**



**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**



**GREEN CAMPUS**

**INSPIRING THE FUTURE.  
CREATING GLOBAL CITIZENS.**



# *Messages*





**VAJUBHAI VALA**  
Governor of Karnataka

No. GS 32 MSG 2020

12<sup>th</sup> March, 2020

## **MESSAGE**

I am happy to know that, '**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**', Bangalore is bringing out College Magazine '**BRINDAVANA-2020**' scheduled to be released in the 2020, a documentation of academic and other achievements exhibiting artistic talent of students and staff.

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

**(VAJUBHAI VALA)**





**B.S. YEDIYURAPPA**  
CHIEF MINISTER



VIDHANA SOUDHA  
BENGALURU - 560 001

No: CM/MS/255/2020

Date : 05.03.2020

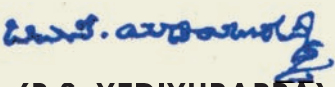
## MESSAGE

I am happy to learn that, Sir M. Visvesvaraya Institute of Technology, Bangalore is releasing the college magazine '**BRINDAVNA 2020**'.

Sir M. Visvesvaraya Institute of Technology is a reputed institute and a centre of excellence in technical and management education. It is commendable that the college is encouraging students to become better human beings, responsible citizens and skilled professionals to serve the nation.

I hope that the college magazine '**BRINDAVNA 2020**' showcases the talent of the students and staff. I am sure the institution will continue to achieve high standards in technical education.

I wish the students and staff all the success.

  
(B.S. YEDIYURAPPA)



रमेश पोखरियाल 'निशंक'  
*Ramesh Pokhriyal 'Nishank'*



सत्यमेव जयते

मंत्री  
मानव संसाधन विकास  
भारत सरकार  
MINISTER  
HUMAN RESOURCE DEVELOPMENT  
GOVERNMENT OF INDIA



**RAMESH POKHRIYAL 'NISHANK'**

## MESSAGE

It is heartening to know that, Sir M. Visvesvaraya Institute of Technology, Bangalore is publishing its annual magazine, '**BRINDAVANA 2020**'.

I am quite optimistic that the publication of the magazine annually would give an effective and periodic platform to the students to give vent to their creative urges. I find the design of the publication very innovative and inspiring and I trust that instructive and delightful articles will feature in the annual magazine. I hope and trust that the magazine would enthuse the students, the teachers and the readers and give a sense of purpose and help build national solidarity.

I congratulate the office bearers of the management trust of the Institute, the principal, the teachers and the students and wish them every success in their noble strive.

**(RAMESH POKHRIYAL 'NISHANK')**



सबको शिक्षा, अच्छी शिक्षा

Room No. 3, 'C' Wing, 3rd Floor, Shastri Bhavan, New Delhi-110 115  
Phone : 91-11-23782387, 23782698, Fax : 91-11-23382365  
E-mail : minister.hrd@gov.in



ಪ್ರೊ. ಎಸ್.ಸಿ. ಶರ್ಮ  
ನಿರ್ದೇಶಕರು  
ಪ್ರೊ. ಎಸ್.ಸಿ. ಶರ್ಮ  
ನಿರ್ದೇಶಕ  
Prof. S.C. Sharma  
Director



ರಾಷ್ಟ್ರೀಯ ಮೌಲ್ಯಾಂಕರಣ ಮತ್ತು ಮಾನ್ಯತಾ ಪರಿಷತ್ತು  
ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಸ್ವಾಯತ್ತ ಸಂಸ್ಥೆ  
राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
An Autonomous Institution of the University Grants Commission



11-02-2020

**Prof. S.C. Sharma**  
Director

## MESSAGE

I am indeed glad to know that, Sir M. Visvesvaraya Institute of Technology, Bangalore, Karnataka is in the process of bringing out College Annual Magazine '**BRINDAVANA 2020**' dedicated to "Skill Oriented Education."

The College Magazine Provides a forum for students to show case their academic, extracurricular and cultural activities. Such an endeavour to promote creativity and self expression among students is a laudable effort.

On this occasion, I have great pleasure in sending warm greetings and best wishes to the Principal, Staff and Students of the College.

*S. C. Sharma*  
(S.C. Sharma)

ಅಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂಖ್ಯೆ : ೧೦೭೫, ನಾಗರಭಾವಿ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೭೨, ಕರ್ನಾಟಕ, ಭಾರತ / पो. ओ. बॉक्स नं. १०७५, नागरभावी, बेंगलूरु - ५६० ०७२, भारत  
P.O. Box No.1075, Nagarbhavi, Bengaluru - 560 072, INDIA  
☎ : +९१-८०-३३३१०३३३, ३३००५११३, ११४, ११५ (ನೆಡ) ☎ : +९१-८०-३३३१०३३३  
ಮಿಂಚಂಚೆ/ई-मेल/E-mail : director.naac@gmail.com /ಜಾಲತಾಣ/वेबसाइट/Website : www.naac.gov.in



# 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/2019-20/229

Date : 13-03-2020



## MESSAGE

It gives me immense pleasure to note that Sir M. Visvesvaraya Institute of Technology, Bangalore, is planning to release the annual college magazine '**BRINDAVANA 2020**'.

It is heartening to note that Sir M. Visvesvaraya Institute to Technology affiliated to VTU, is serving the Community since near about 34 years by offering quality education. My best wishes to college to achieve newer heights in the years to come.

All the best to the Educational Board of 'Brindavana 2020' and wish the Magazine to come out as useful source of knowledge to the academic community.

**(Dr. Karisiddappa)**

Vice Chancellor



*Prof. A.S. Deshpande, B.E(Mtech), M.Tech, Phd.,  
Registrar*

Ref. No.: VTU/PS/2020-21/10468

Date : 17 MAR 2020



**Prof. A.S. Deshpande**  
Registrar


## **MESSAGE**

It is indeed a matter of pleasure that Sir M. Visvesvaraya Institute of Technology, Bengaluru is bringing out a college magazine '**BRINDAVANA 2020**'.

It is a matter of pride to note that the college is recognized by AICTE, New Delhi and accredited by NAAC, UGC, New Delhi, established in the year 1986 has been conceived as one of the premier institutions for Higher Education in the State of Karnataka. Faculty member's devotion and determinations are responsible for this notable achievement by the support of Management and Principal of the institution.

A college magazine is an eloquent expression of the progress and outstanding achievements. It is a manual that highlights the quality of education and extra-curricular activities of the college to develop all round personality of the students.

I appreciate the efforts contributed and hardwork of all the faculties, editorial team and students concerned in bringing out the magazine.

  
**(Prof. A.S. Deshpande)**

Registrar



# Visvesvaraya Technological University

"Jnana Sangama"

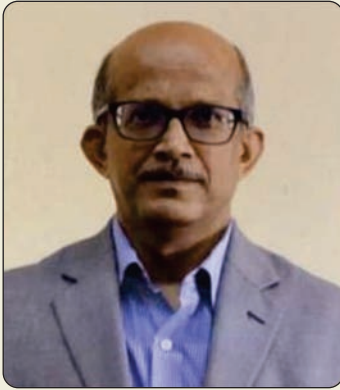
Belagavi - 590 018, Karnataka State

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

Phone : (0831) 2498131  
Fax : (0831) 2498184

Ref. No/VTU/BGM/Reg (E)/PS/2019-2019/ 2846

Date : 12-03-2020



**Prof. Satish Annigeri**  
Registrar (Evaluation)

## 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-2020**', 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)



# Sri Krishnadevaraya Educational Trust

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



**Dr. A.C. CHANDRASHEKAR RAJU**

President

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## MESSAGE

I am very happy to learn that Sir M. Visvesvaraya Institute of Technology, Bengaluru is bringing out its Annual Magazine, '**BRINDAVANA-2020**'. On this occasion, I wish to share my thoughts with the young and budding engineers of Sir MVIT.

Students should realize that, no task is impossible. They only should exhibit the willingness and courage to solve it. No battle would have been won, no scientific breakthrough would have been made, no business empire would have been built, but for earnest attempts. Success lies in the fortitude to fight odds. The students should not let themselves get carried away by distractions or get dejected by setbacks or failures. They should learn to face the problems with resolution.

Determination unfolds your full potential and talents. It keeps your strengths intact and encourages you to defy everything that may impede your progress. Commitment helps you to think constructively and discover new ways to excel. To put it in a nutshell, perseverance helps you to shape the life you want. When you awaken your creative intelligence, innovations would come to fore. Thus, education is an essential component to shape one's life and to secure an opportunity to prove one's worth on the global stage. Through systematic learning, one could gain insights into experiential learning and harmonious co existence, as well.

On this memorable occasion, I wish to thank the Principal, members of the Editorial Board and the contributors of BRINDAVANA-2020 for designing a colourful 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



**K.V. SEKHAR RAJU**

Vice-President

## MESSAGE

It is indeed heartening to learn that Sir M. Visvesvaraya Institute of Technology, Bengaluru is bringing out its Annual Magazine '**BRINDAVANA-2020**'.

As a first and foremost attitude, a student must know his/her goals. He/she must be clear as to what is it that they want. Spell out the ambitions and define the strategies. Do not be vague and do not procrastinate. Decide as to what must be accomplished in the years to come. Make up your mind to be earnest in your approach. Never offer or accept any excuse. Work systematically to realize the objectives, and within the target date. Without a time schedule, you will be lost in wilderness. In addition, you need perseverance, patience and determination to stick to your aims and not to yield or give up when confronted with obstacles or setbacks. One should have faith and confidence to accomplish great things and worthy objectives.

I thank the contributors for putting together these diverse set of articles which reflect their experiences and expertise in their respective fields. My special thanks to the Principal, the Educational Board, staff and students for their wholehearted efforts in bringing out this memorable & valuable magazine BRINDAVANA-2020.

With best wishes,



**(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 pleased to learn that Sir M. Visvesvaraya Institute of Technology is bringing out its magazine '**BRINDAVANA-2020**'.

Once again, Sir MVIT, true to its Vision and Mission, has proved that, it is second to none in providing Quality Education. 14 students of various Engineering disciplines have secured ranks in the University Examinations. It is the result of hard work and determined efforts. The Management is optimistic that other students also will follow the footsteps of the achievers. The Training and Placement Cell is active with a record of more than 90% placements in reputed companies with lucrative pay packages. The Management wishes to place on record the spendid and earnest efforts of the Director, Training & Placement Cell, but for whom, this achievement would not have been a reality. I am confident that, future placement drives will be pursued with the same zeal and enthusiasm, to maintain the standards set.

On this memorable occasion I wish to congratulate the Principal, Director, Training & Placement Cell, Editorial Team, students and staff for leading their whole-hearted support in bringing out this edifying magazine by their creative contributions and compilations.

With best wishes and warm regards to all.



**K. SYAMA RAJU**

Secretary

# Sri Krishnadevaraya Educational Trust

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



**M. VENKATARAMANA RAJU**

Treasurer

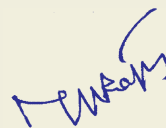
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## MESSAGE

I am overwhelmed to learn that Sir M. Vivesvaraya Institute of Technology is publishing another edition of its in-house magazine '**BRINDAVANA-2020**'.

I am happy that students have chosen Sir MVIT as their favoured destination in pursuit of their knowledge. The students might have heard that Sir MVIT has the distinction of having best infrastructure and stands unique in imparting quality teaching, enforcing discipline provide good working environment for the all-round development of the students. The institution values the students and the parents as the most important stakeholders, by giving them their due in terms of concern, care and service. The performance of students in VTU examination is very good, since many students have secured ranks with their hard work, dedication, determination. Apart from academics, the Management is encouraging other activities like sports, cultural and extra-curricular activities to inculcate self-confidence, team spirit, leadership qualities and decision making abilities amongst the students.

On this memorable occasion, I wish to extend my best wishes to the Principal, Editorial Team, staff and students and all those who are associated in bringing out an eloquent magazine "**BRINDAVANA-2020**".

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

**(M. VENKATARAMANA RAJU)**

Treasurer



# Editorial Team



**Dr. V.R. Manjunath**



**Dr. Sandhya S**



**Ms. Sheetal Bagali**



**Dr. Lakshmi H.**



**Ms. Shahnaz Begum**



**Dr. Hariharan N.**



**Ms. Tania Thomas**



**Dr. Jagadeesh Kumar D.**



**Dr. S.K. Uma**



**Ms. Padma Gayathri**



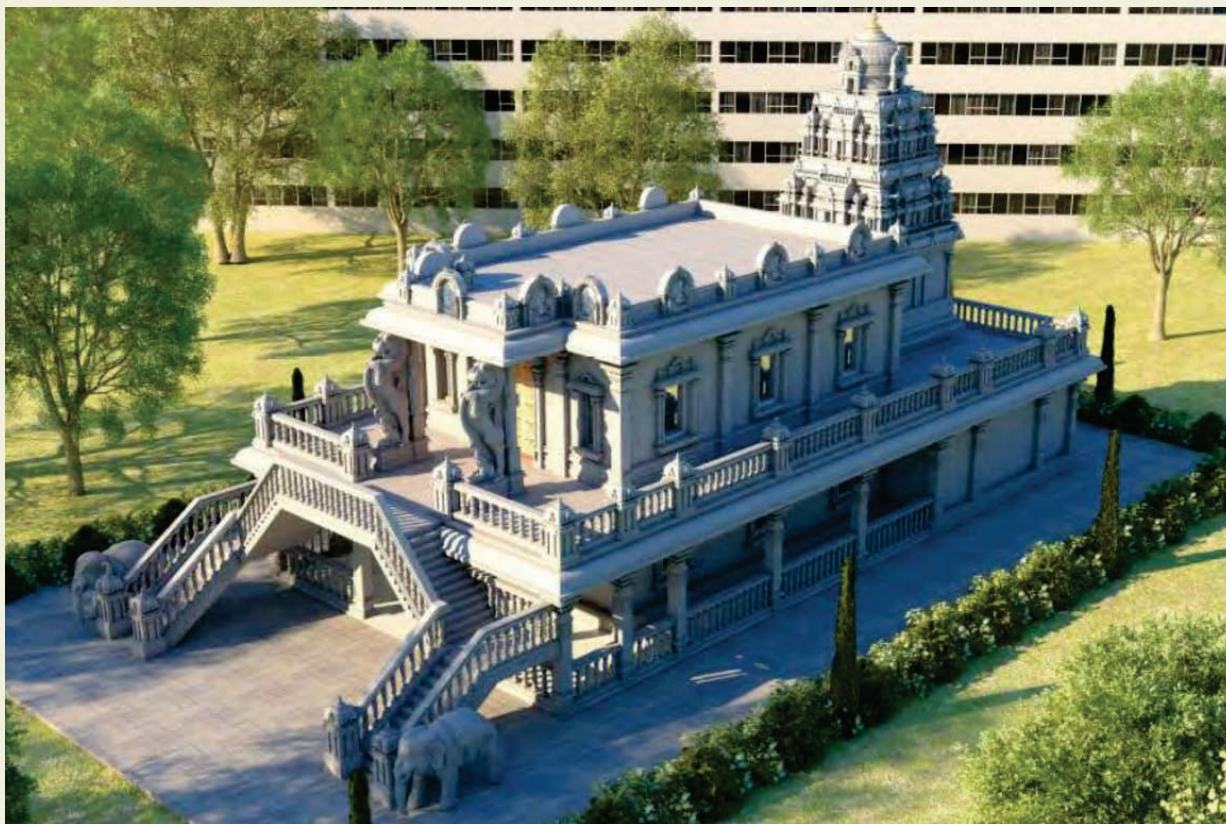
**Mr. Ravish P.Y.**



**Ms. Saraswathi R. Rao**



## UPCOMING PROJECTS



**LORD GANESHA TEMPLE**



**NEW LIBRARY BLOCK**



## From the Principal's Desk



**Dr. V.R. Manjunath**

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

Providing ample opportunities in engineering education is one of the most fundamental obligations we owe to our students because at SIRMVIT we are driven by the belief that every student deserves a high quality education.

It is quite satisfying to see our Institution breaking barriers and moving forward confidently with noticeable all-round achievements in academics, Placements, Innovation and Research. The adage "Fortune favors the brave" is very true in our case. All these things have been made possible by the extraordinary vision and monumental efforts taken by the management to make the college a center of excellence in education and research. The highly qualified and dedicated faculty members have always stood shoulder with the management and have carried out their duties with a level of commitment.

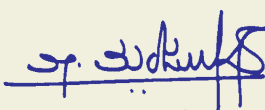
Nurturing creativity and inspiring innovation are two of the key elements of a successful education, and a college magazine is the perfect amalgamation of both. It harnesses the creative energies of the academic community, and distils the essence of their inspired imagination in the most brilliant way possible. Hence, I am delighted to know that the annual college magazine "Brindavana-2020" is ready for publication.

This magazine gives an insight into the range and scope of the imagination and creativity of our students and faculty members. It carries the contributions reflecting ethos and aspirations of the students, faculty and other team members. I went through the articles and poems published in this magazine. They amply demonstrate the communication skills, poetic prowess, imagination and, creativity, humor and humanism, technical competence, and patriotism of the contributors.

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. They have presented the stupendous achievements of our students and staff in the fields of academics, research, sports and extra-curricular activities, in a nice way. I applaud the staff and students who were part of the editorial team for the hard work and dedication they have invested in realizing this goal. "Brindavana-2020" represents the collective work of the team.

I am sure that, by going through the pages of the magazine, the readers will get a bird's eye view of SIRMVIT and its success story.

**HAPPY READING.....**



**Dr. V.R. Manjunath**

## *Recipe For Happiness*

Throughout the ages, the quest for [happiness](#) has always been in the minds of people no matter if they were king or a slave.

Happiness takes on many forms and is subject to as many definitions. Some people say they will be truly happy when they finally retire, or if they were to win the lottery, or if they finally get that promotion they have been working towards for years.

Others [believe](#) that happiness comes by way of others. In these cases, they look at other people's lives as if they are invested in them, or they depend on others to lift their spirits or to make them laugh. This is not a recipe for happiness.

Happiness is dependent, instead, on how you view [life](#) and everything about it. There is no doubt that life can be brutally harsh with disappointments, upheavals, or open to ridicule or loss of a loved one. This is life. But, happiness is more about where you are right now this very instant. It isn't about tomorrow and it certainly isn't about yesterday.

**Happiness is about today and what you make of it.**

## EDIT SPEAK



**Dr. Sandhya Suswaram**

HOD, MBA & CHIEF EDITOR

### Dear Readers

It gives me great pleasure to bring you the annual college magazine of SIRMVIT, "BRINDAVANA 2020". The name and fame of an institute depends on the caliber and achievements of the students and teachers. This magazine is a platform to exhibit their literary skills and innovative ideas. This is the second consecutive year I am heading the editorial team. It was quite an easy passage of events last year, but this time the situation was really tough and challenging.

Way back somewhere in the middle of August' 2019, we gave out the first clarion call for contributions. We hardly got any entries. As the slogan says, "when the going gets tough, the tough get going!" We figured that the going wasn't really getting tough, yet! December passed, so did the semester and we were left with a handful of articles and poems and many hands full of photographs. We figured at this rate, Brindavana – 2020 would have to be coffee table book rather than a college magazine!

Along came the even semester which started in February' 2020, with all its events, programs and academic schedule. But everything came to a sudden stand-still in mid-March due to COVID-19 Lockdown. Eventually, when the staff started attending duties in the college from first week of May 2020, we hardly had one month time left for the semester to end. The going was getting tougher and our deadlines were getting closer. Nevertheless, just like our south Indian Sambar Vada, talent is best served hot; and so we got the best of the contributions which you see now in the magazine.

Guided by our beloved Principal who is as always our pillar of support and has lived through all the problems that we encountered while preparing this magazine and all our faculty and student editors who enabled to get this magazine done with all its formalities and informalities.

I take this opportunity to extend my profound thanks to our entire editorial team for their continuous support throughout the creation of this magazine. The entire exercise of preparing this magazine from the start to the finish has been a very pleasant journey, a journey that taught us many lessons and provided us with quite a bit of entertainment as well. The experience of previous year came in very handy to negotiate and manage a very peculiar situation which we encountered due to COVID-19 and at the end of the day, I feel extremely happy that at-last, the magazine has seen the light at the end of the tunnel.

**We wish you all a Happy Brindavan-2020 Read**

**Dr. Sandhya Suswaram**

Editor of College Magazine





**INSPIRING THE FUTURE  
CREATING GLOBAL CITIZENS**

**ENTRANCE ARCH**



**CAMPUS LIFE**

# *Achievers*





# *We are Proud of You*

## **VTU Rank Achievers - 2019**

**1<sup>st</sup> RANK, GOLD MEDAL**



**Anvitha, BE-IEM**

**2<sup>nd</sup> RANK**



**Akansha Gaurav, BE-TCE**



**2<sup>nd</sup> RANK**



**Ritika Pandey, BE-ISE**

**2<sup>nd</sup> RANK**



**Sonali S Naik, BE-BT**

**3<sup>rd</sup> RANK**



**Shri Lekha K P, BE-ME**

**4<sup>th</sup> RANK**



**Akarapu Nikitha, BE-EEE**

**4<sup>th</sup> RANK**



**Hitashi Nandan, BE-TCE**

**5<sup>th</sup> RANK**



**Harini Chandramouli, BE-EEE**

**5<sup>th</sup> RANK**



**Pooja H V, BE-BT**

**6<sup>th</sup> RANK**



**Sai Ratnam P. R., BE-ISE**

**8<sup>th</sup> RANK**



**Sinchana R Nayak**  
BE-Civil & UltraTech  
Endowment Gold Medal  
for securing highest marks in  
Concrete Technology

**8<sup>th</sup> RANK**



**Swati Boranala, BE-CSE**

**9<sup>th</sup> RANK**



**Bhavana Nagaraja, BE-BT**

**10<sup>th</sup> RANK**



**Shreya Sabu, BE-CSE**







SHIVA VARUN SINGH RAJPUT, IV SEM ME DEVELOPED AMPHIBIOUS UAV & EXHIBITED ON INDIAN NAVY DAY AT NEW DELHI, 8TH DEC'2019. APPRECIATED BY RAKSHAMANTRI, SRI RAJNATH SINGH. WON CASH PRIZE-15 LAKHS



SWADI – VIII Sem. CSE & SURAJ – VIII Sem. TCE : WINNERS OF AGEIS GRAHAM BELL AWARD AT NEW DELHI ON 27th FEB' 2020 ; AWARD RECEIVED FROM UNION MINISTER SRI NITIN GADKHARI



VIPUL GAURAV, SUSMITH AGARWAL, THUSHAR SHARMA & VISHAL – VI Sem. CSE : WINNERS OF AICTE – CHATTRA VISHWAKARMA AWARD - 2020 AT NEW DELHI ON 24.02.2020. FACULTY ADVISOR – Dr. SAVITHA CHOUDHARY- ASSOCIATE PROF. CSE, WINNERS OF 1st PRIZE & CASH AWARD OF Rs. 51,000





PREKSHA & YASHIKA – VIII SEMESTER BT: ANVESHANA – STATE LEVEL COMPETITION  
25th-27th FEB' 2020 WINNERS OF CASH PRIZE OF Rs. 25,000

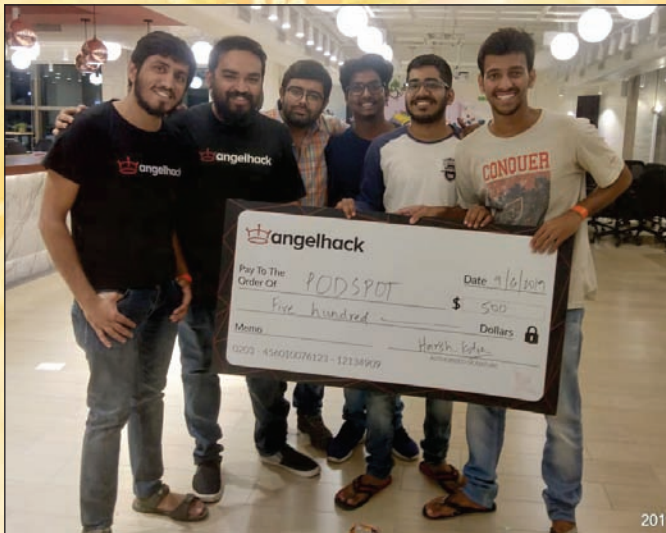


DARSHINI, JISS GIGI, YESHASWINI, AYAN & ABHISHEK – IV SEMESTER BT :  
ANVESHANA – STATE LEVEL COMPETITION. 25th -27th FEB'2020 WINNERS OF CASH PRIZE OF Rs. 15,000



GAGANA T. REDDY – VIII SEMESTER ECE  
WINNER OF BEST STUDENT AWARD, ISTE STUDENT CHAPTER, MAR' 2020





DEEP NARAYAN & ABHI CHAURASIA  
VI SEM, ISE, WINNER OF CASH PRIZE  
\$ 500 AT ANGELHACK HACKATHON, 8th JUNE-2019



TEAM MARS – STUDENTS OF ME  
WINNERS OF KART DESIGN CHALLENGE,  
HYDERABAD- 6th -9th AUG-2019



TEAM INFERNO – STUDENTS OF MECHANICAL ENGINEERING PARTICIPATED IN SHELL ECO MARATHON INDIA,  
BANGALORE – 2019 AND WON SAFETY AWARD IN SHELL ECO MARATHON, MALAYSIA 2020



SIR MVIT AWARDED WITH A CASH PRIZE OF Rs. 1 LAKH,  
FOR VTU SPORTS ACHIEVER OF THE YEAR AWARD ON 19.10.2019





WRESTLING & JUDO : TEAM CHAMPIONSHIP VTU – INTER-COLLEGIATE TOURNAMENT 2019



SWIMMING : 2 BRONZE MEDALS VTU – INTER-COLLEGIATE TOURNAMENT 2019



BADMINTON TEAM : WINNERS VTU – INTER-COLLEGIATE TOURNAMENT 2019



SUREEN VIII SEM ECE, WON GOLD AT 3RD UPM INTERNATIONAL BASEBALL TOURNAMENT, MALAYSIA - NOVEMBER 2019



## BOOK PUBLISHED BY FACULTY 2019-20



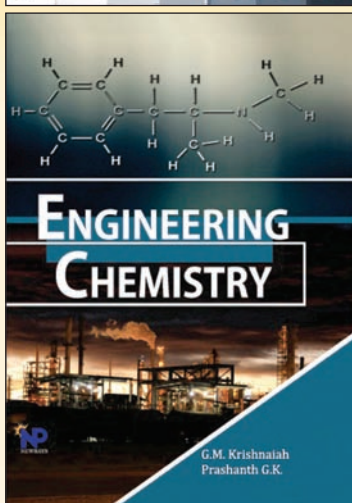
**Dr. HARISHA. B S**  
Asst. Professor, MBA



