



THE OXFORD COLLEGE OF ENGINEERING

College Newsletter **SANDESH**

December - 2018

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Sri. S. Narasa Raju
(05.06.1941 - 16.05.2016)
Founder Chairman,
The Oxford Educational Institutions



**Message from
Director**
Dr. Amarnath K
Director,
The Oxford Educational Institutions



**Message from
President**
Sri. S N V L Narasimha Raju
President, Children's Education Society
Chairman,
The Oxford Educational Institutions

I am glad to note that The Oxford college of Engineering (TOCE) is coming up with the 17th volume of its annual News Letter 'Sandesh'. TOCE has been one of the best Engineering College in India, Known for quality faculty, state-of-the-art infrastructure and excellent students. The college has been making large strides both academically as well as in co-curricular activities and placements. The college has organized lot of events for both students and faculty in the preceding year. Seminars, Conferences, Symposiums and Tech-Fests of national importance have been organized by the various departments as depicted in the departmental report. It is one of the good place for research. Also our students have been excelling academically by bagging VTU ranks, Winning prizes in national level events and getting good placements in reputed Companies with maximum pay of 12 lakhs per year. I congratulate the editorial committee for meticulous collation of data, aptly illustrated with relevant pictures and photographs of various activities and events. I wish the best to my students and faculty in all their future endeavours.

Dear University and College Members,

I am pleased to share with you our annual newsletter for 2019. Here you will find articles on the different and interesting ways engineering departments are furthering Oxford Institutions vision of changing the world through education.

With 8 schools and 20 colleges across the city, I hope this newsletter will serve to highlight the amazing work the engineering institute, support the students, staff and faculty and help the institution diversify its reach across community. This newsletter also helps us in our strategic focus of empowering youth in the region through education. We also look forward to hearing your stories and ideas for upcoming issues and welcome your ideas and feedback.



**Message from
Principal**
Dr. R V Praveena Gowda
Principal

It gives me immense pleasure to pen a few words as prologue to our college newsletter 'SANDESH' exclusively meant for expressing the achievements of faculties and students of the various departments in the college. I congratulate all the contributors, achievers and the editorial board for bringing out such a beautiful newsletter. Students empowerment for their growth, development through education is our cherished motto.

With the advent of social media, education means much more than merely coming to college. It is the acquisition of knowledge, networking of students, building character and improving employability of young talent for creation of future leadership. The Oxford Culture provides an ideal environment for students to achieve the education objectives for a stronger nation. Measures initiated by the Hon. Management, steps taken by the college administration, the willing contribution of the teaching and non-teaching staff all vouch for this. Not all this would be complete without the overwhelming response and enthusiastic participation of my dear students, which has laid a strong foundation for the college. I am proud of being part of such a prestigious institution dedicated to the causes of good education system for this nation. The Children's Education Society is setting a benchmark to show how education through diligence, devotion and dedication can transform children's life for a better future.

IN THIS ISSUE...

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CAREERS 360 RATED TOCE AS “AAA”

	
Karnataka	
Institute	Rating 2018
STATE UNIVERSITIES/UNIVERSITY DEPTS/AFFILIATED COLLEGES	
Dr. Ambedkar Institute of Technology, Bangalore	AAA
HKBK College of Engineering, Bangalore	AAA
Jawaharlal Nehru Nat'l Coll. of Engg, Shimoga	AAA
KLE Dr. MS Sheshgiri College of Engineering and Technology, Belgaum	AAA
KLS Gogte Institute of Technology, Belgaum	AAA
MS Engineering College, Bangalore	AAA
MVJ College of Engineering, Bangalore	AAA
PA College of Engineering, Mangalore	AAA
PES College of Engineering, Mandya	AAA
Rajarajeswari College of Engineering, Bangalore	AAA
RNS Institute of Technology, Bangalore	AAA
Sahyadri College of Engineering and Management, Mangalore	AAA
Sambhram Institute of Technology, Bangalore	AAA
SDM College of Engineering and Technology, Dharwad	AAA
Sir M Visvesvaraya Institute of Technology, Bangalore	AAA
SJB Institute of Technology, Bangalore	AAA
SJC Institute of Technology, Chickballapur	AAA
Sri Venkateshwara College of Engineering, Bangalore	AAA
St Joseph Engineering College, Mangalore	AAA
The Oxford College of Engineering, Bangalore	AAA
University Visvesvaraya College of Engineering, Bangalore	AAA
Vidyavardhaka College of Engg, Mysore	AAA

TIMES OF INDIA

Times Engineering Institute Ranking Survey 2018



5th Rank	Amongst Five Top Engineering Institutes In Bengaluru
5th Rank	Amongst Five Top Private Engineering Institutes In Bengaluru
29th Rank	Amongst Top 50 Institutes - Reserach Capabilities
40th Rank	Amongst Top 100 Private Engineering Institutes
55th Rank	Amongst Top 150 Engineering Institutes



Ranked TOCE In 133 Place Among Top 165 Colleges In India



9th Rank	Amongst Top Ten Private Colleges In Bengaluru
67th Rank	Amongst Top 100 Engineering Colleges



4th Rank	Amongst Top Private Engineering Colleges – South Zone
27th Rank	Amongst Top Private Engineering Colleges – All India



4th Rank	Amongst Top Private T Schools In Bengaluru
27th Rank	Amongst Top Private T Schools - All India

NEWS LETTER TEAM

Editorial Team

Dr. R Kanagavalli – ISE | Ms. Sajitra Varun – ECE | Ms. Mridula Shukla - MCA

Name Of The Coordinator	Department	Name of the Coordinator	Department
Ms. Sushma	CSE	Mr. Diwahar SI	Bio-Tech
Ms. Visalini	ISE	Mr. Prasanth	Civil
Ms. Chrispin Jiji	ECE	Ms. Vanitha	Maths
Ms. Manjula C	EEE	Ms. LeelaRani	Physics
Mr. Rohal	Mech	Dr. Shipra	Chemistry
Mr. Prassanna S N	Automobile	Ms. RichDiwari	MBA
Mr. Chethanraj	Mechatronics	Ms. Shruthi	PED



Newsletter Committee

INAUGURATION DAY OF PG PROGRAMS- M.TECH, MCA AND MBA



INAUGURATION DAY OF UG PROGRAMS



Chairman addressing the gathering during inaugural day



Chairman felicitating the chief guest



Chairman felicitating the parents



Chairman providing token of appreciation for funded project team



Lighting of lamp by our chief guest Dr. Shivadhanu Pillai



Dignitary on the dias on inaugural day

INAUGURATION DAY OF UG PROGRAMS



Prize distribution for Girls Kabbadi team



Prize distribution for Hockey team



Releasing of Magazine during inaugural



Prize distribution for Kho-Kho team



Student Appreciation Award for the topper by
Dr. Shivadhanu Pillai



Student Appreciation Award for the topper by
Dr. Shivadhanu Pillai

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Accredited By NBA for 3 years

Vision

To establish the department as a renowned centre of excellence in the area of scientific education, research with industrial guidance; and exploration of the latest advances in the rapidly changing field of computer science.

Mission

To produce technocrats with creative technical knowledge and intellectual skills to sustain and excel in the highly demanding world with confidence.

