

Konnnect 2019

From the Batch Graduating 2019



Department of Telecommunication
Engineering Accredited by NBA for FIVE
years (Tier-I Format)

BMS College of Engineering
Affiliated to VTU, Accredited by NAAC
Bengaluru-560019

Department Vision

Our graduates shall be globally competent Engineering professionals

Department Mission

The department will achieve the Vision through: Framing suitable curriculum; followed by effective implementation of the framed curriculum; Execute industry relevant projects; Pursue Research leading to International Journal/ Conference publications and Provide due emphasis on Professional Ethics and Social/Environmental Concerns

About the Department

The Department of Telecommunication Engineering established in the year 1986 offers four year Under Graduate program in Telecommunication Engineering. The faculty of the department practice innovative methods in the Teaching-Learning-Process (T-L-P) that leads to effective implementation of Outcomes-Based-Education (OBE). This quality is reflected through the department getting **accredited by NBA for FIVE years in the Tier-I format** (applicable for Batches graduating from 2014 to 2018). The strength of the department is the Human Resource: Dedicated faculty, necessary technical staff and enthusiastic students.

The curriculum takes the student through effective usage of Modern Engineering Tools like: Matlab, LabVIEW, Multisim, Xilinx, Mentor Graphics, Code-Composer-Studio, Qualnet and HFSS simulation tools. Through the AICTE-MODROBS funding, FOUR laboratories in the department have been modernized: (i) Signal Analysis &

Synthesis, (ii) Analog & Digital Electronics, (iii) Signal Processing & Embedded and (iv) Digital Communication. The interaction with National Instruments has resulted in the successful completion of the AICTE-IIPC Project. The department has strong interactions with relevant industries, and their contribution is reflected in through guidance in curriculum design, organization of industrial visits, conduction of expert lectures, organization of workshops, and joint research.

The department is a recognized research center by VTU. All faculties actively pursue research in core-domain and in the domain of Engineering Education. Research carried out in the department has resulted in total of 299 publications (70 Peer-Reviewed Journal publications, 195 International Conference publications, 34 National Conference publications). The Projects of our under graduate students has resulted in 134 publications.

The department prepares the graduating engineers so that they are able to pursue a successful professional career. The quality of the graduating students is reflected in good on-campus/off-campus recruitments. A significant number of our graduates pursue higher education in Engineering/Management in prestigious Universities in India and outside India (Europe/ America/ Australia).



http://nbaind.org/Views/wa_program_int.aspx

Contributory Articles by the students

Water is my strength

I started swimming because my mom wanted me to as one of her uncles drowned and passed away. It was a perfect start for me as I was still 3 years old. After I was done with summer camp the urge to swim was within me and I kept torturing mom to send me back there. I officially started when I was 5 years old, attended a few non-medalist meets and started winning golds in those. My head coach noticed this and asked my coach to conduct time trials and assess my talents. Once I did well in those I kept getting promoted faster and it was my honor to swim with all the great champions.

As years passed by my parents supported me with both my studies and swimming . I continued representing my State at the nationals and won medals for the State. Every single medal at the state and nationals had a lot of hard work behind it and setting records has always been a proud moment. Every day the schedule was too tight to even spend a little time with my family. I used to go running at 5:30 A.M and then rush to school or college. After school or college, I had to hit the gym and spend some time with my coaches for fitness and other muscle injury preventive exercise. Swimming at 6 P.M after a long day was very tiring and returning home after that was a total knock out for the day. I couldn't study at all. I always ended up studying in the last minute .Practicing during exams was necessary. After working for years I had a muscle injury in 2010 decreasing my speed and hence I was out of form for 2 years. My major comeback was in 2013 when I recovered and worked harder to get back in

the 2013 state creating records and beating the fastest swimmer in my main stroke. Later that year we had Senior states(Open Age)where I beat the best breast stokers(not my stroke) and clinched the gold. I have set many records at the nationals and state in the past few years . I'm happy that the younger generation has not been able to beat my record yet. I am also proud to be the fattest swimmer in INDIA.

Swimming was never a sport so easy to qualify for internationals in India. The first time I qualified for an International was in 2014 when I won a Silver at the nationals . There was a selection for the Swimming Championships in Poland. I was a 12th PCMB student and had to decline it as my CET clashed with it. The next competition I qualified for was The Pacific Games held in Australia, A dream come true for a swimmer where she could see her national flag held high in the competition. I was chosen for the Pacific Games and Placed 11th, 13th and 14th respectively in the events I had qualified for. It was one of the best experiences for me as it was my first international event and I topped among the girls in the team . I did equally well in the university selection by winning the individual championship both in 2015 and 2016 and 5 medals in the nationals (2015).I have around 7 individual championships and 13 years of experience in swimming and it has been the most wonderful thing throughout. With all the ups and downs in my life swimming has always made me cheer up and do things which I thought I can never achieve. Swimming has and will

always be a part of me until the last breath as the water is my strength.

-K Harishree J Rai

“What Do You Hope To Achieve In Your Lifetime?”

As a kid, I'm sure most of us have been asked the question, "So what do you want to become when you grow up?" Our answers were varied and unique and were a symbol of the hope we all had. As I grew older, I realized that it is not what we wanted to become when we grew up that was important, but it was what we achieved as an individual and the number of lives we touch that counts more. Our actions and thoughts make us what we are. To become the ideal person, we must think in that direction.

In 2015, the Queen's Commonwealth Essay Competition was held, in association with Cambridge University Press. The topic I chose was this. The theme was "A Young Commonwealth". I was elated to find that I had won bronze in this competition. This is what I wrote-

All I wish for is happiness and success,
And the eternal desire to help those in distress,
For to see their astonished expressions,
And eyes that embody their spirit with precision,
I hope I work endlessly and without irritation,
To make sure their lives find a firm foundation.

Mahatma Gandhi, the father of my nation, said "The best way to find yourself, is to lose yourself in the service of others". To do precisely that is my ultimate ambition.

In the delirium that surrounds us every day, in the hustle and bustle of daily life that makes us forget who we really are and what our purpose here actually is, it is often easy to become so absorbed in our own lives, that

we forget the lives of the people around us. Explicating on that, I want to achieve a life in which I do the precise opposite of the aforementioned statement.