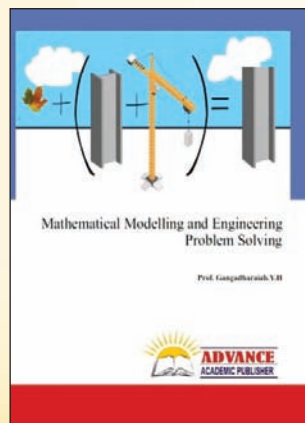
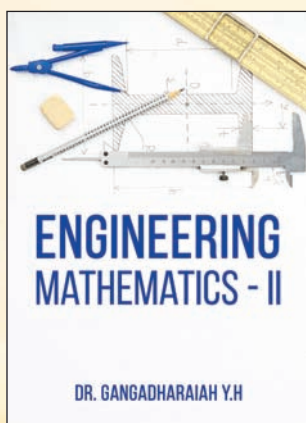
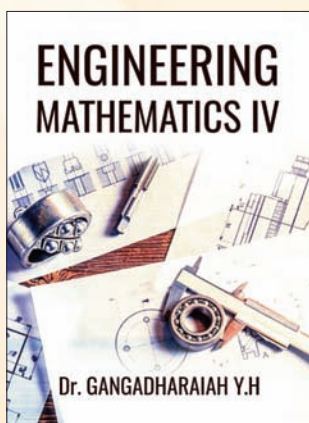
**Dr. SANDHYA SUSWARAM**  
Professor & HOD, MBA



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Asst. Prof., CHEMISTRY



**Dr. G.M. KRISHNAIAH**  
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Professor, MATHEMATICS



**Dr. MAHESH K**  
Professor., EEE





## FACULTY AWARDED Ph.D : 2019-20

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Ph.D - VTU



**Dr. Rashmi K V,**  
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Ph.D-NITTE, Mangalore



**Dr. Sudevi Basu**  
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Ph.D-VTU



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Asst. Prof. Chemistry  
Ph.D-Bharathiar University



**Dr. Ajina A**  
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Ph.D-VTU



**Dr. Rashmi Amardeep**  
Asst. Prof., CSE  
Ph.D -Sri Siddhartha Academy of  
Higher Education, Tumkur



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Ph.D-VTU



**Dr. Prashant S. H.**  
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Ph.D-VTU



**Dr. M S Divya Rani**  
Asst. Prof., ETE  
Ph.D-VTU



**Dr. Harisha B S,**  
Asst. Prof., MBA,  
Ph.D-VTU



**Dr. Lakshmi. H,**  
Asst. Prof., MBA,  
Ph.D-VTU





# RESEARCH GRANTS RECEIVED BY FACULTY



**Dr. H G NAGENDRA**

Professor & HOD, BT

BIRAC-PACE: Rs. 48.25 Lakh

DST-WOS(B): Rs. 21.80 Lakh

ICMR: Rs. 16.54 Lakh

BRISTOL MYERS SQUIBB (USA): Rs. 3.46 Lakh

**Dr. JAGADEESH KUMAR. D**

Assistant Professor, BT

ICMR: Rs. 16.54 Lakh



**Dr. PRIYA NARAYAN**

Associate Professor, BT

BRISTOL MYERS SQUIBB (USA)

Rs. 3.46 Lakh

**Dr. S. K. UMA**

Professor & HOD, Maths

INSA: Rs. 2.5 Lakh



**Dr. MANJULA SANJAY KOTI**

Professor & HOD, MCA,

IIT Delhi : Rs. 2 Lakhs

**Dr. R. SUNDARAGURU**

Professor & HOD, ECE

Power Health Technologies:  
Rs. 2 Lakhs



**Dr. P. VIJAYAKARTHIK**

Professor & HOD, ISE

Power Health Technologies:  
Rs. 2 Lakhs

**Dr. SUPRIYA V. G**

Professor, ECE

CBK Infotech India Pvt. Ltd.:

Rs. 2 Lakhs,

Viswa Jothi Technologies Pvt. Ltd.

Rs. 2.1 Lakhs.



**Dr. G R KAVITHA**

Associate Professor, ECE

CBK Infotech India Pvt. Ltd.:

Rs. 2 Lakhs,

Viswa Jothi Technologies

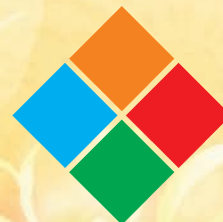
Pvt. Ltd.: Rs. 2.1 Lakhs.

**Dr. VANIPRIYA C.H**

Associate Professor, ISE

Pitch Technologies

Rs. 1 Lakh







INSTITUTE NAME	CITY	ZONE	CATEGORY	RANK
Bangla College of Engineering & Technology	Bidhan	East	Private	25*
R.M.K. Engineering College	Thiruvallur	South	Private	25*
BIT Sindri	Chennai	East	Government	36
Categories University	Greater Noida	North	Private	27
Chennai University Institute of Engineering & Technology	Rajapuram	North	Private	28
QIMB Institute of Technology	Rajapuram	North	Private	29
Sri M. Vasanthanarayana Institute of Engineering & Technology	Bangalore	South	Private	40
Madhav Institute of Technology & Science	Chennai	West	Government	41
Madurai Marudurai Institute of Technology	Madurai	West	Government	42
S.C. Jagan Education Society's Rajapetnagar Institute of Technology	Chennai	West	Government	43
L.C. Jagan Education Society's Rajapetnagar Institute of Technology	Chennai	West	Government	44
Adarsh College of Engineering	Madurai	West	Government	45*
Arul College of Technology	Chennai	West	Government	46
NorthCap School of Engineering & Technology	Chennai	West	Government	47
NorthCap University	Chennai	West	Government	48
University Rajapetnagar	Chennai	West	Government	49*
Andhra College of Engineering & Technology	Chennai	West	Private	50
School of Engineering & Technology	Chennai	West	Private	51
School of Engineering & Technology	Chennai	West	Private	52
School of Engineering & Technology	Chennai	West	Private	53
Institute of Technology	Chennai	West	Private	54*
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Institute of Technology	Chennai	West	Private	64
Institute of Technology	Chennai	West	Private	65
Institute of Technology	Chennai	West	Private	66

PRIVATE ENGINEERING COLLEGES - MUMBAI		Electrical	160
		Hydrothermal	148
		Hydrothermal	137
		Mechanical	170
RANK			
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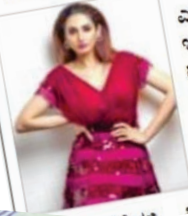




ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ಶಿಕ್ಷಣ  
ಟ್ರಸ್ಟ್: ಕಲಾಂಜಲಿ  
ಕಾರ್ಯಕ್ರಮ. ಅತಿಥಿಗಳು:  
ನಟಿ ರಾಗಿಣಿ ದ್ವಿವೇದಿ, ಕೆಇಟಿ  
ಅಧ್ಯಕ್ಷ ಡಾ.ಎ.ಸಿ.ಚಂದ್ರಶೇಖರ್  
ರಾಜು. ಸ್ಥಳ: ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯ  
ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ,  
ಹುಣಸೆಮಾರನಹಳ್ಳಿ. 10.

## ಇಂದಿನ ಕಾರ್ಯಕ್ರಮ

ಯಶವಂತಪುರ, ತಾಜ್ ಹೋಟೆಲ್. ಕ್ಯೂಸಿಬಿ ಮಟ್ಟದ ಬೃಹತ್ ಸನ್ಮಾರ ಆಹಾರ ಮೇಳ.  
ವತಿಯಿಂದ 8ನೇ ಪ್ರಾದೇಶಿಕ ಗುಣಮಟ್ಟದ ಸಮಾವೇಶ. ಸಚಿವ ಬಸವರಾಜ ಬೊಮ್ಮಾಯಿ, ನಟಿ  
ಚಂದ್ರ, ಮಧ್ಯಾಹ್ನ 12.00  
ಬೆಳಿಗ್ಗೆ 9.30 ಗ್ಯಾಲರಿ ಜಿ.ಸಂದೀಪ್ ಮತ್ತು ಯುಬಿ ಸಿಟಿ, ಎದುರು, ಜೋಸೆಫ್  
ಲ್ಯಾಪೆಲ್ ರಸ್ತೆ, ಗ್ಯಾಲರಿ ಜಿ.ಸಂದೀಪ್ ಮತ್ತು ಹೈಸ್ಕೂಲ್ ಮೈದಾನ. ಡ್ಯಾವೆಲ್ಸ್ ಆಫ್  
ಗೀತಾಂಜಲಿ ಮೈನಿ ಫೌಂಡೇಶನ್ ವತಿಯಿಂದ ವಿವಿಧ ವತಿಯಿಂದ ಅಭಿರಣಿಗಳ ಪ್ರದರ್ಶನ ಮತ್ತು  
ಕಲಾಪ್ರಕಾರಗಳ ಪ್ರದರ್ಶನ. ಬೆಳಿಗ್ಗೆ 10.00 ಮೇಳ. ಅತಿಥಿ: ಪ್ರಣೀತಾ. ಮಧ್ಯಾಹ್ನ 12  
ಎಂವಿಐಟಿ ಕ್ಯಾಂಪಸ್, ಹೀಲ್ ವತಿಯಿಂದ ನೂತನ ಸ್ಟೋರ್  
ಎಂ.ವಿಶ್ವೇಶ್ವರಯ್ಯ ಆಫ್ ಮಧ್ಯಾಹ್ನ 3.00  
ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಕೆ.ಆರ್. ರಸ್ತೆ, ಬೆಂಗಳೂರು ಗಾಯನ  
ಟೆಕ್ನಾಲಜಿ ವತಿಯಿಂದ 2019. ಸಭಾಂಗಣ, ಗಾಯನ ಸಮಾಜದ ವತಿಯ  
ಕಲಾಂಜಲಿ 2019. ಸಂಗೀತ ಸಮ್ಮೇಳನ ಅಂಗವಾಗಿ ಕೆ.ಪಿ.ಪುರ  
ಅತಿಥಿಗಳು: ನಟಿ ರಾಗಿಣಿ ಸಂಗೀತ ಕಛೇರಿ. ಸಂಜೆ 4.15  
ದ್ವಿವೇದಿ, ನಿಮಿಷ ರಿಂದ ಕೊಳಲು ಕಛೇರಿ. ಸಂಜೆ 4.15  
ರತ್ನಾಕರ್. ಬೆಳಿಗ್ಗೆ 10.00



ವಿದ್ಯಾಭೂಷಣ, ಅಧ್ಯಕ್ಷತೆ- ಬಿ. ರಾಮದಲ್ಲು  
ಉಪಾಧ್ಯ. ಆಯೋಜನೆ- ಲೀಲಾ ನಾಟ್ಯಕಲಾಕೇಂದ್ರ.  
ಸ್ಥಳ- ರವೀಂದ್ರ ಕಲಾಕ್ಷೇತ್ರ, ಜೆ.ಸಿ ರಸ್ತೆ, ಸಂಜೆ 4  
ಕಲಾಂಜಲಿ 2019: ಉದ್ಘಾಟನೆ- ಎ.ಸಿ ಚಂದ್ರಶೇಖರ  
ರಾಜು, ಕೆ.ವಿ ಶೇಖರ ರಾಜು, ಆಯೋಜನೆ- ಸರ್.  
ಎಂ. ವಿಶ್ವೇಶ್ವರಯ್ಯ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ.  
ಸ್ಥಳ- ಕಾಲೇಜು ಆವರಣ, ಕೃಷ್ಣದೇವರಾಯ ನಗರ,  
ನಿರ್ಮಾಣ ನಿಲ್ದಾಣ ರಸ್ತೆ, ಬೆಳಿಗ್ಗೆ 10

ಕಲಾಂಜಲಿ: ಸರ್ ಎಂ. ವಿಶ್ವೇಶ್ವರಯ್ಯ ಇನ್  
ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಆಯೋಜನೆ.  
ಕಲಾಂಜಲಿ-2019. ಮುಖ್ಯ ಅತಿಥಿ:  
ಚಿತ್ರನಟಿಯರಾದ ರಾಗಿಣಿ ದ್ವಿವೇದಿ, ನಿಮಿಷಾ  
ರತ್ನಾಕರ್. ಅಧ್ಯಕ್ಷತೆ: ಶ್ರೀಕೃಷ್ಣದೇವರಾಯ  
ಎಜುಕೇಷನಲ್ ಟ್ರಸ್ಟ್‌ನ ಅಧ್ಯಕ್ಷ ಡಾ.ಎ.ಸಿ.  
ಚಂದ್ರಶೇಖರ ರಾಜು. ಸ್ಥಳ: ಸರ್ ಎಂವಿಐಟಿ  
ಮುಖ್ಯ ಆವರಣ, ಕೃಷ್ಣದೇವರಾಯನಗರ,  
ಹುಣಸೆಮಾರನಹಳ್ಳಿ, ಬೆಳಿಗ್ಗೆ 10ಕ್ಕೆ.



ಸರ್ ಎಂ. ವಿಶ್ವೇಶ್ವರ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಆಯೋಜಿಸಿದ್ದ ಅಂತರ ಕಾಲೇಜು ಸಾಂಸ್ಕೃತಿಕ  
ಯುವವನೋತ್ಸವ ಕಲಾಂಜಲಿಯನ್ನು ನಟಿ ರಾಗಿಣಿ ದ್ವಿವೇದಿ ಉದ್ಘಾಟಿಸಿದರು. ಕೃಷ್ಣದೇವ  
ರಾಯ ಶಿಕ್ಷಣ ದತ್ತಿಯ ಅಧ್ಯಕ್ಷ ಎ.ಸಿ.ಚಂದ್ರಶೇಖರ ರಾಜು, ಕೆ.ಶ್ಯಾಮರಾಜು ಇದ್ದರು.



Sri Krishnadevaraya Educational Trust and Dayananda  
Sagar Institutions greet Deputy Chief Minister CN Ashwath  
Narayan, also the higher education minister.  
Secretary K Syama Raju, president of the trust Dr A C  
Chandrashekar Raju and chairman of Dayananda Sagar  
Institutions Dr Hemachandra Sagar were present.

THE HINDU

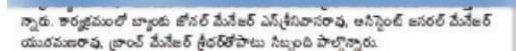
Monday • October 21, 2019

IN BRIEF

**Fest**

About 500 participants from various engineering colleges participated in 35 different cultural and gaming events like music, dance, literature, quiz, fashion show, theatre and fine arts. Among a host of guests, actors Nimika Rathnakar and Ragini Dwivedi were present at this event at Sir M.Visvesvaraya Institute of Technology. The members of Sri Krishnadevaraya Educational Trust graced the inauguration ceremony.



[illegible]

## Teams from 4 engg colleges in Bengaluru showcase prototypes of green cars in eco marathon

By [Kumaran P](#), Bangalore Mirror Bureau | Dec 9, 2019, 06.00 AM IST



Four teams from various engineering colleges took part in an eco-marathon that was held last month. They developed prototypes of cars that



**ಸಂಸದಸಭಾಪಾಲಕರು ಬಹುಮತದಿಂದ**  
 ಕರ್ನಾಟಕ ಶಿಕ್ಷಣ ಸೇವಾ ಅಭಿವೃದ್ಧಿಯಿಂದ  
 ಸಂದ ಕೊನೆಯ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಸರ್ಕಾರ  
 ಸಾಂಪ್ರದಾಯಿಕ ವಿಧಾನದ ಮೇರೆಗೆ ಪ್ರತಿಭೆ ಕಲ್ಪಿಸಿ  
 ಕರ್ನಾಟಕದ ಭವಿಷ್ಯದಲ್ಲಿ ಹೆಚ್ಚು ಅಂಕಗಳನ್ನು  
 ಪಡೆಯಲು ಶ್ರಮಿಸಿರುವುದರಿಂದ ಮಹಾಶಿಕ್ಷಣ ಮಂಡಳಿ  
 ಸಭೆಯು ಅಭಿನಂದನೆಗಳನ್ನು ಸಲ್ಲಿಸಿತು.



When Ayan Khanra, Darshini BM, Jiss Gigi, Abhishek Rathod and Yashaswini MA, all students of Sir M Visvesvaraya Institute of Technology, saw a juice shop near their college discard peels and seeds of pomegranate, they decided to find some useful ways to reuse the waste. The team made soaps and lip balms from the seeds and a natural dye from the peels. "These products are 100% organic and non-carcinogenic," said Ayan.



Team Inferno was all set to take part in this year's Shell Eco Marathon touted to take place in Kuala Lumpur, Malaysia. Due to the corona virus pandemic, the competition got cancelled. In order to ensure that our efforts did not end up in vain, Shell made sure Virtual Off track awards available to all eligible teams. Team Inferno took part in the Safety, Communications & Circular Economy categories respectively.

***On the 3rd of June 2020, Team Inferno was adjudged winners of the Safety Category.***







## INDIAN TEAMS WIN BIG IN FIRST EVER VIRTUAL SHELL ECO-MARATHON ASIA OFF-TRACK AWARDS

Jun 05, 2020

The first virtual Shell Eco-marathon Asia Off-Track Awards has just concluded with student teams from India reaping awards in four out of six categories.

The winners are Team #17 Eco Titans from VIT University for the Communications Award, Team #316 Pravega from the Government Engineering College, Barton Hill University for the Circular Economy Award, Team #315 DTU E-Supermileage from the Delhi Technical University for the Vehicle Design Award, Prototype category and Team #320 Inferno from the Sir M Visvesvaraya Institute of Technology University for the Safety Award.

*Team Inferno is extremely happy to register the team's first Off-Track award win at Shell Eco- Marathon Asia and would like to take this as motivation to strive harder for future wins at Shell Eco-marathon competitions," said Sree Tejas S, Team Manager of Team #320 Inferno from the Sir M Visvesvaraya Institute of Technology, Bengaluru. Their entry won the Safety Award for promoting a daily commitment to safety as a culture and not just as a set of rules to follow. He adds:" We are happy to be a part of this historical event of Shell Eco-marathon and immensely proud to represent and win an award for India at a prestigious international competition."*

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2020 Shell Eco-marathon Asia Off-track Awards		
Category	Winner	Honorable Mention
Technical Innovation Award, presented by Shell Research Institute	TP Eco-Flash, Tematik Polytechnic High School - Singapore	Semua United UGM - Indonesia
Communications Award	Eco Team, VIT University - India	
Circular Economy Award	Pharvea, Government Engineering College, Barton Hill - India	
Vehicle Design Award (Prototypes), presented by Asha	DTU-EcoPrototype, Delhi Technological University - India	Protektus Borneo SDE, Protek Borneo - Brunei Darussalam
Vehicle Design Award (Urban Concept), presented by Asha	N111 Nanyang Automotive Engineering Technology University - Singapore	Shenoy Institute of Technology, Shreevals Hindu - India
Safety Award	Tenax E350 Amax, PT Mekanismania Institute of Technology - Indonesia	

Source: AUTOCAR Professional

#### Four Indian teams the big winners in virtual Shell Eco-Marathon Asia contest

© Author(s) Frey News Desk, 11 Jun 2021



The team INFERNO won 3000 US dollars in SHELL ECP MARATHON (SEM) - 2020 at Kuala Lumpur, Malaysia.

## Indian institutes win awards for eco-friendly prototype, fuel-efficient vehicle

TNN | Posted on Thursday, June 11, 2020

The first virtual Shell Eco-marathon Asia Off-Track Awards were won by students of four institutes in the country



Student from various institutes in India bagged prizes at the first virtual Shell Eco-marathon Asia Off-Track Awards.

The awards were won by students from VIT University; Government Engineering College, Barton Hill; Delhi Technological University and Sir M Visvesvaraya Institute of Technology.

Winning prize money of \$3000, the candidates had obtained awards in four out of six categories.

VIT University's Team Eco Titans won the Communications Award for their integrated communications efforts including elements such as cross-nation seminars, exhibitions, rallies, radio segments and social media outreach.

Team Pravega from the Government Engineering College bagged the Circular Economy award for their project, a chair made from 100% bamboo fabric combined with glass fibre and powered by electrical energy.

Delhi Technological University's Team DTU E-Supremileage won the Vehicle Design Award in the prototype category for their aerodynamic and fuel-efficient vehicle design which includes a carbon fibre (G1CM) body structure.

Sir M Visvesvaraya Institute of Technology's from Team Inferno won the Safety Award for their approach to safety including standardised protocols for drivers, vehicle transportation, battery management, risk assessments and several other on-site best practices.

The on-track event was cancelled due to the COVID-19 pandemic. The candidates were evaluated online for the off-track awards in various categories.

Around 50 teams from 16 different countries participated in the off-track awards for the Asia region.

ಭಾವೀ ಎಂಜಿನಿಯರ್‌ಗಳ  
ಭವಿಷ್ಯದ ಕಾರುಗಳು!

[illegible]

## Expert Interview with Dr. SEETHARAMU SUBRAMANYAM



**Dr. Seetharamu Subramanyam**

***I pray for the strength, solicitude and repose in countering the Covid19 waves staggering the humanity***

**Your brief introduction to our readers and also your good old memories that you would like to share with us?**

I am very happy to be with the young and bright readers of Brindavan 2020.

Evergreen is the wonderful opportunity I had at IISc in completing my Masters and Doctoral studies in Mech Engg subsequent to my graduation 1974 and I am indeed indebted to Prof Malur N Srinivasan and all my gurus and mentors for enabling me inculcate diligent approaches to research and application. I started my career with the industry (L&T and Best & Crompton) and extremely thankful for the opportunity to learn the deeper industrial perspectives and practices and the significance of time and team work during my tenure.

- Technical Director,
- Materials & Failure Expert
- Director (Retd.) CPRI
- Chartered Engineer
- Visiting Professor &  
Technical Advisor  
to
  - \* BMS College of Engineering,
  - \* Siddaganga Institute of Technology,
  - \* National Disaster Response Force,
  - \* Sambram Institute of Technology

The research interest I had in the area of structural integrity of materials took me back to R&D and in this respect I recall the great time I had at Prof. B. Dattaguru's lab in the area of fracture mechanics. The good mix of industrial touch and research prompted me to take up the assignment at Central Power Research Institute in 1985. I have to thank Dr M Ramamoorthy, a stalwart in power engg, for the wonderful opportunity given to me to serve the Institution. CPRI presently has completed six decades of dedicated service to the power sector in the areas of Generation, Transmission & Distribution.

Materials technology, thermal research, energy efficiency, environmental engg, clean-technologies, renewable energy and condition assessment & diagnostics of plant components (Remaining Life Assessment and Asset Management), fuel quality impact programs, value added fly ash products, testing & certification of transformer steels were the areas addressed. The special thrust was towards coordination/networking with professional working groups for collaboration, accreditation and implementable consultancy



work-programs. With a very good interface with the leading national (BHEL, NTPC, SEBs) and international power sector organizations (CEGB, EPRI, CRIEPI), the assignments of setting up laboratories at Bangalore, Nagpur, Trivandrum and Guwahati were completed successfully along with a constructive R&D orientation. The various national perspective programs in force resulted in a good interface with the academics and the industry. I am extremely happy to note that the challenging problems were countered well on such progressive platforms and I remember that the various stages of developed activities were ably supported and strengthened by my erstwhile colleagues from the materials technology group at CPRI and practicing engineers from the other leading organizations & industries.

I fondly remember the good interactions I had with the Int reputed scientists Prof Toshiro Kobayashi, Dr C H Wells, , Dr R. Viswanathan, Prof K Shivakumar, Dr. Karisiddappa, Dr. Hemut Wolf and Prof. Rajender Gupta, Dr. Stan David, Dr. Vringino Vrich, Dr. Harry Orton, and Dr. Leonard Dissado. Last four decades of applied R&D has resulted in imparting education, conduct of International conferences, journal publications, custom specific training programs, IPR, technology evolution involving scaling up, demonstration, quality assurance and industrial acceptance. These moves also resulted in a large no of undergraduate, post graduate and doctoral projects. Being the member of many professional bodies and holder of patents, I am in receipt of many notable awards for performance and achievements.

After superannuation from CPRI as Director in June '15, I am keeping busy with the academics as a Distinguished Professor in leading colleges and also appointed by INAE-AICTE for special programs on industry-connect programs. My active interaction with IISc, IITs, VTU, NDRF, IIE, IPE

and other professional bodies continue with the notable support of spirited youngsters.

### **Your views on changing role of higher education institutes in post COVID 19.**

*Tide over the immediate challenges and make India a competitive economy.*

Yes. We need a conducive and comprehensive program to support Health and Education. Covid 19- shadow is too long and measures to raze it away or erase requires a very resilient support both from the study-planners as well as the students. Higher educational institutes have to embark upon challenging solutions through a technology driven education to provide stimulus in the mindset of the students.

India is blessed with extraordinary teachers and very bright students. Yes, the students are bright and sensitive without exception. The online courses are being tuned up based on suggestions from education experts in respect of better communication, technology-smartness, compact & redesigned info, knowledge-augmentation, and gamification. Further, we are also banking upon a vibrant industry oriented ecosystem.

The plus point in future is to blend the societal and industrial needs in a blended-learning mode, a dynamic and auto-improving program. There is a welcoming gesture in the technologies flashed by VR/AR and Mixed Reality experts. A reasonably acceptable combination of good teachers and domain specialists from the industry handling Mixed Reality platforms fills up the major strategic gaps. I am also happy to indicate under another question certain significant aspects of technically rich "Education 4.0", which is a very good globally connected program harnessing the digital transformation potential.

### **Managing the challenges in Contactless teaching and learning pedagogy, virtual classrooms and adaptation?**

Challenges faced are linked to the technology and the focussed towards students. While the technology is dependent on network and internet facility both at the presenter and receivers end, focus on students is the essence while teaching online. It is important to monitor students' concentration on the subject taught. This exercise is taking a good shape now and the classes may carry the tuned up version as hinted earlier. A few notable issues are: industry-connect exercise, virtual practices adoption, goal oriented micro-projects and opportunity perspectives including deliberations on the global scenario. Hold-up points linked to parent's attention as well as online gamification appropriately designed to student's performance may become helpful, but requires total involvement of the teachers. This is not a very simple exercise and calls for a good training both for teachers and student.