NBA 2018-2021

We are happy and proud to announce that the Dept of CSE has been accredited for three years 2018-2021. In this regard the management congratulate the entire CSE team who worked for this success

Guest Lectures/Expert Lectures

- Expert Lecture on "IOT, Cloud Computing and Machine Learning" was conducted for our students and faculty of TOCE by Dr. K Selvaraj, Technical Architect, Accenture Digital Group India Ltd. on 18th August 2018.



- Guest Lecture on "Career Guidance" was conducted for students of TOCE by Mr. Sarvendu Mishra, Executive manager, TIME on 19th September 2018.



- Guest Lecture on "Java Programming Language" was conducted for students of TOCE by Mr. Thaneshwara, Corporate Trainer, ABC Software Solutions on 11th October 2018.



Faculty Achievement

- Ms. Seema Patil and Ms. Shobha T, Associate Professors of CSE Dept. secured Elite Certificate for Database Management Systems and Design and Analysis of Algorithms courses conducted by NPTEL, funded by MHRD, Govt. of India.

Workshops/Conferences Attended By Staff Members

- Dr. E Saravana Kumar, HOD of CSE has participated in the DST-NIMAT sponsored THREE DAYS ENTREPRENEURSHIP AWARENESS CAMP(EAC) in association with ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA from 28th November to 30th November 2018 at TOCE.
- Ms. Seema Patil, Associate Professor, Dept. of CSE has presented a paper titled "Diversity based Self-Adaptive clustering PSO clustering for Crime Data" at 4th International Conference on Green Computing and Engineering Technologies (ICGCET) held at Aalborg University, Denmark on 17th August 2018 .
- Ms. Shobha T, Associate Professor, Dept. of CSE has presented a paper titled "Adaptive strategy operators based rule discovery for genetic algorithm" at 4th International Conference on Green Computing and Engineering Technologies (ICGCET) held at Aalborg University, Denmark on 17th August 2018

Research Activities

We are happy to congratulate research scholars Ms. Sowmya H.K for completing her Ph.D. comprehensive viva-voce and also congratulate Ms. J Jesy Janet Kumari for registering Ph.D.

Placements Activities

Our students are placed in reputed companies like TCS, E&Y, SYNTEL, HEALTH ASYST, NTT DATA, INFOSYS, WIPRO. We congratulate Supriya P, final year student in her excellent achievement for getting placed in 4 reputed companies.

M.Tech Toppers List

Sl.No.	Sem	USN	Name	% Of Marks
1	4	10X16SCS06	Sarawath Unnisa	87
2		10X16SCS07	V Ashwini	85

B.E. Toppers List

Sl.No.	Sem	USN	Name	% Of Marks
1	2	1OX17CS092	Shivangi Arul	92
2		1OX17CS060	Muskan M	91
3	4	1OX16CS044	Madhushree P	80
4		1OX16CS020	Brunda N Murthy	79
5	6	1OX15CS114	Talari Surya Teja	82
6		1OX15CS055	Megha Aggarwal	80
7	8	1OX14CS064	Priyanka Gupta	84
8		1OX14CS079	Sanna Meer	83.33

Institute-Industry Interactions

- Our final year students are doing Internships in reputed companies like ISRO, Robert Bosch, Earnst & Young, El System in various Industry ready platforms.

Funded Projects

- Arjun Ashok Kumar, George James, Chaitanya S, Amit Debnath (2014-15) presented their project entitled "ANDROID BASED APPLICATION TO DETECT POTHoles AND UNEVEN ROADS IN THE CITY" in KSCST State Level Seminar and Exhibition held at Bapuji Institute of Engineering and Technology, Davanagere on 10th and 11th August 2018 and awarded as Best Project of the Year under the guidance of Ms. Soumya H K, Assistant Professor of CSE Dept.



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Vision

To meet the educational, research and service needs of the region through collaboration with academic and technical institution, businesses and government agencies and cultural organization. There by providing a platform that encourages students and staff to continue their intellectual and professional growth.

Mission

The department aim is to develop the best information science professionals who works creatively, communicate effectively and become technologically competent, also to mould them into global citizens by inculcating sense of ethical values in them.

Guest Lectures

- Dept. of ISE organized Guest Lecture/ Expert Lecture on "Machine Learning" and the resource person was Mr. Vidyadhar Sharma, Founder & CEO, SPECKBIT, Bengaluru on 17th September 2018 at new building 4th floor seminar hall.

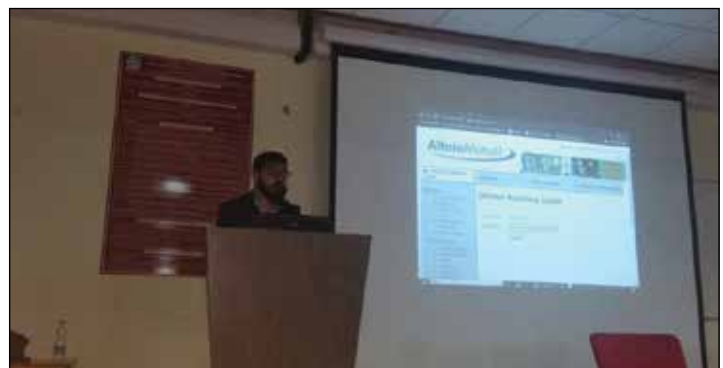


Mr. Vidyadhar Sharma delivering lecture on Machine Learning



Mrs. Vinodha, Asst. Professor presented token of appreciation to Mr. Vidyadhar Sharma

- Dept. of ISE organized Guest Lecture on "Cyber Security" and the resource person was Mr. Abhimanyu Bhattacharyya and Pranab Jyoti Roy, Senior Cyber Security Consultant, Bengaluru – 56 on 29th September 2018 at new building 4th floor seminar hall.



Mr. Pranab Jyoti Roy delivering lecture Cyber Security



Mr. Pranab Jyoti Roy Delivering Lecture on how to protect password

CSI Chapter Activities

- The Department of Information Science & Engineering, The Oxford College of Engineering organized CSI Expert Lecture on “Cyber Security” by the resource person Mr. Sambhram Nayak, Business Manager, Connectivity Solutions, Bengaluru-29 on 8th September 2018 at new building 4th floor seminar hall.
- The Department of Information Science & Engineering, The Oxford College of Engineering organized CSI Expert Lecture on “Stepping Information in Data Science” by the resource person Mr. Amit Chakraborty Business Manager, Amvar DataTech Pvt. Ltd., Bengaluru-29 on 10th November 2018 at new building 4th floor seminar hall.



Mr. Sambhram Nayak Delivering Lecture on Cyber Security



Mrs. Kanagavalli, HOD, Dept. of ISE welcoming Prof. Dr. D Jayaramaiah

Faculty Achievements

Research Activities

- Ms. R Suganya, Asst. Professor, Dept. of ISE has completed her comprehensive viva on 16/8/18.

- Ms. Vinodha, Asst. Professor, Dept. of ISE has completed her Final Viva-voce on 17/12/18 at MSRIT.