I remember one incident that acted as the spark that ignited this flame of benevolence in me. I was 9 years old. Having eaten to my heart's content in a restaurant in the heart of the city, I walked on the grey pavement, holding my mother's hand. A boy of perhaps 6 or 7 walked up to us. His eyes were suffused with suffering and were gleaming with the strange light of the poverty-stricken. He was dressed in torn rags and his hair was unkempt and matted with dust. He held beautiful white jasmine flowers in a basket which was precariously balanced on his small head. He pleaded my mother to buy a few of his flowers so that he could have a measly dinner back home. I did not, however, feel sad looking at this young boy. Instead, I felt raw volcanic anger rising up within me. This boy was walking on the streets all day, in the hot blistering Indian summer, without shoes to cover his sore-infested feet, begging strangers to give him a mere rupee and no one was doing anything to help him. Sure, people bought his flowers to show their pity, but that wasn't an enormous help to him at all. Someone had to do something, anything, to help this boy get off the streets and get a decent education. It was in that moment that I decided that I would dedicate my life to others and would help kids like him get the life they deserve.

In saying that do understand that there will be times when I will feel distraught, perturbed and just completely and utterly lost in the labyrinthine caves of life. I will be confused, at a crossroads, lost without a map to guide me. It is in these moments of weakness that I will be compelled to take the easier route, the simpler life. But, it is also in these moments of turmoil that I hope I

remember the millions who are struggling twice as much as I am. To accomplish that would mean a great deal to me. When I am in the midst of a strife, I want to be brave enough to do what is best for the world, rather than what is best for ME.

The Earth is a loving, caring, nurturing mother. The doctrine of Buddhism explains that we are interconnected to all other life forms and that we are all ONE. That implies that we are interconnected and bound to Mother Earth as well, and, to damage her would be to damage ourselves. Hurt her, and we would undoubtedly be hurting ourselves. Therefore, I want to help save planet Earth, by preserving her beauty and grandeur for generations to see, and extol. I want to save forest ecosystems and the wildlife they contain. I want to abolish the dominance of man over nature. I want to spread the message of harmony with nature. Surely, when we are harmonious with nature, we can find inner peace and tranquility, and our body will be at one with our soul.

I honestly believe that if one wants to achieve something, he/she should do what they love and not be pressurized into living a life they do not wish to live. And I want to achieve a life like that. I want to break out of imposed barriers, hammer at the fetters that bind me, and try my best to subvert the patriarchal paradigm because I believe that that is what India needs.

I want to do my part as a citizen of India, by trying with all my might to abolish the image of India as aural, backward, country of the poverty-stricken and the uneducated to one of the super-powers of the world, spreading its chained wings which were covered with the faint mud of the earth, scattering the dust that glossed over its glory. India is remarkably beautiful, but millions around the world fail to recognize

India for her rich, varied, diverse culture and heritage. I wish to change that.

William Morris said, "The true secret of happiness lies in taking a genuine interest in all the details of daily life". I completely concur with that opinion want to live a life in which I take pleasure in doing the smallest things, be it turning on the oven or spreading butter all over my toast or seeing strangers on the subway, each living their own story. I hope I find more happiness than I can bear, in going about my daily chores, so much so, that they lose the monotonous atmosphere that envelops them.

For years, I believed that the only way to stop suffering was to avoid it. I lived by the principle "Why confront something you can avoid?" But I realized how wrong I was when I came across the teachings of the Buddha. He says, happiness and suffering are a state of mind. And that truly enlightened me. I want to live a life in which, regardless of my suffering, I can still find my source of happiness, when I delve deep into the recesses of my mind. I hope I possess the grit and prowess to find happiness in the most dismal, miserable moments of life.

Sanskrit, the sacred language of Hinduism, encompasses a wide collection of mystical poems and literature. It is primarily used to recite hymns called slokas and mantras. It is sad to note that in recent times, this wonderfully intricate language is slowly dying away, and a day might soon arrive when Sanskrit is a lost language of the past. I want to spread the teachings and literature of Sanskrit around the world, so that more people will realize that Sanskrit is indeed a language worth reviving. The two great epics of my country, the Ramayana and the Mahabharata were written in Sanskrit. Even though they have been translated into a multitude of different languages, the true

essence, values and spirit of these books can be understood only by reading them in the language in which they were originally written. So, as a means of professing my love for my country and its culture, I take it as my responsibility to convert Sanskrit from a dying language to a universally acclaimed and renowned language.

I do not want to live a life filled with regrets. I hope I cherish the small things in life the most hope I find limitless, boundless happiness in seeing the wonders of Mother Nature. As I see the crepuscular light of the setting sun in the western horizon hope I find peace and contentment hope my body and my soul are in phase. I hope I feel more alive in every passing minute. I hope I never feel empty inside. Even if I do, I hope I have strength to valiantly stare at the face of adversity and not give up. Because dawn will bring another day, another opportunity to my doorstep. And I hope I am sanguine and intrepid enough to take it. And when it is time for the final curtains to close on the play of my life, and I prepare to leave this extraordinary, mysterious world, I hope I would have achieved the right to say "I helped make this world a better place".

SanchitaVishwa

Phase Shift, my experience

Phase Shift, for me, has been an absolutely wonderful experience. I had always wondered what college technical fests were like. I always thought of them as extremely boring, filled with lectures or seminars related to engineering. But, Phase Shift was completely different, it had events, lectures and seminars which were so fun filled and lively that even a non-engineering student could enjoy it.

My friends and I volunteered for an event called BOMB DIFFUSION on the first day

of Phase Shift. It was organized by the Electrical and Electronics department of our college. For this event we weren't given much work since we were first years and we did not know much about the electrical and electronic components. The next day we were in charge of on-spot registrations which was a different kind of an experience all together. We were required to arrive at college very early on Sunday morning. The registrations started off around 9:30am and did not stop until 1:00pm. There was a continuous flow of people flocking from different places which resulted in utter chaos for about 30 minutes. But eventually, we learned how to handle such a huge crowd.

Being at the on spot desk has taught me many things, from handling the money to talking fluently with a group of people. I also learned how to make myself heard above everyone else in a huge crowd.