#### **How should today's teachers and students get associated in Research?**

With a good understanding of the preparedness and enterprise shown in the modern higher education in respect of CO-PO/PSO & PEO attainment and assessment, I would like to indicate certain points in line with the research/industry interface. In simple words, the product/process realization may be grouped under four phases viz., a) basic research, b) lab-scale & scale-up, c) techno-economics and d) technology. The academics and the research centres do have good expertise regarding the aspects of first phase-basic research, i.e., concept dev, materials engg and tech feasibility. All the tools and techniques followed are quite good until this point. In the next phase, activities related to lab scale work, modeling and demonstration are completed with a fair amount of success, but gets slowed down in scaling-up. Generally, scaling-up procedures

turn out to be very significant in respect of every project. The next phase being techno-economics (item(c) above) is also quite a tough phase consisting of engg conceptual design, development for sustainable programs and resource development. The academic groups typically find the progress quite slow in this step. The final one is the "technology phase", comprising of marketing & publicity, IPR, forming cross functional teams, codes and standards, failure rate and reliability, risk and hazard analysis and finally life-cycle analysis. These activities appears commonly out of reach of academics. Eventually all the aspects in techno-economics and technology call for effective networking with the industries and domain specialists. These progressive phases, discussed so far, are also generally termed as "Technology Readiness Levels" under nine headings (TRL. 1 to TRL. 9) and the efforts are always on throughout the world in improving the capabilities at all levels from Basic Research (TRL. 1) onwards. The academics are required to take up the overall technological development programs in the right perspective to handle the Industry 4.0 as well as Education 4.0 keeping in view the right contingent i.e., the global interface. These moves would strongly support self reliance and make in India programs and smoother industrial expansion including the anticipated MNC growth.

#### **There has been a huge diminishing impact on Economy due to Covid Pandemic attack. Your views on current economy and make in India?**

Yes. Agreed..AtmaNirbarata

Economy will pick up with the opportunities on a synergistic multifold level. The stern foundations getting ingrained in the country in respect of "make in India" concept and the wonderful national encouragement being meted out to MSMEs will help us to create a



sound platform for a steady growth enterprise. Global challenges are being addressed in the whole world by the academics, industries and governments, to respond to the changes in life style. Health and safety issues inclusively handling the 'digital transformation readiness' and 'technology readiness levels' are important along with progressive attempts being made on low carbon and circular economy issues. The pandemic situation has given rise to many challenges and opportunities, and are opening up in several sectors including agriculture, manufacturing consumer oriented goods and technology (includes apps), retail sales, banking and finance, effective adoption of Industry 4.0 guidelines (IIoT, ML/AI), cyber security and more such potential avenues. By collectively functioning together, we will be able to meet the challenges.

**Considering the Indian Students Demographics, some of the students belonging to rural locations are facing it very difficult to cope up with "Online Education" due to technical glitches. According to you, what can the Government do to eradicate this problem? Pertinent strategies and technologies?**

Yes. This is a Govt mission oriented exercise.

**At present the Job Market is freezed all over and as a reaction, Student community is much worried about their future career prospects. Please share your "Mantra" with the students to succeed?**

It is always a global trend that the entrepreneurship and innovation has risen during times of depression and has increased the employment opportunities to build the growth to the country's economy. Presently, there is very good need for the students community to improve their skills (both academic and technical) to make themselves fit for the jobs they are aspiring for.

While apprehensions are natural, the future seems to be quite is bright and demanding. The changes brought about by the pandemic in our lives is bracing up the zeal towards many counter measures and the most important for students and the practicing engineers is the much needed inclusivity on "digital transformation".

The students, right from their first year, are required to vigorously take up this approach in all disciplines. This pattern will induce allround constructive changes including the innovative measures which may trigger the new business regimes with a global interface. Economy roadmap in the country is concomitantly active on such measures. I also request the readers to intently make note and appreciate the S&T linked measures and perceptions brought out by the government agencies.

**What suggestion would you like to share with the Educationalist today, who are looking forward to cope up with digitalization of Education System?**

The education system, with good exposures to digitization, digitalization and digital transformation, is getting ready to make swift improvements around the globe. Education 4.0 is a desired approach to learning that aligns itself with the emerging Industry 4.0 by aligning the teaching and the related processes with technological improvements. This is a far reaching measure in comparison with the earlier practices followed on basic technology and infiltration of user-generated internet.

This industrial revolution focuses on smart technology, artificial intelligence, and robotics; all of which have made an impact on our everyday lives. Education 4.0 will cater to the needs of Industry 4.0 enabling the workforce and machines to coordinate to explore new possibilities. Further, It will deploy the potential of digital transformations, open-

sourced content and personalized data of this globally connected and tech-driven world. Education 4.0 also will create a blueprint for the future of learning – from school-based learning to learning at the workplace.

The trends in this evolution embody accelerated remote and personalized learning, choice of educational tools, project based learning, field-specific experience, data analysis and also changes in exam pattern and assessment. These conceptions require further deliberations, training and adaption in the Indian context. For universities to continue to produce successful graduates, they must prepare their students to compete globally, where these cyber-physical systems are prevalent across all industries. This means teaching the students about this technology as part of the curriculum, changing the approach for learning altogether and results in better prospects and creativity.

**Parents and Teachers play a vital role in their ward's academic excellence and also in their career prospectus. What would be your inputs to this them as they deal with the students on a day to day basis?**

This is a very important point, seeking clarity in respect of societal, socio-economic and techno-societal aspects taken heuristically with blended learning. I am sure that Education 4.0 policy keeps this aspect as a diagnostic tool taking into account the prevailing context.

The students are the ambassadors of cultural civilization. The digital transition is happening very nicely and the students are effectively going through the same. Supporting atmosphere at home as well as at the college will be helpful to schedule the time and team working approach on acquiring knowledge and skills and later be ready to work in their career on also transmission of the digital technology to the conventional workforce.

**It is said that Right Attitude can take a person to the right altitude. How do you think students should cultivate a right attitude?**

Be Positive at all altitudes.

One positive thought produces one million vibrations.

I further add a quote from Bradley Olson on Attitude of Gratitude

***Finding and expressing genuine gratitude for everything we are experiencing is a difficult thing.... in difficult times.***

***And yet, finding gratitude in challenging times is an essential component that leads to continue building the psychological quality called resilience.***

I also add a poem by DVG, indicating the natural aspiration for networking and coordination:

Where did the grass get its green color? Did it get it from its roots? or the soil? Or the Sun? or the Moon? or the water? or from you, the observer? Or is it that your eyes are fortunate to see it as pleasing green? Can there be only one source for any quality we find in objects (and people)? - Mankutimma

**How should we all ensure students Mental Well-being?**

Mental well-being of the students rings the national bell of mindfulness. Every student instruments the bell through a framework of positive relationships with his parents, teachers, mentors, seniors, and the emotional attachments in their educational journey. It is well known that resilience is the ability to cope and thrive in the face of negative events, challenges or adversity. It is a skill that can be developed through.

Yoga, I need not overemphasize the need for an overreaching and all-inclusive Yoga program.



Self awareness and core competence; it is essential that the students, a very important part of 'jaanhai to jahanhai' movement, become totally aware of their mental piece body health and relationships; this drives towards promoting core competence in their fields. Building resilience against adversity, developing protective factors regarding mental health and provide the students with skills and confidence to self-seek help for early intervention are a part of the ongoing system. But gaps remain and appear bigger where the need is bigger and justified. The essentiality of swift action without bias, as well as giving due respect to time and teamwork requires timely audit through independent channels.

**Your views Your advice to the budding managers and technocrats to cope up with their academic excellence?**

The strategy of learn, unlearn and relearn has already influenced the budding engineers and technocrats. The smooth ways of adapting to changes, new ways of communication,

new ideas and new challenging campaigns has been comforting keeping in view that the new waves of opportunity beckoning us. Further, one begins to realize with the enormous strength and courage at our disposal that it is desirable to have diligent blend of relearning ideas drawn from subject-experts as well as domain-specialists, and this effort works effectively in the Indian context. Further, this seemingly tough strategy, also comes with the productive need of following the best practices in Industry 4.0 regime with the backing from Education 4.0 platform.

The navigation of budding engineers and technocrats in India is streaming noiselessly to evolve a roadmap with cherishable goals of becoming technology-readiness experts, enabled by the unrestrained and diligent timely efforts and strategies taken up by the academia-research centre-industry interface.

I wish the Institution all the best and complement heartily on the excellent interaction.



From Left to Right: Dr.V R Manjunath, Principal, Sir MVIT, Dr. Seetharamu Subramanyam, Director (Retd.CPRI), Dr.Sandhya Suswaram, HOD, MBA, Dr. Harisha B S, Assistant Professor, MBA

## ECO CAMPUS



VIEW OF NEW BLOCK



# *Kaleidoscope of Events*



## **“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 on 18th and 19th of October 2019. The winners of KALANJALI and VERVE from our college represent our college at VTU youth fest, “INSIGNIA” which is the inter-collegiate Cultural fest at the University level. The event witnessed participants of **around 700 students & footfall of 3000.**

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

### **CHIEF GUESTS POPULAR SANDALWOOD CINE STARS**



**RAGINI DWIVEDI**



**NIMIKA RATNAKAR**

















## FRESHER'S DAY- 2019

A new beginning and a fresh start for the beginners who love to learn & the whole world opens up.....

Fresher's day is a memorable day which every student eagerly awaits from the time of their admissions. Fresher's day was celebrated on 4th of August 2019 which is marked as one of the most memorable day in the life of every newly admitted student at SIR M. Visvesvaraya Institute of technology. The Chief Guest for the event was Dr. S.C.Sharma, Director of NAAC, Bangalore and the occasion was graced by the Office Bearers and Trustees of Sri KET. The event also saw the presence of a large number of Parents along with their newly admitted wards. The Chief Guest in his address touched upon various aspects of Technical education and gave a call to students to practice sincerity, hard work and good moral values. As a part of green initiative, all the parents were given a sapling.





## 21 DAYS - INDUCTION PROGRAM FOR NEWLY ADMITTED STUDENTS OF 2019 BATCH

AICTE approved 3 week induction program was organized for 1<sup>st</sup> year B.E. students as per VTU directives. This program included physical activity, creative arts, Universal Human Values, Lectures by eminent persons, visit to local area and familiarization to campus and departments, celebration of independence day etc.









## COLLEGE DAY

Annual College Day was held on 27/05/2019. The occasion witnessed the gracious presence of the Honourable Chief Guest Prof. H.P. Kincha, the honourable members of the Sri KET and the Principal who made the event a grand success. The prizes for the VTU Rank holders, semester toppers and achievers in VTU Level sports were distributed by the dignitaries.



## VERVE-2019

Sir MVIT's Annual Intra Collegiate Techno-Cultural fest, "**VERVE**" was held on 21<sup>st</sup> of September 2019. The event is organised with the intent to bring out the hidden talents of the students by providing them a platform to showcase the same. The winners of VERVE represent our college at KALANJALI 2019 which is the inter-collegiate Techno-Cultural fest. As a part of our tradition the event witnessed students in ethnic attire. The purpose of this tradition being portrayal of the significance of Indian culture.





## ALUMNI MEET – 2019

The college has a registered Alumni association under which various activities are organized. Annual Alumni meet is one such event, which was held on 27.05.2020. The event was attended by a large number of Alumni. Various activities were conducted as part of this event which included ice-breaker games, cultural programs, interaction with staff, sharing experiences, distribution of mementos followed by photo session. Few outstanding Alumni achievers were felicitated on this occasion.





## FAREWELL DAY

Farewell day was organized on 23.05.2019, together for the outgoing batch of final year students of B.E., M.Tech., MBA and MCA. The Graduation ceremony was also held on the same day. The program started with an invocation followed by the Principal, HODs and Class representatives lighting a diya in front of Goddess Saraswathi seeking her blessings. All the students were present in special graduation dress. The Principal advocated Convocation Oath to all the students. One student from each branch was allowed to share their expressions and nostalgic moments during their stay in the college. Department-wise Group photo session was arranged and the program ended with National Anthem.





## ಐಸಿರಿ-೨೦೨೦

‘ಹೊಂಗಿರಣ’ ಕನ್ನಡ ವೇದಿಕೆಯ ಅಡಿಯಲ್ಲಿ ಪ್ರತಿವರ್ಷವೂ ಆಚರಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವ ಕನ್ನಡ ಹಬ್ಬವೇ ‘ಐಸಿರಿ’

ಕನ್ನಡ ನಾಡು-ನುಡಿಯ ಪರಂಪರೆ ಹಾಗೂ ಮಹತ್ವದ ಬಗೆಗಿನ ಅರಿವನ್ನು ಮೂಡಿಸಲು ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹುದುಗಿರುವ ಪ್ರತಿಭೆಯನ್ನು ಹೊರತೆಗೆಯುವ ಉದ್ದೇಶಗಳಿಂದ ಹಮ್ಮಿಕೊಳ್ಳುವ ಈ ಹಬ್ಬವನ್ನು ಈ ವರ್ಷ ಅಂದರೆ ಮಾರ್ಚ್ 2020ರ 7ನೇ ದಿನಾಂಕದಂದು ನಡೆಸಲಾಯಿತು. ಕನ್ನಡದ ಪ್ರಖ್ಯಾತ ಹಾಸ್ಯ ಭಾಷಣಗಾರ್ತಿಯಾದ ಶ್ರೀಮತಿ ಸುಧಾ ಬರಗೂರುರವರು ಈ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಮುಖ್ಯ ಅತಿಥಿಗಳಾಗಿದ್ದರು. ತಮ್ಮ ಹಾಸ್ಯ ಶೈಲಿಯ ಮಾತಿನ ಮೂಲಕವೇ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕನ್ನಡ ಜಾಗೃತಿ ಮೂಡಿಸುವಲ್ಲಿ ಅವರು ಯಶಸ್ವಿಯಾದರು. ಈ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ನಮ್ಮ ಶಿಕ್ಷಣ ದತ್ತಿಯ ಉಪಾಧ್ಯಕ್ಷರಾದ ಶ್ರೀಯುತ ಕೆ.ವಿ. ಶೇಖರರಾಯ ಹಾಗೂ ಕಾರ್ಯದರ್ಶಿಗಳಾದ ಶ್ರೀಯುತ ಕೆ. ಶ್ಯಾಮರಾಜುರವರು ಉಪಸ್ಥಿತರಿದ್ದರು.

ಈ ಕನ್ನಡ ಹಬ್ಬದ ಅಂಗವಾಗಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವಿವಿಧ ರೀತಿಯ ಕನ್ನಡ ಸ್ಪರ್ಧೆಗಳನ್ನು ಏರ್ಪಡಿಸಿ ವಿಜೇತರಿಗೆ ಬಹುಮಾನಗಳನ್ನು ವಿತರಿಸಲಾಯಿತು. ಈ ಸಂದರ್ಭದಲ್ಲಿ ವಿದ್ಯಾಸಂಸ್ಥೆಯ ವಿದ್ಯಾರ್ಥಿ-ವಿದ್ಯಾರ್ಥಿನಿಯರು ಕನ್ನಡ ನಾಡು-ನುಡಿಯನ್ನು ಬಿಂಬಿಸುವ ಸಾಂಪ್ರದಾಯಿಕ ಉಡುಗೆ-ತೊಡುಗೆಗಳಲ್ಲಿ ಕಾಣಿಸಿಕೊಂಡದ್ದು, ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಹೆಚ್ಚಿನ ಮೆರುಗನ್ನು ತಂದುಕೊಟ್ಟಿತು.





## INTERNATIONAL YOGA DAY

International Yoga Day is celebrated every year on June 21 across the world. This year, Sir MVIT celebrated International yoga day-2019 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 Dr.Y.H. Rajesh.

All forms of exercise are important for the body. The right amount of it keeps us flexible, which reduces the joint pain and improves longevity



## CELEBRATION OF INDIAN CONSTITUTION DAY

Indian Constitution Day was celebrated on 26.11.2019. All the HODs, staff and students of about 2000 in number were made to assemble in the college quadrangle at 10.30 AM. The event was graced by the College Management represented by the Secretary, Sri. K. Syama Raju and Trustee, Sri Prabhakar Raju. In their presence, the Principal, Dr. V.R. Manjunath read out the preamble of the Indian constitution which was repeated by all the staff and students. After this event, all the HODs and staff of the college were taken to the e-shikshana hall where a live transmission of the parliament proceedings was viewed. About 200 staff members were present on this occasion.





# INTERNATIONAL CONFERENCE ON EVOLUTIONARY COMPUTING & MOBILE SUSTAINABLE NETWORKS

The International conference on "Evolutionary Computing and Mobile Sustainable Networks" ICECMNS-2020 was organized by the Department of MCA from 20–21 February'2020. The purpose of this conference was to provide the same benefits and learning experience to all the participants. The event comprised of sessions on different domains, key note addresses from eminent persons and opportunity to network with the researchers to help the participants immensely in their research career. In order to provide an outstanding technical level for the presentations at the conference, more than 30 distinguished experts were included in the Technical Programme Committee. The 2 day conference included a total of 07 sessions as well as the Awards presentation during the closing session at the last day of the conference.

It was a proud moment for the Department of MCA for its great initiative in organizing this conference which was sponsored by the CSI, Bangalore Chapter and Springer.





## 5 DAY NATIONAL SDP ON 3D PRINTING & RASPBERRY-PI

A 5 day national level student development programme on 3D printing and Raspberry Pi was jointly organized from 2-6 March'2020 by the department of ECE and ISTE Student Chapter in association with Xtrans solutions Pvt. Ltd., Advanced Electronic system and Invihub Techno-Solutions Pvt. Ltd.

The event was inaugurated by Dr. Suresh D.S., Chairman ISTE Karnataka Section. Dr. Sangappa S.B., National Executive council member was the Guest of Honour. Dr. A.C. Chandrashekar Raju, President, Sri KET presided over the function.





## ONE-DAY VTU CONSORTIUM TRAINING PROGRAMME ON “E-RESOURCES FOR ACADEMIC EXCELLENCE”

Sir M VIT Library organized one-Day VTU CONSORTIUM TRAINING PROGRAMME on “E-Resources for Academic Excellence” at Sir MVIT, in association with VTU consortium (a cluster level e-resource training program) on 5<sup>th</sup> September 2019



## FDP ON “APPLICATION & USE OF IOT, MACHINE LEARNING & ARTIFICIAL INTELLIGENCE”

Department of Electrical & Electronics Engineering in association with Harmonizer Solutions, Bangalore organized a Three day Faculty Development on “Application and Use of IOT, Machine Learning & Artificial Intelligence.



## 3 DAY SDP BY DEPARTMENT OF BIOTECHNOLOGY

ISTE Student chapter and The Department of Biotechnology Jointly organized A Three Day Student Development Programme (SDP) On “Clinical Research Data Management, Pharmacovigilance, Medical Writing and Medical Coding.





# *Extention Activities*



## INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

### SIR MVIT-ISTE CHAPTER

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. A total of 611 first semester students were given ISTE Student membership. ISTE, Sir MVIT Chapter-ISTE Organised 1 FDP and 2 SDP's during the year 2019-2020.

Ms Gagana T Reddy (1MV16EC038) receiving the "Best student of the chapter award 2019" for her overall performance and active involvement in ISTE chapter activities, at the 16<sup>th</sup> KARNATAKA STATE LEVEL STUDENT CONVENTION, held at K.S.I.T, Bangalore on 22<sup>nd</sup> FEBRUARY 2020.



## NATIONAL SERVICE SCHEME (NSS) AND YOUTH RED CROSS (YRC)

The National Service Scheme (NSS) and Youth Red Cross (YRC) of Sir MVIT organized several activities in the year 2019-2020, which included, Sapling Distribution to First Year students and parents during Fresher's Day on 5<sup>th</sup> August 2019, Government High School visit at Bettahalasur, Bangalore on 7<sup>th</sup> and 8<sup>th</sup> August 2019, a Visit to Rakum School for Blind as part of their induction programme on 9<sup>th</sup> August 2019, planting of Saplings by 1<sup>st</sup> year BE students during Student Induction Program on 10<sup>th</sup> August 2019 and active participation in Swacch MVIT Abhiyan Program as well.





## SAPLING DISTRIBUTION ON FRESHER'S DAY

Saplings being distributed by our college staff to parents of 1<sup>st</sup> year BE students during 05-08-2019.



## STUDENT INDUCTION PROGRAM – 2019

1<sup>st</sup> year BE students (I, J, K, L, sections) visited the Government high school at Bettahalasur on 07-08-2019 and 08-08-2019, interacted and shared their experience with school students.





## VISIT TO RAKUM SCHOOL FOR BLIND, ON 10-08-2019

Sir MVIT Students' visited Rakum School and actively participated in various activities, like observing Braille writing system which is used by the visually impaired, how to use the stick and practice walking and also practiced the same by closing their eyes. The students of Rakum School enthralled everyone with their lovely singing. Sri Rakum Gururji addressed the first year students. Dr. Krishnaiah (HOD of Chemistry) and Dr. Hariharan (HOD of Physics dept) handed over a cheque for 5000/- to Sri Rakum Gururji during the visit.



## STUDENT INDUCTION PROGRAM

Planting of Sapling at Sir MVIT Campus was actively carried out By 1<sup>st</sup> Year BE students along with their respective Department HOD's and Dr. V R Manjunath, Principal of Sir MVIT as apart of Student Induction Program held on 10-10-2019.







## SWACCH Sir MVIT CAMPUS Abhiyan

NSS and Youth Red Cross Units team along with 1<sup>st</sup> year BE student's, actively participated in Swacch MVIT Abhiyan Program organized on 08-08-2018, Around 450 students participated in the Event.





## DRUGS, TOBACCO AND AIDS AWARENESS PROGRAM

The 1<sup>st</sup> year students activity participated in the Drugs, Tobacco and AIDS awareness Program. during 14/08/2019. Dr. Nandish delivered a talk on consumption of alcohol tobacco & drugs and Dr. Gowthami P, delivered a talk on HIV.



## BLOOD DONATION CAMP

NSS unit and Youth Red Cross of Sir MVIT, organized a Blood Donation Camp on 18-09-2019 at New auditorium of Sir MVIT. A total of 357 units of blood were collected from blood banks of National institute of mental health & Neuro sciences, Bengaluru (99 units of blood), Sanjay Gandhi Institute of Trauma and Orthopaedics, Bengaluru (90 units of blood), Victoria hospital, BMC & R.I., Bengaluru. (85 units of blood) and Indira Gandhi Institute of Child Health, Bengaluru (83 units of blood). 69 male and 43 female volunteers were present at the event. Students actively participated in the Blood donation camp. Felicitation of Doctors was done by Sri Shyama Raju, Hon'ble Secretary, Sri KET, Sri Prabhakara Raju, Hon'ble Academic Chairman, Sri KET & Dr. V. R. Manjunath, Principal, Sir MVIT.







GLIMPSES OF BLOOD DONATION CAMP HELD ON 18-09-2019 AT NEW AUDITORIUM, SIR MVIT

## IEEE Student Branch



IEEE Student Branch of Sir MVIT with the Branch code STB35861 has been inaugurated on 2<sup>nd</sup> April 2019. IEEE student branch organised a 2 day programme on "Embedded IOT and its Applications". The Resource person for the programme was Mr. Abhinav Karn, Professor, and IEEE resource person, DSCE, Bangalore. The two day Session was focused on various topics Like, introduction to IOT, NODE MCU, the pin configurations of the ICS and sensor, basic Node MCU Programming etc. and included hands on sessions. The prizes for the winners of the competition were distributed by the chief guest.







## DEBSOC

**Debsoc**, the official Debate Society of Sir MVIT was started 7 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 conversations while helping those who want to express themselves more, do so.

### ACTIVITIES:

DEBSOC conducts Asian parliamentary and British Parliamentary debate sessions 2 to 3 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,\* Semifinalists at Manipal 2019,\* Adj Break at Manipal 2019,\* Adj breaks at SMVIT PD 2019,\* 3rd place at IIT Gandhinagar PD 2020,\* Best Adj at IIT Gandhinagar PD 2020

**Upcoming tournaments and activities:**\*DSNLU debate tournament 2020,Vizag \*NLS IV Asian PD 2020, Bangalore\*MSR Law Round Robin 2020, Bangalore, The debsoc is proud of all of its members, who put in time and effort to be the best at what they do and wish them the best for upcoming tournaments and all future endeavors.

## LEO

### **LEO: Let's Express Ourselves, A club with all hearts and open conversations**

Leo is the official public speaking club of Sir MVIT, Bengaluru, a place to voice opinions freely and speak minds on anything and everything. The club operates in English language, but this is only because we want people to be better at this global language. The main purpose of this club is to encourage expression and improve conversational skills. People try to know their true selves and learn to express in every way through this club.

#### **Activities**

- At LEO, we work not only towards improving a person as a speaker, but also towards improving their personality as a whole. We encourage open conversations and have brain storming sessions twice every week, in which we have discussions ranging from simple topics like childhood to heavy weight issues like politics. We try to keep the sessions inclined towards expression and grammar, which improves the conversational abilities of a member.
- LEO organise events like debate, group discussions, turncoat debate, air crash and JAM, which increase the improvisation abilities in a person and ensures that people become more creative with their ideas and thoughts.





## ABHIKALPANA

What started 7 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 under privileged areas. Our aim is to provide better education for the Children, and give them a better future. 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 is its children. We believe that using education as a tool, we can eradicate most of the troubles plaguing India's youth.

**SMILE:** It focuses on the specially-abled and orphan Children. In a month or so a group of volunteers visit orphanages or specially-abled Children and spend some valuable time with them. As the name suggests the main motive of this pillar is to bring 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 Children realizing that they walk barefoot every now and then.

### SMILE SESSIONS

- **SMILE SESSION 1:**

**Location :** Sri Rakum School for the Blind 64, 11th Cross Rd., Telecom Layout, Jakkur, Bengaluru-560 064, Karnataka

- **SMILE SESSION2:**

**Location:** Sparsha (orphanage), Sanjivini Nagar, Bengaluru,

- **SMILE SESSION 3**

**Location:** Home of Compassion (Orphanage), No 19 Dominic Savio Trust Building, Nagawara, Bangalore,

- **MEDICAL CAMP :** Medical Camp is the annual event conducted by Abhikalpana for the regular health check-up for children. The event is conducted in association with Sir MVIT.

- **Events: CLIMATE CHANGE CAMPAIGN:** On the first day of the campaign handmade posters and collage were displayed which were made by the volunteers and the NHI children on the notice board of various departments to spread awareness about the campaign.

- **Bag Distribution in Government School**

A session of Bag distribution was organized in the Government School in Sugatta. In the next session bags were distributed to the children. About 10 volunteers visited the school and distributed bags and pens to them.