Research Publications

- Prof. & HOD Dr. D Jayaramaiah Published Paper titled “Design and Analysis of Most Sought after Big data Platforms and their Application for Network Analytics” in International Journal of Creative Research Thoughts (IJCRT).
- Prof & HOD Dr. D Jayaramaiah Published Paper titled “Design and Implementation of Iot System for Enhancing Proprioceptive Training” in International Journal of Creative Research Thoughts (IJCRT).
- Prof & HOD Dr. D Jayaramaiah Published Paper titled “Mutual Authentication and Financial Transaction between Mobile Users using Blockchain based ID as a Service” in International Journal of Creative Research Thoughts (IJCRT).
- Asst. Prof. Mrs. Vinodha Published Paper titled “A Realibility System for Filtering Malicious Information on Social Network” in International Journal of Creative Research Thoughts (IJCRT).
- Asst. Prof. Mrs. Visalini Published Paper titled “MRCP-RMD: Resource allocation and Scheduling of jobs with Deadlines” in International Journal of Creative Research Thoughts (IJCRT).
- Asst. Prof. Mrs. Kalai Selvi Published Paper titled “An Intelligent Smart Phone based Approach Using Cloud Computing and IoT for Risk Free Driving” in International Journal of Creative Research Thoughts (IJCRT).
- Asst. Prof. Mrs. Kokila Published Paper titled “Detecting Spam Reviews on Social Media Using Network Based Framework-NetSpam” in International Journal of Creative Research Thoughts (IJCRT).
- Asst. Prof. Mrs. Suganya Published Paper titled “Vehicle Detection in Fog Image and Night Condition using Block Matching Color Enhancement Algorithm” in International Journal of Creative Research Thoughts (IJCRT).
- Asst. Prof. Mr. Chanappa Gowda D V Published Paper titled “MQTT based Home Automation System Using Raspberry Pi 3 Model-B” in International Journal of Creative Research Thoughts (IJCRT).
- Asst. Prof. Mrs. Varsha Published Paper titled “Generating Music from Literature Using Topic Extraction and Sentimental Analysis” in International Journal of Creative Research Thoughts (IJCRT).

Workshops /Conferences Attended By Staff Members

1. Mrs. Vinodha M, Assistant Professor, Department of ISE, attended six days Workshop on “Machine Learning” at SJBIT, Bangalore from 9/07/2018 to 14/07/2018.
2. Mrs. Kokila , Assistant Professor, Department of ISE, attended six days Workshop on “Machine Learning” at SJBIT, Bangalore from 9/07/2018 to 14/07/2018.
3. Ms. S. Visalini, Assistant Professor, Department of ISE, attended three days FDP on “Web Programming and its application” at SJBIT, Bangalore from 16/07/2018 to 18/07/2018.

Faculty Achievements (Cent Percent Result)

The following staff members achieved 100% result in their respective subjects VTU exams held in May 2018.

Sl.No.	Faculty Name	Subject Name with code
1	Mr. Amaresha	SOFTWARE TESTING/15IS63
2	Mr. Channappa Gowda	OPERATING SYSTEM/15CS64/ MOBILE APPLICATION DEVELOPMENT/ 15CS661
3	Ms. Suganya	SOFTWARE TESTING/15IS63
4	Ms. Radha	OPERATING SYSTEM/15CS64
5	Ms. Varsha	CRYPTOGRAPHY, NETWORK SECURITY & CYBER LAW/15CS61
6	Ms. Visalini	SOFTWARE ARCHITECTURE/10CS81
7	Ms. Vinodha	SSM/10CS82
8	Ms. Kalaiselvi	ADHOC NETWORKS/10IS841
9	Ms. Geethanjali	INS/10IS835
10	Ms. Riya	CLOUD, GRID& CLUSTER COMPUTING/ 10IS84
11	Ms. Keerthi	SOFTWARE ARCHITECTURE/10CS81
12	Ms. Chitra	SSM/10CS82
13	Ms. Kokila	INS/10IS835

STUDENTS' ACHIEVEMENTS

1. Toppers List (UG)

Sl.No.	Sem	USN	Name	Aggregate
1	II	10X17IS057	Sushaktha H M	90%
2		10X17IS009	Chaitra B U	89%
3		10X17IS017	Jeysri L S	87%
4	IV	10X16IS074	Rashmi Srikanth	81%
5		10X16IS007	Akansha	78%
6		10X16IS042	Krithika	78%
7		10X16IS009	Akshaya Kumari	77%
8	VI	10X15IS013	Ankit Kumar Mishra	79%
9		10X15IS020	B M Prakruthi	79%
10		10X15IS068	Navya S	78%
11		10X15IS089	Rakshith Venkatesh	78%
12		10X15IS019	Ayush Singh Tomar	78%

13	VIII	10X14IS044	Lakshmi L Menda	83%
14		10X14IS031	Fiona Jothi Sylvester	82%
15		10X14IS095	Supraja Srinivas	81%
16		10X14IS071	Prerana P	81%

2. List of Students Placed/Internship (JUL-DEC 2018)

Sl.no	USN	Name	Company Name
1	10X15IS019	Ayush Singh Tomar	Eurofins IT Solutions India Pvt. Ltd., (20/8/18), TCS
2	10X15IS089	Rakshith Venkatesh	Eurofins IT Solutions India Pvt. Ltd., (20/8/18), NTT Data, Infosys
3	10X15IS013	Ankit	Deloit, TCS, Infosys
4	10X15IS068	Navya S	Deloit, Nine Leaps
5	10X15IS0103	Sanjana	PWC
6	10X15IS0125	Yash	PWC (Internship), TCS, Doppio Group
7	10X15IS018	T Austin	TCS
8	10X15IS028	Darel V Johny	Infosys
9	10X15IS008	Akshata V Kulkarni	Infosys
10	10X15IS010	Akshay P Shetty	Infosys
11	10X15IS099	Saba Kauser	Infosys
12	10X15IS121	Varsha Lokesh	Infosys
13	10X15IS081	Praveen Kumar Srinivas Kalagara	Infosys
14	10X15IS098	S Sudhanva Deshpande	Infosys, NTT Data
15	10X15IS104	Saritha Kumari K	Syntel, Infosys
16	10X15IS020	Prakruthi	Infosys
17	10X15IS038	Fanoos	NTT Data
18	10X15IS093	Ruchitha	Wipro
19	10X15IS067	Nandhini	Nine Leaps
20	10X15IS001	Abhinav	NTT Data
21	10X15IS006	Aishwarya	NTT Data

3. List Of Students Attended Competition Details

Sl.No.	USN	Name	Event and Venue	Sem	Prize
1	10X16IS033	Guru Shekhar K	THE HACKFEST 2018, a 24hr hackathon at SIT, Tumkuru on 29th and 30th September 2018	V-A&B	Third prize (Rs. 5000/-)
2	10X16IS037	Hindu Priya C			
3	10X16IS074	Rashmi Srikanth Shanbhag			
4	10X16IS035	Harshith T R			

5	1OX18IS018	Dawood Dama	Elocution Competition "Vigilance awareness week-2018" organized by Department of MCA in association with VIJAYA BANK on 31st October, 2018	I-P2	1st prize
6	1OX16IS035	Lakshmi	Essay writing Competition "Vigilance awareness week-2018" organized by Department of MCA in association with VIJAYA BANK on 31st October, 2018	VII-A	3rd prize



Student team at Siddaganga institute of Technology



Automated parking system for autopilot cars Model

4. Passed Out Toppers:

To encourage the students to get VTU marks, Prof. Dr. D. Jayaramaiah presented a Rolling trophy to Ms. Lakshmi L Menda, the Topper among passout student 2014-18 batch.



