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

Late Sri A S Kuppa Raju
Founder Trustee

Late Sri A S Chinnaswamy Raju
Founder Trustee

Late Sri S N Raju
Founder Trustee

Sri M Varada Raju
Founder Trustee

Dr. A C Chandrashekar Raju
Founder Trustee

Sri K Syama Raju
Founder Trustee

Sri V Srinivasa Raju
Founder Trustee

Late Sri K Changama Raju
Founder Trustee

Sri V Anantha Raju
Founder Trustee

Late Sri N Vasudeva Raju
Founder Trustee

Late Sri Y Subba Raju
Founder Trustee

Sri L K Raju
Founder Trustee

Sri K Muniswamy Raju
Founder Trustee

Late Sri N Narayana Raju
Founder Trustee

Sri K V Sekhar Raju
Founder Trustee

Late Sri M Gopal Raju
Founder Trustee

Sri K Narayana Raju
Founder Trustee

Sri M Venkataramana Raju
Founder Trustee

Late Sri K Rama Raju
Founder Trustee
BOARD OF TRUSTEES

Sri M Varada Raju
Founder Trustee

Dr. A C Chandrashekar Raju
Founder Trustee

Sri K Syama Raju
Founder Trustee

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Founder Trustee

Sri V Anantha Raju
Founder Trustee

Sri L K Raju
Founder Trustee

Sri K Muniswamy Raju
Founder Trustee

Sri K V Sekhar Raju
Founder Trustee

Sri K Narayana Raju
Founder Trustee

Sri M Venkataramana Raju
Founder Trustee

Sri Bhaskar N Raju
Trustee

Sri N G Raju
Trustee

Sri Y Jagadish Raju
Trustee

Sri Sanjay K Raju
Trustee

Sri K Gopala Raju
Trustee

Sri G Prabhakar Raju
Trustee

Office Bearers
Dr. A C Chandrashekar Raju
President
Sri K V Sekhar Raju
Vice President
Sri K Syama Raju
Secretary
Sri M Venkataramana Raju
Treasurer

Sri C S Sunder Raju
Trustee

Sri V Madhu
Trustee

Sri K C Chandrashekar Raju
Trustee
## GOVERNING BODY MEMBERS

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name &amp; Profession</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Dr. A.C. CHANDRASHEKAR RAJU (Businessman)</td>
<td>Chairman</td>
</tr>
<tr>
<td>02</td>
<td>Sri K.V. SEKHAR RAJU (Businessman)</td>
<td>Member</td>
</tr>
<tr>
<td>03</td>
<td>Sri K. SYAMA RAJU (Industrialist)</td>
<td>Member</td>
</tr>
<tr>
<td>04</td>
<td>Sri M. VENKATARAMANA RAJU (Businessman)</td>
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<td>05</td>
<td>Sri M. VARADA RAJU (Businessman)</td>
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<tr>
<td>06</td>
<td>Sri V. ANANTHA RAJU (Businessman)</td>
<td>Member</td>
</tr>
<tr>
<td>07</td>
<td>Sri L.K. RAJU (Educationist)</td>
<td>Member</td>
</tr>
<tr>
<td>08</td>
<td>Sri K. MUNISWAMY RAJU (Educationist)</td>
<td>Member</td>
</tr>
<tr>
<td>09</td>
<td>Sri G. PRABHAKAR RAJU (Businessman)</td>
<td>Member</td>
</tr>
<tr>
<td>10</td>
<td>Sri BHASKAR N. RAJU (Businessman)</td>
<td>Member</td>
</tr>
<tr>
<td>11</td>
<td>Dr. R. NATARAJAN (Academician)</td>
<td>Member</td>
</tr>
<tr>
<td>12</td>
<td>Dr. RAJANIKANTH K. (Academician)</td>
<td>Member</td>
</tr>
<tr>
<td>13</td>
<td>Director of Technical Education, KARNATAKA</td>
<td>Member-Ex Officio</td>
</tr>
<tr>
<td>14</td>
<td>THE DIRECTOR, AICTE, SWRO, Bengaluru</td>
<td>Member-Ex Officio</td>
</tr>
<tr>
<td>15</td>
<td>Dr. S.H. MANJULA (Professor, UVCE, Bengaluru)</td>
<td>VTU Nominee</td>
</tr>
<tr>
<td>16</td>
<td>Dr. H.G. NAGENDRA (HOD, Biotechnology)</td>
<td>Faculty Representative</td>
</tr>
<tr>
<td>17</td>
<td>Dr. E. KAVITHA, (HOD, Electronics &amp; Telecommunication)</td>
<td>Faculty Representative</td>
</tr>
<tr>
<td>18</td>
<td>Dr. V.R. MANJUNATH</td>
<td>Member Secretary &amp; Principal</td>
</tr>
<tr>
<td>Contents</td>
<td>Page No.</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td>MESSAGES</td>
<td>8 – 18</td>
<td></td>
</tr>
<tr>
<td>EDITORIAL TEAM</td>
<td>19 – 19</td>
<td></td>
</tr>
<tr>
<td>PRINCIPAL’S DESK</td>
<td>21 – 22</td>
<td></td>
</tr>
<tr>
<td>EDIT SPEAK</td>
<td>23 – 23</td>
<td></td>
</tr>
<tr>
<td>ACHIEVERS</td>
<td>26 – 43</td>
<td></td>
</tr>
<tr>
<td>KALEIDOSCOPE OF EVENTS</td>
<td>46 – 60</td>
<td></td>
</tr>
<tr>
<td>EXTENSION ACTIVITIES</td>
<td>62 – 72</td>
<td></td>
</tr>
<tr>
<td>DEPARTMENT PROFILES</td>
<td>74 – 130</td>
<td></td>
</tr>
<tr>
<td>LITERATURE &amp; ARTICLES</td>
<td>132 – 146</td>
<td></td>
</tr>
<tr>
<td>FINE ARTS &amp; PHOTOGRAPHY</td>
<td>148 – 152</td>
<td></td>
</tr>
</tbody>
</table>
SRI KRISHNADEVARAYA EDUCATIONAL TRUST

IMPARTING KNOWLEDGE
CREATING GLOBAL CITIZENS

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

GREEN CAMPUS

INSPIRING THE FUTURE.
CREATING GLOBAL CITIZENS.
Messages
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)

Raj Bhavan, Bengaluru - 560 001. (Karnataka)
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)
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')
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)
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 nearly 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.
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
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.
Sri Krishnadevaraya Educational Trust
No. 16, Ballari Road, Sadashivanagar, Bengaluru-560 080

Dr. A.C. CHANDRASHEKAR RAJU
President

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 coexistence, 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.