## "SWACHH BHARAT & SAY NO TO PLASTICS" UNDER UNNAT BHARAT ABHIYAAN

SIR MVIT organized the programmes "Swachh Bharat & Say No to Plastics" under Unnat Bharat Abhiyaan on Nov 12, 2019 at Nagadasanahalli. The program was inaugurated by Mr. S.R. Vishwanath, MLA of Yelahanka Constituency. Dr. Manjula, Prof. & HOD of MCA and UBA coordinator welcomed all the members for this event. The gram Panchayat president Ms. Ramya, Jitendra-PDO and other senior members of the village were also present during this programme. Mr. S. R. Vishwanath expressed his happiness that he would support for all the activates of SIR MVIT. He motivated the students to take up several projects in the rural India.



## NATIONAL BOARD OF ACCREDITATION (NBA) AT SIR MVIT IN A NUTSHELL

Sir M. Visvesvaraya Institute of Technology is accredited by NBA thrice during 2006, 2009 and 2012. Various departments were accredited during the above said period.

In the Year 2019 we have again applied for Accreditation from NBA. The preliminary work was started in the Month of January and Dr. E. Kavitha, HOD, ETE, was made the Chief Coordinator and Dr. H.L. Suresh, HOD, EEE, the coordinator for NBA Processes in the Institution. The awareness program for all the faculty was given in the Month of January 2019 by Dr. K. Rajinikanth and Dr. H.S. Guruprasad. Later series of Programs were conducted for the Knowledge transfer to all the faculty. Later in May 2019 it is decided to apply for NBA for four departments initially. Biotechnology, Computer science and Engineering, Information Science and Engineering and Mechanical engineering departments were selected for the First phase of NBA application. The departments were given rigorous training and workshops for the compliance of the Process. After thorough preparation the application was submitted in the month of September 2019. After successful submission of prequalifiers and due approvals the Self-Assessment Report was submitted in the month of October.

## Computer Society of India- Sir MVIT Student Branch

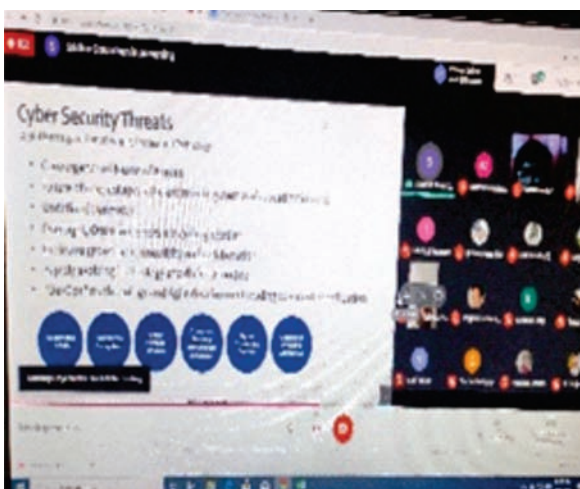
CSI Sir MVIT Student branch started at Sir MVIT, Bangalore during 2011-12. More than 500 students are registered under CSI- Sir MVIT, Bangalore chapter. Sir MVIT has organized many workshops, Seminars, Technical talks & Hands on events etc., on various Information Technology related topics for the benefit of undergraduate and postgraduate students.



Webinar on "Patent – Tips and Tricks" on July 4, 2020- Dr. Madhan Kumar Srinivasan, Associate Vice-President & Lead-Cloud Analytics, ICI Innovation Centre, Accenture, Bangalore



Seminar on "Devops" by Mr. Raghavendra M. Deshpande Devops Trainer, Global Quest Technologies, Bengaluru on 22<sup>nd</sup> November 2019



Webinar on "Cyber Security Skill- Industry Expectation and Job Market" on June 6, 2020. Mr. Sridhar Govardhan, Senior Director & Head of Information Security, Flipkart, Bangalore



# *Profile*

## *Department of Civil Engineering*



## 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 H P	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
Mrs. Bhavya S	B.E, M.E	Assistant Professor

### NON – TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. Sudharshana Reddy P	BCA, MCA	Asst. Instructor
Mr. Narasaraju K	I.T.I	Mechanic
Mr. Bhaskar R	SSLC	Attender
Mrs. Rohini M R	B.Sc., M.Sc	Lab Technician

### ADMINISTRATIVE

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. Srinivas V	B.B.M,P.G.D.B.A, D.C.A	Clerk
Mr. Govinda Raju	PUC	Attender



## DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering Department was started in 1986 with an intake of 60 students. Into its 35th year of existence, the department has an optimum blend of highly experienced and creative young staff. The department is known for its healthy student faculty interaction, an active student forum & faculty upgradation programmes. There are 11 Teaching Faculty & 6 Non-Teaching staff in the department. There are eight well equipped laboratories in the department namely:- Survey Lab, Engineering Geology Lab, CAD Lab, Hydraulics Lab, Geo Technical Engineering Lab, Environmental Engineering Lab, Concrete Lab and Highway Lab. These facilities can be used for academics, R&D and consultancy works.



### Faculty Achievements:

Dr. Ravi kumar H has received the best paper award in the "International Conference on Advances in Materials, Ceramics and Engineering Sciences-2020" held from 17th -18th January 2020 at DSCE, Bengaluru.

### Funded project received:

The project on "Removal of froth in lakes using a probe" guided by **Dr. Shivanna S.** and **Mrs. Vyshnavi D R** and with 8th semester students. Mr Ashish, Gowtham R Gowda, Mohammad Raihan, Niraj R was selected for sponsorship of Rs 6,500/- as part of 43<sup>rd</sup> series of Student Project Programme 2019-20 by KSCST, Karnataka.

### Performance in NPTEL/MOOC Courses:

**Mrs. Anitha Jayaraman** has successfully completed two NPTEL course.

**Mrs. Tamil Selvi N & Mrs. Ramya N** have successfully completed one NPTEL course.

### Guest Lectures Delivered by Department Faculty:

**Dr Shivanna S** was invited as a resource person for the Two Day FDP held at VTU, Belagavi during 12th and 13th July 2019; **Prof. K.V.R. Prasad** delivered a Guest Lecture on Fluid Mechanics for 3rd sem students (Civil) at Cambridge Institute of Technology Bangalore on 21-10-2019; **Prof. K.V.R. Prasad** and **Dr. Ravi Kumar. H** delivered Guest Lectures as part of five day FDP held at Rao Bahudur Y Mahabaleswarappa Engineering College, Bellary on 8th March 2020.

### Publications:

The faculty members of the department have published 4 papers in International journal, 4 papers in National Journal, 4 papers in International conference and 14 papers in National conference.

### SDP

The dept. has organized 1 guest lecture for V and VII semester students on 12th Nov 2019; 2 webinar for students on 10th and 19th May 2020; SDP on Covid -19 on 8th June 2020.

### Industrial visits

The dept. organized 5 industrial visits for students to places such as BMRCL-Whitefield, Chitravathi Dam, Water pumping station at Jakkalamadugu, Water Treatment Plant at Chikkaballapur and IISc-Bangalore among others.

## Student achievements

### 1) Securing Ranks and Gold medals in VTU exams.

**Ms. Sinchana R Nayak** bearing USN (1MV15CV052) has secured **8<sup>th</sup> rank in VTU** (with CGPA 9.12) in Civil Engineering. She also secured the **ULTRATECH ENDOWMENT GOLD MEDAL** for scoring the highest marks in the subject '**Concrete Technology**' in the University examinations. She received this medal from the Governor in the 19<sup>th</sup> Annual Convocation of VTU.

## Participation in Technical Events:

**Ms Akanksha, Shubham Shekhar Jha** and **Mr.Sangam Yadav** won first prize in BRIDGE FABRICATION event at Christ University as part of Magnovite Renaissance held during 28<sup>th</sup> and 29<sup>th</sup> February 2020.



A guest Lecture by Prof Anupam Saxena held on 12th Nov. 2019



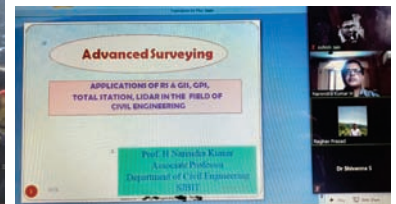
Students site visit to a multi-storeyed building at Sir MVIT on 22nd Sept 2019



Students site Visit to Water Treatment Plant near Chikkaballapur on 29th Feb 2020



Students site visit to the highway under construction in the campus on 22nd Jan 2020.



Webinar on Advanced Surveying by Prof H.Narendra Kumar held on 10<sup>th</sup> May 2020



Extensive survey project work at Ghati Subramanya by 6<sup>th</sup> sem students.

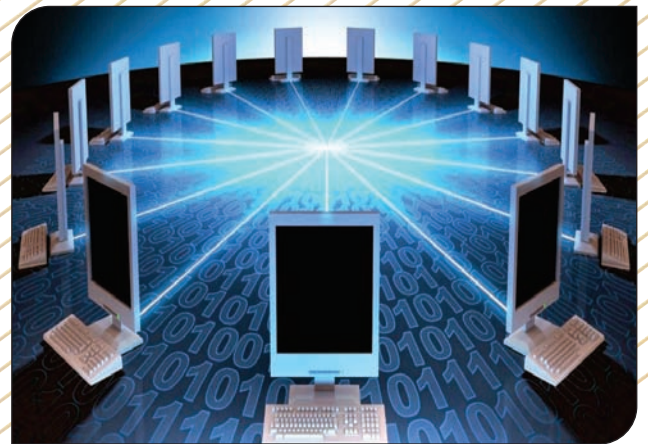


Visit to the international exhibition and conference held at Palace Grounds, Bangalore during 12<sup>th</sup> to 14<sup>th</sup> February 2020 by final year students.



# *Profile*

## *Department of Computer Science & Engineering*



## TEACHING STAFF

DESIGNATION	QUALIFICATIONS	DESIGNATION
Dr. G.C Bhanuprakash	M.S., Ph.D.	Professor & HOD
Dr. Suma Swamy	M.Tech., Ph.D.	Professor
Mr. Sreenivasa B C	M.S. (Ph.D.)	Associate Professor
Mrs. Pallavi R	M.Tech., (Ph.D.)	Associate Professor
Mrs. Rekha B N	M.Tech., (Ph.D.)	Associate Professor
Dr. Savitha Choudhary	M.Tech., Ph.D.	Associate Professor
Dr. Rashmi Amardeep	MS, Ph.D.	Associate Professor
Dr. Ajina A	M.E., Ph.D.	Asst. Professor
Mrs. Sushila Shidnal	M.Tech., (Ph.D.)	Asst. Professor
Mr. Elaiyaraja P	B.Tech	Asst. Professor
Mrs. Savitha P	B.E., M.Tech	Asst. Professor
Ms. K.P Mayuri	B.E., M.Tech	Asst. Professor
Mr. Ravi Kumar H R	B.E., M.Tech	Asst. Professor
Mrs. Mohamadi Ghousia Kousar	B.E., M.Tech	Asst. Professor
Ms. Dhivya V	B.Tech., M.Tech	Asst. Professor
Mrs. Supriya H S	B.E., M.Tech	Asst. Professor
Ms. Monika Rani H G	B.E., M.Tech	Asst. Professor
Mr. Suraj Kumar	B.E., M.Tech	Asst. Professor
Ms. Supriya	B.E., M.Tech	Asst. Professor
Ms. Hema Priya B. C.	B.E., M.Tech	Asst. Professor

## NON-TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mrs. Savithri R	Diploma in CSE	Asst. Instructor
Mrs. Nethravathi S	Diploma in CSE	Asst. Instructor
Mrs. Radhika R	M.Sc. (Ph.D)	Programmer
Mr. Sunil Kumar J.S	Diploma in ECE	Programmer
Mrs. Savithri C	B.Com	Clerk/ Typist
Mr. Venkata Raju K	SSLC (ITI)	Lab Attender



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of CSE started in the year 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 33 years. The department is built around 6 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 hierarchy which in turn is connected through a gateway and 200 Mbps dedicated link to Internet. The research lab also provides private 'Cloud' setup



**Dr. G.C. BHANUPRAKASH**  
HOD

for the entire institute to access virtual resources. The intellectual backbone of the department comprises of 20 well qualified and dedicated faculty members with teaching and industrial experience. Five faculty members possess Ph.D. qualification and practically the rest being at various stages of pursuing research leading to Ph.D. degree. The areas of research are not merely restricted to pure computer science domain but also cover application of computer science & IT in various inter departmental and socially relevant areas. The department is officially conferred recognition by VTU as its research center which resulted in more than 200 publications in Journals and international conferences. To its credit, the department has secured 10 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 startup companies. The department has received NBA accreditation three times during the years 2002, 2006 and 2011 and also ISO certification. It has also been accredited by couple of MNCs as their quality partners. To ensure continuous quality improvement, the department conducts various programs both for students as well as for the faculty members (viz. 70+ Student development programs, 12+ Faculty development programs, 50+ Curriculum development programs, 100+ Expert Talks) by inviting experts from external organizations.

### Staff Achievement:

1. **Mrs. Rashmi Amardeep** was awarded Ph.D from Sir Siddhartha Academy of Higher Education, Tumkur on 14th September 2019.
2. **Mrs. Ajina A** awarded Ph.D from VTU, Belagum on 08th February 2020.
3. **Mrs. Sheela Kathavate** awarded Ph.D from VTU, Belagum on 08th February 2020.
4. **Dr. Savita Choudhary** was awarded as a mentor in getting Visha Karma award.

### Publications

The faculty members of the department have published 11 papers in International journal and 7 papers in International conference.

### Workshops / FDP Attended

The faculty members of the dept attended 4 FDPs and 2 workshops held at various places.

### **Students Achievement:**

- 1) Vipul Gaurav, Susmith Agarwal, Thushar Sharma, Vishal V received Vishwa Karma award of Rs.50,000 at AICTE headquarters, Delhi and also won the 1st prize in water category by MHRD minister.
- 2) Swadi received "Ageis Graham Bell" award at New Delhi on 27th February 2020.
- 3) Swadi published a paper on "Deduction of Diseases in Leaf Images" Journal of Applied Science & Computation-June 2019.
- 4) Prakruthi M, Sarah Taranum K, Pragathi M I Presented a poster "FEMME" in a local conference conducted by Society of Women Engineers(SWE)-April 2019.
- 5) Swati Doranala and Shreya Sabu secured 8th rank and 10th rank respectively in VTU examinations.

### **Workshops/FDP/SDP conducted in the department:**

The Department organized 9 SDP on various technologies, 6 seminars, 2 workshops and "Two-Days NASA Space APP Challenge HACKATHON".

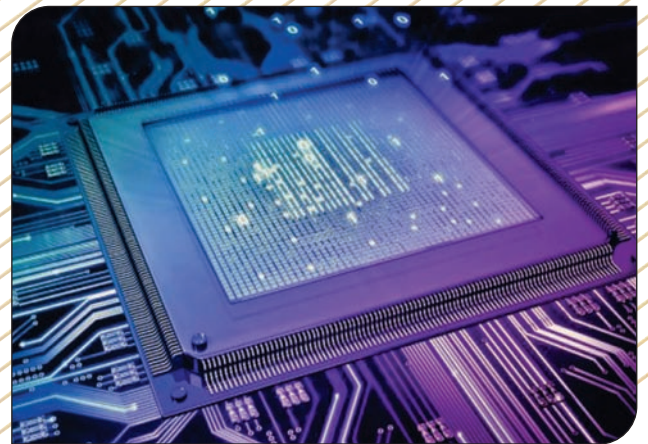


Mr. Katapally Sai Kiran (Local Lead of Space Apps Hyderabad, Founder and CEO of SUMVN).  
And Mr. Keshav Thiwari (Leading Manager, Sandmartin Consultant Pvt. Ltd.) are leading the HACKATHON



# *Profile*

## *Department of Electronics & Communication Engineering*



**TEACHING STAFF**

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Dr. R. Sundaraguru	M.E, Ph.D	Professor & HOD
Dr. V. G. Supriya	M,Tech , Ph.D	Professor
Dr. Sasmita Mohapatra	M,Tech , Ph.D	Associate 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 S	M.Tech	Associate Professor
Mr. G Shashibhushan	M.Tech, (Ph.D)	Assistant Professor
Mrs. Seema S	M.Tech, (Ph.D)	Assistant Professor
Mr. Naveen I G	M.Tech, (Ph.D)	Assistant Professor
Mrs. Soumya Nadgir	M.Tech, (Ph.D)	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, (Ph.D)	Assistant Professor
Mrs. Swetha L	M.Tech	Assistant Professor
Mrs. Rajeshwari K N	M.Tech, (Ph.D)	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**

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Mr. D. S. Manjunath	B.E	Instructor
Mr. Radhakrishna	D.E.C.E	Junior Instructor
Mr. S.H. Ashok	B.E	System Analyst
Mrs. R. Rekha	D.E.C.E	Junior Instructor
Mrs. Ragini B H	D.E.C.E	Junior Instructor
Mrs. K. Nethravathi	BSc	Clerk



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering has rich tradition in research and teaching over the term April 2019 – March 2020. The faculty of the department have authored 15 Research Publications in various reputed International Journals and presented 12 papers at International /National Conferences. Over the year, the department has successfully conducted, 5 Student Development Programs, 2 Industrial visits and more number of guest lectures through eminent persons.



### Faculty Achievements

- **Dr. R Sundaraguru** received a funding of Rs. 2 Lakhs from Power Health Technologies on the project titled 'Designing an IOT based Toolkit for Industrial Automation.'
- **Dr. V.G. Supriya & Dr. G. R. Kavitha** received a funding of Rs. 2.1 Lakhs from Viswa Jothi Technologies Pvt. Ltd. on the project titled "Unique Biometric Identification System for Multiple Application"; They also received a funding of Rs. 2 Lakhs from CBK Infotech India Pvt. Ltd. on the project titled "Parking Automation of a Large Facility Like Residential Block, Shopping Mall, College Campus".
- **Dr R Sundaraguru**, Professor and Head, has completed 3 NPTEL courses during March-April 2019.

### Publications:

The faculty members of the department have published 10 papers in International journal, 2 papers in International conference and presented / published 7 papers in National conference.

### SDP / Workshops - Conducted in the Department

Organized one '5-day National Workshop', 3 Technical seminars and 3 workshops for students and faculties.

### Industrial Visit

1 Industrial visit to RAMAN RESEARCH INSTITUTE, Bengaluru for 5th sem students; 1 industrial visit to EMMVEE Photovoltaic Power Pvt. Ltd – Bengaluru for 3rd sem students.

### Student Achievements:

- **Gagana T. Reddy** of 8th semester has been awarded as the "Best student of ISTE Chapter -2019" in 16th Karnataka State level ISTE Student Convention held at KSIT, Bengaluru for her overall performance and active involvement in ISTE chapter activities
- **Vinaya M, Santhosh S, Neethu. P, S Lakshmi Priyanka** have been awarded with **Best paper** for their paper presented in the 1st international Conference on Emerging Trends in Engineering, Innovative Science & Management (ICETEISM-I2019) on 18TH MAY 2019. Further, it is published in the International Journal of 'ENGG & SCIENCE RESEARCH' (E-ISSN-2685,P-ISSN 2320-9763) later.
- **Amrita Sharma, Harini Suresh, Monisha S** have won Best paper award in the 3-Day National Conference on ECE (NCEC-19) organized by IEEE-DSCE Student's Branch & IEEE Women Engineering in May 2019.

- **Malladi Naga subhash, Rishabh Raj, P.Rakshith** (4th Semester) have won the third prize in the State level Mini Project Exhibition sponsored by ISTE & Aberame organized by Department of CSE of Sri Venkateshwara College of Engineering, Sept 2019.
- **Santhosh S, Vinayaupadhy**a have won second prize under the category of idea presentation at the national seminar on "Innovations in Science & Engineering jointly organized by SIR MVIT & NATIONAL ACADEMY OF SCIENCES,(NASI) Bangalore on 25th to 28 th Feb 2019.
- **Rahul Haridas,Rishabh Raj & Malladi Naga Subhash** participated in HACKATHON organised by Department of Information Science & Engineering in association with Value Pitch E-Technologies on 23rd of Mar 2019.
- **Durvesula Revanth** has participated in the "**Design Thinking & Intellectual Property**"workshop held at VMCC, IIT Bombay March 13-16-2019.
- **Malladi Naga Subash** team (4th Semester) won the first prize in Creat-a-Thon competition conducted by EEE department, Dayananda Sagar College of Engineering, Bangalore, Oct-2019.
- **Malladi Naga Subash** team (4th Semester) won the first prize in Makethon contest conducted by Sri Eshwar College of Engineering, Coimbatore, Nov 2019.
- **Cherry Agarwal** of 6th semester, ECE has completed NPTEL course and received certificate; **Mr. Mohammed Sabha** of 4th semester M. TECH (Electronics) has completed NPTEL course and received **Golden Certificate** with a consolidated score of 90% in March 2019.

### Sports Achievements:

Sureen- Final year student has represented VTU at

- All India Inter-university soft ball tournament held at Nanded Maharashtra.
- All India inter-university cricket tournament held at Shimoga, Karnataka.
- All India inter-university baseball tournament held at Kurukshetra University, Haryana.
- He is also a winner in Zonal soft ball tournaments & cricket tournaments. He represented India in 3rd UPM International baseball tournament held at Malaysia and won Gold medal.
- Siddharth- Final year student was a winner in shooting contest and won Man of the Match award in Malleshwaram Cup event; a MVP of CMRIT cup event.
- Trupthi Shetty-6th sem student won silver medal in Judo at VTU inter zonal tournament held at SJGIT, Chikkaballapur; bronze medalist in Taekwondo tournament at VTU inter zonal tournament held at GAT, Bangalore.



IBM 29-02-2020 IEEE\_IOT



ISTE-Best Student Award SDP- March 2 to 6 2020



# *Profile*

## *Department of Information Science & Engineering*



## TEACHING FACULTY

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Dr. P. Vijayakarthish	M.E., Ph.D	Professor & Head
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
Mr. Vijayakumara Y.M.	M.Tech	Assistant Professor
Mr. Byregowda B.K	M.Tech	Assistant Professor
Mrs. Suguna M K	M.E	Assistant Professor
Mrs. Shanta H Biradar	M.Tech (Ph.D)	Assistant Professor
Mr. Manohar R.	M.Tech (Ph.D)	Assistant Professor

## NON -TEACHING FACULTY

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Mr. Sridhar.V	B.E.,	System Administrator
Mr. Ramesh. K	B.E.,	Lab Technician
Mrs. Niveditha. A	MCA	Programmer
Mr. Peethambaram. N	M.A	Clerk
Mr. T. Ramesh	-	Peon



Kiruthika Dinesh winner of Women hackathon event organized by facebook



Mr.Deep Narayan and Mr.Abhi Chourasiah won 500 U.S Dollars cash award from Angel Hack 2019, USA



## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

The Department of Information Science and Engineering started its 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 5 Ph.D Research scholars. Our department hosts several National Level Conferences, Workshop, Seminars, Guest Lectures, Alumni Lectures, Faculty Development Programme (FDP), Student Development Programmes (SDP), Hackathons periodically.



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. Our Department maintains active research groups for carrying out collaborative and inter disciplinary 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, Cisco Societe Generale. More than 10 Percentage of students who are passing out every year are doing their Masters in foreign Universities.

### List of Technical Activities Conducted by the Department

The Department has organised one workshop and 2 seminars for students and faculties.



Workshop on High Performance Computing



IBM Training Programme on Leading with Mindset



Workshop on Angular Java script



IBM Training Programme on campus to Corporate

### Faculty Achievements

- 1) **Dr. P.Vijayakarthish** has received funded Project of Rupees 2 lakhs from power Health Technologies, Bangalore; has delivered a Guest Lecture at St. Joseph's College of Engineering OMR, Chennai, Tamilnadu on 24-7-2019; has published two papers in Scopus indexed International Journals.
- 2) **Dr. Vanipriya C.H.** received funding for Rs. 1 Lakh from Value Pitch Technologies, Mumbai.

### FDP Attended

The faculty members of the department have attended 2 FDPs.

### Achievements by the students

1. **Ms. Ritika Pandey** has secured University second Rank with CGPA of 8.94 and **Mr. Sai Rathnam P. R** has secured University Sixth Rank with CGPA of 8.83.
2. **Mr. Deep Narayan** and **Mr. Abhi Chaurasia** from 3<sup>rd</sup> year attended Angelhack Hackthon program on 8-6-2019 at CoWrksv Purva premiere, Residency road Bengaluru-560 025 won a prize of \$ 500.
3. **Ms. Shalini R** and **Ms. Megha S Kencha Reddy** from 4<sup>th</sup> year have published a paper in an International Journal-IJARBEST.
4. **Ms. Sanjana Cholaraju** and **Ms. N. Chandana** from 4<sup>th</sup> year have published a paper in International Journal-IJARBEST.

### Best Innovation Projects Nominated to VTU

1. 'Efficient eye blink detection for disabled assisting system for paralyzed' by Mr. Aswin G, Ms. Bhuvana B.A., Ms. Pooja Shanbogh, Mr. Girish Sagar.
2. 'Accident Recovery System with Communication Portal' by Ms. Sayanthika Banik and Ms. Navya Bhat.