Prof. Dr. D. Jayaramaiah presented a Rolling trophy to Ms. Lakshmi L Menda

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Accredited By NBA for 3 years

VISION

To meet the educational and research needs of the student community and staff through collaboration with other academic and technical institutions, industry and government agencies and make the students to face problems of the country and society as a whole.

MISSION

- **M1** - To develop and train competent Electrical and Electronics Engineers with adequate practical skills.
- **M2** - To provide state-of-the-art resources that contribute to achieve excellence in teaching-learning, research and development activities.
- **M3** - To inculcate, ethics, leadership, moral values and social activities.

DEPARTMENTAL ACTIVITIES

It is matter of pleasure and pride that Department of Electrical And Electronics engineering is Accredited by "NATIONAL BOARD OF ACCREDETATION (NBA)" for the Third time for the duration of three years from 2018 to 2021.

Basic Electrical laboratory has been newly established in the month of September 2018 for 1st/2nd Semester students as per the new VTU 2017 Scheme. It has well established and modernized equipments for all experiments as per the VTU syllabus.



Basic Electrical laboratory for 1st/2nd Semester students

Guest Lectures

- Guest Lecture was organized on "Recent trends in Industrial Tools and Techniques" by Mr. Uday Bhargav, Entrepreneur and Alumni of TOCE on 11/08/2018.



Lecture on Recent Trends in Industrial Tools and Automation by Mr. Uday Bhargav

- Guest Lecture was organized on “Skills requirements for Core Companies” and the resource person was Mr. Mohammed Haakim, Business Development Manager, Energy Tec Solutions, Bangalore on 19/09/2018.
- Guest Lecture was organized on “Industrial Automation and Robotics” and the resource person was Mr. Parasuram, Business Development Engineer, AGIIT, Bangalore on 12/10/2018.



Lecture on Industrial Automation and Robotics by Mr. Parasuram

Staff Achievements

- Dr. Bharath V.S has been appointed as BOE Member for Department of Electrical and Electronics Engg. in VTU for Academic year of 2018-2019.
- B Devi Vighneshwari, Sandhya Rai, Resna S.R, Someswari T, Viji K and Sumitha T.L completed the NPTEL Online Certification Course on “Fundamental of Electrical Engineering”, during July to October 2018.
- Nisha C Rani, B Devi Vighneshwari, Sandhya Rai completed the NPTEL Online Certification Course on “Digital Circuits”, during July to October 2018.

Faculty Achievements (Cent Percent Result)

Sl.no	Faculty Name	Subject Name with code
1	Mrs. Viji K	RES 10EE836
2	Thiruvonasundari	RES 10EE836
3	Arut Selvi Nagamai	PSOC 10EE82
4	Nalina	Sensors and Transducers 15EE662
5	B Devi Vighneshwari	CAED 15EE651
6	Sumitha T L	Electrical Design, Estimation and Costing 10EE81

7	Raghumanth	Electrical Design, Estimation and Costing 10EE81
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Seminars/Workshops attended by Faculty Members

- Dr. V.S. Bharath participated in One week workshop on “NBA/NAAC Accreditation Process for Technical Institutions” under Share and Mentor Institutions (Margadarshana) Scheme sponsored by AICTE from 10th to 14th December 2018, organized at M.S.Ramaiah Institute of Technology, Bangalore.
- Dr. V.S. Bharath, Resna S.R attended Satellite Session of 4th International Conference on Recent Trends in Computer Science and Electronics, organized at The Oxford College of Engineering, Bangalore on 3/1/2019.



Satellite session of 4th International Conference

- Sandhya Rai, Devi Vighneshwari, Sumitha T.L attended One Week Faculty Development Program on “Optimization Technique for Control Systems and use of Artificial Intelligence in Power System” organized at SJBIT, Bangalore from 23/7/2018 to 28/7/2018.
- Sandhya Rai, Resna S.R, Nisha C Rani attended One Day Workshop on “AICTE Model Curriculum” organized at M.S.Ramaiah Institute of Technology, Bangalore on 14/5/2018.

Journal Publications

- Dr. V.S. Bharath published paper titled “Improvement of Power Quality by Intelligent Controller for Grid Connected PV System” in International Journal of Technical in Modern Engineering and Science (IJTIMES), ISSN:2455-2585, Volume 4, Issue 7, July 2018, Impact Factor 5.22.
- Dr. V.S. Bharath published paper titled “Evaluation of Grid Connected PV System for Enhancement of Power Quality of Intelligent Controller” in Journal of Emerging Technologies and Innovative Research (JETIR), ISSN:2349-51, Volume 5, Issue 11, November 2018, Impact Factor 5.87.
- Jayakumar N, published paper titled “Decoupled Control Technique of DFIG with Dual PWM Converters for Wind Power System using MATLAB/Simulink”, in International Research Journal of Engineering and Technology (IRJET), e-ISSN:2395-0056, p-ISSN:2395-0072, Volume 5, Issue 12, December 2018, Impact Factor 7.211.
- Someswari T published paper titled “Novel Framework for Navigation using Enhanced Fuzzy Approach with Sliding Mode Controller”, in International Journal of Electrical and Computer Engineering (IJECE), ISSN: 2088-8708, Vol.8, Issue 6, pp.4310-4320, December 2018.

RESEARCH ACTIVITIES

We are happy to congratulate Research Scholar Someswari T for completing Ph.D Comprehensive Viva-Voce under VTU.

Placement Activities: List Of Students Placed

Sl.no	USN	Name	Comapny Name
1	10X14EE090	Shankar Lingam J	Westline Shipping Pvt Ltd
2	10X14EE023	Chethan G	Westline Shipping Pvt Ltd
3	10X14EE054	Mithun U Krishnan	Westline Shipping Pvt Ltd
4	10X14EE059	Nitesh Sharma	Westline Shipping Pvt Ltd
5	10X14EE040	Kartik	Westline Shipping Pvt Ltd
6	10X14EE055	Mohammad Murtaza	Westline Shipping Pvt Ltd
7	10X14EE067	Pradeep Yadav	Westline Shipping Pvt Ltd
8	10X14EE044	Likhit B V	Westline Shipping Pvt Ltd
9	10X14EE056	Mohan Kumar	Westline Shipping Pvt Ltd
10	10X14EE004	Aatib Riyaz Mir	Westline Shipping Pvt Ltd
11	10X14EE083	Ravina Kamboj	Optimism It Solutions
12	10X14EE053	Mitali Rai	Optimism It Solutions Qspiders
13	10X14EE038	Jeneffer S	NTT Data, Paypal
14	10X14EE110	Vidyashree M S	NTT Data
15	10X14EE069	Preethi N M	NTT Data
16	10X14EE091	Shashank Manjunath	ICICI Prudential
17	10X14EE065	Pooja Shree B	ICICI Prudential
18	10X14EE071	Priyanka Kumari	ICICI Prudential, Paypal
19	10X14EE067	Pradeep Yadav	ICICI Prudential
20	10X14EE008	Akash V M	ICICI Prudential
21	10X14EE005	Abhishek S C	ICICI Prudential
22	10X14EE058	Nandan K E	Paypal
23	10X14EE104	Tayyaba Naaz	Paypal

STUDENTS' ACHIEVEMENTS

- Abhishek S.C, Chathan G, Likith B.V and Mohammad Murtaza of VIII Sem Participated in "Project Exhibition cum competition", VTU Belgaum and won Best Project Award for the project title "Design and Development of Military BOT" held on 25/6/2018.