(Dr. A.C. CHANDRASHEKAR RAJU)
President
Sri Krishnadevaraya Educational Trust
No. 16, Ballari Road, Sadashivanagar, Bengaluru-560 080

K.V. SEKHAM 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. SEKHAM 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 splendid 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
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 heart 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".

(M. VENKATARAMANA RAJU)
Treasurer
Editorial Team

Dr. V.R. Manjunath

Dr. Sandhya S

Dr. Lakshmi H.

Ms. Sheetal Bagali

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.........**

---

**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.**
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
HOD, MBA & CHIEF EDITOR

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

1st RANK, GOLD MEDAL
Anvitha, BE-IEM

2nd RANK
Akansha Gaurav, BE-TCE

2nd RANK
Ritika Pandey, BE-ISE

2nd RANK
Sonali S Naik, BE-BT

3rd RANK
Shri Lekha K P, BE-ME

4th RANK
Akarapu Nikitha, BE-EEE

4th RANK
Hitashi Nandan, BE-TCE

5th RANK
Harini Chandramouli, BE-EEE

5th RANK
Pooja H V, BE-BT

6th RANK
Sai Ratnam P. R., BE-ISE

8th RANK
Sinchana R Nayak
BE-Civil & UltraTech Endowment Gold Medal for securing highest marks in Concrete Technology

8th RANK
Swati Boranala, BE-CSE

9th RANK
Bhavana Nagaraja, BE-BT

10th 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

Dr. PRASHANTH. G K
Asst. Prof., CHEMISTRY

Dr. G.M. KRISHNAI AH
Professor & HOD, CHEMISTRY

Dr. GANGADHARAI AH. Y.H
Professor, MATHEMATICS

Dr. MAHESH K
Professor., EEE
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
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.
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...
Indian institutes win awards for eco-friendly prototype, fuel-efficient vehicle

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

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. Ramamoorty, 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.

Dr. Seetharamu Subramanyam
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, Thiruvanum 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. Viswanathanan, Prof K Shivakumar, Dr. Karisiddappa, Dr. Hemut Wolf and Prof. Rajender Gupta, Dr. Stan David, Dr. VringinoVrich, 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, IIPE 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 aa 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 quote 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.
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 KALNJALI 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 1st 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 21st 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 momentos 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.
ಮೈಸಿ-2010

'ಮೈಸಿನ ಅಂಗರ್ಥ' ಸಮಾಧ್ಯವಾಗಿ ಅಭಿದೇರಕ್ಕೆ ಸೇವಾಮಾಹದಲ್ಲಿ ಮಾದರಿಯರು ಚಿತ್ರಣದಲ್ಲಿ 'ಮೈಸಿ'

ಮೈಸಿ ಬಾರ್-ಬೆಟ್ಟೆಯರು ಅಂಗರ್ಥ ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು ಅವರು ಬಾರ್-ಬೆಟ್ಟೆಯರು ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು ಅವರನ್ನು ಬಾರ್-ಬೆಟ್ಟೆಯರು ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು. 2020ರ ಭೌತಿಕವಾಗಿಯೂ ನೇರವಾಗಿ.

ಬಾರ್-ಬೆಟ್ಟೆಯರು ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು. 2020ರ ಭೌತಿಕವಾಗಿಯೂ ನೇರವಾಗಿ.

ಮೈಸಿ ಬಾರ್-ಬೆಟ್ಟೆಯರು ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು ಅಭಿದೇರಕ್ಕೆ ಸೇರಿದವರು. 2020ರ ಭೌತಿಕವಾಗಿಯೂ ನೇರವಾಗಿ.
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 5th 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.”
Extension 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 16th KARNATAKA STATE LEVEL STUDENT CONVENTION, held at K.S.I.T, Bangalore on 22nd 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 5th August 2019, Government High School visit at Bettahalasur, Bangalore on 7th and 8th August 2019, a Visit to Rakum School for Blind as part of their induction programme on 9th August 2019, planting of Saplings by 1st year BE students during Student Induction Program on 10th 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 1st year BE students during 05-08-2019.

STUDENT INDUCTION PROGRAM – 2019

1st 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 Guruchi 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 Guruchi during the visit.

STUDENT INDUCTION PROGRAM

Planting of Sapling at Sir MVIT Campus was actively carried out by 1st 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 1st 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 1st 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 2nd 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

**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.

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**LEO**

**LEO: Let’s Express Ourselves, A club with allhearts 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 underprivileged 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 brings 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 SESSION 2:**
  **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 ABHIYAN

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.

Seminar on “Devops” by Mr. Raghavendra M. Deshpande Devops Trainer, Global Quest Technologies, Bengaluru on 22nd November 2019

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
Profile

Department of Civil Engineering
# DEPARTMENT OF CIVIL ENGINEERING

## TEACHING STAFF

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<tr>
<th>NAME OF THE STAFF</th>
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<tbody>
<tr>
<td>Dr. V. R. Manjunath</td>
<td>B.E, M.Tech, Ph.D</td>
<td>Professor &amp; Principal</td>
</tr>
<tr>
<td>Mr. Mahendra Babu H P</td>
<td>B.E, M.E</td>
<td>Associate Professor &amp; HOD</td>
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<tr>
<td>Mr. Prasad K V R</td>
<td>B.E, M.E (Ph.D)</td>
<td>Associate Professor</td>
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<tr>
<td>Dr. Shivanna S</td>
<td>B.Sc., M.Sc., Ph.D</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Ravi Kumar H</td>
<td>B.E, M.E, Ph.D.</td>
<td>Associate Professor</td>
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<tr>
<td>Mrs. Anitha Jayaraman</td>
<td>B.E, M.Tech (Ph.D)</td>
<td>Assistant Professor</td>
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<tr>
<td>Mrs. Pradeepa S</td>
<td>B.E, M.Tech (Ph.D)</td>
<td>Assistant Professor</td>
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<tr>
<td>Mrs. Tamil Selvi N</td>
<td>B.E, M.E</td>
<td>Assistant Professor</td>
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<tr>
<td>Mrs. Ramya N</td>
<td>B.E, M.Tech</td>
<td>Assistant Professor</td>
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<tr>
<td>Mrs. Vyshnavi D R</td>
<td>B.E, M.Tech</td>
<td>Assistant Professor</td>
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<tr>
<td>Mrs. Bhavya S</td>
<td>B.E, M.E</td>
<td>Assistant Professor</td>
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## NON – TEACHING STAFF