Volunteering for Phase Shift has given me wonderful memories and experiences. I look forward to another awesome and eventful Phase Shift this time around.

Urvi Ajit Jere

UTSAV

BMSCE UTSAV is one of the biggest fests in Bengaluru and it is a great opportunity to learn, explore and grow in various activities apart from academics. I, Akshatha. N of telecommunication department was a volunteer for UTSAV in the year 2016. It was a wonderful experience working as a volunteer for such a massive event. UTSAV is the best platform for students like us to work and understand the essence of teamwork. I learnt a lot from being a part of the volunteering team of UTSAV. The seniors guided us and we were put into various groups, each handling different tasks. I was in the ON-SPOT team. My team

was very good, dedicated and performed well. UTSAV volunteering taught me how to manage money and convince new people to take part in events. It helped me in talking with new people and managing huge crowds. All in all it was a marvelous event and I am very glad I was a part of it.

Akshatha N

Poem:

Earth was beautiful with full of nature.....
Man wanted to make it more beautiful by constructing buildings.....
But man made the earth polluted and ugly.....
When we were worshipping sun and moon.....
That time we have no problems...
Now we know them as celestial bodies now we are getting many
Problems.....
I doubt sometimes whether civilizations is making man to think
Creatively and destructively.....??
EVERYONE PLEASE THINK ABOUT THIS...

Chethana Y

Heal
Steps of heaven
Steps of hell
Steps of sorrow
So soon to borrow
Starts to fly

Waves to shy
Let us shine till the hearts whine
A step forward to death
A step backward to fate
A world full of hate...

A million miles to the ocean
So far to the moon
So close to the soul
Reaping across minds
Feasting across hearts
Life is a healer
Life is a healer.....

A world full of money
So soon to Burry
A world full of hearts
So soon to part
Oceans of stars
Storming through galaxies
It's all nature that takes the part
It's all the hearts that heal
From parts to darts
Healing a life
Healing a soul
Is always a bowl
Full of sorrow and happiness
Life is a healer
Time is a healer Heal the world with a thousand hearts

Yashasvi Rajesh

Orientation

11 August, 2016: Indoor Stadium



On the 11th of August, 2016, 3rd semester students from all the branches attended orientation at the indoor stadium. The principal addressed them and offered words of encouragement to help kick-start their 2nd year at BMSCE. After that, the principal called forth one student representative from each branch to give a short overview of how their first year as an engineering student was. The students that got up on stage spoke about various aspects of their first year, but all of them had one thing in common- each and every one of them had had an extremely eventful year, filled with lots of opportunities, freedom and happiness!



The student who represented the Telecommunication Engineering department

was K Harishree J Rai. She spoke about how wonderful her first year in college was, and how she looked forward to studying for three more years at BMSCE. She also spoke about how supportive the department HOD was about her involvement in any sports related activities. After all the students were done recounting their experiences, the Heads of Departments were called upon stage to offer some advice to the students. All the HOD's spoke for a very brief amount of time and wished the students luck in all their future endeavors! In the end, the students were briefed about the change in some of the examination rules and regulations. They dispersed, with a hop in their step and a new vigor to take on any challenges that might come their way!

Expert Lectures and Workshops organized by the Department

Experts Lectures were always ingrained into the curriculum. It was ensured that there were at least three talks given every semester, by visiting professors and industry personnel. A keen effort has been taken to bridge the gap between the institution and the industry. The professors also dwelt on the scope for research as well as industry expectations.

Another notable mention was the alumni-student interaction where the seniors briefed the presently graduating batches about placements, and applying to universities abroad, and eve about founding start-ups. An insight on what to prepare for was given and the students found this very useful.

Workshop on Applications of Signal Processing

19th June, 2017 -23rd June , 2017

The workshop was planned during the semester break for second and third year students with an intention for MATLAB code to be applied for signal processing and also biomedical applications and accomplish deep learning, communication skills and team work. The workshop introduced the participants to the tools and enabled them to continue use this tool further during their engineering program. The participants were also introduced to the basics of GUI.



Workshop on Data Structures and Algorithms

4-9 January 2018

One week value added course on “Data Structures and Algorithms” was conducted for the students of Telecommunication Engineering. The workshop was conducted by Dr H S Guruprasad and Dr Shambhavi, faculty, Department of ISE, BMSCE.



Telecom Networks, Standards and Management in India

August 19 2017

Guest lecture was given by Mr Anand.M , Senior Research Engineer, C-DoT for the V semester students as the part of the Computer Communication Networks – 1 course.



Networking

September 14, 2017

A lecture was conducted for the volunteers of networking workshop, PHASE SHIFT 2017 by Mr Samba Murthy, General Manager, VIGVIN TECH MARK Pvt Ltd

Industrial Aspects of Networking

September 5, 2017

Webinar was given by Sushma Shrikanth, Software Director, CISCO Systems USA as part of the PHASESHIFT 2017.



Design for Test and its Importance

11 November 2017

Guest lecture by Mr Anand Bhat, Director of Engineering, INTEL for the course on Fundamentals of VLSI.



Entrepreneurship

September 9, 2017

Guest lecture was given by Mr Gopalan, Senior Software Engineering Manager, Intel, India.



Space Communication- A Practical Perspective

11 November 2017

Guest lecture by Mr B A Subramani, Secretary & Station Director Upagrah Amateur Radio Club, ISRO Satellite Centre. He motivated the students by telling them that by becoming a HAM Radio operator, any student can have a transmitting station

at their own homes that operates as a Satellite ground station, and that this is the only hobby in India that requires a license from the government to pursue it. He explained steps to become an Amateur HAM Radio operator, its numerous advantages and that it not only is one of the best hobbies any engineer can undertake but can also be a great benefit to the society.



CCNA course Introduction

16 November 2017

Guest lecture under BMSCE IEEE student chapter, by Mr Samba Murthy, General Manager, VigVin Tech. He motivated the students to join the training course as it will make them job-ready, give an upper hand during interviews and instill basic knowledge of networking fundamentals that will be a great aid throughout their career. He highlighted the list of topics that will be

covered in the training such as Network Fundamentals, LAN Switching Technologies, Routing, WAN, Infrastructure Services, Management and Security. He informed the students that the training course will help them greatly to pass the Cisco exam which will open career options in Networking domain. Some of the companies that hire students in networking domain are HCL, Juniper, Accenture, Airtel, etc.