Project Exhibition cum competition, VTU Belgaum

- Abhishek S.C, Chethan G, Likhit B.V, Mohammad Murtaza won First Prize for presenting the paper "Design and Development of Military BOT" in NCSEM 2K18 organized by TOCE, EEE Dept. held on 24th and 25th May 2018.
- Akash V.M, Eshwaran R.A, Manoj Kumar M, Merlin Shibu won Second Prize for presenting the paper "Design and Development of Automatic -3 Phase Induction Motor Starter with Parameter Display Panel" in NCSEM 2K18 organized by TOCE, EEE Dept. held on 24th and 25th May 2018.
- Priyanka Sinsinwar, Priyanka Kumari, Pooja Rohidas Naik won First Prize for Poster Presentation "Controlling the process of Coke Oven Complex" in NCSEM 2K18 organized by TOCE, EEE Dept. held on 24th and 25th May 2018.
- Sanya Begum, Shashank Manjunath, Nuthan B.S, Priti Singh won Second Prize for Poster Presentation "Comparative Study and analysis of closed loop BLDC Motor using three phase inverter by PWM, SPWM and SVPWM methods" in NCSEM 2K18 organized by TOCE, EEE Dept. held on 24th and 25th May 2018.
- Final year student of EEE Department actively participated in Dasara Cultural Program and performed Dandiya Dance held on 17/10/2018



Performance of Dandiya Dance in Dasara Cultural Program

Students' Toppers List

Sl.no	Sem	USN	Name	Aggregate
1	2	10X17EE003	Abhishek V	84.8
2		10X17EE055	Sagar D	82.5
3	4	10X16EE029	Nikitha M	85
4		10X16EE071	Swati Sunil Kumar Karalgikar	83
5	6	10X15EE061	Priyanka Y Naik	83.6
6		10X15EE003	Akshaya K	82
7	8	10X14EE038	Jeneffer S	80
8		10X14EE094	Shrayana Shetty M	79.3

FUNDED PROJECT

Sl. no	Name of students	Project title	Project Type Research/ Consultancy	Funding Agency	Amount	Duration
1	Abhishek S.C Chathan G Likith B.V Mohammad Murtaza	Design and Development of Military BOT	Research	VTU	5000	3 months
2	Bhoomika T.K Divya R Gururaja K.K Karthik	Design and Development of Control Panel for Agricultural Submersible/Flathed Type Motors	Research	VTU	5000	3 months

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Vision

To impart technical education par excellence and prepare leaders to serve the industries and society.

Mission

- **M1** - To provide the world with a highly committed and quality conscious Engineering workforce.
- **M2** - To encourage the students to build self-help, power of initiative, courage to change and create new things.
- **M3** - To inculcate the spirit of cooperation and a capacity for organization with special emphasis on their self-reliance and sustainability to meet ever changing requirements of local and global industries.

Departmental Activities

- Department celebrated IEEE DAY in presence of Dr. Indumathi T S, special officer in Karnataka state higher education council, Bangalore, Govt. of Karnataka on 27th October 2018. The day's theme is "Leveraging Technology for a Better Tomorrow". The IEEE day team is made up of student volunteers, young professionals and staff. The principle task of the IEEE day team is to initiate, motivate and coordinate events and efforts to celebrate this day worldwide.



IEEE Day

- IEEE Photonic Society has started student Internship Programme for the benefits of students to explore the research area in photonics. Review was held on 11th August 2018 at 2.00pm in the presence of

Dr. Srinivas Talabattula, Advisor, IEEE Photonic Society, Associate Professor, Department of Electrical Communication Engineering, IISc Bangalore.



Student Internship

- Soft-Skill training as a part of pre-placement activities was conducted for final year students by efficient professionals and trainers.



Soft-Skill Training classes

- Invention on "Wireless Mouse and Keyboard for Physically Handicapped" has been placed on the ICMR website under section "What's New".

Guest Lectures/Expert Lectures

- An Expert Lecture on "Challenges in Higher Studies" was conducted for students on 27th of October 2018 by Dr. Indumathi T S, special officer in Karnataka State Higher Education Council, Bangalore, Govt. of Karnataka.



Technical talk by Dr. Indumathi

- A technical talk on “Avionics” was conducted for students by Mr. Prabu M, Manager, Rotary wing R & D center, HAL, Bangalore on 8th November 2018.



Technical talk by Mr. Prabu M

Faculty Achievements

- Dr. Manju Devi was appointed as Doctoral Committee member for Ph.D at KSIT on 6th December 2018.
- Dr. Preeta Sharan was appointed as BOS member and attended meeting at Bangalore University.
- Dr. Preeta Sharan was appointed as an External Examiner for Ph.D viva voce at Nirma University on 6th July 2018.

Journal Publications

- Dr. Manju Devi, published a paper titled “Design and performance analysis of differential amplifier for various applications” in Journal of Computational and Theoretical Nanoscience, Dec 2018, vol. 15, ISSN 1546-1955(print) ISSN 1546-1963.
- Dr. Preeta Sharan, published a paper titled “Adaptive MOEMS based micro pressure sensor using photonic crystal” in Pertanika Journal of Science & Technology, Jul2018, vol. 26 issue 3, p1489-1504. 15p.
- Dr. Preeta Sharan, published a paper titled “Wavelength Selectivity Using Adaptive Shortest Path Algorithm For Optical Network” in Pertanika Journal Of Science & Technology, Jul2018, vol. 26 issue 3 p1527-1538 11p.
- Dr. Preeta Sharan, published a paper titled “Design and Analysis of high sensitive PHC based sensor for methane gas detection fundam appl sci. 2018, 10(6s), 2137-2144 2138.
- Dr. Preeta Sharan, published a paper titled “Real time implementation of multimedia traffic using MUX in optical networks” Photonics-2018, Dec 12-15 2018 IIT Delhi.
- Dr. Preeta Sharan, published a paper titled “Detecting different concentrations of potassium chloride using the sensor with photonic crystal in nano range”, International Journal of Engineering &

Technology, 7 (4.36) (2018) 311-314. (scopus)

- Dr. Sridhar, published a paper titled “Parameterization of Solar Cell Model using Multiculture & Hybrid Mutation Based Evolutionary Programming” in International Journal of Engineering & Technology (Scopus Indexed Journal), [http://www.sciencepubco.com/index.php/IJET.7\(3.4\):138-142](http://www.sciencepubco.com/index.php/IJET.7(3.4):138-142) · August 2018.
- Dr. Sridhar published a paper titled “Control of Power system Management in Spacecraft using Adaptive RBF” in International Journal of Applied Engineering Research (IJAER). Vol. 13, No. 15, 2018, pp. 11871-11876. ISSN 0973-4562, <http://www.ripublication.com> © Research India Publications.