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<th>NAME OF THE STAFF</th>
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<tbody>
<tr>
<td>Mr. Sudharshana Reddy P</td>
<td>BCA, MCA</td>
<td>Asst. Instructor</td>
</tr>
<tr>
<td>Mr. Narasaraju K</td>
<td>I.T.I</td>
<td>Mechanic</td>
</tr>
<tr>
<td>Mr. Bhaskar R</td>
<td>SSLC</td>
<td>Attender</td>
</tr>
<tr>
<td>Mrs. Rohini M R</td>
<td>B.Sc., M.Sc</td>
<td>Lab Technician</td>
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## ADMINISTRATIVE

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<th>NAME OF THE STAFF</th>
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<tbody>
<tr>
<td>Mr. Srinivas V</td>
<td>B.B.M,P.G.D.B.A, D.C.A</td>
<td>Clerk</td>
</tr>
<tr>
<td>Mr. Govinda Raju</td>
<td>PUC</td>
<td>Attender</td>
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</table>
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 43rd 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 8th 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 19th 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 28th and 29th February 2020.
Profile

Department of Computer Science & Engineering
### TEACHING STAFF

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<tr>
<th>DESIGNATION</th>
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<tbody>
<tr>
<td>Dr. G.C Bhanuprakash</td>
<td>M.S., Ph.D.</td>
<td>Professor &amp; HOD</td>
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<tr>
<td>Dr. Suma Swamy</td>
<td>M.Tech., Ph.D.</td>
<td>Professor</td>
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<tr>
<td>Mr. Sreenivasa B C</td>
<td>M.S. (Ph.D.)</td>
<td>Associate Professor</td>
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<tr>
<td>Mrs. Pallavi R</td>
<td>M.Tech., (Ph.D.)</td>
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<tr>
<td>Mrs. Rekha B N</td>
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<tr>
<td>Dr. Savitha Choudhary</td>
<td>M.Tech., Ph.D.</td>
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</tr>
<tr>
<td>Dr. Rashmi Amardeep</td>
<td>MS, Ph.D.</td>
<td>Associate Professor</td>
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<tr>
<td>Dr. Ajina A</td>
<td>M.E., Ph.D.</td>
<td>Asst. Professor</td>
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<tr>
<td>Mrs. Sushila Shidnal</td>
<td>M.Tech., (Ph.D.)</td>
<td>Asst. Professor</td>
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<tr>
<td>Mr. Elaiyaraja P</td>
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<td>Mrs. Savitha P</td>
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<tr>
<td>Ms. K.P Mayuri</td>
<td>B.E., M.Tech</td>
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<tr>
<td>Mr. Ravi Kumar H R</td>
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<td>Mrs. Mohamadi G housia Kousar</td>
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<td>Ms. Dhivya V</td>
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<td>Mrs. Supriya H S</td>
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<tr>
<td>Ms. Monika Rani H G</td>
<td>B.E., M.Tech</td>
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<tr>
<td>Mr. Suraj Kumar</td>
<td>B.E., M.Tech</td>
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<tr>
<td>Ms. Supriya</td>
<td>B.E., M.Tech</td>
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<tr>
<td>Ms. Hema Priya B. C.</td>
<td>B.E., M.Tech</td>
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<tbody>
<tr>
<td>Mrs. Savithri R</td>
<td>Diploma in CSE</td>
<td>Asst. Instructor</td>
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<tr>
<td>Mrs. Nethravathi S</td>
<td>Diploma in CSE</td>
<td>Asst. Instructor</td>
</tr>
<tr>
<td>Mrs. Radhika R</td>
<td>M.Sc. (Ph.D)</td>
<td>Programmer</td>
</tr>
<tr>
<td>Mr. Sunil Kumar J.S</td>
<td>Diploma in ECE</td>
<td>Programmer</td>
</tr>
<tr>
<td>Mrs. Savithri C</td>
<td>B.Com</td>
<td>Clerk/ Typist</td>
</tr>
<tr>
<td>Mr. Venkata Raju K</td>
<td>SSLC (ITI)</td>
<td>Lab Attender</td>
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</table>
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 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.

Dr. G.C. Bhanuprakash
HOD
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.
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

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<tr>
<td>Dr. R. Sundaraguru</td>
<td>M.E, Ph.D</td>
<td>Professor &amp; HOD</td>
</tr>
<tr>
<td>Dr. V. G. Supriya</td>
<td>M.Tech, Ph.D</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Sasmita Mohapatra</td>
<td>M.Tech, Ph.D</td>
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<tr>
<td>Dr. G.R. Kavitha</td>
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</tr>
<tr>
<td>Mrs. Krishna Priya Sharma</td>
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<td>Mr. Satish Kumar</td>
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<td>Mr. Nataraja R</td>
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<td>Mrs. Shalini P</td>
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<tr>
<td>Mrs. Vijaya Lakshmi S</td>
<td>M.Tech</td>
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<tr>
<td>Mr. G Shashibhushan</td>
<td>M.Tech, (Ph.D)</td>
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<tr>
<td>Mrs. Seema S</td>
<td>M.Tech, (Ph.D)</td>
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<tr>
<td>Mr. Naveen I G</td>
<td>M.Tech, (Ph.D)</td>
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<tr>
<td>Mrs. Soumya Nadgir</td>
<td>M.Tech, (Ph.D)</td>
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<tr>
<td>Mr. Phanindar Ravi P</td>
<td>M.Tech, (Ph.D)</td>
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<tr>
<td>Mrs. Praveena N</td>
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<tr>
<td>Mrs. Bhuvaneswari</td>
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<tr>
<td>Mrs. Swetha L</td>
<td>M.Tech</td>
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<tr>
<td>Mrs. Rajeshwari K N</td>
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<tr>
<td>Mrs. Poongothai C</td>
<td>M.E, (Ph.D)</td>
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<tr>
<td>Mrs. Vijayashri B</td>
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<tr>
<td>Mrs. Sheetal Bagali</td>
<td>M.Tech, (Ph.D)</td>
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<tr>
<td>Mrs. Vani B P</td>
<td>M.Tech, (Ph.D)</td>
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<tr>
<td>Ms. Anju K Peter</td>
<td>M.Tech</td>
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<tr>
<td>Mr. D. S. Manjunath</td>
<td>B.E</td>
<td>Instructor</td>
</tr>
<tr>
<td>Mr. Radhakrishna</td>
<td>D.E.C.E</td>
<td>Junior Instructor</td>
</tr>
<tr>
<td>Mr. S.H. Ashok</td>
<td>B.E</td>
<td>System Analyst</td>
</tr>
<tr>
<td>Mrs. R. Rekha</td>
<td>D.E.C.E</td>
<td>Junior Instructor</td>
</tr>
<tr>
<td>Mrs. Ragini B H</td>
<td>D.E.C.E</td>
<td>Junior Instructor</td>
</tr>
<tr>
<td>Mrs. K. Nethravathi</td>
<td>BSc</td>
<td>Clerk</td>
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</table>
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
- **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 Venkateshwar College of Engineering, Sept 2019.