# *Profile*

## *Department of Mechanical Engineering*



## TEACHING STAFF

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Dr. K S SHANMUKHARADHYA	Ph.D.	Professor & HOD
Dr. V SHANTHA	B.E, M.Sc (Eng.), Ph.D.	Professor
Dr. RAJENDRAKUMAR G PATIL	B.E(Mech), MTech(PDM), Ph.D.	Professor
Dr. G BALAKUMAR	B.E, M.E, Ph.D.	Associate Professor
Mr. K S MANOHARAN	B.E, M.Tech	Associate Professor
Mr. K EJAZ AHMED	B.E, M.Tech	Associate Professor
Mr. HALESH S B	B.E, M.Tech	Associate Professor
Mr. B M NAGESH	B.E, M.Sc (Eng.)	Associate Professor
Mr. JANARDHANA K	B.E, M.Tech	Associate Professor
Mr. MAHABOOB BASHA D	B.E, (M.E), M.Tech	Associate Professor
Dr. KIRAN KUMAR M	B.E, M.Tech, PhD	Assistant Professor
Dr. PRASHANT S H	B.E, M.Tech (CIM), Ph.D.	Assistant Professor
Dr. HANAMANTRAYGOUDA M B	B.E, M.Tech (Design Eng.), Ph.D.	Assistant Professor
Mr. RAMESH C GULEDAGUDDA	B.E, M.Tech (Product Design & Manufacturing), (Ph.D.)	Assistant Professor
Mr. PRASHANTH L	B.E, M.Tech (Product Design & Manufacturing), (Ph.D.)	Assistant Professor
Mr. SHIVAKUMAR S	B.E, M.Tech, (Ph.D.)	Assistant Professor
Mr. CHETHAN D	B.E, M.Tech, (Ph.D.)	Assistant Professor
Mr. M NATARAJ	B.E, M.Tech (Machine Design), (Ph.D.)	Assistant Professor
Mr. B CHANDRASHEKAR	B.E, M.Tech (Thermal), (Ph.D.)	Assistant Professor
Mr. YESHVANTHA H S	B.E, M.Tech (PDM), (Ph.D.)	Assistant Professor
Mr. KUMAR SWAMY R	B.E, M.Tech	Assistant Professor
Mr. SAMPATH KUMAR L	B.E, M.Tech, (Ph.D.)	Assistant Professor
Mr. MADHU KUMAR K	B.E, M.Tech, (Ph.D.)	Assistant Professor
Mrs. VEENA B G	B.E, M.Tech	Assistant Professor
Mr. KARTHIK M	B.E, M.Tech	Assistant Professor
Mrs. ASHA RANI A	B.E, M.Tech	Assistant Professor

## NON-TEACHING TEACHING STAFF:

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Mrs. CHANDRAKALA R	MA Economics	Clerk-cum-Typist
Mr. DEVARAJA	Diploma	Jr. Instructor
Mr. MURALI B	ITI	Mechanic
Mr. GIRIDHAR K	ITI	Mechanic
Mr. RAJA D	ITI	Mechanic
M. LOKESH T	ITI & NAC	Mechanic
Mr. SUDHAKAR RAJU K	SSLC	Lab-Attender
Mr. RAJANNA S	SSLC	Lab-Attender
Mr. SUBBARAJU N C	SSLC	Lab-Attender
Mr. BHASKAR N	SSLC	Helper



## DEPARTMENT OF MECHANICAL ENGINEERING

The Department has witnessed significant improvements during 2019 in terms of students' academic achievements in final year, including VTU ranks; one GOLD medal in Industrial Engineering and Management (IEM) and 3rd rank in Mechanical Engineering. Students participated in various competitions held at National and International level on challenging innovative projects and have won various laurels. To name few, the Amphibious Drone "The GANNET" has won the First Place during Aero India show February 2019 with a cash prize of Rs. 2 Lakh and DRDO innovation award of Rs 5 Lakh, during September 2019. While another team by name INFERNO's prototype car sent a strong message to the society on the importance of using clean fuels and renewable energy sources in eco-marathon competition held in Bengaluru during December 2019.



**Dr. K.S. Shanmukharadhy**  
HOD

Students have been regularly undergoing internship at various industries spread all over the country. Two of the students' projects on societal matters got sponsored by the Karnataka State Science and Technology. Conducted Student Development Programme on IC Engines and on Unmanned Aerial Vehicles (UAVs). Three candidates have successfully completed PhD during this academic year. Technicians were also trained on skill development programmes.

### Faculty achievements

- **PhD Award:** The faculty members namely **Dr. Hanamantrygouda. M. B, Dr. Prashant. S. H and Dr. Kiran Kumar. M** have been awarded PhD from VTU Belagavi.
- The faculty members of the department have published 5 papers in Scopus indexed journals.
- The faculty and students of the department visited the Hydro-Power Plant at Sakaleshpur on 12.07.2019.
- The department has organized two student development programmes (SDP):
  - 3 days SDP on Unmanned Aerial Vehicles, during 23-25, August 2019, in association with Aviocian Technologies Pvt Ltd, New Delhi.
  - 3 days SDP on IC engines, during 21-23, March 2019, in association with AJ Heuristics, Bengaluru.

### Outstanding Achievements of students :

- The student named **Anvitha** bearing the USN 1MV15IM003 bagged the 1st rank and also secured Gold medal in VTU exams.
- The student named **Shri Lekha K. P.** bearing the USN 1MV15ME089 bagged 3rd rank in VTU exams.
- **GANNET – The Amphibious UAV:** Shiva Varun Singh Rajput of Mechanical Engineering at 41st Directors' Conference, during 15-16, October 2019, DRDO Bhawan, New Delhi. Team "GANNET – The Amphibious UAV" was invited to exhibit the product on the occasion of Indian Navy Day during 3 - 5, December 2019. On the auspicious occasion, our Defense Minister,

Mr. Rajnath Singh visited the exhibition area and appreciated the work. The project Guide was Mr. Mahaboob Basha D, Associate Professor.

- **Team MARS :** Team 'MARS' won best design KART in "Student Kart Design Challenge" (SKDC) in the National event organized by ASME, at Hyderabad, during 6-9, August 2019. The project guide was Mr. Chethan D, Assistant Professor.
- **Electrifying the Future :** Team INFERNO's prototype car sent out a strong message on the importance of using clean fuels and renewable energy sources in an eco-marathon competition held in Bengaluru during December 2019. The project guide was Mr. K. Ejaz Ahmed, Associate Professor.



Auditions for Team Inferno



Interaction of Freshers with Alumni



LG Interaction with students



# *Profile*

## *Department of Electronics & Telecommunication Engineering*



## TEACHING FACULTY

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Dr. E. Kavitha	B.E., M.E., Ph.D	Professor and HOD
Mrs. Savita. A. Harkude	B.E., M.E.	Associate Professor
Mrs. M. Kalaiarasi	B.E., M.E.	Asst. Professor
Mr. Subhra Chakroborty	B.E., M. Tech.	Asst. Professor
Dr. Divyarani. M.S.	B.E., M. Tech. Ph.D	Asst. Professor
Mrs. SreeLakshmi T.	B.E., M. Tech.	Asst. Professor
Mrs. PadmaGayathri T K.	B.E., M. Tech.	Asst. Professor
Mr. Pradeep Kumar. S.	B.E., M. Tech.	Asst. Professor
Mrs. Sanjana C. Shekar	B.E., M. Tech.	Asst. Professor

## Non-Teaching Faculty

NAME OF THE STAFF	DESIGNATION
Mr. Ravi Kumar	Technician
Sri. K Thejashekar Gupta	Jr. Instructor
Sri. L Nagabhushan	Mechanic
Sri. Anantha Raju V.	Attender



Teleposium



## DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Department of Electronics and Telecommunication Engineering is offering technology oriented courses and creating manpower in the strategic areas well compatible with the industrial expectations. The department envisages the wide spectrum of areas including, Electronics circuits, Signal processing, Communication Technology, IOT, AI, Electronic Instrumentation and other applied areas focusing towards making brighter career path. The department aids to provide a value-based learning environment for producing engineers with a blend of technical skills, moral values and leadership qualities in the field of electronics and telecommunication engineering such as Electronic Devices and Circuits, Microprocessors and microcontrollers, Analog and Digital communication, Digital Signal and Image Processing, RF and Microwave, Mobile Communication and Wireless Networks.



**Dr. E. KAVITHA**  
HOD

Department is having well-equipped laboratories with computational facilities and latest equipment, along with software and hardware tools to cater to the needs of advanced communication technologies. The department has a good academic culture and conducive working environment for teaching learning and student activities. The faculties are well qualified, dedicated and experienced, with strong commitment to engineering education and excellence in teaching-learning process.

Department aspires the overall growth of students through various co-curricular and extra-curricular activities. Along with regular academics, students of the department are also exposed to evolving trends in technology through guest lectures, seminars and workshops from industry experts. To get aware of industry requirements, the Department organizes Industrial Training Industrial visits for students.

To provide an opportunity to apply theoretical concepts from the classroom to the realities of the field, students are encouraged to do internship in related industries. Students are motivated to organize and participate in various events such as industrial visits, technical paper presentation, project competition, personality development, and social activities in order to learn technical, organizational and managerial skills. The department has conducted 5 SDPs, 2 FDPs and several tech and pep talks during the last academic year.

### Staff News

- **Dr. E. Kavitha** is the Institute NBA Chief Coordinator; IETE executive committee elected member 2018-20, 2020-22; BOE member of ECE board (2018-19); Organized various FDPs and SDPs; Guiding Two Ph.D students in VTU; Reviewer in Elsevier, Springer, ACM journals; Technical Chair of Springer International Conference; Represented College in Unnath Bharath Abiyan Seminar Conducted at Chennai by AICTE; Institute NIRF Nodal Officer.

### Ph.D Awarded

**Dr. DivyaRani M.S** has been awarded Ph.D for the year 2019- 2020.

## Performance in NPTEL courses

- **Dr. Divya Rani M. S** Secured a Silver Medal in NPTEL Course and was listed in Elite category for another NPTEL course.
- **Mrs. T K Padma Gayathri** successfully completed two NPTEL course and secured a Silver Medal in one course and was in 'elite-category' for the other.
- **Mrs. T. Sreelakshmi** successfully completed two NPTEL course and secured a Silver Medal in one course and was in 'elite-category' for the other.

## Publications

The faculty members of the department have published 10 technical articles in International journal and presented 1 paper in International Scopus Indexed Springer Conference [ICECMSN].

## Workshops Conducted

The Department has organised one "3-Day TEQIP sponsored National Level FDP", 1 SDP, 1 guest lecture, 2 'Hands on training workshop', 1 technical seminar for students and faculties, 6 online webinars.

## Industrial Visits

The Department organised two industrial visit to places such as Akshayapatra Robotic kitchen and IISC, Bangalore.

## Students Achievements

- The students namely **Akansha Gaurav** and **Hitashi Nandan** secured 2nd Rank and 4th Rank respectively in VTU exams.



Hands on training on Python



Student Development Program



Fresher's Day

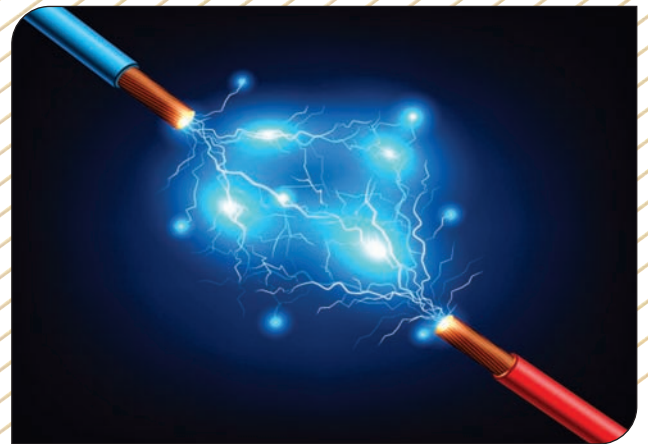


Technical Talk



# *Profile*

## *Department of Electrical & Electronics Engineering*



**TEACHING STAFF**

NAME OF THE STAFF	QUALIFICATION	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.,	Assoc. Professor
Dr.C.V.Mohan	M.E,Ph.D.,	Assoc. Professor
Mrs. D.Beula	M.E, (Ph.D.,)	Assoc. Professor
Dr. R.Subha	M.Tech,Ph.D.,	Assoc. Professor
Mr. R.Sivapriyan	M.Tech,(Ph.D.,)	Assoc. Professor
Dr. Nayana B.R.	M.Tech, Ph.D.,	Assoc. Professor
Mrs. Nanda M. Shivamoggi	M.Tech	Asst. Professor
Mrs. P.Sumalatha	M.Tech	Asst. Professor
Mrs. Rekha Radhakrishnan	M.S	Asst. Professor
Mr. Kumara Swamy R.	M.Tech	Asst. Professor
Mrs. Bindiya Tyagi	M.Sc (Engg)	Asst. Professor
Mrs. Anchal Chhabra	M.Tech	Asst. Professor
Mrs. Janki B. Borad	M.E	Asst. Professor
Mr. Nitin Kumar Reddy K.N.	M.Tech	Asst. Professor
Mrs.Vidyashree N.A.	M.Tech	Asst. Professor
Mrs. Reshma T.M.	M.Tech	Asst. Professor
Mr. Kiran B. V.	M.Tech	Asst. Professor
Mr. Bhaskar C.	M.Tech	Asst. Professor
Mrs. M. K. Vasanthi	M.E	Asst. Professor
Mr. M. R. Siddappaji	M.Tech, (Ph.D.,)	Asst. Professor
Ms. P. Jyothi	M.Tech	Asst. Professor

**NON-TEACHING STAFF**

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Mr. Krishnamurthy U. Rao	B.E	Instructor
Mr. Parandhama. S. H.	Diploma	Electrician
Mr. D.S. Suresh	Diploma	Electrician
Mr. Mahadeva Prasad K. B.	ITI	Technician
Mr. Chinnabba Raju. S	SSLC	Lab Attender
Mrs. Pramila B. M.	B.Sc	Clerk/Typist



## 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 specializations. The core competency of the department is mainly in the area of power system, power electronics and industrial drives, artificial intelligence and signal processing. In the department presently there are six faculties with Ph.D., and two faculties are pursuing their Ph.D. The department is a recognized R&D centre under Visvesvaraya Technological University (VTU) since 2002 and under this centre two staff have successfully obtained their Ph.D degree. The R&D centre has also successfully completed two major projects funded by CPRI and VTU worth of 8 lakhs and 4.4 lakhs respectively. The department has also signed an MOU with PRDC Pvt. Ltd., Bangalore and Prolific Systems and Technologies Pvt. Ltd., Bangalore.



The staff of the department constantly strive towards academic excellence by engaging in research and skill development programs. The students of department under the guidance of dedicated and motivated teams of faculty have consistently achieved excellent academic record. The students are encouraged to take up in-house projects leading to paper publications. Department always encourages students to be socially responsible engineers and contribute significantly to the development of mankind by providing and encouraging different learning process. The students of the department are also encouraged to take up MOOC & NPTEL courses and participate in cultural programs and sports for their all-round development.

### Department Highlights

- The department signed an **MOU with Prolific Systems and Technologies Pvt. Ltd.**
- The department signed an **MOU with Power Research and Development Consultants (PRDC) Pvt. Ltd.**
- **Dr. Mahesh K.G.** has authored a chapter in the book titled Theory and Applications of Mathematical Science Vol. 1.
- **Mrs. M. K. Vasanthi, Ms. P. Jyothi and Mr. M. R. Siddappaji** have joined the department as Assistant Professor

### Staff Achievements

- Dr. R. Subha and Mrs. Rekha Radhakrishnan successfully completed a NPTEL course conducted by IIT Kharagpur and secured First rank (Top 1%) and Fifteenth rank (Top 5%) respectively in the exam held in November 2019.

### Publications

The faculty members of the department have published 7 papers in International journal and 6 papers in International conference.

### Workshops/ Guest Lectures/ Student Development Programs conducted

- The dept has organised 2 SDPs and 3 FDPs for students and faculties respectively.

- The dept has organised 2 industrial visits to places such as '400KV Substation in Nelamanagala' and 'Schneider Technologies, Bangalore' for students.
- The dept has organised a two day National Technical Fest on "ELECTRO GREEN" on 30th and 31st August 2019; has observed National Energy Conservation day on 19th Dec 2019.

### Student Achievements

- **Ms. Akarapu Nikitha** and **Ms. Harini Chandramouli** have secured 4th and 5th rank respectively under VTU for the year 2018-19.
- **Mr. Rahul Urs** and **Ms. Deepti R.** have published one paper in International conference; **Ms. K Manisha Rao** and **Ms. Hari jyothi** have published a paper in 4th IEEE International Conference; **Ms. Kavyashri S N** and **Ms. Lekhana Kenchana** have published a paper in International Conference; **Ajay. K. V** and **Ashwath koorse** have published in International Conference.

### Placement

- **36% of the 2018-2019** batch students have been placed through campus interviews in companies like **Hotel soft India, L&T Infotech, Musigma, Accenture, Aricent, TATA Eleksi, Altran, KPIT, Robert Bosch, Infosys, Continental, cognizant, TCS** with a highest pay package of 5 lakhs per annum.

### Sports

- **Ms. Walusha Awnoory** of VI semester has won first place in Badminton at zonal level.
- **Ms. Nayanika Ranjan** of VIII semester has won silver medal in Taekwondo under 53 Kg.



Two day FDP on 'Hands-on Workshop on MATLAB SIMULINK and its Applications



Three day FDP on 'Application and Use of IoT, Machine Learning & Artificial Intelligence for Industries/Buildings'



National Energy Conservation Day



Industrial Visit of 3rd Semester students to Scheduler Technologies, Bangalore



# *Profile*

## *Department of Biotechnology*



## TEACHING STAFF

NAME	QUALIFICATION	DESIGNATION
Dr. H .G. Nagendra	M. Sc, Ph. D	PROF & HEAD
Dr. Chandrashekhara Naik	M. Sc, M. Phil, Ph. D	PROF.
Dr. Mrinalini Menon	M. Sc, Ph. D	ASSOC.PROF
Dr. Rajendra Singh C	M. Sc, M. Phil Ph. D	ASSOC.PROF
Dr. Priya Narayan	M. Sc, M.Phil, Ph. D	ASSOC.PROF
Mrs. A. Niveditha	ME, (Ph. D)	ASSOC.PROF
Dr. Jagadeesha Kumar.D	M. Sc, B.Ed, Ph.D	ASST.PROF
Dr. Sudevi Basu	M. Tech, Ph. D	ASST. PROF
Dr. Rashmi K V	M. Sc, Ph. D	ASST. PROF
Mr. Manjunath R	ME, (Ph. D)	ASST. PROF
Mrs. Halima R.	M. Tech, (Ph. D)	ASST. PROF
Mr. Ishwar Chandra	M. Tech, (Ph. D)	ASST. PROF

## NON-TEACHING STAFF

NAME	QUALIFICATION	DESIGNATION
Mr. Hariharan. P	M.Sc, (Ph.D)	INSTRUCTOR
Mr. Narasimha Murthy	DME	ASST.INSTRUCTOR
Mrs. Shery Mol. S. M	B.Sc, M.Sc	DEO
Mrs. Lashmi Priya. M. R	B.E	LAB INSTRUCTOR
Mr. Srinivasaiah	10TH	PEON



A talk by Dr. Nongthomba



A talk by Dr. Debashish Das



## DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology has moved forward in academic credentials, co-curricular and extracurricular activities in the year (April 2019 to March 2020). The last batch has secured 3 UG University Ranks. Funded projects worth more than 40 lakhs have been received from BRISTOL MYERS SQUIBB [USA], ICMR, DST-WOS (B), BIRAC and KSCT. 3 faculties have received their Ph.D degrees in this year. The faculty have authored papers in reputed journals and presented papers at conferences, attended and conducted workshops, FDPs and won laurels at NPTEL online certification programmes. The faculty has also been invited as resource persons to various colleges and Universities. Our students have participated in sports, conferences, seminars, workshops and have cleared NPTEL/MOOC courses. The Department has conducted around 11 workshops and SDPs, 13 guest lectures, 6 industrial visits and more than 35 webinars during COVID -19 lockdown.



**Dr. H.G. NAGENDRA**  
HOD

### Outstanding Faculty Achievements

#### Ph.D AWARDED

**Dr. JAGADEESHA KUMAR D.** and **Dr. SUDEVI BASU** were awarded Ph.D from VTU, Belagavi;  
**Dr. RASHMI K V** was awarded Ph.D from NITTE, Mangaluru

#### FUNDED PROJECTS RECEIVED

- 1) **Dr. H G NAGENDRA** and **Dr. PRIYA NARAYAN** from BRISTOL MYERS SQUIBB [USA] for project titled "In Vitro and Ex Vivo Pharmacological Studies of Caesalpinia bonducella Extract", for the period 2019 - 2020
- 2) **Dr. H G NAGENDRA** and **Dr. JAGADEESHA KUMAR D** from ICMR for project titled "Computational Strategies to Investigate the Therapeutic Potentials of Snake Venom Toxins for Specific Neuro-Degenerative Disorders", for the period 2019 – 2022.
- 3) **Dr. H G NAGENDRA** and **Ms. ASHWATHY DAS** "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" submitted under PACE (AIR) scheme of BIRAC for the period 2019-2020.
- 4) **Dr. H G NAGENDRA** and **Dr. MANU CHAYA** from DST-WOS (B) for the period 2019-2021.
- 5) **Dr. H G NAGENDRA** and **MR. SRINIVAS B V** from KSCST for project titled "Extraction of High Value Bioactive Components like 1-DNH, GABA, Chlorophyll etc from Abundantly Available Silkworm Litter", in the year 2020
- 6) **Dr. JAGADEESH KUMAR D** from KSCST for project titled "A Study to Evaluate the Relationship of Toxic Metals in Drinking Water and Air that Influence the Progression of Type 2 Diabetes Mellitus (T2DM)", in the year 2020.
- 7) **Dr. SUDEVI BASU** from KSCST for project titled "Application of Diatomite Particles in Sequencing Batch Reactor for Treating Domestic Wastewater for Reusable Purpose" in the year 2020.

## Outstanding Performance of Faculty in NPTEL/MOOC Courses

- 1) **Dr. MRINALINI MENON** secured 'Elite + Gold, Top 1% Topper' in one course; secured 'Elite+ Silver' in two other courses; secured 'Elite' in one more course.
- 2) **Dr. SUDEVI BASU** secured 'Elite + Gold, Top 1% Topper' in two courses; also secured 'Elite+ Silver' in one more course.
- 3) **Dr. RASHMI K V** secured 'Elite + Gold, Top 1% Topper' in one course.
- 4) **Mrs. HALIMA R** secured 'Elite + Silver' in one course.

## Publications of Staff And Students of the Department

The faculty members of the department have published 11 papers in International journal; 3 papers in National Journal; presented 1 paper and 4 posters in International conference; presented 3 papers in National conference.

## Outstanding Student Achievements

The students named **Sonali S Naik**, **Pooja H V** and **Bhavana Nagaraja** secured **2nd rank**, **5th rank** and **9th rank** respectively in VTU exam

## Co-Curricular Achievements

- o **Preksha and Yashika** of 8th Semester have won the 2nd prize of Rs.25000 for Anveshana Science and Engineering Fair, Bangalore, 25th to 27th February, 2020.
- o **Preksha and Yashika** of 7th Semester have won the 2nd prize for poster presentation at the All India conference on "Advances in Plan Biotechnology- 2020" Prof. A. R. Mehta Memorial Lecture Award: ARMOUR-1, at Dayananda Sagar College of Engineering, 28th January, 2020.
- o **Darshini, Jiss Gigi, Yeshaswini, Ayan and Abhishek** of 4th Semester have won the 4th prize of Rs.15000 for Anveshana Science and Engineering Fair, Bangalore, 25th to 27th February, 2020.
- o **Rahul Macharaja** of 7th Semester has won the 2nd Runner up and received prize of Rs 10000/- of the public speaking competition at VIT, Vellore, 6th December 2019
- o **Disha Muralidhar, Shivam Pandit, Nishita Das, Anvitha Nayak, Harshini T** of 5th semester students bagged second position at the BMS Institute of Technology on 30th March 2019.
- o **Vrushabh C** of 4th Semester is a member of college cricket team and they were the winners of VTU Inter Collegiate North Zone Cricket Tournament organized by VTU - March 2019.



A talk by Dr. Vivek Babu



CCAMP, NCBS, Bangalore



# *Profile*

## *Department of Master of Business Administration*



## TEACHING STAFF

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Dr. Sandhya Suswaram	MBA, MPhil, PhD, MSc, PGIR, PGGC, DLL, CEP (IISc)	Professor & HOD
Dr. G. Srinivasa	MBA, PhD	Associate Professor
Dr. Harisha B S	MBA, PhD	Assistant Professor
Dr. Lakshmi H	MBA, PhD	Assistant Professor
Mrs. Tania Thomas	MBA(Ph.D)	Assistant Professor
Mrs. Deepthi J R	MBA	Assistant Professor
Mrs. Srilakshmi Venkata Rao	MBA	Assistant Professor
Mrs. Ashwini Anand	MBA	Assistant Professor
Mr. Kiran S	MBA	Assistant Professor
Mr. Karthik S V	MBA	Assistant Professor
Mr. Mahesh N	MBA	Assistant Professor

## NON-TEACHING STAFF

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Sri. Narayana Raju	BA	Clerk cum Typist



Mr. Neschay, Mr. Sathyaprasad participation in IIM-Ahmedabad



Industrial Visit organised for 3rd Sem students to Emmvee on 04-09-2019



## DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

The department of management studies was established in the year 2001 with an objective of creating high quality professional managers to meet the industry demands. The department is a recognized research centre of VTU. The aim of the department is to develop individuals holistically to acquire the essential managerial skills and talents that equip them to handle the challenging responsibilities in the dynamic corporate scenario.

The faculty members of MBA carry industry and academic experiences. The department goes beyond teaching the syllabus, the classroom sessions are made lively with teaching pedagogies where students are taught through specially designed Orientation Programs, Case Discussions, Debates, Business Quiz, Seminars, role

play and management games etc which form a vital part of the co-curricular activities. In order to foster the holistic development of students, the various department forums conduct regular student activities to enrich the knowledge and skills required for each specialization.



### Faculty Achievements:

- From the MBA VTU Research centre under the guidance of **Dr. Sandhya S.**, 2 Research Scholars- **Dr. Harisha B S** & **Dr. Lakshmi H** have successfully completed PhD viva-voce VTU, Belagavi (2019).
- **Dr. Sandhya S** completed the International certified career coach program from MINDLER.

### Book Publication:

- **Dr. Sandhya S** and **Dr. Harisha B.S** authored a Book titled '**Fundamentals of Management**' published by ILS Publications ISBN-9405634699, 2019.

### Faculty invited as Resource Person:

- **Dr. Sandhya S**, Professor & HOD was invited as a resource person for:
  - o MDP on "CORPORATE ETIQUETTE" at Global Medical Systems.
  - o Workshop on Case analysis at Sri Venkateshwara College of Engineering.
  - o National level FDP on 'CASE STUDY ANALYSIS IN TEACHING' at St. Teresa's Degree College for Women.
  - o Guest lecture for an SDP on "EMPLOYEE MOTIVATION" at SJBIT College.
- **Dr.G. Srinivasa**, Associate Professor was invited as :External Moderator for the Conference at Presidency College .

### Department Highlights

- **Dr. Sandhya S** completed the online workshop on Universal Human Values conducted by AICTE.
- The Faculties of the department have Published 3 papers in International journal and 1 paper in National journal; Presented 6 papers in International conference and 3 papers in National Conference.
- The Faculties of the department have attended 4 FDP's & 2 workshops.

- The Department has conducted 2 Seminars, 3 Workshop and one Student Development Activity for the students.
- 2 Industrial visit was undertaken for the 1st Sem & 3rd Sem students to the reputed organizations- Hindustan Coco Cola, Emvee.
- The department conducted 10 Webinars and 3 online SDP during COVID-19 lockdown period.