IOT-Analytics

10 February 2018

Guest lecture by Mr Keeriti Kesavamurthy, Analytics – Architect, VISA Inc.



How to be industry Ready?

10 February 2018

Guest lecture by Mr Vighnesh Tyagarajan (Alumni), Embedded software developer at TCS.



Additional Skills for Placement

14 February 2018

Talk by Dr Ravishankar, Placement Office, BMS College of Engineering. He motivated the students to gain skills such as Artificial Intelligence, Machine learning, Deep Learning, Programming Languages, etc that are currently the most sought out topics that companies are looking for. He guided the students on how to hone and maximize their skills that are crucial in any job interview. He highlighted the importance of confidence and fearlessness during an interview.



Industry trends, Evolution and relevance of Networking

8 March 2018

Guest lecture by Vinay Rao, Technical Lead-CISCO.



Software for Space

17 March 2018

Guest lecture by P.J. Bhat, distinguished Scientist, ISRO (Retired). He gave a gist about the Essentialities, Technological areas involved, Attributes, Real Time systems and Models for Software in Satellites. He informed that the main purpose of satellite is essentialities like having a low launch cost, miniaturization of components, faster and cheaper production and most importantly a direct benefit to people such as fishermen, farmers and meteorologists. He also explained in brief the need for processors not only in ground stations but also on the satellite for controlling it, about the security features that are programmed to encrypt the data for safety.



Real time Image Processing Applications in Medical Domain

17 March 2018

Guest lecture by Nitin Bharadwaj, Alumni-TE, Associate Consultant at Siemens Healthineers, India for the 6th semester students.



Workshop on HAM Radio and Space Communication

5 April 2018

Department of Telecommunication Engineering in association with Upagrah Amateur Radio Club' ISRO Satellite Centre organized one day workshop for the 2nd, 4th and 6th semester students of Telecommunication Engg by Shri B. A Subramani, Secretary & Station Director, ISRO.



The role of Digital Communication in Aerospace Engineering

6 April 2018

Guest lecture for 6th semester Telecom students by Mr Suresh Rao, CEO, Director, ORNNOVA Systems, Bangalore. He gave a brief introduction about Digital Communication, types of aircrafts and importance of digital communication in aerospace. The training program conducted consists of a foundation course for one month that covers topics like Aerodynamics,

configurations, manufacturing, maintenance, etc and is followed by a three month advanced course on overall Aircraft Design & Development process, Structural Engineering and Equipment Engineering. The students will get industry-specific training, will implement projects and get a chance to work with state of the art lab and infrastructure with software applications. He spoke about the most recent project initiatives taken in aerospace and defense and their future plans and the increase of Artificial Intelligence employed in aerospace applications.



TELECOMBAT : National Level Project Contest

5 May 2018

Department of Telecommunication Engineering in association with IEEE-BMSCE student chapter organised a National level Project contest, TELECOMBAT for the students of ECE, EEE, TE, E&I and MI students.

The competition was planned by the Department of Telecommunication for students from all different colleges to showcase their practical knowledge in various fields. The students were evaluated by a panel of highly distinguished and renowned judges who were directors/managers of prominent core companies. The competition was a way for students to interact with them and gain valuable insight and feedback from them.

Industrial Visits

ISRO and HAL

September 4, 2017

Department of Telecommunication Engineering organized industrial visits to ISRO and HAL for the 3rd year students



Zscaler and Stellaps

17 January 2017

Department of Telecommunication Engineering organized industrial visits to Zscaler Technologies and Stellaps Technologies for the students of 6th semester.



HAL and Alpha Design

28 February 2018

Department of Telecommunication Engineering organized industrial visits to HAL and Alpha Design Technologies for the students of 6th semester.

At HAL, they learnt about the basic physics involved in the flying of a helicopter, the different types of helicopters manufactured and the working of some main parts of the helicopter. The students visited the R&D office and the corporate office of Alpha Design Technologies. They got to know their objectives, their joint venture products, the different simulators and products they provide to the Army, Navy and Air force. They were also shown and taught about the Telecommunication devices used in defense like radars, Interrogators, Software defined Radios and their limitations and applications. The students were allowed to try the tank simulator and experienced viewing night vision binoculars and thermal images. The visit was very informative and the students got a broad idea of what both industries do and current technologies they are working on.

Individual Accomplishments

Performance in Competitive Exams

GATE

Twenty Seven students took up GATE Exam 2019, **Amulya Nimmagadda** , **Y Shashi Kiran** and **Sandarsh MK** qualified the exam.

The others who have attempted GATE are S P Skandha, Ujwal U, Subodh manvi, Bhanu Priya, Akhila R, Madhura A, Shreedhar jolad, Sangeetha BM, Harsha Ramesh, Akash R Kathavate, Chethana Y, Yashaswini G Venkatappa, Tejesh V, Spandana D Y Krishnai Garudkar, Shashidhar, Nagayashas TN, Deepak yeladabagi, Hatti Vinay Kumar, Chethan M, Abhishek G, Meha C Wadher, Nandeesh G K

GRE

Navya Shree and Hrushikesh Deshpande have taken up GRE

TOEFL

Hrushikesh Deshpande, Madhura A have taken TOEFEL

IELTS

Abdul Ahad has taken IELTS

Hrushikesh Deshpande got into “New York Institute of Technology” For Networking and Cyber Security stream

Swaroop Joshi and Bhanupriya attended ITC-Indian Technology Congress in 2017

MOOC Courses taken by Students

A few students have taken up Massive Open Online Courses in different domains.

Hrushikesh Deshpande Completed the course “Cloud Computing” in NPTEL, Completed “Basic programming in Python” by Fossee group, IIT

Keerthana Kamesh Completed Online course "Data Science for Engineers" on NPTEL.

Sumit Shrey Has done "HBS online CORE(Business analyst, economics for managers and financial accounting) From Harvard business School 2018-19."

Akash R K Has done Cloud Computing: NPTEL (Online) – (Aug 2017 - Oct 2017)

Achala Completed the online course offered by IIT Madras on Fundamentals of Laplace transform

Tanisha Cariapa took up C and C++ crash course in SEED

Riya Sri did Python Online course.