Santhosh S, Vinayaupadhya 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 28th Feb 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 SJCIT, Chikkaballapur; bronze medalist in Taekwondo tournament at VTU inter zonal tournament held at GAT, Bangalore.
Profile

Department of Information Science & Engineering
## TEACHING FACULTY

<table>
<thead>
<tr>
<th>NAME OF THE STAFF</th>
<th>QUALIFICATION</th>
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<tbody>
<tr>
<td>Dr. P. Vijayakarthik</td>
<td>M.E., Ph.D</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Sheshappa S.N</td>
<td>M.E., Ph.D</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Vanipriya. C.H</td>
<td>M.E., Ph.D</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Mr. Raghav S.</td>
<td>M.Tech</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Mr. Vijayakumara Y.M.</td>
<td>M.Tech</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. Byregowda B.K</td>
<td>M.Tech</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mrs. Suguna M K</td>
<td>M.E</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mrs. Shanta H Biradar</td>
<td>M.Tech (Ph.D)</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. Manohar R.</td>
<td>M.Tech (Ph.D)</td>
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## NON-TEACHING FACULTY

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<tbody>
<tr>
<td>Mr. Sridhar.V</td>
<td>B.E.</td>
<td>System Admin</td>
</tr>
<tr>
<td>Mr. Ramesh. K</td>
<td>B.E.</td>
<td>Lab Technician</td>
</tr>
<tr>
<td>Mrs. Niveditha. A</td>
<td>MCA</td>
<td>Programmer</td>
</tr>
<tr>
<td>Mr. Peethambaram. N</td>
<td>M.A</td>
<td>Clerk</td>
</tr>
<tr>
<td>Mr. T. Ramesh</td>
<td>-</td>
<td>Peon</td>
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</table>

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
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 interdisciplinary research. We have received Industrial funding for research and we are providing consultancy services.

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

Our students are placed in good companies like Infosys, TCS, Amazon, Accenture, CTS, Robert BOSCH, Wipro, Tech Mahindra, IBM, 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
Faculty Achievements

1) Dr. P. Vijayakarthik 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 3rd 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 4th year have published a paper in an International Journal-IJARBEST.

4. Ms. Sanjana Cholaraju and Ms. N. Chandana from 4th 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.

Profile

Department of Mechanical Engineering
## TEACHING STAFF

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<td>Professor &amp; HOD</td>
</tr>
<tr>
<td>Dr. V SHANTHA</td>
<td>B.E, M.Sc (Eng.), Ph.D.</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. RAJENDRAKUMAR G PATIL</td>
<td>B.E(Mech), M.Tech(PDM), Ph.D.</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. G BALAKUMAR</td>
<td>B.E, M.E, Ph.D.</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Mr. K S MANOHARAN</td>
<td>B.E, M.Tech</td>
<td>Associate Professor</td>
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<tr>
<td>Mr. K EJAZ AHMED</td>
<td>B.E, M.Tech</td>
<td>Associate Professor</td>
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<tr>
<td>Mr. HALESH S B</td>
<td>B.E, M.Tech</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Mr. B M NAGESH</td>
<td>B.E, M.Sc (Eng.)</td>
<td>Associate Professor</td>
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<tr>
<td>Mr. JANARDHANA K</td>
<td>B.E, M.Tech</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Mr. MAHABOOB BASHA D</td>
<td>B.E, (M.E), M.Tech</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. KIRAN KUMAR M</td>
<td>B.E, M.Tech, Ph.D</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. PRASHANT S H</td>
<td>B.E, M.Tech (CIM), Ph.D.</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. HANAMANTRAYGOUDA M B</td>
<td>B.E, M.Tech (Design Eng.), Ph.D.</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. RAMESH C GULEDAGUDDA</td>
<td>B.E, M.Tech (Product Design &amp; Manufacturing), (Ph.D.)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. PRASHANTH L</td>
<td>B.E, M.Tech (Product Design &amp; Manufacturing), (Ph.D.)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. SHIVAKUMAR S</td>
<td>B.E, M.Tech, (Ph.D.)</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. CHETHAN D</td>
<td>B.E, M.Tech, (Ph.D.)</td>
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<tr>
<td>Mr. M NATARAJ</td>
<td>B.E, M.Tech (Machine Design), (Ph.D.)</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. B CHANDRASHEKAR</td>
<td>B.E, M.Tech (Thermal), (Ph.D.)</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. YESHVANTHA H S</td>
<td>B.E, M.Tech (PDM), (Ph.D)</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. KUMAR SWAMY R</td>
<td>B.E, M.Tech</td>
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<tr>
<td>Mr. SAMPATH KUMAR L</td>
<td>B.E, M.Tech, (Ph.D.)</td>
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<tr>
<td>Mr. MADHU KUMAR K</td>
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<tr>
<td>Mrs. VEENA B G</td>
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<tr>
<td>Mr. KARTHIK M</td>
<td>B.E, M.Tech</td>
<td>Assistant Professor</td>
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<tr>
<td>Mrs. ASHA RANI A</td>
<td>B.E, M.Tech</td>
<td>Assistant Professor</td>
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## NON-TEACHING TEACHING STAFF:

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<tbody>
<tr>
<td>Mrs. CHANDRAKALA R</td>
<td>MA Economics</td>
<td>Clerk-cum-Typist</td>
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<tr>
<td>Mr. DEVARAJA</td>
<td>Diploma</td>
<td>Jr.Instructor</td>
</tr>
<tr>
<td>Mr. MURALI B</td>
<td>ITI</td>
<td>Mechanic</td>
</tr>
<tr>
<td>Mr. GIRIDHAR K</td>
<td>ITI</td>
<td>Mechanic</td>
</tr>
<tr>
<td>Mr. RAJA D</td>
<td>ITI</td>
<td>Mechanic</td>
</tr>
<tr>
<td>M. LOKESH T</td>
<td>ITI &amp; NAC</td>
<td>Mechanic</td>
</tr>
<tr>
<td>Mr. SUDHAKAR RAJU K</td>
<td>SSLC</td>
<td>Lab-Attender</td>
</tr>
<tr>
<td>Mr. RAJANNA S</td>
<td>SSLC</td>
<td>Lab-Attender</td>
</tr>
<tr>
<td>Mr. SUBBARAJU N C</td>
<td>SSLC</td>
<td>Lab-Attender</td>
</tr>
<tr>
<td>Mr. BHASKAR N</td>
<td>SSLC</td>
<td>Helper</td>
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</table>
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.