### Student Achievements :

- **Mr. C.M. Srinivas** has represented the College Soft ball and Cricket Team at the VTU Tournament, and won as runner up in Zonal' s and Inter zonal' s competition held over entire Karnataka.
- **Mr. Sathya Prasad B R, Mr.Neschay S Kumar**, took part in various programmes organized by "THE RED BRICK SUMMIT" at IIM Ahmedabad from 29th September to 2nd October 2019.
- **Mr. Sathya Prasad B R**, took part in the "Campus Ambassador" competition as part of the Agnitraya' 19, organized at IIM Kashipur from 10th October to 10th November 2019.



Pre-Placement Training programme conducted by Prof. S.H. Khan for 1st Sem students on 05-11-2019



Digital Marketing workshop conducted for 3rd Sem on 07.11.2019



Presentation Skills seminar conducted by Mr.Sridhar Vedula on 09-11-2019



Business Competition-Idea Generation  
1st sem held on 14-11-2019



Principal Talk held for 1st sem held on 20.11.2019



# *Profile*

## *Department of Master of Computer Applications*



## TEACHING STAFF:

Name of the Staff	Qualification	Designation
Dr. MANJULA SANJAY KOTI	MCA, M.Phil, Ph.D.	PROF. & HOD
Ms. LAKSHMI K.	MCA, M.Phil	ASSO. PROF.
Ms. SUJATHA ANAND	MCA, M.Phil	ASSO. PROF.
Ms. LATHA R.	MCA, M.Phil	ASSO. PROF.
Mr. MUTHURAMALINGAM B.	MCA, M.Tech	ASST. PROF.
Ms. VANI HARAVE	MCA, M.Phil	ASST. PROF.
Mr. RAGHAVENDRA RAO B G	MCA	ASST. PROF.
Mr. VASANTHA S	MCA	ASST. PROF.
Ms. SNEHA BHARTI	MCA	ASST. PROF.
Ms. KOMALA R	MCA	ASST. PROF.

## NON-TEACHING STAFF:

NAME OF THE STAFF	QUALIFICATION	DESIGNATION
Ms. ASHWINI	MCA	PROGRAMMER
Ms. NIVEDITA	MCA	PROGRAMMER



ICECMSN 2020



SPD on Advanced Python Programming and Application Framework



## 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 working 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 helps in training students and faculty on latest cutting edge technologies and to pursue Research and Development activities, CSI sponsored International Conference on Evolutionary Computing and Mobile Sustainable Networks(ICECMSN 2020), February 20-21, 2020 was organized.



**Dr. MANJULA SANJAY KOTI**  
HOD

The faculties of the department are pursuing research in the areas of Data Mining, Cloud Computing. The faculties and students have publications in reputed International Journals and Conferences. The students take active participation in inter-collegiate and intra-collegiate events and have won prizes.

The department organizes number of workshops, seminars and expert talks by inviting reputed experts from industry and academia. With regard to the placement, the department is performing 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.

### **FACULTY ACHIEVEMENTS:**

#### **Dr. Manjula Sanjay Koti**

- Received Funded research project of Rupees Two Lakhs for UBA Project from IIT, Delhi during June 2019.
- Organised-Springer International Conference on Evolutionary Computing and Mobile Sustainable Networks held on Feb 20-21, 2020 at SIR MVIT.
- Received Awards - Appreciation from NPTEL for being an Active SPOC for the year 2019.

### **Faculty Publications:**

The faculty members of the department have published 4 papers in International journal and presented 1 paper in National conference.

### **International Conference:**

CSI sponsored International Conference on “**Evolutionary Computing and Mobile Sustainable Networks**” (ICECMSN 2020), February 20-21, 2020 was organized.

### **Events Conducted:**

1. The department of MCA had organized PGCET coaching classes for BCA, B.Sc & B.com students on 8th to 11th July 2019.

2. 3 days Student Development Program on Advanced Python Programming and Application Framework was organized on 25<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup> September 2019 for 3<sup>rd</sup> and 5<sup>th</sup> semester students. Mr. Kishore Kumar S, Data Engineer from Data Weave, Bengaluru and Mr. R.G. Venkatesh Prasad, Solution Architect from Akamai Technologies, Bengaluru were the resource persons.
3. SDP on Programming Skills was conducted on 11<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> November 2019. Mr. Raamaa G. Srinivas, Technology Consultant from RICHMAN & FREELAND was the resource person.
4. Mr.Raghavendra M.Deshpande, DevopsTrainer, Global Quest Technologies, Bengaluru,gave a seminar on DevOps on 22<sup>nd</sup> November 2019. Mr. Rajendra Kulkarni, soft skill mentor shared the importance of soft skills in the industry.
5. Expert talk on Career Ventures was organized on Dec-21-2019. Resource persons: Mr. Chetankumar. G. Shetty, Technical Director, IGS India (P) Ltd; Mr. Sreehari, Sports Data Analyst, Desmotec and Mr. Shriyas, Computer Networks Engineer, Politecnico Di Torino.
6. PTM was organized in the department on 28<sup>th</sup> December 2019. The parents interacted with HOD and respective local guardians of their wards.
7. The Dept conducted 6 Webinars, 1 online FDP and 1 Online SDP during COVID-19 Lockdown period.

### Student Achievements:

- 1) **Rachana. G** of third semester MCA won first place in logo completion held by Women-in-Tech a club of Sir MVIT on 9th November 2019.
- 2) **N.S. Akshay Bharadwaj, Muthuramalingam B**, published paper in International Research Journal of Engineering and Technology (IRJET) during 2019.
- 3) Students have enrolled for online certification courses during COVID-19 lockdown period and have completed the courses successfully.



SPD on Programming Skills



Seminar on DevOps



# *Profile*

## *Department of Basic Sciences*

*Chemistry Physics*

*Maths*



## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### DEPARTMENT OF CHEMISTRY

The Department of Chemistry was established in the year 1986. Dr. G.M. Krishnaiah is heading the department since 2001. Over the years department has evolved in to a team of five well qualified, experienced and dedicated faculty members. They have a very good teacher-student interaction which ensures good academic performance of the students in the first year B.E programs. The faculty members are engaged in active research and have published research articles in reputed SCOPUS and SCI journals of Elsevier, Taylor & Francis and Springer Nature with high Clarivate Analytics impact factors. The staff members have authored text books on Engineering Chemistry. The department of Chemistry is a recognized R & D Centre under VTU, Belagavi from 2011-12. The department has maintained good academic results both in theory and lab. Dr. G. M. Krishnaiah has been awarded the Best Professor in Chemistry by Dewang Mehta National Education awards, Bharath Jyothi Puraskar by best citizen publishing house in 2017 and Glory of India (Gold Medalist) 2018 by best citizen publishing house.



#### Faculty Achievements:

- **G.K. Prashanth** has been awarded Ph. D in Chemistry by Bharathiar University in Nov. 2019.
- **Dr. G.M. Krishnaiah and Dr. G.K. Prashanth** have authored a text book titled Engineering Chemistry for I year B.E students as per the new VTU syllabus (ISBN: 978-81-94068-71-6, Newrays Publishing House).
- **Dr. G.K. Prashanth, Dr. G.M. Krishnaiah and H. M. Sathyananda** have published one paper in SCOPUS indexed international journal.
- **Dr. Anima Upadhyay** has published one paper in an international journal.
- **Dr. G. M. Krishnaiah** has served as the member of Board of Studies (BOS) in Basic Sciences, Ph.D. Registration Expert Committee (PREC) and Chairman of Board of Examiners (BOE) for VTU, Belagavi.
- **Dr. G. M. Krishnaiah** has been nominated as the BOS member in Chemistry at SSIT, Tumakuru; as a member of Departmental Advisory Committee and Academic Advisory committee at Dr. T. Thimmaiah Institute of Technology, KGF.

#### TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
<b>Dr. G. M. KRISHNAIAH</b>	B.Sc, M. Sc., Ph. D	Professor & HOD
<b>Mr. H. M. SATHYANANDA</b>	B.Sc, M. Sc., M. Phil., (Ph. D)	Assistant Professor
<b>Dr. G. K. PRASHANTH</b>	B.Sc, M. Sc., M. Phil., Ph. D	Assistant Professor
<b>Dr. ANIMA UPADHYAY</b>	B.Sc, M. Sc., Ph. D	Assistant Professor
<b>Mr. M. MUTTHURAJU</b>	B.Sc, M. Sc.	Assistant Professor

#### NON-TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. G.R. SHIVAKUMAR	B. Sc.	Demonstrator
Mr. K. RAMESH KUMAR	SSLC	Lab attender



## 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 for 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 lab to offer practical training as per the academic requirements of VTU. The department is recognized as an R&D center under VTU Belagavi.

### Faculty Achievements:

- 1) **Dr. Hariharan. N, Sasikumar. N, Purnimaa S Dixit** have published 1 paper in an International Journal.
- 2) **Dr. Hariharan. N** Chaired the sessions during the One day VTU Consortium Training Programme on "E-Resources for Academic Excellence" held at Sir MVIT during 5th September 2019.
- 3) **Mr. Dileep M S** has successfully completed his Ph.D viva voce under VTU; Three of his papers are accepted for publications in International journal; He presented 1 paper in an International conference held at Belagavi.
- 4) The faculties of the department have attended 2 FDP's & workshops held in Bangalore.
- 5) The faculties of the department held Physics Lab-Sessions for Middle school students of Hunasamaranahalli during Student Induction programme Phase-II.

### DEPARTMENT OF PHYSICS & HUMANITIES TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
<b>Dr. HARIHARAN N</b>	M. Sc, Ph. D	Associate Professor & HOD
<b>Mr. SASIKUMAR N</b>	M. Sc, MBA (Ph. D)	Assistant Professor
<b>Mrs. PURNIMAA SASIKUMAR DIXIT</b>	M. Sc, (Ph. D)	Assistant Professor
<b>Dr. DILEEP M S</b>	M. Sc, Ph. D	Assistant Professor
<b>Mr. PRASHANTHA B B</b>	B. Com, L. L. M	Assistant Professor
<b>Ms. SHAHNAAZ BEGUM</b>	M. A	Assistant Professor

### NON-TEACHING STAFF

NAME OF THE STAFF	QUALIFICATIONS	DESIGNATION
Mr. KUPPARAJU	SSLC	Peon
Mr. MUNIRAJU	SSLC	Lab Assistant

## DEPARTMENT OF MATHEMATICS

The Department of Mathematics established in the year 1986 and currently headed by Dr. S.K. Uma. Over the years department has evolved into a team of eight 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.



**Dr. S.K. Uma**  
HOD

### Faculty Achievements:

- 1) **Dr. S. K. Uma** received a funded project of Rs. 2.5 lakh from INSA for the project titled 'TITHICINTĀMANI OF GANEŚA DAIVAJÑĀ – Translation and Mathematical Analysis'; published a paper in an International journal; attended a 3-day FDP on 'student Induction programme' held at Cambridge IT, Bangalore in June-2019; She was the jury member and chaired a session for National conference held at SJBIT on 4-May-2019; Was the member of organizing committee for One day VTU Consortium Training Programme on 'E Resources for Academic Excellence' held at Sir MVIT in Sept 2019.
- 2) **Dr. Gangadhariah Y. H** has published 4 papers in International scopus journals; has published one paper in an International conference and presented 2 papers in International Conference; has authored 3 books on 'Engineering Mathematics-2', 'Engineering Mathematics-4' & 'Mathematical Modelling & Engineering Problem Solving'; attended 3 FDP's.
- 3) **Ms. Chaya T.Y.** has presented two papers in National Conference held in Bangalore; has published one paper in an International Journal.

### DEPARTMENT OF MATHEMATICS TEACHING STAFF

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



# *Profile*

## *Training & Placement Cell*

**Campus**  
Placement



## STAFF OF TRAINING AND PLACEMENT CELL

NAME	DESIGNATION
PROF. S. H. KHAN	Director (Training & Placement )
H. BASAVARAJA	Assistant Instructor
SHIVA KUMAR. S	Office Assistant

## List of companies visited for campus recruitment during the academic year 2019-20

Sl. No	Name of the Company	Sl. No	Name of the Company
1	ACCENTURE	17	MINDTREE
2	ALTRAN	18	MOON RAFT
3	AMAZON.COM	19	MUSIGMA
4	ARYAKA	20	PATH PARTNER
5	COGNIZENT	21	PEGA SYSTEMS
6	COGNIZENT POOL(2)	22	RDC CONCRETE
7	DANSKEIT	23	SOCIETE GENETRAL
8	DXC TECHNOLOGY	24	TARGET
9	ERNST & YOUNG	25	TATA ELXSI
10	FIS GLOBAL	26	TCS
11	HEALTH ASSYST	27	TEMENOS
12	IBM Pool	28	TEMENOS POOL (2)
13	INFOSYS	29	THENCE UX CONSULTING
14	INTEVA	30	VEE TECHNOLOGIES
15	KPIT	31	VEONEER
16	MICROFOCUS	32	WIPRO TECHNOLOGY





## TRAINING AND PLACEMENT CELL

The Training & Placement Cell of Sir MVIT is fully established, well equipped and very effectively engaged in grooming/shaping the career of the students by inviting top companies to college and preparing the students in all needed soft skills. The holistic development of the personality, inculcating the tempo of professionalism, bridging the gap between academic learning & expectations of the company and thus to keep the students employable at all the times had always been the mission of T&P Cell of Sir MVIT.

The T&P Cell of Sir MVIT is headed by Prof. S. H. KHAN-Director- a very experienced HRD professional and Expert soft skill Trainer with 35+ years of vast quality experience on HRD related activities. The entire soft skill Training to our students is imparted/inculcated by Director: Training and placement himself through 7 phased Training module created by DIRECTOR himself. The placement Scenario of the college is extremely good. Currently 591 offers have been issued to our students by 32 top companies; Around 88% of students across the branches have been placed till date despite CORONA crisis and subsequent lock down scenario.



**Prof. S.H. KHAN**

M Sc, MBA, DHRM, ADIM,  
PGDPM & IR  
DIRECTOR: Training and  
placement

### Unique Achievements of Current year Placement

1. ACCENTURE picked 250 students across all branches of Engineering along with MCA students.
2. The highest package offered so far by few companies are: **MICRO FOCUS** (Rs. 11,50,000/- per annum), **TARGET corporation** (Rs. 11,20,000/- per annum), **DANSKE IT** (Rs. 11,00,000/- per annum) and **TEMENOS** (Rs. 6,16,000/- per annum).
3. The 97% of CSE students, 91% of ISE students and 97% of E&C students have been placed till date.
4. More than 80% of the students of non-circuit branches (Electrical & Electronics, Mechanical Engg.) were placed till date.

### Brief Statistics on Placement:

- 32 companies visited the campus as on 15th March 2020.
- 42 companies were planned to visit the campus as on 15th April 2020. But 10 companies could not visit the campus due to Corona lock down.
- Total number of eligible students who appeared in campus drive were 501.
- Total numbers of offers issued were 591.
- Total number of students placed were 439.
- Number of students holding multiple offers were 152.
- The average placement percentage was 88%.

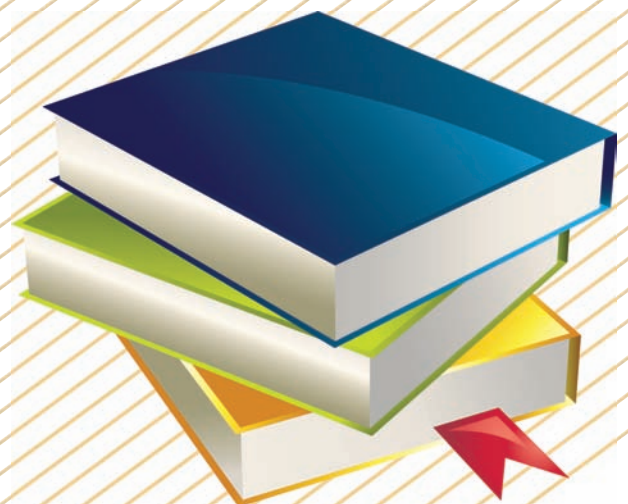
## OUR RECRUITERS





# *Profile*

## *Library and Information Centre*



Sl. No	Name of the Staff	Designation
1	<b>Mr. Ravish P.Y.</b>	Librarian
2	<b>Mr. Ramaiah</b>	Clerk
3	<b>Ms. V.B. Uma Devi</b>	Clerk /Typist
4	<b>Mr. M. Balachandra Raju</b>	Helper
5	<b>Mr. K. Parthasarathi</b>	Attender

### Library Facilities:

- ✓ SC & ST. Book Bank facility
- ✓ Incentives facility
- ✓ Internet facility
- ✓ Departmental Library facility
- ✓ Hostel library facility
- ✓ Digital Library facility
- ✓ WEB OPAC facility (<http://192.168.4.32/opac/login.aspx>)
- ✓ Reprographic
- ✓ Scanning facility & Printing facility
- ✓ Inter Library Loan facility (DELNET)
- ✓ Institution membership with CMTI, NAL, British Council
- ✓ A separate library web portal facility to access e-journals, e-books, e-NEWS papers, Old Question papers, National Digital Library (NDL), NPTEL Videos. <https://smvitb.new.knimbus.com>





## LIBRARY AND INFORMATION CENTRE

Library and information centre is centrally located in an independent spacious block, with an area of 1400.8 sqm. Spread over two floors. Total seating capacity is 300 student at a time. The library is having a collection of 65,941 volumes. The collection includes reference works such as Dictionaries, Encyclopedias, Hand Books and Standards. The library has a stock of 1955 CDs/ DVDs of books and Technical Periodicals and other audio-visual (NPTL) resources. The library works between 8-45 a.m to 9.00 p.m. The library is fully computerized with A WEB - enabled library software which facilitates within and outside campus. The Software has a facility for Bar-coding for inventory and circulation control. In addition, through the library web portal, links have been provided to some of the science, engineering and technology websites. Books for the competitive examinations like GATE, GMAT, GRE etc., are available. Library follows the Open Access System encouraging the user to browse freely in the stack area.

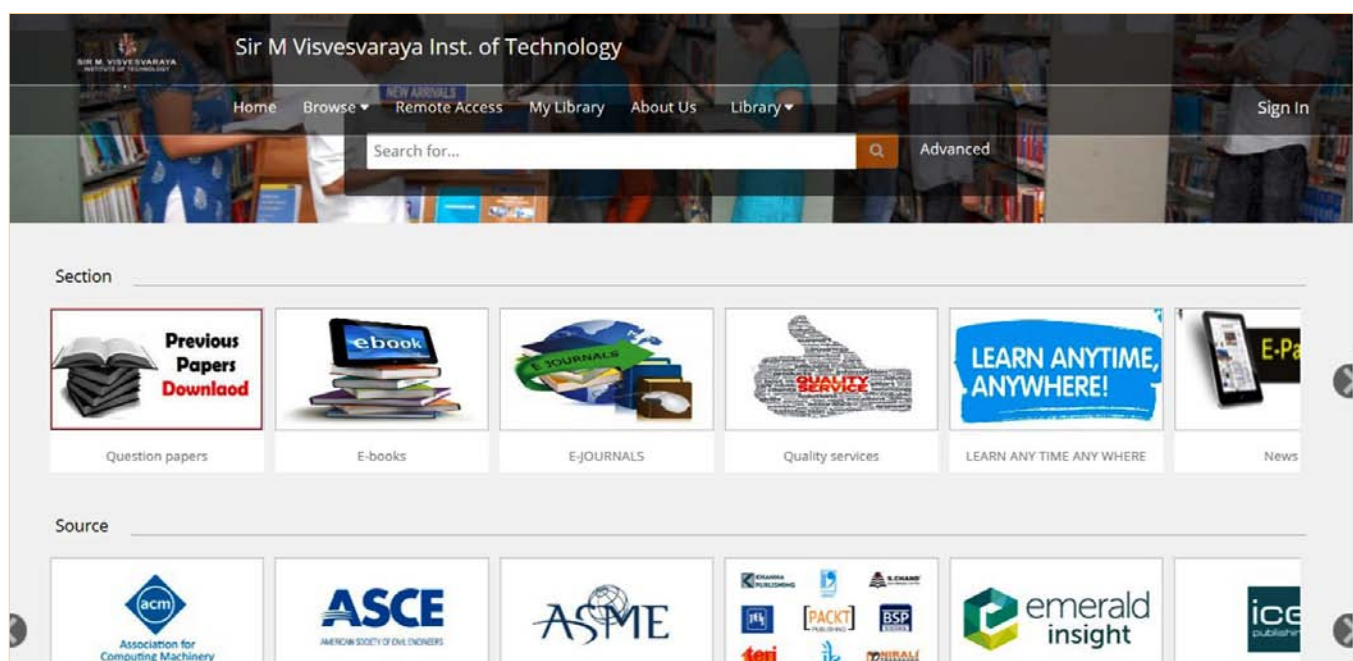


### Library Staff:

Library has a dedicated team of people 6 people.

### The Library is pleased to announce the launching of the additional Services

**Library web portal: A Tool for Web-enabled Information Services :** In the modern digital information environment, a well-defined mechanism is needed to organize, store, and access information. A library portal is highly beneficial for this as well as for web-enabled information services. We are subscribing e-resources through VTU Consortium. The utility of these e-resources will be limited in the absence of a functional website that facilitates the users to exploit these to the maximum extent. Web portals are the tools that enhance the access to the e-resources by providing visibility to these. Hence we have created a separate web portal to access e-resources. Through





<https://smvitb.new.knimbus.com> this link student can access e-journals, e-books, e-papers, old Question papers, National Digital Library (NDL), NPTEL Videos.

**Web OPAC (Online Public Access Catalogue) :** The Library is pleased to announce the launching of the additional features to its Library Online Catalogue (WEBOPAC), which are Online Renewal, and Hold Request allows users to search all the materials (such as Books, Journals, Magazines, Digital material etc.) available in the library collection. Only Library Members can access <http://192.168.4.32/opac/login.aspx> Web OPAC by using their User ID and Password.

## Advantages

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Sir M Visveswaraya Institute of Technology  
Hunasamaranahalli, Bangalore-562157.

Online Public Access Catalogue (OPAC)

**Sir M VIT LIBRARY AND INFORMATION CENTRE**

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**Sign In**

Member ID

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\* This site is best viewed in 1024 X 768 Pixels screen resolution in the Internet Explorer 6.0 and above.

**LIBRARY GENERAL INFORMATION:**  
Sir M VIT Library and information centre is in the heart of the campus with independent building of 1400.8 sqm with full automated, having total seating capacity of 300 students at a time. It has a document collection of 66,456 volumes of reference books, textbooks, project reports, seminars, proceedings, back volumes of technical journals and non-book materials

**Objectives:**  
To assemble, preserve and administer, in organized collections, books and related educational, historical and recreational materials in order to promote knowledge, enlightened citizenship and the enrichment of personal lives.

- To meet changing expectations.
- To recognize the different needs of our users.
- To develop and manage information resources.
- To make our services easy to use, intuitive and coherent.
- To improve the speed and quality of the resource discovery process.
- To assist users in making the most of the information they discover.
- To improve our physical and online learning environments.
- To reduce barriers, bureaucracy and conflict.
- To work with users in order to 'get things right'.

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# *Profile*

## *Department of Physical Education*



## DEPARTMENT OF PHYSICAL EDUCATION & SPORTS



**Dr. Y. H. RAJESH**  
M.P.Ed., M.A., M.Phil, Ph.D  
Physical Education Director

Students have regularly participated 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 are appointed for Football, Volleyball, Cricket, Basketball, Judo, Wrestling, Handball, Softball, Taekwondo and Hockey teams.



**Mr. SREENIVASA PRABHU BK**  
M.P.Ed., PGD Yoga  
Asst. Physical Education  
Director

### Sports Facilities

#### OUTDOOR SPORTS FACILITIES

1. Cricket Field (75 Yards)
2. Foot Ball Field (100 yards x 75 yards)
3. Athletic Track (400 Meter. 8 Lanes Track) (179 x120 meter)
4. Basket Ball Court (Cement) (32.80 meter length 19.10 meter width) (28 x 15 meter)
5. Tennis Court (Clay) (41.80 meter length 20 meter width) (23.80 x11 meter)
6. Ball Badminton Courts-2 Nos. (29 meter length 38 meter width)
7. Volley Ball Courts - 2 Nos. (28 meter length 36 meter width)(9 x 8 meter)
8. Kho-Kho Court-1No (30 meter length 18 meter width)(29 x16 meter)
9. Kabaddi court - 1 No (28 meter length 13 meter width)(13 x10 meter)

#### INDOOR SPORTS FACILITIES

1. **Badminton Courts** – 2 Nos. (One cement and one synthetic court) 36.30 meter length 10.80 meter width) (13x6.10 meter)
2. **Multi-Purpose Indoor stadium** : (38 meter length, 11.80 meter width) Yoga, Aerobics, Table Tennis, Chess, Carrom, Judo, Taekwondo and Wrestling.

#### GYMNASIUM FACILITY: (27.50 meter length 6 meter width)

1. 12 Station multi Gym.
2. Treadmill 2 Nos.
3. Cycle. 3 Nos.
4. Bike 1 No.
5. Dumbbell & Plate Set.
6. Weight lifting set 2 Nos.
7. Bench Press 2 Nos.



**LADIES HOSTEL SPORTS FACILITIES:**

1. Badminton Courts – 2 Nos. (19.30 meter length 15.30 meter width)(13x6.10 meter)
2. Table Tennis Table – 3 Nos. (20 meter length 10 meter width)
3. Chess & Carom Room. (15 feet length 11 feet width)
4. 8 Station multi Gym
5. Volley Ball court- 1 No, (25 meter length, 14 meter width).