Conferences

- Dr. Manju Devi, presented a paper titled “Design and performance analysis of differential amplifier for various applications” in International Conference on Topical Transcends in Science, Technology and Management ICTSTM-2018 on 17th and 18th August 2018 at Sai Vidya Institute of technology, Bangalore
- Dr. Manju Devi, a paper titled “Highly sensitive Lab on-chip with deep learning AI for detection of bacteria in water” has accepted for 4th International Conference on Recent Trends in Computer Science and Electronics-2018 at University of Hawaii, USA
- Dr. Manju Devi, a paper titled “Design and Development of Mach Zehnder Interferometer based optical sensors to detection of Arsenic compound in Drinking Water” has accepted for 4th International Conference on Recent Trends in Computer Science and Electronics-2018 at University of Hawaii, USA
- Chrispin Jiji, presented a paper titled “A Novel imaging system for Underwater Haze Enhancement” in International Conference on Green Computing and Engineering Technology (ICGCET-2018)
- Chrispin Jiji, a paper titled “An Underwater Image Enhancement via Wavelet domain Gradient Guided Filter” has accepted for 4th International Conference on Recent Trends in Computer Science and Electronics-2018 at University of Hawaii, USA
- Sowmya Padukone, presented a paper titled “Tumor Marker for cancer detection using optical sensor” IEEE International Conference on ICSSIT-2018

Research Activities

- We are happy to congratulate Research Scholar Dr. Piruthiviraj P for successfully completed Ph.D Viva-Voce, guided by Dr. Nagaraj R, Vice Chancellor, Kalasalingam Academy of Research and Education, Srivilliputtur, Virudhunagar District, Tamil Nadu Co-guided by Dr. Preeta Sharan, Professor, TOCE in the presence of Dr. Srinivas Talabattula, Advisor, IEEE Photonic Society (Associate Professor, Department of Electrical Communication Engineering, IISc Bangalore)



Ph.D viva voce Piruthiviraj P

- We are happy to congratulate Research Scholar Dr. Sridhar N for successfully completing his Ph.D Viva-Voce Guided by Dr. Nagaraj R, Vice Chancellor, Kalasalingam Academy of Research

and Education, Srivilliputhur, Virudhunagar District, Tamilnadu in the presence of Dr. S Janakiraman, Professor, Pondicherry University.



Ph.D viva voce Sridhar N

- Sajithra Varun & Chrispin Jiji completed their Doctoral committee Viva-Voce in the presence of Dr. Hariprasad, Dean, Jain University under the guidance of Dr. Nagaraj R, Vice Chancellor, Kalasalingam Academy of Research and Education, Srivilliputtur, Virudhunagar District, Tamil Nadu.

Conferences

- Pavan, Nivin, Vikaas & Vedik of VII sem has been shortlisted for the Regional Convention of the 2nd AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018
- Pavan Reddy, Nivin M, Rakesh N & Srinivas B V has participated in Chhatra Vishwakarma Awards 2018-A Regional Convention jointly organized by AICTE-ECI-ISTE held on 31st October 2018 at Acharya Institute of Technology.
- Vikaas R S has presented a paper in National Conference on Future India: Science & Technology on 10th & 11th October 2018 held at The Oxford College of Science, Bengaluru
- Karthik S of III sem presented a poster in the National Conference on Future India: Science & Technology on 10th & 11th October 2018 held at The Oxford College of Science, Bengaluru

Placement

Sl.No.	USN	Name	Company Name
1	10X15EC023	Chaitra Paul	HPE
2	10X15EC109	Yeshwanth G R	TCS
3	10X15EC042	Kedar Naik	Nine Leaps Technology Solutions Pvt Ltd
4	10X15EC083	Sai Thejasree U V	SLK Software
5	10X15EC098	Sushmitha R	SLK Software
6	10X15EC035	Haroon Khursheed	Westline Shipping
7	10X15EC031	Ganesh Biradar	Westline Shipping
8	10X15EC032	Gopi R	Westline Shipping
9	10X15EC044	Kiran B V	Westline Shipping
10	10X15EC083	Sai Thejasree U V	NTT Data
11	10X15EC067	Prathibha G	NTT Data
12	10X15EC007	Akshatha P	NTT Data
13	10X15EC035	Haroon Khursheed	NTT Data
14	10X15EC061	Nivin M	NTT Data
15	10X15EC002	Aamir Ahmed	Infosys

16	10X15EC007	Akshatha P	Infosys
17	10X15EC027	Deepa P	Infosys
18	10X15EC061	Nivin M	Infosys
19	10X15EC067	Prathibha G	Infosys
20	10X15EC099	Tanushree B M	Infosys
21	10X15EC108	Yashodha L	Infosys
22	10X15EC042	Kedar Naik	Doppio Group

Student Toppers List

Sl.No.	Sem	USN	Name	Aggregate
1	2	10X17EC053	Sanjay S N	9.17(SGPA)
2		10X17EC046	Rashmi S	9.16(SGPA)
3	4	10X16EC057	Pranitha S	8.58(SGPA)
4		10X16EC079	Vasudeva Sharma M	8.39(SGPA)
5	6	10X15EC098	Sushmitha R	8.58(SGPA)
6		10X15EC108	Yashodha L	8.29(SGPA)
7	8	10X14EE038	H K Pruthvi	86.4
8		10X14EE094	Sneha B J	82

Co-curricular Activities

- Mahentesh M of V sem ECE has participated in Athletic Meet organized by SJCIT Chikbalapura on 26th to 29th October 2018
- Shubam Kumar Gupta of V sem ECE has participated in Table Tennis organized by BNMIT, Bangalore on 2nd & 3rd September 2018
- Srinidhi Bhat & Vedik organized Kannada Rajyotsava in TOCE on 17th November 2018

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To become the centre of excellence to provide the state of the art engineering education in mechanical engineering and making individuals to be capable of building nation in the new millennium

MISSION

- **M1** - To provide excellent teaching and learning process for the students to meet the current needs and standards of the industries and higher learning process
- **M2** - To promote research and development activity in the recent emerging trends of mechanical engineering branch
- **M3** - To provide the students with good communication skill, lifelong learning, team spirit and leadership qualities to face the current society

DEPARTMENTAL NEWS

- Dr. Mahendra M Dhongadi has taken charge as the Head of the Department of Mechanical Engineering in the month of August 2017.
- Mr. Rohan has joined the department as Asst. Prof. on November, 2018.
- Mrs. Savitha has joined as an attender on December, 2018.

DEPARTMENTAL ACTIVITIES

Mechanical department of TOCE has conducted the following activities in year 2018 -

1. Technical Seminars

The department has conducted three technical seminars which are as follows:

- A technical seminar on “Automobile tractor and construction equipment” by Mr. Brijju George on 26th September, 2018
- A technical seminar on “Mechanics of Materials and Design of Machine Elements in Engineering applications” by Dr. Shanmukha (Dean, RVCE) on 26th of October 2018
- A technical seminar on “Fundamentals of thermodynamics and its applications” on by Dr. K Ramanarasimha (HOD, KSIT) on 10th of November, 2018



Mr. Brijju George as guest lecturer



Dr. Shanmukha (Dean, RVCE) as guest lecturer



Dr. Ramanarasimha (HOD, KSIT) as guest lecturer

2. Parents-Teachers Meeting

Updating the progress of all students to their parents relevant to Internal Assessment marks, drawbacks and the improvements that are needed to be incorporated for their development both personally and academically. The meeting was conducted on 28th of October and 10th of November, 2018.