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.
# TEACHING FACULTY

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<th>NAME OF THE STAFF</th>
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<tbody>
<tr>
<td>Dr. E. Kavitha</td>
<td>B.E., M.E., Ph.D</td>
<td>Professor and HOD</td>
</tr>
<tr>
<td>Mrs. Savita. A. Harkude</td>
<td>B.E., M.E.</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Mrs. M. Kalaiarasi</td>
<td>B.E., M.E.</td>
<td>Asst. Professor</td>
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<tr>
<td>Mr. Subhra Chakraborty</td>
<td>B.E., M. Tech.</td>
<td>Asst. Professor</td>
</tr>
<tr>
<td>Dr. Divyarani. M.S.</td>
<td>B.E., M. Tech. Ph.D</td>
<td>Asst. Professor</td>
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<tr>
<td>Mrs. SreeLakshmi T.</td>
<td>B.E., M. Tech.</td>
<td>Asst. Professor</td>
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<tr>
<td>Mrs. PadmaGayathri T K.</td>
<td>B.E., M. Tech.</td>
<td>Asst. Professor</td>
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<tr>
<td>Mr. Pradeep Kumar. S.</td>
<td>B.E., M. Tech.</td>
<td>Asst. Professor</td>
</tr>
<tr>
<td>Mrs. Sanjana C. Shekar</td>
<td>B.E., M. Tech.</td>
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# Non-Teaching Faculty

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<tbody>
<tr>
<td>Mr. Ravi Kumar</td>
<td>Technician</td>
</tr>
<tr>
<td>Sri. K Thejashekar Gupta</td>
<td>Jr. Instructor</td>
</tr>
<tr>
<td>Sri. L Nagabhushan</td>
<td>Mechanic</td>
</tr>
<tr>
<td>Sri. Anantha Raju V.</td>
<td>Attender</td>
</tr>
</tbody>
</table>
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.

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.
Profile
Department of
Electrical & Electronics Engineering
## TEACHING STAFF

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</tr>
<tr>
<td>Dr. Mahesh. K.</td>
<td>M.E, Ph.D.,</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr.M.S.Suresh</td>
<td>M.Tech, Ph.D.,</td>
<td>Assoc. Professor</td>
</tr>
<tr>
<td>Dr.C.V.Mohan</td>
<td>M.E, Ph.D.,</td>
<td>Assoc. Professor</td>
</tr>
<tr>
<td>Mrs. D.Beula</td>
<td>M.E, (Ph.D.,)</td>
<td>Assoc. Professor</td>
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<tr>
<td>Dr. R.Subha</td>
<td>M.Tech, Ph.D.,</td>
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<td>Mr. R.Sivapriyan</td>
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<tr>
<td>Dr. Nayana B.R.</td>
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</tr>
<tr>
<td>Mrs. Nanda M. Shivamoggi</td>
<td>M.Tech</td>
<td>Asst. Professor</td>
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<tr>
<td>Mrs. P.Sumalatha</td>
<td>M.Tech</td>
<td>Asst. Professor</td>
</tr>
<tr>
<td>Mrs. Rekha Radhakrishnan</td>
<td>M.S</td>
<td>Asst. Professor</td>
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<tr>
<td>Mr. Kumara Swamy R.</td>
<td>M.Tech</td>
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</tr>
<tr>
<td>Mrs. Bindiya Tyagi</td>
<td>M.Sc (Engg)</td>
<td>Asst. Professor</td>
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<tr>
<td>Mrs. Anchal Chhabra</td>
<td>M.Tech</td>
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<tr>
<td>Mrs. Janki B. Borad</td>
<td>M.E</td>
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<tr>
<td>Mr. Nitin Kumar Reddy K.N.</td>
<td>M.Tech</td>
<td>Asst. Professor</td>
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<tr>
<td>Mrs. Vidyashree N.A.</td>
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<tr>
<td>Mrs. Reshma T.M.</td>
<td>M.Tech</td>
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<td>Mr. Kiran B. V.</td>
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<tr>
<td>Mr. Bhaskar C.</td>
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<td>Mrs. M. K. Vasantthi</td>
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<td>Ms. P. Jyothi</td>
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<tr>
<th>NAME OF THE STAFF</th>
<th>QUALIFICATION</th>
<th>DESIGNATION</th>
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<tbody>
<tr>
<td>Mr. Krishnamurthy U. Rao</td>
<td>B.E</td>
<td>Instructor</td>
</tr>
<tr>
<td>Mr. Parandhama. S. H.</td>
<td>Diploma</td>
<td>Electrician</td>
</tr>
<tr>
<td>Mr. D.S. Suresh</td>
<td>Diploma</td>
<td>Electrician</td>
</tr>
<tr>
<td>Mr. Mahadeva Prasad K. B.</td>
<td>ITI</td>
<td>Technician</td>
</tr>
<tr>
<td>Mr. Chinnabba Raju. S</td>
<td>SSLC</td>
<td>Lab Attender</td>
</tr>
<tr>
<td>Mrs. Pramila B. M.</td>
<td>B.Sc</td>
<td>Clerk/Typist</td>
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</table>
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.
- 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 Elexsi, 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.
Profile

Department of Biotechnology
## TEACHING STAFF

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<tr>
<th>NAME</th>
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<tr>
<td>Dr. H.G. Nagendra</td>
<td>M. Sc, Ph. D</td>
<td>PROF &amp; HEAD</td>
</tr>
<tr>
<td>Dr. Chandrashekhar Naik</td>
<td>M. Sc, M. Phil, Ph. D</td>
<td>PROF.</td>
</tr>
<tr>
<td>Dr. Mrinalini Menon</td>
<td>M. Sc, Ph. D</td>
<td>ASSOC.PROF</td>
</tr>
<tr>
<td>Dr. Rajendra Singh C</td>
<td>M. Sc, M. Phil Ph. D</td>
<td>ASSOC.PROF</td>
</tr>
<tr>
<td>Dr. Priya Narayan</td>
<td>M. Sc, M. Phil, Ph. D</td>
<td>ASSOC.PROF</td>
</tr>
<tr>
<td>Mrs. A. Niveditha</td>
<td>ME, (Ph. D)</td>
<td>ASSOC.PROF</td>
</tr>
<tr>
<td>Dr. Jagadeesha Kumar.D</td>
<td>M. Sc, B.Ed, Ph.D</td>
<td>ASST.PROF</td>
</tr>
<tr>
<td>Dr. Sudevi Basu</td>
<td>M. Tech, Ph. D</td>
<td>ASST. PROF</td>
</tr>
<tr>
<td>Dr. Rashmi K V</td>
<td>M. Sc, Ph. D</td>
<td>ASST. PROF</td>
</tr>
<tr>
<td>Mr. Manjunath R</td>
<td>ME, (Ph. D)</td>
<td>ASST. PROF</td>
</tr>
<tr>
<td>Mrs. Halima R.</td>
<td>M. Tech, (Ph. D)</td>
<td>ASST. PROF</td>
</tr>
<tr>
<td>Mr. Ishwar Chandra</td>
<td>M. Tech, (Ph. D)</td>
<td>ASST. PROF</td>
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<tr>
<td>Mr. Hariharan. P</td>
<td>M.Sc, (Ph.D)</td>
<td>INSTRUCTOR</td>
</tr>
<tr>
<td>Mr. Narasimha Murthy</td>
<td>DME</td>
<td>ASST.INSTRUCTOR</td>
</tr>
<tr>
<td>Mrs. Shery Mol. S. M</td>
<td>B.Sc, M.Sc</td>
<td>DEO</td>
</tr>
<tr>
<td>Mrs. Lashmi Priya. M. R</td>
<td>B.E</td>
<td>LAB INSTRUCTOR</td>
</tr>
<tr>
<td>Mr. Srinivasaiah</td>
<td>10TH</td>
<td>PEON</td>
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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.