**The following students have won the medals in VTU Inter-collegiate competitions in individual events for the year 2019-20.**

JUDO Medalist					
SI No	Name	Sem & Branch	USN	Weight	Place
1	Trupthi V Shetty	5th ECE	1MV17EC117	44	Silver
2	Rajeshwari Gupta	3rd TE	1MV18TE030	48	Silver
3	Pratheesha	5th BT	1MV17BT018	52	Silver
4	Priyanka S	7th ME	1MV16ME068	57	Gold
5	Sahana B T	5th BT	1MV17BT023	63	Silver
6	Jasmine Karam	3rd CSE	1MV18CS037	70	Gold
7	Nafisa	7th CSE	1MV15CS065	78	Bronze
8	Vishal Thakur	3rd CSE	1MV18CS124	73	Bronze

WRESTLING MEDALIST					
SI No	Name	Sem & Branch	USN	Weight	Place
1	Rajeshwari Gupta	3rd TE	1MV18TE030	50	Silver
2	Priyanka S	7th ME	1MV16ME068	55	Gold
3	Sahana B T	5th BT	1MV17BT023	57	Bronze
4	Jasmine Karam	3rd CSE	1MV18CS037	65	Gold
5	Nafisa	7th CSE	1MV15CS065	72	Gold
6	Jyotsna P	1st CSE	D 37	76	Bronze
7	Vishal Thakur	3rd CSE	1MV18CS124	70	Bronze

## TAEKWONDO MEDALIST

SL No	Name	Sem & Branch	USN	Weight	Place
1	Trupthi V Shetty	5th ECE	1MV17EC117	44	Bronze
2	Nayanika Ranjan	7th EEE	1MV16EE059	53	Silver
3	Jasmine Karam	3rd CSE	1MV18CS037	65	Gold
4	Nafisa	7th CSE	1MV15CS065	69	Silver
5	Yashovardhan M Sinha	1st EEE	EEMQ06	90	Bronze

## SWIMMING

SL No	Name	Sem & Branch	USN	Weight	Place
1	Samiksha S Satpute	3rd ISE	1MV18IS049	B. Stroke	2 Bronze

## BADMINTON

1	Navomi Vinod	7th BT	1MV16BT020	Winners	
2	Wallusha	5th EEE	1MV17EE096		

## All India Inter /South Zone University Participated Players 2019-20.

SI No	Name	Game	Sem/ Branch	Organisation	Venue
1	Puneeth S	Net Ball (M)	2nd ME	Calicut University	Kerala
2	Jasmine Karam	Taekwondo (W)	4th CS	Punjab university	Punjab
3	Ravikumar S K	Tug of War (M)	8th ME	Kalinga Institute of Science, Bhubaneswar.	Odisha
4	Muhammed Affed	Tug of War (M)	8th ME		
5	Shalini Bansal	Hand Ball (W)	8th ME	University of Calicut	Kerala
6	Rohan Poonaccha	Hockey (M)	8th ME	Bengaluru Central University.	Karnataka
7	Nafisa	Wrestling (W)	8th CS	Ch. Bansi Lal University, Bhivani.	Haryana
8	Priyanka S	Wrestling (W)	8th ME		
9	Jasmine Karam	Wrestling (W)	4th CS		





Prize winners of Judo women team



Prize winners of Wrestling





Prize winners of Basket ball



Prize winners of women Wrestling



# *Literature & Articles*



## ಕನ್ನಡ ವಿಭಾಗ

ಡಾ. ವಿ.ಆರ್. ಮಂಜುನಾಥ್

ಪ್ರಾಂಶುಪಾಲರು, ಸರ್ ಎಂ.ವಿ.ಐ.ಐ.

## ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

**ಕ**

ಣ್ಣಿಗೆ ಕಾಣದ

ಮಳೆ, ಗಾಳಿ, ಬಿಸಿಲನ್ನು ಲೆಕ್ಕಿಸದೆ

ನಿಶ್ಯಬ್ದವಾಗಿ ಜಗತ್ತಿನಾದ್ಯಂತ ಹಬ್ಬಿದ ನಿನ್ನ ಭಲ

ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಮಸೀದಿ, ಮಂದಿರ, ಚರ್ಚ್‌ಗಳ ತಂಟೆಗೆ ಹೋದರೆ  
ಸರಕಾರವೇ ಬೀಳುತ್ತಿತ್ತು. ರಕ್ತದ ಕೋಡಿ ಹರಿಯುತ್ತಿತ್ತು.  
ಒಂದು ಮಾತನಾಡದೆ, ಅವುಗಳನ್ನು ಮುಚ್ಚಿಸಿ  
ದೇವರು ಎಲ್ಲ ಕಡೆ ಇದ್ದಾನೆಂದು ತೋರಿಸಿದ ನಿನ್ನ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಎಲ್ಲಾ ಟಿವಿಗಳಲ್ಲಿ ಭಯ ಹುಟ್ಟಿಸುವ ಭವಿಷ್ಯಕಾರರನ್ನು  
ಮೂಲೆ ಗುಂಪು ಮಾಡಿದ ನಿನ್ನ ಚಾಣಾಕ್ಷತನಕ್ಕೆ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಒಂದು ತಿಂಗಳು ಮದ್ಯಪಾನ ಇಲ್ಲದೆ ಇರಬಹುದೆಂದು  
ತೋರಿಸಿಕೊಟ್ಟು ನಂತರ ಮುಜರಾಯಿ ತೀರ್ಥಕ್ಕಿಂತ  
ಅಬಕಾರಿ ತೀರ್ಥವೇ ಮೇಲೆಂದು ತಿಳಿಸಿದ ನಿನ್ನನ್ನು  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಅದ್ವೈತನಕ್ಕೆ ಕಡಿವಾಣ ಹಾಕಿ  
ಮದುವೆಗಳಿಗೆ 50 ಜನರನ್ನು ಮಾತ್ರ ಸೇರಿಸಿ  
ಸರಳವಾಗಿ, ಅರ್ಥಪೂರ್ಣವಾಗಿ ಮಾಡಬಹುದು  
ಎಂದು ತೋರಿಸಿಕೊಟ್ಟ ನಿನ್ನ ಪರಿಯನ್ನು ಎಲ್ಲರೂ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಸತ್ತರೆ ಯಾರೂ ಹಿಂದೆ ಬರಲ್ಲ ಅಂತ ತಿಳಿಸಿ  
ಅಂತ್ಯ ಸಂಸ್ಕಾರಕ್ಕೆ ನಿಜವಾದ ದುಃಖಿತಪ್ಪರು  
20 ಜನರು ಸಾಕು ಎಂದು ಅರ್ಥೈಸಿದ ನಿನ್ನ ರೀತಿಯನ್ನು  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಮಾಲ್, ಮಲ್ಟಿಪ್ಲೆಕ್ಸ್, ಪಬ್, ಕ್ಲಬ್ ಮುಚ್ಚಿ  
ಬಸ್, ರೈಲು, ವಿಮಾನಗಳಿಲ್ಲದೆ  
ಸಿನಿಮಾ ನಾಟಕ ಬಿಟ್ಟು ಮನರೆಯವರ ಜೊತೆಗೆ ಸುಖವಾಗಿ  
ಇರಬಹುದೆಂದು ತೋರಿಸಿಕೊಟ್ಟ ನಿನ್ನ ಪ್ರೀತಿ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಮಾರ್ಕ್ಸ್ ಪಡೆಯುವುದೇ ಜೀವನವಲ್ಲ  
ನಿಜವಾದ ಪಾಠಶಾಲೆ ಜೀವನಾನುಭವ  
ನಮ್ಮ ಅಂತರಾತ್ಮವೇ ನಿಜವಾದ ಪರೀಕ್ಷೆಯ ಕೊಠಡಿ  
ಎಂದು ತೋರಿಸಿದ ಚಾಣಾಕ್ಷನ ನೀತಿ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಊರು ಬಿಟ್ಟು ಎಲ್ಲೆಲ್ಲೋ ಹೋದವರನ್ನು ಮತ್ತೆ  
ಕರೆಯಿಸಿ ಹುಟ್ಟಿದ ಊರು, ಒಕ್ಕಲುತನ  
ಹೊಟ್ಟೆಗೆ ಅನ್ನ ಹಾಕುತ್ತೇವೆಂದು ತಿಳಿಸಿದ ನಿನ್ನ ಮಹಿಮೆ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಎಷ್ಟು ಆಸ್ತಿ, ಬಂಗಾರ ಇದ್ದರೂ ಆರೋಗ್ಯ ಮುಖ್ಯ  
ಬಡವ, ಶ್ರೀಮಂತ ಯಾರಾದರೂ ಪ್ರಾಣ ಮುಖ್ಯ  
ಎಂದು ಮತ್ತೊಮ್ಮೆ ತಿಳಿಸಿದ ನಿನ್ನನ್ನು  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ತಂತ್ರಜ್ಞಾನದಿಂದ ಎಲ್ಲಾ ಗ್ರಹಗಳನ್ನು ಸುತ್ತಿದರೂ  
ಮನುಷ್ಯ ವಿಜ್ಞಾನದಲ್ಲಿ ಎಷ್ಟೆ ಮುಂದುವರಿದರೂ  
ಕಾಲಕ್ಕೆ ಶರಣಾಗಬೇಕೆಂದು ತಿಳಿಸಿದ ಪರಿ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಅಣು ಬಾಂಬ್, ಯುದ್ಧ ವಿಮಾನ, ಟ್ಯಾಂಕರ್‌ಗಳು  
ಸಾವಿರ ಇದ್ದು, ಮುಂದುವರಿದ ದೇಶವೆಂದು  
ಮೆರೆಯುತ್ತಿದ್ದರೂ ಸಾಂಕ್ರಾಮಿಕ ರೋಗಕ್ಕೆ  
ಶರಣಾಗಬೇಕೆಂದು ತಿಳಿಸಿದ್ದು  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಸಸ್ಯಹಾರ ಶ್ರೇಷ್ಠ ಎಂದು ಹೇಳುತ್ತಾ  
ಪ್ರಕೃತಿಯನ್ನು ಕಾಪಾಡಿದರೆ ನಾವು ಉಳಿಯುತ್ತೇವೆ  
ಎಲ್ಲಾ ಧರ್ಮಗಳು ಪೋಳು, ನಿಜವಾದ ಧರ್ಮ ಮನುಜ  
ಧರ್ಮವೆಂದು ಹೇಳಿದ್ದು, ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಜಗತ್ತಿನ ಕಹಿ ಸತ್ಯಗಳನ್ನು  
ಬಿಡಿ, ಬಿಡಿಯಾಗಿ ತೋರಿಸಿಕೊಟ್ಟು  
ಸನ್ಮಾರ್ಗದ ನಡೆಯಿರೆಂದು ಹೇಳಿದ  
ನಿನ್ನ ಶಕ್ತಿ, ಯುಕ್ತಿಯ ಕೋವಿಡ್ ಗೀತ  
ಮೆಚ್ಚಲೇಬೇಕು ಕೋವಿಡ್

ಸಾಕಿನ್ನು ಮನುಷ್ಯ ಸುಸ್ತಾಗಿದ್ದಾನೆ,  
ಬಿಟ್ಟು ಬಿಡು ಬದುಕಿಲಿ..... ಇನ್ನಾದರೂ ಪಶ್ಚಾತ್ತಾಪದೊಂದಿಗೆ  
ಇಷ್ಟಕ್ಕೂ ಬುದ್ಧಿ ಬರಲಿಲ್ಲವೆಂದರೆ.....?  
ಭಗವಂತನ ಆಟ ಬಲ್ಲವರಾರು???



## ಬಂಧನ (ಬಂಧ-ಧನ)

ಬಂಧನದಲ್ಲಿ ಇರುವುದು  
ಎರಡು ಅಂಶ!  
'ಬಂಧ-ಧನ' (ಸಂಬಂಧ ಮತ್ತು ಹಣ)  
ಪ್ರಾಮುಖ್ಯವಾದರೆ.....  
ಬಂಧ-ಬಾಳಾಗುವುದು 'ಬನ' ( ಹೂದೋಟ)  
ಧನ-ಬಾಳು 'ನಿರ್ಜನ' (ಏಕಾಂಗಿ)

## ಹುಚ್ಚುಮೋಹ

ಒಡಹುಟ್ಟಿದವರನ್ನು ಒಡಲಲ್ಲಿ ಇಟ್ಟು,  
ಮಡಿಲಲ್ಲಿ ನಿನ್ನ ಮಗುವಾಗಿ ಸಾಕಿ.  
ಸಲಹಿದೇ ನೀನು ಸರಿದಾರಿ ತೋರಿ,  
ತಿದ್ದಿದೆ ತಪ್ಪುಗಳನ್ನು ಅಪ್ಪಿ ? ಮುದ್ದಾಡಿ,  
ಕೆಲವು ಸಲ ಗುರುವಿನ ? ಗುರುವಾಗಿ.  
ಜೀವನ ಸವಿಸಿದೆ ಅವರ ಏಳಿಗೆಗಾಗಿ,  
ಬೆಳೆದರು ಏತ್ತರ ಕೆನಿನ್ನ ಆಸೆಯ ಶಿಖರವಾಗಿ,  
ಶಿಖರವ ಹತ್ತಿದ ಮೇಲೆ (ಏಣಿಗೆನು) ನಿನದೇನು ಕೆಲಸ.  
ಅರ್ಥೈಸಿಕೊಳ್ಳದೆ ಜಗದ ಈ ನಿಯಮ, ಹಂಬಲಿಸಿದೆ ಸದಾ  
ಸಿಗದಿರದ ಪ್ರೀತಿಗೆ.  
ಮರೆತೆಯಾ? ನೀನು ಹುಚ್ಚು ಮೋಹದಲೀ  
ಹಾರುವವು? ಹೋಗುವವು, ರೆಕ್ಕೆ ಬಂದಾಗ ಹಕ್ಕಿ....

## ಜಾಣೆ

ಶ್ರೀಮತಿ ಯಮತಿ ಚೆನ್ನಾಗಿದ್ದರೆ (ಜಾಣೆ ಆಗಿದ್ದರೇ)  
ಸಂಸಾರದಲ್ಲಿ ಸಂತೋಷಕ್ಕಿರುವದಿಲ್ಲ ಮೀತಿ.....  
ಇಲ್ಲವಾದರೆ?

.....  
(ಬಿಟ್ಟ ಸ್ಥಳ ಭರ್ತಿ ಮಾಡಿಕೊಳ್ಳಿ)

## ಜೀವನ ಒಂದು ಯುದ್ಧ!

ಜೀವನ ಒಂದು ಯುದ್ಧ,  
ಕರ್ತೃವಕೇ ಆಗಿರುನೀ ಬದ್ಧ!  
ಸಾಧಕನಿಗೆ ಇರುವವು ನೂರಂಟು ವಿಘ್ನ,  
ಅಂಜದಿರು - ಅಳುಕದಿರು ಸದಾ ನೀ ಇರು ಸಿದ್ಧ!  
ತಾಳ್ಮೆ - ಮೌನ ಆಗಿರಲಿ ನಿನ್ನ ಅಸ್ತ್ರ,  
ಕಾಲವು ಕೊಡುವದು ಎಲ್ಲದಕ್ಕೂ ಉತ್ತರ ಸಮರ್ಥ!....

## ಅಪ್ಪಾ??!

ಬಣ್ಣಿಸಲು ನಿನ್ನ, ಸಿಗತಿಹುದು ಪದಗಳು  
ಪದವಾದವು ಕಡಿಮೆ, ನಿನ್ನ ವ್ಯಕ್ತಿತ್ವದ ಎದುರಿಗೇ  
ಕಾಡುವದು ನಿನ್ನ ನೆನಪು, ಬದುಕಿರುವ ಪ್ರತಿ ಘಳಿಗೆ  
ಘಳಿಗೆಗಳು ಮಾಸಿದರು, ನಿನ್ನ ನೆನಪು ಮಾಸದು  
ನಿನ್ನ ನೆನಪು ಮಾಸದು, ಈ ಕಂಬನಿ ನಿಲ್ಲದು  
ಕಂಬನಿ ಇದು ನಿಂತರೇ, ಎನ್ನ ಕೊನೆ ಉಸಿರು ಅಂತಲೇ....!

## ನಂತರ, ಅಂತರ??..

ಮಾತುಗಳು ಮೌನವಾದಾಗ  
ತಿಳಿದಿಕೋ ಮಿತ್ರ !  
ಸಂಬಂಧದಲ್ಲಿರುವ ಬಂಧ  
ಕಳಚಿಕೊಳ್ಳುತ್ತಿರುವದು ನಿರಂತರ !  
ನಂತರ? ಅಂತರ.... ಅಂತರ.....

## ಸತಿ-ಪತಿ ಮತ್ತು ಪ್ರೀತಿ

ಇರಬೇಕು ಸತಿ-ಪತಿಯ ನಡುವೆ ಪ್ರೀತಿ ಪ್ರತಿ ಘಳಿಗೆ.  
ಪ್ರತಿ ಘಳಿಗೆ ಕಳೆದಂತೆ, ಬೇಸೆಬೇಕು ಸಂಬಂಧ ಮರ-ಬಳ್ಳಿ  
ಹಂಗೇ.  
ಏತ್ತರಕೆ ಬೆಳೆಯುವದು ಮರ, ಕಡೆದಂತೇ ರೆಂಬೆ.  
ಗಟ್ಟಿಯಾಗಿರಬೇಕು ಸಂಬಂಧ, ದಿನ ಉರುಳಿದಂತೇ.  
ಕೊಡಬೇಡಿ ಕೀವಿ, ಹೇಳಿಕೆಗಳ ಅಂತೇ-ಕಂತೆ.  
ಸಂಬಂಧದಲ್ಲಿರಲಿ ಬಂಧ (ವಿಶ್ವಾಸ), ಬಿಟ್ಟು ಬೇಡವಾದ ಚಿಂತೆ.

ಜಗತ್ತಿನಲ್ಲಿ ಎರಡು ತರಹದ ಜನ ಇರುತ್ತಾರೆ!  
ಸತ್ತಂತೆ ಬದುಕುತ್ತಿರುವವರು;  
ಸತ್ತಮೇಲೂ ಬದುಕುತ್ತಿರುವವರು???

## ನೀ ಗಳಿಸಿದ್ದು ಏನು?

ಪ್ರಶ್ನೆ?  
ತಂದಿದ್ದಾದರೂ ಏನು?  
ಒಯ್ಯುವುದಾದರೂ ಏನು?  
ಬಂದು-ಹೋಗುವ ಈ ಮಧ್ಯದಲ್ಲಿ  
ಮುಖ್ಯವಾದದ್ದು,  
ನೀಗಳಿಸಿದ್ದು ಏನು?

ಉತ್ತರ: ಚಿನ್ನ ಅಲ್ಲ, ಚಿನ್ನದಂಥ ಗುಣ

ಡಾ. ಪ್ರಶಾಂತ್ಯ ಸ್ವಾಮ್ಯಬಾದ್  
ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು, ಯಾಂತ್ರಿಕ ವಿಭಾಗ  
ಸರ್ ಎಂ.ವಿ.ಐ.ಟಿ, ಬೆಂಗಳೂರು.

## ENGLISH SECTION

### Education in the time of Covid-19: How institutions and students are coping

Dr. V.R. Manjunath  
PRINCIPAL, SIR MVIT



Online education is not so easy as speaking into the microphone at one end, and connecting a laptop and listening in on the other; there are challenges faced at both ends of the spectrum. Online education is conducted in two ways - either through recorded classes or via live online classes conducted as webinars. Covid-19 has forced universities across India, and the world indeed, to suspend physical classrooms and shift to online classes. In India, while this transition has been smooth for most private universities, the public ones are still adapting. There have also been debates on the nature of classes, and the future of examination and evaluation - whether they could be conducted online or not.

While faculty grapples with new ways of managing this sudden transition to online education, students are left clinging on to their mobile phones and computer screens. If the lockdowns were to continue for some time, how would higher education be affected? What are some of the deeper issues that require introspection? And what does this mean for the students going forward?

#### Transition to digital

Online education is conducted in two ways. The first is through the use of recorded classes, which, when opened out to public, are referred to as Massive Open Online Course (MOOCs). The second one is via live online classes conducted as webinars, or zoom sessions. There are many platforms created to enable online education in India, supported by MHRD, NCERT such as SWAYAM (online



courses for teachers), e-PG Pathshala(e-content) and NPTEL (initiated by 7 IITs to provideweb and video courses in engineering, sciences, and management).

Covid-19 has pushed institutions, faculty and students on to online learning like never before. Now, because of Covid-19, there is no option but to adapt and utilizeonline education."

### **Technology enables; it can limit, too**

There are some merits in face-to-face teaching and the greatest advantage is eye contact. It is easy to gauge if students are following what a Teacher is saying and there is an excitement present in the real classroom."

"In a country like India, where we don't have enough teachers or easy access to good institutions, using the power of technology to enable learning is extremely beneficial. However, while technology is enabling, it can also be limiting, especially in India, where basic access is a challenge. Not every student has a computer or fast-streaming internet at home. This leads to issues with attendance and participation in online sessions. A survey conducted by Local Circles found that only 57 per cent students had the required hardware — computer, router, and printer — at home to attend online classes. Many students survive on 1GB or 2GB daily data plans on their phones and it is also stressful to look at the phone or computer screen all day.

Therefore, the online education model cannot replace the physical classroom, at best online education can be a supplement."

### **Going forward**

What does online education mean for the future? If universities can enforce Zoom teaching, if classes are taken to nodal places and the institution takes the responsibility to connect students there, this can work well. But the downside is that, if done badly, it will be another legitimization of bad, meaningless online education."

Higher education is seldom about exams, classes, or grades. Rather, it is about an experience that prepares a student to become a functioning member of the work force, with requisite knowledge, skills, and life experiences. Students have complained about lack of clarity going forward and what the plan of action would entail, especially with respect to examinations, results, internships and placements. While most institutions of higher education are trying their best in this situation, nobody knows what will happen next.

"This is fine for now. But what happens a few months later? Will the university be responsible if students don't get the grades, or if their careers are impacted, simply because they are struggling with online classes and figuring out what methods will be used to gauge their knowledge,"

Most educators across institutions agree that there is a need to invest in creating standardized online education platforms and not using apps and Google hangouts only; and to train both students and teachers. Others highlight the necessity to introspect on the nature of these platforms and how students are taught using different online tools and methods, while keeping accessibility and equity challenges in mind. There is also the need to understand all this across academic disciplines and institutions.

The way ahead can be charted only if we take into account the diverse views of experts and incorporate all the lessons learnt during the summer of 2020 due to COVID-19 lockdown.

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## AN EMPIRICAL STUDY THROUGH HANDWRITING ANALYSIS AND VALIDATION OF PERSONALITY IDENTIFICATION

OLIVIA KUMAR

II SEM, ECE

**W**henever we listen to or meet a new person, we may have some kind of feeling about that person. The feeling may be positive or negative. This feeling gives rise to a thinking of personality prediction of that person. Our behavior towards that person is highly influenced by the predictions we have made. Similarly, our personality affects our path of life. Reflecting ourselves at various stages of life can help us understand, how it may shape our future. Various approaches like personality prediction through speech, facial expression,



video and text are proposed in literature to recognize personality. Similarly, personality predictions can be made out of handwriting as well. The aim of this article is to discuss the procedures used to identify personality through handwriting analysis and give a brief view of the subject.

The term "Graphology" was first used by a French abbot and writer Jean Hippolyte Michon who de-scribed graphology as an art which he had learnt through experience, studying the handwriting of thousands of people whose character he was familiar with.

Now, the question arises that what is graphology and its importance? Well, to explain this term, we need to go through a brief theory of some specific terms. It should not be confused with "Graph analysis", the branch of forensic examination of questioned documents that deals with handwritten scripts.

The word "Graphology" was derived from "Grapho" meaning "writing" in Greek and "logos" meaning "theory or study". Thus, "Graphology" is the analysis or study of handwriting. It basically deals with the physical characteristics and patterns of handwriting claiming to be able to identify the writer, indicating the psychological state at the time of writing. It involves the identification of some specific personality traits of the writer.

Most people today are lacking in reading and writing skills and hence eventually the question of handwriting analysis is also becoming extinct with the ascent of time. These skills are very important for adult life. According to graphology research experts, handwriting analysis is a very essential subject for both students and teachers. Universities, colleges and educational institutions all around the world are starting to recognize the role that handwriting analysis can play in the assessment of personality and eventually shaping one's future in the long run. Many professional



institutions have been set up in countries like England, Germany, France, Spain, Switzerland, thus giving it a worldwide recognition.

Graphology is considered to be a pseudoscience. It is primarily used as a recruiting tool to screen candidates during the evaluation process. Graphology is used to derive an individual's personality trait from his handwriting. Personality traits have more than four thousand possible permutations and combinations. Graphology can be used to figure out a person's energy drive, emotional attachment, ideas, introversion/extroversion, honesty/dishonesty, criminal or deviant tendencies etc.

There are many features of handwriting which include baseline, slant, pressure, letter, size, letter spacing, word spacing, margin etc. Each of this feature depicts or reveals a unique personality trait in a person. Here are some of examples in handwritings explaining a particular trait.

### **1) Lowercase T's**

There's something to the saying "dot your i's and cross your t's". Predictions show that failing to cross our T all the way means we are a procrastinator. Crossing our T high on the stem means we set high goals, while lower placement means we could dream a little bigger.

### **2) Signature**

We only write our name so graphologists think of a signature as a public expression of the self. Legibility indicates we have nothing to hide, while indecipherable script means we don't want others to know what's going on in our head.

Big, full capital letters convey an extroverted showman, but if we use a strong dash, then we are trying to keep people at an arm's distance. A legible signature that's vastly different from our everyday handwriting means we know who we are, but we are hiding it from others. Finally, a big X doesn't mean we are simplistic: it shows self-destructive tendencies.

### **3) Personal Pronoun 'I'**

Unlike the public ego expressed in the signature, this word is a lot more personal. The loops in a cursive capital I can convey a lot about our relationship with our parents, as the upper part represents the maternal while the lower part represents the paternal. The size of the loops — or the bars in a printed I — correspond to the strength of the relationship. It also states that a separation of the bars from the stem conveys instability, a single straight line represents independence, and a lowercase I symbolizes immaturity.

### **4) Slant**

Which way do our words lean? Right indicates an outgoing, future-directed personality. Left means we are a more reserved observer. As for straight up and down, we are very rational and always think things through.

### **5) Size**

The amount of space our script takes up reveals info too. Large printing characterizes attention seekers, while small writing points to a person who prefers staying out of the spotlight. Teeny-tiny scrawl might mean a person's retreating from society completely,

### **6) Lowercase 'i'**

The placement of the dot can convey quite a bit. Direct placement above the stem reveals

loyalty. Leftward dots indicate caution and stagnation, with no spontaneity. High and free marks mean we have big ideas but we are also in a hurry.

### **7) A's and O's**

These all-important vowels are considered the "communication letters" in graphology. Closed, neat circles indicate that the writer is discreet. A's and O's with openings at the top mean that we can't keep a secret

### **8) Deviation from the Baseline**

The straightness of our text also hints at our outlook on life. An upward slant from the baseline shows an optimistic viewpoint, while downward indicates a pessimistic mood.

### **9) Spacing between Letters**

Narrow kerning signals a writer who's a little uptight. Spread-apart spacing reveals a more relaxed personality.

### **10) Spacing between Words**

Just like letters, the distance between words can signify something. Graphologists use this to determine how the writer approaches relationships. The narrow spaces indicate a fear of abandonment, while large distances reveal trouble connecting with others.

### **11) Number '2'**

A two with no loop shows someone's good with facts and figures.