Parents meeting 1 (28th of October, 2018)



Parents meeting 2 (10th of November, 2018)

3. Teachers' Day

- First year students of Mechanical Engineering and Architecture Engineering together celebrated Teachers' day in the premises of TOCE and facilitated the HOD's of Mechanical Engineering and Architecture Engineering

4. Social Activity

- Collection of relief funds for KODAGU natural disaster by all the students of the department to help the individuals affected by the calamity, the relevant picture is shown.



Donation of relief fund to Kodagu

5. Other Activities

- Nandini M N and Kiran M are attending free GATE training from VANI institute with reference from the faculties and the HOD, Mech. Dept.

Sl.No.	Name	USN
1	Nandini M N	1OX16ME055
2	Kiran M	1OX16ME044

6. Engine gifted by BMW as a part of 'skill next', a technical skilling initiative

- A BMW engine worth Rs.10 lakhs was gifted to the department of Mechanical Engineering for conduction of Research and Development programmes. The initiative taken by the company distributed 365 BMW engine and transmission units for free to engineering and technical institutes across the country out of which The Oxford College Of Engineering was one among them. It is as a result of initiative taken by the Principal, Dr. Praveena Gowda and HOD, Dr. Mahendra M Dhongadi. The various views and details of the engine are shown below.



Front view of the BMW 8 speed Steptronic automatic transmission



Side view of the BMW 8 speed Steptronic automatic transmission

JOURNAL PUBLICATIONS

- Mr. Raviprakash M published a paper titled "Processing and Mechanical Characterization of 8wt % of Micro B4C particulates Reinforced Al7020 Alloy Composites" in the month of July, 2018.
- Mr. G Madhusudhana Reddy published a paper titled "Role of thermal sprayed carbon nanotube composite coatings in improving resistance to wear and oxidation" in the month of September, 2018.
- Mr. Anup Upadhyaya published a paper titled "Grating based pressure monitoring system for subaquatic application" in the month of December, 2018.

FACULTY ACHIEVEMENTS

- Mr. Vidyadhar Pujar has successfully completed his comprehensive viva on July 2018, speeding towards the declaration of the doctorate title.
- Mr. Prasad H Nayak has completed his comprehensive viva on November, 2018.
- Mr. Shivakumar, Mr. Suhas, Mr. Shivasheshadri, Mr. Raviprakash, Mr. Rahul D, Mr. Vidhyadhar Pujar have attained 100% results.

TOPPERS OF THE EVEN SEMESTER 2018

Sl.No.	USN	Sem	Name	SGPA
1	1OX16ME023	IV	GauravRathi	8.41
2	1OX16ME038	IV	Kiran J	7.93
3	1OX15ME079	VI	Santosh Hosamani	8.27
4	1OX15ME042	VI	Kalyan Kumara	8.04
5	1OX15ME075	VI	Sanjay kumar	7.96
6	1OX15ME030	VI	Divakar A	7.96

SPORTS REPORT

Department is consistently participating in sports activities and winning many awards. This semester also our students have participated in some of the sports activities and won awards, the details are given below -

- Thimmanna, Thammiah, Bopanna and Koushik have participated in the Hockey tournament held by TOCE and VTU in the month of April, 2018.
- Shivaling M has participated in the Kabaddi tournament on 13-4-18



VTU Hockey Tournament (16-4-18)

Addition To Academics

- With proficiency in academics and man power handling capabilities, the HOD is also a good poet. The sample poem written by him is shown below.

ನನ್ನ ಮಗಳು

ನನ್ನ ಮಗಳು ನನಗಿಂತ ಭಾರಿ ಅದಾಳಿ,
ಒಂದಲ್ಲ ಎರಡು ಮೂರು ಡಿಗ್ರಿ ಮಾಡ್ಕಾಳಿ,
ಕನ್ನಡ ಹಿಂದಿ ಇಂಗ್ಲಿಷ್ ಭಾಷೆ ಎಲ್ಲಾ ಆಡ್ಕಾಳಿ,
ಹಳ್ಳಿಯಿಂದ ಇಂಗ್ಲೆಂಡ್ ವರೆಗೂ ಎಲ್ಲಾ ನೋಡ್ಕಾಳಿ,
ಸೈಕಲ್ ಹಿಡಿದು ಏರೋಪ್ಲೇನ್ ಎಲ್ಲಾ ಏರ್ಪಾಳಿ,
ಮಗನಿಗಿಂತ ಕಮ್ಮಿ ಇಲ್ಲ
ಎಲ್ಲದರಲ್ಲೂ ನಂಬರ ಒನ್
ಹುಟ್ಟಿದ ಮನೆಗೆ ಕೀರ್ತಿ ತಂದು
ಕೊಟ್ಟ ಮನೆಗೆ ಭಾಗ್ಯ ತಂದು

ಜ್ಞಾನ ವಿಜ್ಞಾನದಲ್ಲಿ ಕಲೆ-ಸಾಹಿತ್ಯದಲ್ಲಿ ಎಲ್ಲ ತಿಳಿದಾಳಿ,
ಆಡು ಮುಟ್ಟಿದ ಸೊಪ್ಪಿಲ್ಲ
ಮಗಳು ಮುಟ್ಟಿದ ಕ್ಷೇತ್ರವಿಲ್ಲ
ಕಲಿಯುಗದ ನನ್ನ ಮಗಳು ಭಾರಿ ಅದಾಳಿ,
ಮಗಳೇ ಅಂದರೆ ಸ್ಕೂರ್ತಿ
ಮಗಳು ಅಂದರೆ ಕೀರ್ತಿ
ನನ್ನ ಮಗಳು ನನಗಿಂತ ಭಾರಿ ಅದಾಳಿ,

ರಾಮ.ಧೋ

Poem by the HOD, Mechanical Engineering

- Mr. Ashwath has published many books and poems. He is also an actor in short films which has fetched him many awards. His poem is shown below.