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 Caesalpiniabonducella 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.
Brindavana-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

- 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.

- 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: ARMOURE-1, at Dayananda Sagar College of Engineering, 28th January, 2020.

- 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.

- 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

- 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.

- 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.
Profile

Department of
Master of Business Administration
## TEACHING STAFF

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<tr>
<th>NAME OF THE STAFF</th>
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<tbody>
<tr>
<td>Dr. Sandhya Suswaram</td>
<td>MBA, MPhil, PhD, MSc, PGIR, PGGC, DLL, CEP (IISc)</td>
<td>Professor &amp; HOD</td>
</tr>
<tr>
<td>Dr. G. Srinivasa</td>
<td>MBA, PhD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Harisha B S</td>
<td>MBA, PhD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Lakshmi H</td>
<td>MBA, PhD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mrs. Tania Thomas</td>
<td>MBA (Ph.D)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mrs. Deepthi J R</td>
<td>MBA</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mrs. Srilakshmi Venkata Rao</td>
<td>MBA</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mrs. Ashwini Anand</td>
<td>MBA</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. Kiran S</td>
<td>MBA</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. Karthik S V</td>
<td>MBA</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. Mahesh N</td>
<td>MBA</td>
<td>Assistant Professor</td>
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<tbody>
<tr>
<td>Sri. Narayana Raju</td>
<td>BA</td>
<td>Clerk cum Typist</td>
</tr>
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</table>

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

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


Faculty invited as Resource Person:

- Dr. Sandhya S, Professor & HOD was invited as a resource person for:
  - MDP on "CORPORATE ETIQUETTE" at Global Medical Systems.
  - Workshop on Case analysis at Sri Venkateshwara College of Engineering.
  - National level FDP on ‘CASE STUDY ANALYSIS IN TEACHING’ at St. Teresa’s Degree College for Women.
  - 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.
Profile

Department of

Master of Computer Applications
### TEACHING STAFF:

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<tr>
<th>Name of the Staff</th>
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<tbody>
<tr>
<td>Dr. MANJULA SANJAY KOTI</td>
<td>MCA, M.Phil, Ph.D.</td>
<td>PROF. &amp; HOD</td>
</tr>
<tr>
<td>Ms. LAKSHMI K.</td>
<td>MCA, M.Phil</td>
<td>ASSO. PROF.</td>
</tr>
<tr>
<td>Ms. SUJATHA ANAND</td>
<td>MCA, M.Phil</td>
<td>ASSO. PROF.</td>
</tr>
<tr>
<td>Ms. LATHA R.</td>
<td>MCA, M.Phil</td>
<td>ASSO. PROF.</td>
</tr>
<tr>
<td>Mr. MUTHURAMALINGAM B.</td>
<td>MCA, M.Tech</td>
<td>ASST. PROF.</td>
</tr>
<tr>
<td>Ms. VANI HARAVE</td>
<td>MCA, M.Phil</td>
<td>ASST. PROF.</td>
</tr>
<tr>
<td>Mr. RAGHAVENDRA RAO B G</td>
<td>MCA</td>
<td>ASST. PROF.</td>
</tr>
<tr>
<td>Mr. VASANTHA S</td>
<td>MCA</td>
<td>ASST. PROF.</td>
</tr>
<tr>
<td>Ms. SNEHA BHARTI</td>
<td>MCA</td>
<td>ASST. PROF.</td>
</tr>
<tr>
<td>Ms. KOMALA R</td>
<td>MCA</td>
<td>ASST. PROF.</td>
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<tbody>
<tr>
<td>Ms. ASHWINI</td>
<td>MCA</td>
<td>PROGRAMMER</td>
</tr>
<tr>
<td>Ms. NIVEDITA</td>
<td>MCA</td>
<td>PROGRAMMER</td>
</tr>
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ICECMSN 2020

SPD on Advanced Python Programming and Application Framework
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.

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. A 3 days Student Development Program on Advanced Python Programming and Application Framework was organized on 25th, 26th & 27th September 2019 for 3rd and 5th 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 11th, 12th & 13th 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 22nd 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 28th 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.


3) Students have enrolled for online certification courses during COVID-19 lockdown period and have completed the courses successfully.
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 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**

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<tbody>
<tr>
<td>Dr. G. M. KRISHNAIAH</td>
<td>B.Sc, M. Sc., Ph. D</td>
<td>Professor &amp; HOD</td>
</tr>
<tr>
<td>Mr. H. M. SATHYANANDA</td>
<td>B.Sc, M. Sc., M. Phil., (Ph. D)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. G. K. PRASHANTH</td>
<td>B.Sc, M. Sc., M. Phil., Ph. D</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. ANIMA UPADHYAY</td>
<td>B.Sc, M. Sc., Ph. D</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. M. MUTHURAJU</td>
<td>B.Sc, M. Sc.</td>
<td>Assistant Professor</td>
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<tr>
<td>Mr. G.R. SHIVAKUMAR</td>
<td>B. Sc.</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Mr. K. RAMESH KUMAR</td>
<td>SSLC</td>
<td>Lab attender</td>
</tr>
</tbody>
</table>
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

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

### NON-TEACHING STAFF

<table>
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<th>NAME OF THE STAFF</th>
<th>QUALIFICATIONS</th>
<th>DESIGNATION</th>
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<tbody>
<tr>
<td>Mr. KUPPARAJU</td>
<td>SSLC</td>
<td>Peon</td>
</tr>
<tr>
<td>Mr. MUNIRAJU</td>
<td>SSLC</td>
<td>Lab Assistant</td>
</tr>
</tbody>
</table>
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.