BhanuPriya did the Python Online course MITx [edx], , Online course on cloud infrastructure technologies by edx

Madhura A completed Datascience course from Microsoft and Embedded course by Texas University

Nimmagadda Amulya did courses in C++ and C.

Shreyas HK did MOOC course

offered by IIT Bombay.

R.H.Praneeth took up the Python Online Course.

Pranav M Bharadwaj took up the Python Online Course and Algorithm MOOC course.

Jeevitha L did Diploma in Computers and completed projects in C++ and Java.

Vinay S Vasisht did courses in UNIX and C

Ranjith M Y did courses in UNIX and C.

Sandarsh M K did course on Signals and Systems offered by IIT Bombay.

Paper Publications

1) Tactile Internet: Next generation IoT
Authors: Akshatha, Rachita, Haritha, Harishree and Dr. Rajeshwari Hegde.

2) Feasibility of LPWAN and BLE hybrid networks for asset tracking.
Authors: Akshatha, Harishree and Shreenivas B.

3) Operating Support Systems on Mobile Networks at ICISC 2019 conference.
Authors: Skandha S P, Sneha Bhat, Uma Gowri S, Urvi Jere, Yashasvi R Machani, Dr Rajeshwari Hegde, Dr Sharath Kumar

4) Improving energy efficiency by VM placement and consolidation techniques in cloud computing : A survey
Authors: Akshatha, Harishree, Rachita and Rajeshwari Hegde.

Conference name: International Journal of Engineering Research and Technology (IJERT).

5) Security challenges in mobile communication networks at ICISC 2019 Conference, Coimbatore
Authors: Navya Shree N, Keertana Kamesh, Sanchita Vishwa, Radhika Ravikumar, Dr Rajeshwari Hegde, Dr Sharath Kumar

6) Different Aspects of 5G Wireless Network- An Overview at Conference: BDCC Springer 2018
Authors: Akash r kathavate, Bhanu Priya, Dr. Rajeshwari Hegde, Sharath Kumar

7) Mobile edge computing: an overview of MEC IN 5G at Conference: ICACCS 2019
Authors: Bhanu priya, Krishnai garudkar, n. Amulya, Riya sri

8) Evolution of GSM in South Asian Countries at 3rd International Conference on Inventive Systems and Control (ICISC 2019)
Authors: Achala Bhandari, Adil, Jasmine Shrestha and Rushnigwa Divin

9) Music Synthesis on Different Musical Instruments Using ARM Cortex-M4F Microcontroller To **IEEE ICNEWS** 2018
Authors : Madhura A and Dr. Rajeshwari Hegde

10) Construction of Magic Square of Any Order In Internal Journal of Research and Scientific Innovation
Author : Madhura A and Dr. Chaitra

Student Internships

Sumit Shrey Interned at Startup India under BIA, Govt of Bihar 2016. Kloudspot Inc, 2018. Grant Thronton India, 2019

Keerthana Kamesh Interned at GE Healthcare - Summer 2017 and 2018, wells Fargo - Jan 2019 to June 2019,

Akshatha N IOT internship with Experts Hub, Summer intern at Idea Cellular Limited, Internship at Kaleyra

Sandarsh M K -Interned at GE Healthcare

Bhanu Priya - Internships at Jusco 2016- data analytics of m-pesa, Tata steel 2017- study of wireless communication in Tata steel, Jio 2018- optimization of small cell network,

Achala Completed internship on NEPAL TELECOM and worked as volunteer for NEPAL RED CROSS SOCIETY

Arun Athreyas G interned at INT Riptide- IO

Akash R did Intern theory in student outreach

Rachita Ramesh interned at Ernst & Young Services Pvt.Ltd

Tanisha Cariapa interned at CUPA, an organization working towards animal welfare and safety.

Sanchita Vishwa did a summer internship at Youth For Seva, went to schools to teach and indulged herself in social service

Vishwajeet Nadgouda interned at Artflute gallery

Yashasvi R Machani interned at Machani Groups

Akash R K - Network Internship at Vodafone Mobile Service India Ltd Bangalore – (June 2018 -August 2018) Stadium Management Internship At Smaash Bangalore (BFC) Bangalore Ticket genie (RCB) Bangalore – (April 2018 - June 2018) Worked with Ticket genie for Stadium Management for IPL season of 2018 for Royal Challengers Bangalore. IoT Internship at EXPERTS HUB Bangalore - (Jul 2017 - Aug 2017)

Extra-Curricular Activities

Vishwajeet Nadgouda: Best Delegate(Spain. General Assembly –MUN 2016)

Harishree Rai: 1 silver, 1 bronze – Junior Nationals(Pune)

2 bronze, 2 silver – SGFI nationals(Rajkot, Gujarat)

2 silver, 3 bronze – Inter university(Chandigarh)

8 golds, 1 silver – VTU 2015

Individual Championship – VTU 2015

7 golds, 4 silvers – VTU 2016

Individual Championship – VTU 2016

Internationals – 9th place (Adelaide)

Selected for World University Games held at Taipei, Taiwan in August 2107, Selected for Khelo India held in Pune,

Sumit Shrey: Snooker: Among top 5 (State level – Under 19) and top 20 (National level – Under 19) in 2015

Sanchita Vishwa: Best Position paper (Security Council – MUN 2016), Volunteer at International Yoga Day, BMSCE, Bronze in Queen's Commonwealth Essay

Competition, 2nd place in Debate Competition held in Maharani Ammanni College- Rs.2000 cash prize



from Farouche 2016 to 2019, Worked as an editorial member of KONNECT

Navya Shree - TEDxBMSCE 2018 Curation Head, Secretary of Rotaract Club of BMSCE(2017-18)

S P Skanda - VTU inter college zonal tournament runner's dated 25/03/17 to 26/03/17 at New horizon college of engineering, Kreedotsav runners from 20/09/18 to 24/09/18 at BMS College of Engineering, VTU Inter college zonal tournament winners from 08/03/19 to 9/03/19 at Oxford college of engineering, VTU Inter zonal runners from 12/03/19 to 13/03/19 at RJIT doddballapur

Deepak yeladabagi - Farouche co coordinator of 2018, Farouche core committee member 2019 , Farouche Runner up in kabbadi 2017 2018 , Winner in kabbadi 2019 farouche

Bhanu Priya - Participated in talent hunt, volleyball and carrom in Farouche, Tata millennium scholarship- scholarship of 1 Lakh offered on the basis of 12th percentage

Achala - Participated in DANCE COMPETITION and FOOD FIESTA

MODEL UNITED NATIONS:

MUN-Model United Nations, an intra-collegiate platform to discuss and deliberate on various world issues while imitating the procedures involved at the United Nations, was held at BMSCE. A large number of students participated and each of them were allotted a separate country to represent. The delegates of various countries developed a better understanding of the procedures involved in the UN and of current day world-affairs. It helped improve their confidence in speaking in front of large crowds too. All in all, BMSCE MUN was as very enjoyable learning experience for all the participating delegates.