### **12) C's**

A completely closed C can indicate a lack of trust. A lack of a gap could signify that the person does not want to let anybody in.

### **13) Lowercase 'y'**

Letters like Y, G, and J all move through what's called the "lower zone," which is associated with action. Y in particular is associated with money. A big loop can represent a big money bag, or creativity and fantasy depending on other strokes in the writing.

### **14) Pen Pressure**

Does ink bleed through or barely coat the page while writing? A light grip belongs to ethereal types. Digging into the page convey intensity and strong emotion

Although the above stated theories regarding writing are purely hypothetical but these have a strong connection with the personality traits of a person.

Handwriting analysis is considered to be an emerging field for personality recognition. There are various methods of graphology to deal with particular types of handwriting, each of them having its own significance. Although graphology is an established science but due to human ambiguity in samples of human handwriting, accuracy of handwriting analysis is found to be around 90%. Automated personality identification through handwriting analysis will prove to be a good and helpful system for personality traits identification. Such system can be built using artificial neural networks technology where a system is pre-trained to identify characteristics of handwriting and map it to a corresponding personality trait.



## EVERY CLOUD HAS A SILVER LINING

**AKANKSHA**  
IV SEM, CIVIL

**W**e all notice Nature's wonderful phenomenon's, one such amongst them are different climatic conditions. Have you ever taken a toll to notice that winter is always accompanied by spring?? How all the cold, harsh winds, rotten trees and leaves suddenly go into all blooming and warm breeze and colorful surroundings. This is Nature's way of showing that even after all the bad things occur to us there is still a way of hope in it. There's always a ray of sunshine seeping through the dark clouds.

Similarly, in life too why give up on things when we are capable of trying it in first place. Why to feel disheartened when things don't go in our way, instead of it can't we feel the need to improvise ourselves, our surroundings, and our things. There's always a second chance in life to perish in this lifetime provided we show determination, perseverance and hard work. There's always a light in the end of the tunnel. If we are rejected the first time, then there's a hope that we get better things the next time or maybe our destiny has different plans for us. We as a human being are able to do more things than our mind can imagine, we can conquer any top of limitless heights provided we don't give up.

We all know our World Leaders be it in the field of Business, Politics, Commercials, or any other sector have also undergone through many failures and rejections, how most of their ideas were considered scrap, or weren't well worth to support themselves. But still they overcame the obstacles to become some of the greatest men to be alive. We can always try to be purgative in the dark, sad and sorrow situation. Let us all try to be happy and positive to lead the life we have dreamt off.

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## OFFICER

**BHUVANA R**  
II SEM ET

**A** pinch of fear, a bundle of joy an overwhelming thought of entering the initial steps of their goal. These are the emotions that a cadet goes through before their first experience at an Armed Forces Academy.

Life at a Defence Academy is tough! – as said by others. But for a person who has only dreamt of that day their entire life feels it like a dream. As well said," Two stars on my shoulder are better than millions in the sky".

With drops of sweat rolling down their body and keeping the spark in them alive, all they see is a day when they will earn their valuable uniform of pride with their name on it.

It is truly a moment of pride and honor that each and every cadet dreams and desires to own. A true passionate person who dreams of becoming an officer in the Armed Forces knows how much of sacrifice, hard work and dedication they have to put in before being called an "OFFICER" with pride.

One such officer quoted," What is a life time of adventure for you is a daily routine for us". So, giving a try and hand of luck into becoming an officer will be a different experience. Therefore, we encourage students to take up Armed Forces as a career and a part of the national pride of serving the country.

## NEED OF THE HOUR...!

ASHISH

VIII SEM, CIVIL

**F**ew incidents around the world made me pen down this article; I could have just ignored them thinking it as a part of evolutionary process but my intuitions pull me down to think about it in a repeat mode. The present day human mind is said to be so well developed that we are on the verge of creating anything we desire and controlling everything on this planet. We are ruling the world,



but without our consciousness are ending it in our own hands! What does it mean to end? Is it by natural calamities or by our negligence on consciousness? In fact, it's the later that has triggered the former to new heights. I believe the reason for all this is the way we were educated. Few moral classes & high level mathematics, statistics, accounting or management skills will not help us come out of this disaster. It has to resonate at the core of our education system, especially in our country.

The whole of economy in the world runs not just because of so called intellectuals but also because of many minds with consciousness and common sense. In the same context, it doesn't mean that illiteracy can increase our economic prosperity or social well being. Literacy can be increased by quality education and healthy schooling of any child. So what does it mean to be educated and to have a proper education system...?


Well before explaining about that let me enlighten you about the present state of Indian education system. Indeed it is not required to elaborate much on this as we all have gone through the same storm sailing on different ships, where even a fish must fly to reach the so called destination. Does this mean an athlete; an artist or a wildlife photographer in our country would have to complete a popular degree going through all those difficult situations against his/her will only because the system or society forces them to do so? What can be the reason for such a narrow minded approach on the most important aspect of our life...?

Invasion...? Yes, the series of invasions on land, heritage, culture and finally our understanding on the education system of the then called vibrant nation Bharat. The whole of civilization and down trodden habits of west influenced and scrapped our culture. A small example of which is the Indian Education Act of 1835, which forcefully closed all the Gurukuls & Madrasas in our country, along with the ocean of knowledge & values it possessed. If asked me why Gurukuls were important, Oh, again imposing Religious Beliefs..? No...! To seek and to believe it's different. Beliefs only lead to superstition, and they are baseless. Our culture never believed that there are 9 planets or that there are atoms and sub atomic particles, but they had experienced and explained them far before telescope or microscope were known to mankind. To be precise, Gautama Buddha told that we emerged from a single celled organism far before Darwin's theory proved our solid understanding of evolution. And he was not the first to say that, many had cast



light on many such things in their own poetic ways. The secret behind their immense knowledge and understanding on life which later made them to be termed as GOD was consciousness.....! It is the modern world that has given it a religious color. So what effects does this have on a technologically driven world...? Consider artificial intelligence which is all about trying to replicate our intelligence. This means we humans will have nothing to do in the near future. We wouldn't need teachers to teach us or a maid to clean and even a decent farmer would probably be a low level programmer. This only concludes to the fact that the way most of the students learn concepts by memorizing them does not make any sense. The education system which pushes individuals to take such approaches will have nothing to do in coming days.

So what does it mean to be educated and what is a good education system? It is very simple. Whatever you dream and the system which supports your passion would be an ideal case for now. To be educated is to understand how everything is connected and how important every action is. To know of one's role in society as an individual and to make this world a better place to live. Something which needs our pure consciousness, emotions, intuition and intellect to work and these are some of the things AI can never possess. These qualities are already within us and our culture had once nourished them as I stated earlier. But just on a different backdrop. Remember, if your passion or goal is one which Siri or Alexa can do easily in the near future, it's better to redefine those goals.



## DISCORD

**O**n the horizon, close to sunset  
There are million colours  
And sky in zest

The same unison is there  
In chirping of birds, in blowing of winds  
And flocking of feathers

The only discord is  
Among the humans  
There is no unity, but only venom

**DR ANIMA UPADHYAY**  
Assistant Professor, Dept of Chemistry

### I'M PUZZLED.....



You ignore but smile,  
You speak and don't, at the same while.  
And for whom should I blame,  
While I don't understand your game  
But then, seeking your attention,  
Is not my only intention  
Just the way you care,  
Is enough to spark the flare?  
I have got no courage,  
To break this little barrage  
Because, let me be damn clear,  
That losing you would drench me in tear.  
Finally, I'm puzzled with only one thing  
That is it your ignorance or my over thinking

**ASHISH**  
VIII SEM, CIVIL

**W**e all arrived here as same beings,  
But depart with many different savings.  
This saving depends on what you invest,  
And rebate on this is credited as interest.  
Where rate of interest is driven by your zeal,  
And this grows depending on what you deal.  
By now if you are thinking of money,  
That's ok; there are people like you in many.  
But I meant, savings as your greed,  
Investment is all your deed.  
You get fame as Interest is all I meant,  
All these remains good if properly dealt.  
Life is one, who teaches these all,  
You would only learn at downfall.  
Hope remains as your best partner,  
Dream keeps you running harder.  
But never hope in excess,  
This ruins your meaning of success.  
And I still say,  
If asked me, where do you see success in?  
I would barely be here to see, tricolor on my coffin.

## DREAM, HOPE & SUCCESS

**ASHISH**  
VIII SEM, CIVIL

Till now, you are the only one who could ever made my mind blow,  
Last summer you were the only one, who made me felt like I am in snow,  
I know, I beat around the bush all the time,  
As I didn't wanna lose you,  
For me you were the prime,  
Well now you are gone,  
Loneliness came along,  
It's better to forget you,  
Actually, now I don't even want you,  
I found myself as my lucky charm,  
One day I will get those rich people stuffs like big houses in farm,  
And maybe some expensive cars,  
One day in the thundering cloud I will be the only star.  
I know I cannot ever be with you,  
Still I will always miss you to the core,  
Because I loved for a thousand years and I will love you for thousand more.

**KISHLAY ANAND**  
II SEM, ISE



Fluffy white clouds in winter wonderlands,  
Magical lamps lost in the desert sands,  
Fairies and unicorns, candies and games,  
Stories said long ago by many sweet dames.

We dreamt of these, back when we were kids,  
Rejoiced in them, our imagination had no lids,  
We grew when we thought, "If Simmba can, so can we!"  
We grew when we fell but got up and thought,  
"How hard can this possibly be?"

As kids we knew no boundaries, we were free to fly,  
Did we even know things like revenge or an eye for an eye?  
They say, "You were kids, irresponsible, didn't know what to do",  
Didn't we! Is whatever "they" say really completely true?

Look at us now, where's all that zeal?  
The tiniest of hurts and we need ages to heal,  
Where is the fun lover? The kid who loved to explore,  
Instead we now sink into our gadgets, to tackle our mighty bore,

As a kid we could have scaled the Everest on an evening trek,  
And now we just lay there, don't even give a heck,  
Where is the willpower that drove us on as kids?  
Are we just surviving? Does anyone even "live" in our midst?

All we talk about is our next exam or test,  
All we want is to pass, who cares about giving it their best,  
A parent's wrath is what forces us out of our bed,  
We could be playing in the Olympics for all we know but repetition  
is what we choose to do instead,

Wait, hold up, and take a step back my friend,  
We all know this life is short and someday we will reach its end,  
Reflect on your actions now, for it is the legacy you leave behind,  
Will it suffice to you if people remember you just for being kind?

You have but one beautiful life; do what makes you smile,  
Let it not become a struggle to wake each morning,  
a mere dusty old file,  
At least give it a chance, who cares if you are rough at the seams,  
Let that inner kid out, just fly free and live your DREAMS.

## DREAMS



**JANVI**  
IV SEM, B

## TAYTAY

Lost in the sound of unspoken music,  
Scoring for something right and real,  
And you drop in on me like a magic,  
Revealing the tunes that made me feel  
I swear I had no hint of you,  
All I knew was your name,  
Never knew I'd end up loving you,  
Tell me queen, is that you're A-game.

Sure no one saw it coming,  
I'm out to ink these words for you.  
Now they know,  
TayTay got me penning this.

You blew into the lives of a million swiftest  
Only to make all our cut out days happier  
We were shown the path to be at ease,  
And your songs got us going crazier.  
Sure, you've gone through rough times,  
But just know we'd never bail out on you.  
We are always there piled up in lines,  
Aching to shower our love on you

Not in my wildest dreams,  
I thought I'd hold the pen for you.  
Now they know,  
TayTay got me writing this.  
TayTay got me penning this.

**JAGAJEETH REDDY A S**

IV SEM Mechanical



## ADULTERATION

Half suicide, not so pretty eyes.  
With every drag, I vaporize,  
In this disaster I've created for us.  
Her lips tug upwards, bright  
Like the last rays of sunlight.  
I look away.  
Her, I'm not worthy of.  
With every drag, I think of my provider,  
Like who, I'll never become.  
Like who, I never want to become.  
He, a lover,  
Of everything that gives him solitude,  
Grace and wisdom  
Everything, but I  
Because I am pandemonium  
I revel in the feeling of my burnt lips,  
Ashes in my hands and worn out fingernails  
That scratched the walls of the bloody room  
Until she screamed for me to stop

Her, I never liked.  
But she never let go.

So with every drag I take,  
I make a mistake.  
With every drag I take,  
She kills me.  
And maybe now,  
A hundred needles and  
A thousand vertical cuts later,  
Maybe, just maybe,  
It's finally time to give in.  
I'm not.

**SRINJANA RAHA**

II SEM, BT



# हिंदी विभाग



## प्रतिज्ञा

कभी-कभी मुस्काती हूं मैं  
गीत पुराने गाती हूं मैं  
चलती हूं बेफिक्र राह पर  
खुद पर ही इठलाती हूं मैं

नहीं किसीकी परवाह कोई  
कितने भी कोई कांटे बोए  
रौंद के मंजिल पर पहुंचूंगी  
हर सपना साकार करूंगी

दुनिया को मैं दिख लाऊंगी  
विजय-पताका फहराऊंगी  
ओछी? कुत्सित दानवता को  
मानवता से मिलवाऊंगी

मुझे इल्म है मुश्किल होगी  
अपने भी सब होंगे ढोंगी  
ज़हर बुझे शर से बीधेंगे  
तन्ज़ कसैंगे चाल चलेंगे

भय तजकर निर्बाध चलूंगी  
क्यों कर मैं सह मूंगी डरूंगी  
बरसों तक जो रहा कैद में  
उस मन को आज़ाद करूंगी

**Dr. ANIMA UPADHYAY**  
Assistant Professor  
Dept of Chemistry

कभी चले जाते हैं साथ रहेनेवाले!  
दुनिया से रुस्वा हो जाते हैं,  
हमे दुनिया में लानेवाले!  
ज़िन्दगी कि है यह कैसी रीत?  
सबसे पहले जुदा हो जाते हैं,  
हमे ज़िन्दगी देनेवाले!

जो कल हमारा था  
वोह आज तुम्हारा है,  
वक्त कि देन को इतना ना साहरो,  
कल फिर हमारा होगा  
जो आज तुम्हारा है.

सीने में गोली खाने का जिग्र पाया है,  
मौत हमारा खौफ़ नहीं शान है.  
हमारी मौत भी कहा आम है?  
मर के जो ज़िन्दा रहे, हम वो जवान हैं!

**SANA ISMAIL**  
IV SEM ECE

खुदा को देखना होतो,  
फ़ना कर दे जनमअपना !  
वो चाहा गौस की हर दम,  
मना उसको मनम अपना!  
अगर सेज़ैत चाहे तो,  
तेरी हस्ती फ़ना कर दे!  
रहेगी कब तलक दौलत,  
फ़ख़र उसका भ्रम अपना!  
मिजाज़ी इश्क के दिवाने,  
कब तक है मिजाज़ अपना!  
ए पिन्जरा खाली हो जाए,  
निकल जाएगा दमअपना!

**SHAHNAAZ BEGUM**  
Asst. Professor, English  
Dept. of Humanities

राष्ट्रगान का प्रत्येक शब्द कुछ कहता है।

जन? भारत की जन शक्ति।

गण? गण राज्य भारत

मन अधिनायक जयहै? आदर्शों का प्रतीक झंडा ऊँचा रहे

भारत भाग्य विधाता? हमारा भारतीय संविधान।

पंजाब, सिंधु, गुजरात, मराठा, द्रविड उत्कल बंग- भारतकेरंग - बिरंगेप्रदेश।

विंध्य हिमाचल? हिमालय तथा विन्ध्याचल पर्वत।

यमुना गंगा? भारत की नदियाँ।

उच्छल जल धितरंग? देश के तीनों ओर समुंद्र लहराता है।

तव शुभ नामे जागे ? भारत का नाम शुभहै।

तव शुभ आशीष मागे ? हम तुम्हाराआशीर्वाद माँगते हैं।

गाहे, तब जय गाथा ? हम सब तुम्हारी जय गातेहैं।

जन गण मंगल दायक जय हे ? हमारी मंगल कारी योजना सफल हो।

भारत भाग्य विधाता? हमारा भारतीय संविधान।

जयहे? हमारी थल सेना की विजयकी कहानी।

जयहे? हमारी जल सेना की विजयकी कहानी।

जयहे? हमारी वायु सेना की विजय की कहानी।

जय जय जय जय हे? सबकी जय हो

जनगणमन, भारत का राष्ट्रगान मूलतः रवीन्द्रनाथ टैगोर द्वारा लिखा गया था।

राष्ट्रगान की अवधि 52 सेकेण्ड है

24 जनवरी 1950 को राष्ट्रगान जनगणमन को अपनाया गया था। कितनी विचित्र बात है न स्कूली शिक्षा के शुरुआत से ही हमें सिखाया जाता है कि राष्ट्रगान हम भारतीय नागरिकों को जो विभिन्न प्रदेशों के रहनेवाले हैं एक धागे में पिरोने का काम करता है, अनेक तारों में एकता का भाव प्रकट करता है।

इसलिए भारतीय होने के कारण हमारा भी कर्तव्य है कि जब भी मौका मिले तब ? तब हमें राष्ट्रगान को मन से गाना चाहिए चाहे हम कितने ही बड़े हो जाए,

कितनी ही ज्यादा आय हो वदुनिया के किसी भी कोने में ही क्यों ना हो हमें भारतीय होने पर गर्व होना चाहिए एवं राष्ट्रसंबंधित जैसे हमारा राष्ट्रगान -जनगणमन का सम्मान करना चाहिए व सम्मान के साथ गाना भी चाहिए।

भारतीय होना व भारत से जुड़ी चीजों से लगाव रखना हमारा कर्तव्य व सम्मान की बात है क्योंकि अनेकता में ही एकता है।

जयहिन्द , जयभारत

## राष्ट्रगान का प्रत्येक शब्द कुछ कहता है।



**ADITI SINGH**  
I SEM, CSE

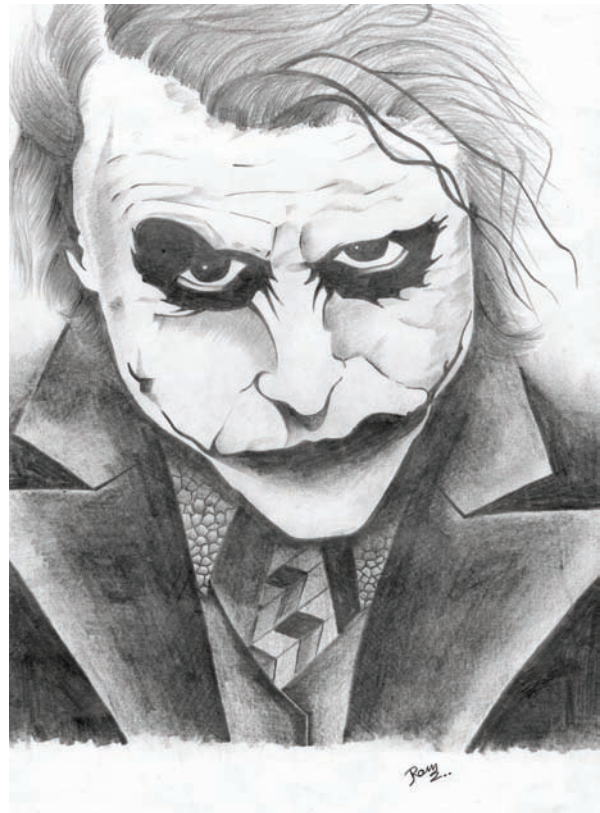


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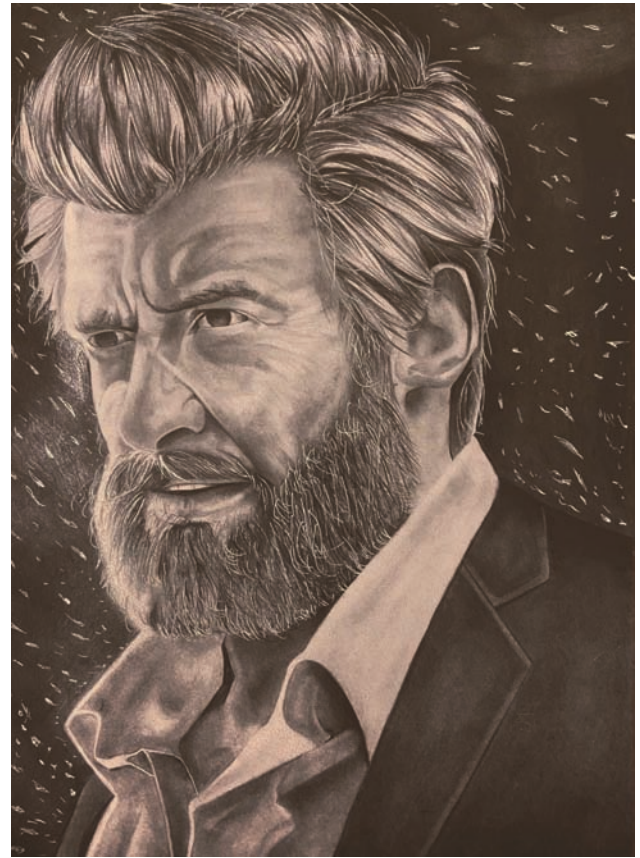
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BIOTECHNOLOGY**



**Dr. VANI PRIYA C H  
ASSOCIATE PROFESSOR, ISE**

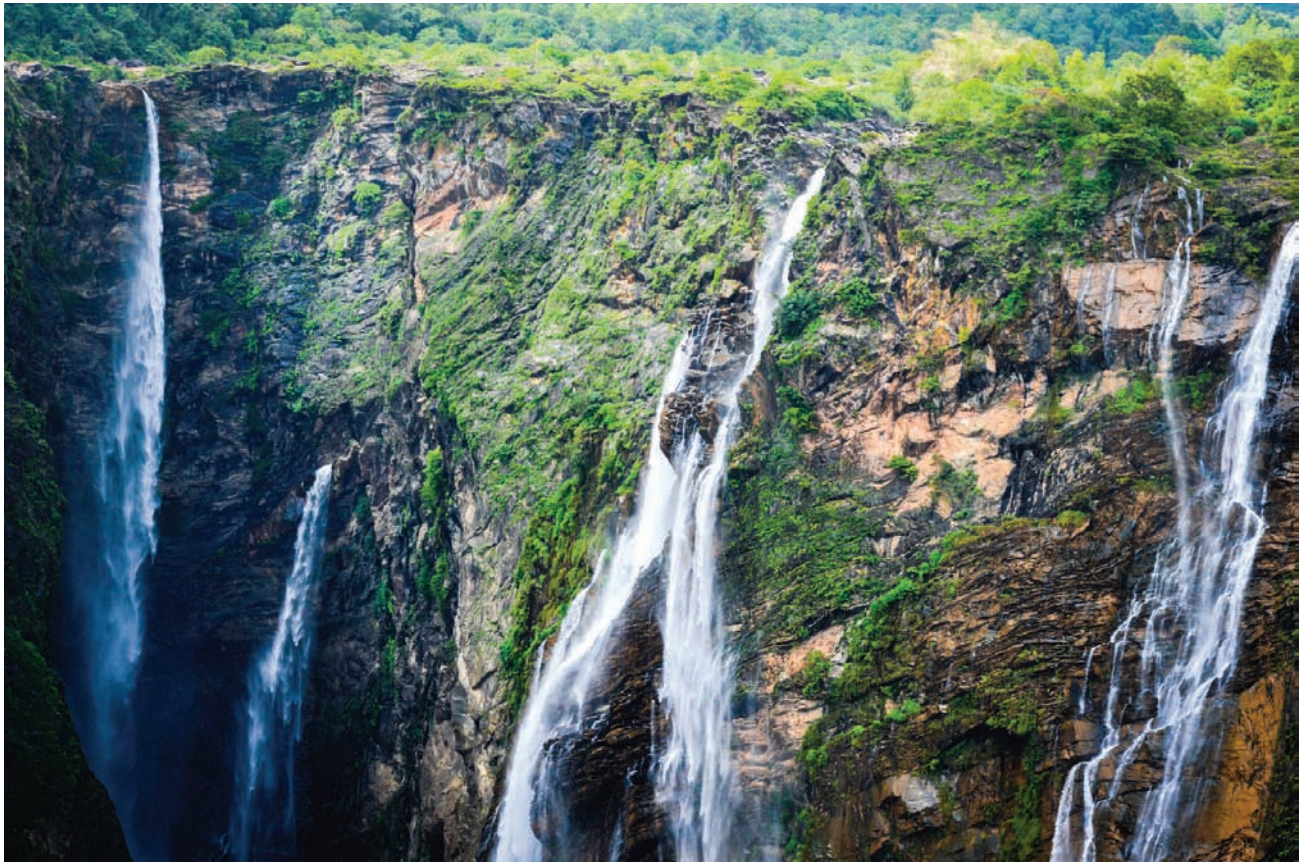


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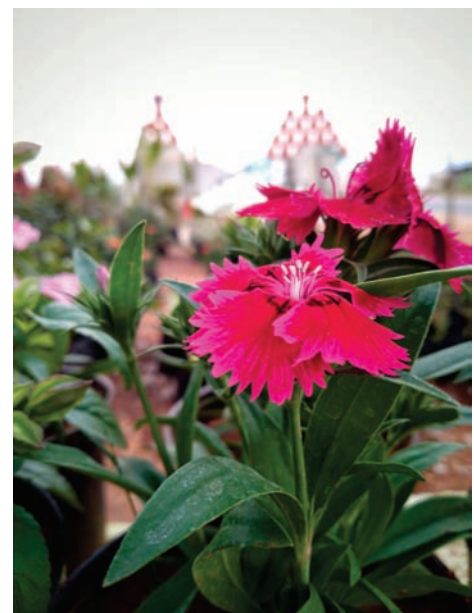
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**BHOOMIKA S., IV SEM, BIOTECHNOLOGY**



**ADITYA P S IInd SEM., MBA B section**



**MAAZ AHMED VI SEM.  
ECE**





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# SRI KRISHNADEVARAYA EDUCATIONAL TRUST

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

Phone/Telefax : +91 80 2360 6999, 2361 3443, 2360 1340, 2360, 1370

Mobile : +91 99725 78908, Email : sriket@gmail.com, www.sriket.org



## Sir M. Visveswaraya Institute of Technology

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Krishnadevaraya Nagar, Hunasamaranahalli, Off International Airport Road,  
Bengaluru – 562 157, Karnataka, India

Tel : +91 80 2846 7248, 2847 7024 / 25 / 26, Fax: +91 80 2846 7081

Web : www.sirmvit.edu, Email : principal@sirmvit.edu, sirmvitbgl@gmail.com