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 DAIVAJṆA – 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**

<table>
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<tr>
<td>Dr. S. K. Uma</td>
<td>M.Sc., Ph.D</td>
<td>Professor &amp; HOD</td>
</tr>
<tr>
<td>Dr. Gangadhariah. Y. H</td>
<td>M.Sc., Ph.D</td>
<td>Professor</td>
</tr>
<tr>
<td>Ms. S. Uma</td>
<td>M.Sc</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Ms. Chaya. T. Y</td>
<td>M.Sc.,M.Phil.,( Ph.D)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. Aravind. P. N</td>
<td>M.Sc</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Ms. Shuba. R. N</td>
<td>M.Sc,( Ph.D)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Ms. Malashri S</td>
<td>M.Sc</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Ms. Chetana. M. B</td>
<td>M.Sc,( Ph.D)</td>
<td>Assistant Professor</td>
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</table>
Profile
Training & Placement Cell

Campus Placement
STAFF OF TRAINING AND PLACEMENT CELL

<table>
<thead>
<tr>
<th>NAME</th>
<th>DESIGNATION</th>
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<tbody>
<tr>
<td>PROF. S. H. KHAN</td>
<td>Director (Training &amp; Placement)</td>
</tr>
<tr>
<td>H. BASAVARAJA</td>
<td>Assistant Instructor</td>
</tr>
<tr>
<td>SHIVA KUMAR. S</td>
<td>Office Assistant</td>
</tr>
</tbody>
</table>

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

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

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

Tesco

CGI

Amazon

Microland

Bosch

Sasken

Unisys

Accenture

Mindtree

Manhattan Associates

L&T Infotech

Continental
Profile

Library and Information Centre
<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the Staff</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mr. Ravish P.Y.</td>
<td>Librarian</td>
</tr>
<tr>
<td>2</td>
<td>Mr. Ramaiah</td>
<td>Clerk</td>
</tr>
<tr>
<td>3</td>
<td>Ms. V.B. Uma Devi</td>
<td>Clerk /Typist</td>
</tr>
<tr>
<td>4</td>
<td>Mr. M. Balachandra Raju</td>
<td>Helper</td>
</tr>
<tr>
<td>5</td>
<td>Mr. K. Parthasarathi</td>
<td>Attender</td>
</tr>
</tbody>
</table>

**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
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**

- Library Members can check past and current transactions.
- Library Members do not have to run to the Library for lectures to renew books or place reservations for items that are on loan.
- Library Members can renew or reserve books for the comfort of your home at any time of the day.
Profile

Department of Physical Education
DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

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.

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-1 No (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.
The following students have won the medals in VTU Inter-collegiate competitions in individual events for the year 2019-20.

### JUDO Medalist

<table>
<thead>
<tr>
<th>SI No</th>
<th>Name</th>
<th>Sem &amp; Branch</th>
<th>USN</th>
<th>Weight</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Trupthi V Shetty</td>
<td>5th ECE</td>
<td>1MV17EC117</td>
<td>44</td>
<td>Silver</td>
</tr>
<tr>
<td>2</td>
<td>Rajeshwari Gupta</td>
<td>3rd TE</td>
<td>1MV18TE030</td>
<td>48</td>
<td>Silver</td>
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<tr>
<td>3</td>
<td>Pratheesha</td>
<td>5th BT</td>
<td>1MV17BT018</td>
<td>52</td>
<td>Silver</td>
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<tr>
<td>4</td>
<td>Priyanka S</td>
<td>7th ME</td>
<td>1MV16ME068</td>
<td>57</td>
<td>Gold</td>
</tr>
<tr>
<td>5</td>
<td>Sahana B T</td>
<td>5th BT</td>
<td>1MV17BT023</td>
<td>63</td>
<td>Silver</td>
</tr>
<tr>
<td>6</td>
<td>Jasmine Karam</td>
<td>3rd CSE</td>
<td>1MV18CS037</td>
<td>70</td>
<td>Gold</td>
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<tr>
<td>7</td>
<td>Nafisa</td>
<td>7th CSE</td>
<td>1MV15CS065</td>
<td>78</td>
<td>Bronze</td>
</tr>
<tr>
<td>8</td>
<td>Vishal Thakur</td>
<td>3rd CSE</td>
<td>1MV18CS124</td>
<td>73</td>
<td>Bronze</td>
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### WRESTLING MEDALIST

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<tr>
<td>1</td>
<td>Rajeshwari Gupta</td>
<td>3rd TE</td>
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<tr>
<td>2</td>
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<td>7th ME</td>
<td>1MV16ME068</td>
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<td>Gold</td>
</tr>
<tr>
<td>3</td>
<td>Sahana B T</td>
<td>5th BT</td>
<td>1MV17BT023</td>
<td>57</td>
<td>Bronze</td>
</tr>
<tr>
<td>4</td>
<td>Jasmine Karam</td>
<td>3rd CSE</td>
<td>1MV18CS037</td>
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<td>Gold</td>
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<tr>
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<td>Nafisa</td>
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<td>1MV15CS065</td>
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<td>Gold</td>
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<td>6</td>
<td>Jyotnsa P</td>
<td>1st CSE</td>
<td>D 37</td>
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<td>Vishal Thakur</td>
<td>3rd CSE</td>
<td>1MV18CS124</td>
<td>70</td>
<td>Bronze</td>
</tr>
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</table>

**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).
## TAEKWONDO MEDALIST

<table>
<thead>
<tr>
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<tr>
<td>1</td>
<td>Trupthi V Shetty</td>
<td>5th ECE</td>
<td>1MV17EC117</td>
<td>44</td>
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<tr>
<td>2</td>
<td>Nayanika Ranjan</td>
<td>7th EEE</td>
<td>1MV16EE059</td>
<td>53</td>
<td>Silver</td>
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<td>Jasmine Karam</td>
<td>3rd CSE</td>
<td>1MV18CS037</td>
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<td>Gold</td>
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<tr>
<td>4</td>
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<tr>
<td>5</td>
<td>Yashovardhan M Sinha</td>
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## SWIMMING

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<th>USN</th>
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<tr>
<td>1</td>
<td>Samiksha S Satpute</td>
<td>3rd ISE</td>
<td>1MV18IS049</td>
<td>B. Stroke</td>
<td>2 Bronze</td>
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## BADMINTON

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<th>Sem/ Branch</th>
<th>Organisation</th>
<th>Venue</th>
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<tbody>
<tr>
<td>1</td>
<td>Navomi Vinod</td>
<td>Net Ball (M)</td>
<td>2nd ME</td>
<td>Calicut University</td>
<td>Kerala</td>
</tr>
<tr>
<td>2</td>
<td>Wallusha</td>
<td>Winners</td>
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## All India Inter /South Zone University Participated Players 2019-20.