Participants:

Sanchita Vishwa (Security Council)
Navya Shree (General Assembly)
Radhika Ravikumar (General Assembly)
Vishwajeet (General Assembly)
TEDxBMSCE :

TEDx is an international community that gives a platform to people who have ideas worth sharing.

TEDxBMSCE was held on the 23rd of April, 2016. The theme this year, was Metamorphose. The entire day was filled with talks/performances by nine individual parties. Speakers involved a former Miss Supranational, a professional doodler, and a criminal profiler! The entire day was filled with eye opening deliverances and entertaining activities!

Organizing Team:

- 1)RH Praneeth (Photography)
- 2)Radhika Ravikumar(Volunteering committee)
- 3) Navya Shree (Organizing committee – Curation)

Attendees: Pranav M Bharadwaj
Harsha Ramesh
Swaroop Joshi
Vinay Vasisht

SAMAGRA (BY THE MELTON FOUNDATION)

Samagra was an international conference hosted by the Melton Foundation, an organization which promotes global citizenship across cultural barriers. The main theme behind Samagra was technology, sustainability and social innovation. Samagra went on for two days, the 8th and 9th of September, 2015. Those two days involved many seminars by people from various parts of the world, who have gone out of their way to bring about a significant change in the lives of people. A lot of hands-on work was involved during the conference too. The two days helped improve the students' ability to work in a team, the ability to express themselves, and also exposed them to various problems faced in creating innovative and sustainable technology.

Attendees

Sanchita Vishwa
Radhika Ravikumar
Harsha Ramesh

KREEDOTSAV

Kreedotsav is an annual event at BMSCE and is awaited eagerly by all the students who have been practicing all year for it. It is a platform for the students to showcase their proficiency in their choice of sport. It goes on for three whole days, in which students from various engineering colleges come to BMSCE to compete in a multitude of differing sports. In 2015, Kreedotsav was held on the 1st, 2nd and 3rd of October.

1. Nikhilesh .K

Nikhilesh had taken part in lawn tennis tournament in 2014-15 and had won the first prize in it. He had also succeeded in achieving the position of first runner up for the same in 2015-2016.

FAROUCHE -2016 (HOSTEL MONTH)

BMSCE hostel organized hostel month for the hostelites. It was a week full of cultural and sports activities . The following students from Telecommunication Engineering took part in the hostel month:

1. Abdul Ahad

Abdul Ahad from BMSCE-IH had taken part in Football during Farouche (Hostel Month). This event had taken place from the month of February of 2016 and had lasted till May 2016.

2. Achala Bhandari

Achala Bhandari had taken part in dance competition during Farouche representing IH. She had also performed inauguration dance in the Hostel Month.

3. Adil Ameen

AdilAmeen, being an IH member, had taken part in Football during Farouche. He had also been certified as a best volunteer for Farouche-2016. He had also taken part in dance competition during Hostel Month. Also, he and his group had achieved first prize for Fashion Show .

5. Amrani Sudi

Amrani Sudi had taken part in football competition in Farouche held on February-2016.

6.Bhanu Priya

BhanuPriya had taken part in football as a member of National Girl's Hostel Team during Farouche-2016. She had also volunteered during Food-Fiesta. Her group had also won third prize for fashion show. Also, she had achieved the best volunteer certificate in Farouche from national hostels.

7. Jasmine Shrestha

Jasmine Shrestha, an IH member, had taken part in dance competition along with an inauguration performance from IH students. She had also been an active member during Food-Fiesta. In addition to this, she and her group had won the first prize in fashion show in Farouche.

8.Krishnai Garudkar

Krishnai Garudkar, from National Hostels had taken part in Girl's Football match during Farouche and she had also served in Food- Fiesta.

10. Nischitha Raghunath

-Nischitha R. had taken part in football competition representing a member of GH.

She had also done volunteering during Food-Fiesta in Farouche-2016.

11. Nitin Kumar

-Nitin Kumar, from IH had participated in Football match in Farouche-2016.

12. Rushingwa Niwali Divin

-Rushingwa had taken part in basketball competition along with his IH team and had also been awarded with first prize.

13. Yeshovardhan

-Yeshovardhan and his group had taken part in fashion show and had grabbed the first prize during Farouche.



BLOOD DONATION CAMP ORGANIZED BY NSS



ETHNIC DAY

Ethnic day was one of the most awaited days in the even semester for the first

year students. Students dressed in vibrant, eye-catching clothes were seen roaming all around the college campus, occasionally stopping to click a picture or to compliment someone on how nice he/she looked!

It was a bright and sunny day on the 26th of March, 2016. The weather complemented the enthusiasm and joy of the students perfectly. As BMSCE pulls in a large, diverse crowd from many places outside Karnataka, a lot of different ethnicities were showcased.

Ethnic day was a memorable day where all the students got a chance to mingle with people from varied backgrounds and cultures, helping form stronger bonds between, and helping bridge the cultural gap.

On the occasion of the remembrance day of Dr. B S Narayan, the NSS team of BMSCE organized a blood donation camp on the 23rd of August, 2016. The following students from the Telecommunication Engineering department are proud donors of blood!

- 1.) Vinay H S
- 2.) Nischitha R
- 3.) Manasa A.S
- 4.) Tanmay Sai Srinivas Sonapuram
- 5.) Sumit Shrey
- 6.) Mukul Upadhyay
- 7.) Harsha Ramesh
- 8.) Tejesh V
- 9.) Pranav. M. Bharadwaj
- 10.) Akash R K



Phase shift 2015

-State level technical fest

Phase-shift, an intercollegiate technical symposium, hosted by various departments, was held on the 19th and 20th of September, 2015. This was the perfect platform for budding engineering students to show off their technical knowledge and skill. There were a series of exciting, exhilarating and challenging events lined up by the Telecommunication Engineering department in which students actively took part. Students from the Telecommunication Engineering department also volunteered and went campaigning during and for Phase shift.

Here is a list of students from Telecommunication, who participated in various ways:

Workshop:

LabView and Elvis:

1. Roopa H V
2. Uma
3. Shashidhar
4. Shreedhar
5. Vinay S Vasisht

6. Subodh Manvi
7. Madhura A

UTLP:

1. Jasmine Shrestha
2. Sneha Bhat
3. Akhila R
4. Arun Athreyas
5. Nandeesh G.K
6. Sanchita Vishwa
7. Navya Shree N
8. Mukul Upadhyay
9. Sandarsh M.K
10. Tanmay S.S
11. Shreyas H.K
12. Riya Sahal
13. Riya Sri
14. Amulya Nimmagadda
15. Bhanupriya
16. Krishnai Garudkar
17. Tejesh V
18. Sumukha Sharma T C
19. Radhika Ravikumar
20. Madhura A

Cyber security:

1. Tanisha Cariappa
2. Arpita
3. Keertana Kamesh
4. Praneeth R.H
5. Arun Athreyas
6. Sumukha Sharma T.C

IBM Bluemix:

1. Jeevitha
2. Naghman Mehdi

ARM controllers and applications:

1. Tejesh M
2. S P Skanda

Nano board:

1. Arpita Christina R

Biz Fix:

1. Akhila R

Wireless Sensor Networks and IoT (byBosch):

1. Haritha M .K
2. Nitin

Technical Paper writing:

1. Swaroop Joshi

Events:

1. Arun Athreyas (participated in Hackathon)
2. Harsha R(participated in Biz Tech quiz)
3. Vinay S Vasisht(participated in bomb diffusion)
4. Swaroop Joshi(participated in Technical paper writing)
5. Shreyas H,K(participated in chem slam, general quiz)
6. Tejesh V participated in (chem slam)
7. Haritha M K(Latest Trends in Mobile application Development Seminar by MyndBee)
8. Radhika Ravikumar and Navya Shree (Code Mania)

Volunteering:

1. Adil(volunteering at stalls)
2. Suman Ashok(on spot registration)
3. Pranav Bharadwaj (food department)
4. Akash R.K(general volunteer)
5. Urvi Jere(bomb diffusion, on spot registration)
6. Akshatha N(bomb diffusion, on spot registration)
7. K Harishree J Rai(bomb diffusion, on spot registration)
8. Hrushikesh Deshpande

9. Amulya Nimmagadda(Help desk)
10. Nischitha R
11. Sumit Shrey
12. Swaroop Joshi(Event coordinator for the event Confoundo)
13. Vishwajeet Nadagouda(T-shirt advertising)
14. Vaishnavi(On Spot registration)

Campaigning:

1. Pranav Bharadwaj
2. Akash R.K
3. Navya Shree N
4. Srinidhi N
5. Praneeth R.H
6. Nischitha R
7. Vinay S Vasisht
8. Riya Sri
9. Harsha Ramesh
10. Radhika Ravikumar





BMSCE UTSAV added a new photo to the album: **Campaigning Round 1.**
2 hrs · 🌐

Such enthusiasm, such dedication that these guys went to Tumkur campaigning for #Utsav2016 #UtsavAmbassadorsToTumkur



Scholarships

1. Akhila Ramesh

-Akhila R. had received a scholarship from FFE (Foundation For Excellence). She had also received a scholarship from Epass, which is a post metric scholarship. It was a fee concession scheme.

2. Jeevitha L

Jeevitha L had received a scholarship from Epass which was a post metric scholarship with food and accommodation scholarship from THE GOVERNMENT OF KARNATAKA. It is a fee concession scholarship for her B.E. course.

Club activities

BMS College of Engineering has about 26 clubs in the technical and cultural domain. Students of Telecommunication Engineering take part actively in these clubs.

Sports Team:

- 1) S.P Skandha – Volleyball
- 2) Radhika Ravikumar - Swim team
- 3) Tanisha Cariapa- Badminton
- 4) Harishree –Swim team
- 5) Harita –Throwball team
- 6) Roopa –Kho Kho
- 7) Akash R- Badminton

Rotaract Club:

- 1) Navya Shree N (Sub Committee – Campus Coordinator)
- 2) SanchitaVishwa (Sub Committee - Community Service Director)
- 3) Radhika Ravikumar (Sub committee- Club Services Director)
- 4) Tanisha Cariapa- Rotaract Club (SPAW),
- 5) BhanuPriya - Rotaract Club (iTeach)
- 6) Riya Sahal

Astronomy Club:

- 1) Radhika Ravikumar
- 2) Keertana Kamesh
- 3) Navya Shree
- 4) SanchitaVishwa
- 5) Swaroop
- 6) Akash R

Mountaineering Club

- 1) Riya Sahal
- 2) Hrushikesh Deshpande
- 3) Harsha Ramesh
- 4) Akash R

Other clubs:

- 1) Navya Shree – Pravrutthi (Theatre Club)
- 2) Sanchita Vishwa- Melton Foundation
- 3) Radhika Ravikumar –INKSANITY (Literary Club)
- 4) Swaroop- Pentagram(Maths Club)
- 5) Akhila – IEEE (SAC co-ordinator)

By being a part of various clubs, students learnt about environment and sustainability, communication skills, Engineering and team work.

UTSAV, 2016

UTSAV is the most awaited event at BMSCE and the biggest cultural fest in all of Bangalore. As the fest is held at a gargantuan scale, preparations for UTSAV starts months before the actual day of the fest with students from all over the city flocking to BMSCE to attend it.