<table>
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<tr>
<th>SL No</th>
<th>Name</th>
<th>Game</th>
<th>Sem/ Branch</th>
<th>Organisation</th>
<th>Venue</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Puneeth S</td>
<td>Net Ball (M)</td>
<td>2nd ME</td>
<td>Calicut University</td>
<td>Kerala</td>
</tr>
<tr>
<td>2</td>
<td>Jasmine Karam</td>
<td>Taekwondo (W)</td>
<td>4th CS</td>
<td>Punjab university</td>
<td>Punjab</td>
</tr>
<tr>
<td>3</td>
<td>Ravikumar S K</td>
<td>Tug of War (M)</td>
<td>8th ME</td>
<td>Kalinga Institute of Science, Bhubaneswar.</td>
<td>Odisha</td>
</tr>
<tr>
<td>4</td>
<td>Muhammed Affed</td>
<td>Tug of War (M)</td>
<td>8th ME</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Shalini Bansal</td>
<td>Hand Ball (W)</td>
<td>8th ME</td>
<td>University of Calicut</td>
<td>Kerala</td>
</tr>
<tr>
<td>6</td>
<td>Rohan Poonaccha</td>
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Prize winners of Judo women team

Prize winners of Wrestling
Prize winners of Basket ball

Prize winners of women Wrestling
Literature & Articles
नवरूज वायकर
महाश्वेतो दिवसमिति

कङ्कारी(सु.सं.)

महाश्वेतो दिवसमिति

महाश्वेतो दिवसमिति

महाश्वेतो दिवसमिति
मळण (महोज्ज्वल)

मळण है, मळण है
मळण है क्षणोऽ
'मळण-हृत' (संजन वर्ण हृत)
रक्षण-वर्णसेव....
मळण-जिसचमले 'गल' (जिसचमले)
प्रेम-विरोच्य 'त्वक' (त्वक)

अंदरणे

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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 utilize online 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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Whenever 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 HippolyteMichon 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 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.
We 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.

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.
Few 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.

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**DISCORD**

On 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

---

**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

---

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

**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.

We 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.
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.

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.

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.
कभी-कभी मुस्काती हूँ मैं
गीत पुराने गाती हूँ मैं
चलती हूँ, बैकफ़्लॉर गाह पर
खुद पर ही इंतलाही हूँ मैं

नहीं किसी की पतवाह कोई
कितने भी कोई काटे बोए
रैंड के मजलेप पर पहुँचूंगी
हर सपना शाकार करूंगी

दुनिया को मैं दिख लांजूंगी
विजय-पता फहरांगी
ओरी? क्रृतिद दानवता को
मानवता से मिलांजूंगी

मुझे इल्म है सुझकल होगी
अपने भी सब होगे ढोंगी
झहर बुझे शर से बींधँगे
तन्ज़ कसेंगे चाल चलेंगे

भय तजकर निबंध चलूंगी
क्यों कर मैं सह मूंगी डरूंगी
बस्सन्त तक जो रहा कैद में
उस मन कोआजाद करूंगी

खुदा को देखना होतो,
फ़ाना कर दे जनमअपना !
जो चाहा गौंस की हर दम,
मना उसको मनम अपना !
अगर सेज़ैंत चहे तो,
तेरी हस्सी फ़ाना कर दे !

रहेंगी कब तलक दौलत,
फ़ाइर उसका भरम अपना !
मिजाज़ी दशक के दिवाने,
कब तक है मिजाज़ अपना !
ए पिंज़र खाली हो जाए,
निकल जाएगा दमअपना !

Dr. ANIMA UPADHYAY
Assistant Professor
Dept. of Chemistry

SANA ISMAIL
IV SEM ECE

SHAHNAAZ BEGUM
Asst. Professor, English
Dept. of Humanities
राष्ट्रगान का प्रत्येक शब्द कुछ कहता है।

जन? भारत की जन जाँक।

गण? गण राज्य भारत।

मन अधिनायक जयहैं? आदर्शों का प्रतीक झंडा ऊँचा रहे भारत भार्य विधाता? हमारा भारतीय संविधान।

पंजाब, सिंधु, गुजरात, महारा, द्रविड उन्नी संग - भारतकेरंग – विंगेन्द्रेश।

विध्य हिमाचल? हिमालय तथा वित्त्याचल पर्वत।

बयूना गंगा? भारत की नदियों।

उच्चल जल थितरंग? देश के तीनों और समुद्र लहरता है।

तव शुभ नामे जागे? भारत का नाम शुभ है।

तव शुभ आशीश मागे? हम तुम्हाराआशीवान्द माँगते हैं।

गाहे, तव जय गाधा? हम सब तुम्हारी जय गाते हैं।

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

भारत भार्य विधाता? हमारा भारतीय संविधान।

जयहे? हमारी धल सेना की विजयकी कहानी।

जयहे? हमारी जल सेना की विजयकी कहानी।

जयहे? हमारी बाण सेना की विजय की कहानी।

जय जय जय जय हे? सबकी जय हो।

जनगणना, भारत का राष्ट्रगान मूल: स्वीन्द्रनाथ टेंगोर द्वारा लिखा गया था।

राष्ट्रगान कीअवधि 52 सेंकेंड है।

24 जनवरी 1950 को राष्ट्रगान जनगणना को अपनाया गया था। कितनी विद्वेष 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 धार्मि मे पिपोने का काम करता है, अनेक ताम एक्ट वा भार 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 आयो हो वटुनिया के किसी भी कोनो में ही कबी ना हो हमें भारतीय होने पर गाया होना चाहिए एवं राष्ट्रसंबंधित जैसे हमारा राष्ट्रगान -जनगणना 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।

जयहिंदः, जयभारत

ADITI SINGH

I SEM, CSE
RAVIKUMAR ISHWAR NAIK, VI SEM, MECHANICAL ENGINEERING
Art & Photography

TARUN A. II SEM, ELECTRONICS & TELECOMMUNICATION ENGINEERING

NEHAL MODI, IV SEM, INFORMATION SCIENCE & ENGINEERING
Art & Photography

BHOOMIKA, IV SEM
BIOTECHNOLOGY

Dr. VANI PRIYA C H
ASSOCIATE PROFESSOR, ISE

MEGHANA K. IV SEM, ELECTRONICS & COMMUNICATION ENGINEERING
Art & Photography

NISCHITH K. IV SEM ELECTRICAL & ELECTRONICS ENGINEERING

SAI GANESH, IV SEM MECHANICAL ENGINEERING
Art & Photography

BHOOMIKA S., IV SEM, BIOTECHNOLOGY

ADITYA P S IInd SEM., MBA B section

MAAZ AHMED VI SEM. ECE
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- MBA
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