UTSAV 2015 was held on the 1st, 2nd and 3rd of April and was a huge success. The three days were filled with a showcase of talents in all of its varied, beautiful forms. Be it dancing, singing, acting, walking the ramp, painting, or writing, the students of BMSCE excelled in everything.



The first year students of the Telecommunication Engineering department actively took part in helping organize the fest and also in the competitions that were held during the fest. All the students had a lot of fun gained amazing memories and experiences from UTSAV 2015!

VOLUNTEERS FOR UTSAV

Ujwal U
Ranjith M
Hardik Nyati
Riya Sahal
Suman Ashok
Jasmine Shrestha
Krishnai Garudkar
Swaroop Joshi
Navya Shree N
Radhika Ravikumar
Sanchita Vishwa
Sumit Shrey
Gautam S

CAMPAIGNING FOR UTSAV

Nischitha Raghunath
Jasmine Shrestha
Adil
Krishnai Garudkar
Pranav Bharadwaj
Srinidhi Nagabhushan
R H Praneeth
Akash R
Tanisha Cariappa
Nandeesh G K
Harsha Ramesh
Hrushikesh Deshpande
Urvi Ajit Jere
Akshatha N
K Harishree J Rai
BhanuPriya
Tejesh V
Sumukha Sharma.
Arun Athreyas
Shreyas H K
Vinay Vasisht

ON-SPOT REGISTRATIONS DURING UTSAV

Urvi Ajit Jere
Akshatha N
K Harishree Rai
Hrushikesh Deshpande
Akash R
Gautam S
Vaishnavi P

EVENTS DURING UTSAV

Vinay Vasisht

Took part in the event called
INKI-E-TREASURE HUNT and also went
campaigning.

Urvi Ajit Jere

Went campaigning and handled on spot
registration.

Nandeesh G

Took part in the Cricket and also went
campaigning for UTSAV.

Arun Athreyas

Took part in cricket and counter striking.
Went campaigning for UTSAV.

Sanchita Vishwa

Took part in creative writing, potpourri and
also volunteered for UTSAV.

Harsha Ramesh

Took part in online treasure hunt, 4*4
football and also went campaigning.

Shubha Prasad T R

Took part in an event called break bounce.

Akshatha N

Went campaigning for utsav and handled
on- spot registrations.

Radhika Ravikumar

Participated in Potpourri, won second place
in Creative Writing and volunteered for
utsav.

Deepak yeladabagi - Senior co coordinator.
For logistics and printing

PHASESHIFT 2017

Achala - Participated in BOSCH
entrepreneurship workshop for phaseshift,
Participated in PICTONNECT and
ELECTROBLITZ, Event Coordinator for
PROJECT J for phaseshift 2017

Deepak yeladabagi - Senior co coordinator.
For logistics and printing

Akhila R - Department coordinator

Harishree Rai - Runner up in ABBsolute

Akshatha N- Runner up in ABBsolute

Akash R K - Database Coordinator for
PHASESHIFT (Technical FEST) and
UTSAV (Cultural FEST) 2017 At BMSCE.

PHASESHIFT - 2018

Yashasvi - Co-coordinator for HAM
Workshop

Harishree Rai - On-spot Senior Co-
ordinator

Jeevitha L - Organizing Committee
member

Achala - Event Coordinator for HAM
WORKSHOP for 2018

Deepak yeladabagi - Senior co coordinator.
For logistics and printing

UTSAV 2019

Yashasvi M- Member of Core Committee,
Sponsorship and Venue

Harishree Rai - Campaigning and
sponsorship senior co-coordinator

Akhila R - Member of core committee

Deepak yeladabagi - Senior co-coordinator.
For logistics and printing

Placement Details

NAME OF THE STUDENT	Organization	Salary	Organization	Salary
AKASH R KATHAVATE	Bidgely Technologies	10.3 LPA		
AKHILA.R	Accenture	3.5 LPA		
AKSHATHA . N	Accenture	3.5 LPA	Kaleyra	6 LPA
ARUN ATHREYAS G	LTI	4.3 lpa	Tredence	6.5 lpa
BHANU PRIYA	Bosch	5 LPA	Deloitte	6.2LPA
HARITHA M K	Bosch	5 LPA		
HARSHA RAMESH		5 LPA	Fractal Analytics	6 LPA
HARISHREE J RAI	Aryaka Networks	5 LPA		
JEEVITHA L	Wellsfargo	5.5LPA		
KEERTANA KAMESH	Accenture	3.5 LPA	Wells Fargo	5.5 LPA
KRISHNAI GARUDKAR	Aryaka Networks	5 LPA		
MEHA WADHER	Teach For India	2.4 LPA		
NANDEESH G K	Accenture	3.5 LPA		
NAVYA SHREE N	Amadeus Labs	8.3 LPA	Accenture	3.5 LPA
NIMMAGADDA AMULYA	LTI	4.18 LPA	Accenture	3.5 LPA
PRANAV M BHARADWAJ	Bridgei2i Analytics solutions	4.5 LPA		
R H PRANEETH	Accenture	3.75		
RACHITA RAMESH	Sony India Software Centre	4.75 LPA		
RADHIKA RAVIKUMAR	Accenture	3.75 LPA		
RANJITH MY	Accenture	3.75 LPA		
RIYA SRI	Accenture	3.5 LPA	Great West Global	5 LPA(fixed)
ROOPA H V	Accenture	3.5 LPA	Extreme networks	8.2LPA
S GAUTHAM	Accenture	3.5 LPA		
SANCHITA VISHWA	Accenture	3.5LPA		
SANDARSH M K	Bosch	5LPA		
SHASHIDHAR	Accenture	3.5 LPA		
SHREEDHAR	Torry Harris Business Solutions	3.5 LPA		
SUBODH VITHAL MANVI		3.36 LPA	Siliconch Systems	6-8 LPA
SUMIT SHREY	Nobrokers.com	4 LPA		
TEJESH.M	LTI	4.18 LPA	Accenture	3.5 LPA
UMA GOWRI	Accenture	3.5 LPA	Great West Global	5 LPA
URVI AJIT JERE	Accenture	3.5 lpa	Philips	7.5 lpa
Y SHASHI KIRAN	Robert Bosch	5 lpa		
YASHASVI R MACHANI	Vantage Agora	5 LPA		