ನೀ ನಕ್ಕ ನಗೆಯಲ್ಲಿ

ನೀನಕ್ಕ ನಗೆಯಲ್ಲಿ ದುಂಡುಮಲ್ಲಿಗೆಯೆರಳಿ
ನನ್ನದೆಯ ಬೆಂಗಾಡು ಬನವಾಯಿತು
ಯಾವ ತೀರದ ಗಾಳಿ ಹೊಂಗನನ ಎಳೆತಂದು
ನನ್ನದೆಯ ಗೂಡಲ್ಲಿ ಹಾಡಾಯಿತು

ನೀನಿಟ್ಟು ಹೆಜ್ಜೆಯಲಿ ಹೊನ್ನ ಹೂಮಳೆ ಚೆಲ್ಲಿ
ಅಡಿಗಡಿಗೇ ಹರ್ಷದೊಳೆ ಸೆಲೆಯಾಯಿತು
ಸಾಲು ಹಣತೆಗಳೆಲ್ಲಾ ಸಂಭ್ರಮದ ನಗೆಬೀರಿ
ಮನೆಯಲ್ಲಿ ಝಗಮಗಿಸೊ ಬೆಳಕಾಯಿತು

ಯಾರು ತೆರದಿಟ್ಟರೋ ಇಲ್ಲಿ ನಕ್ಷತ್ರ ಲೋಕವನ
ಕಾರ್ಮೋಡ ಜನುಜನುಗಿ ಹನಿಯಾಯಿತು
ಎಂಥಾ ಬೆಳಕಿನ ಚೆಲುವು ಎಂಥಾ ಪ್ರೀತಿಯ ಒಲವು
ನಿನಸಂಗ ಸಿರಿಸುಖದ ಹೊನಲಾಯಿತು

ಎಲ್ಲಿಯೋ ನೀ ಹುಟ್ಟಿ ಮತ್ತೆಲ್ಲೋ ನಾ ಹುಟ್ಟಿ
ಜನ್ಮ ಜನ್ಮಾಂತರದ ಕಥೆಯಾಯಿತು
ಎಲ್ಲಾ ದೇವರ ಆಣೆ ಯಾರ ಹರಕೆಯೋ ಕಾಣೆ
ಆ ದೇವರೇ ಬಂದಂತೆ ನನಗಾಯಿತು

ತುತಿಟ್ಟಿ ಬಾಲ್ಯದಲಿ ಮುತ್ತಿಟ್ಟಿ ಹರೆಯದಲಿ
ಮುಪ್ಪಿನಲಿ ಮಗಗಳಾಗಿ ವರವಾಯಿತು
ಗುರಿಯರದ ದಾರಿಯಲಿ ಕೊನೆಯರದ ಪಯಣದಲಿ
ಹೆಜ್ಜೆಗೂ ಈ ಪ್ರೀತಿ ನೆರಳಾಯಿತು

ಸಹಿಸಿದ್ದು ನೂರಾರು ದಹಿಸಿದ್ದು ಹಲವಾರು
ನೋವೀಗ ಕರಕರಗಿ ನಲಿವಾಯಿತು
ಬಂದಷ್ಟು ಬರಅನ್ನು ಎದೆತುಂಬಿ ನಿಂತಿರುವೆ
ಹೊಸ ಹಾದಿ ಹೊಸದಿಕ್ಕು ನನದಾಯಿತು

ಅಶ್ವತ್ಥ ಕಲ್ಲೇದೇವರಹಳ್ಳಿ

Mr. Ashwath Kalledevarahalli's Poem

DEPARTMENT OF AUTOMOBILE ENGINEERING

VISION

To establish the department as a renowned centre of excellence in the area of scientific education, research with industrial guidance and exploration of the latest advances in the rapidly changing field of Automobile Engineering.

MISSION

- M1** - The Department will serve its students, industry and society by fulfilling the mission of learning, and engagement through the creation, dissemination and application of engineering methods
- M2** - Encourage students to continuously challenge the existing methods in Automobile Engineering with an intention to align the students towards research.
- M3** - Impart knowledge on practical aspects and professional standards relevant to the practice of Automobile Engineering in the many aspects of modern life where it plays a vital role.

PROGRAM EDUCATIONAL OBJECTIVES

- PEO1** - Graduates shall display technical knowledge in basic

Mechanical and Automobile Engineering subject areas enabling them to find career opportunities in relevant government agencies, reputed private firms.

- PEO2** - Graduates shall gain practical knowledge in the working of Automobile Systems, capable of working on indigenous projects, ventures related to automotive discipline.
- PEO3** - Graduates shall be well versed with the academic learning material of the course syllabus and ready to take up further learning through higher education and scientific research.
- PEO4** - Graduates shall be well equipped with the requirements of the current industries to obtain job opportunities in Mechanical and Automotive sectors in the design, manufacturing, analysis domains.

EVENTS CONDUCTED:

Workshops / Workshops / Industry Visits / Conferences

- The department has conducted guest lectures and industry visits.
- The 6th issue of department newsletter titled "AutoTrack" was published in November 2018



Technical Talk by Resource Person



Department faculties



Guest lectures



Industrial visit

Sl. No.	Topic	Program	Date-Month-Year	Resource Person with designation
1	Manufacturing using Multispindle Automats	Technical talk	8 Aug 2018	Mr. M. ShivaKumar M/S Unique Precision, Bangalore-58

2	Overview of Plant layout & material handling equipments	Technical talk	21 Sept 2018	Dr. Mahendra M. Dhongadi, Professor & HOD, Mechanical, TOCE
3	Automobile Tractor & Construction Equipment Technology	Technical talk	26 Aug 2018	Mr. Biju George, Sr. Engineer, Escorts LTD, Bangalore
4	Mechanics of materials and Design of Machine Elements in Engineering Applications	Guest Lecture	10 Oct 2018	Dr. Shanmukha Professor & Dean (Student Affairs), Dept. of ME, RVCE, Bangalore
5	Fundamentals of Thermodynamics and its Engineering Applications	Guest Lecture	26 Oct 2018	Dr. K Ramanarasimha Professor & HOD, Mechanical, KSIT, Bangalore
6	Ansys15	Technical Training	21st to 26th Aug 2017	Nova-Global Technosoft Pvt Ltd, Bangalore
7	Aptitude and soft skill training	Soft skill training	18th to 23rd Sept 2017	Seven senses

- News letter is published (semester wise)
- Department magazines published

FACULTY ACHIEVEMENTS

- Dr. Raju B R professor and Head of Department appointed as BOE-Chairman to the Automobile Engineering Board for the academic year 2017-2018 by VTU Belgaum.
- Dr. Raju B R professor and Head of Department appointed as Member of B.O.S. to the Automobile Engineering for the CBCS Scheme 2016-2019 by VTU Belgaum.
- Mr. Prasanna S M, Mr. Maruthi S B, registered the Ph.D in Materials and Design..
- Following faculties achieved 100% pass result in their respective subjects – Dr. Raju B R, Mr. Deepak U S, Mr. Raviteja R N, Mr. Saphthagiri Prasad N, Mr. Maruthi S B, Mr. Sandeep K Chavan.

List of MISTE membership

Sl. No.	Name Of The Faculty	MISTE Membership	Membership Number
1	Mr. Hemantha C	Life member	LM122337
2	Mr. Harish kumar M	Life member	LM122338
3	Mr. Sandeep K Chavan	Life member	LM122339

4	Mr. Maruthi S B	Life member	LM122340
5	Mr. Sapthagiri Prasad N	Life member	LM122341
6	Mr. Raviteja R N	Life member	LM122342
7	Mr. Priyankar Dhole	Life member	LM122343
8	Mr. Prasanna S M	Life member	LM122345
9	Mr. Deepak U S	Life member	LM122346

STUDENTS' ACHIEVEMENT

Sl. No.	USN	Name of the Student	Rank
1	1OX13AU028	Sanjay Basavaraj Jalannav AR	4
2	1OX13AU009	M Nikhil	10

STUDENT TOPPERS LIST

UG Course

Sl.No.	Sem	USN	Name of the Student	Grade Points
CBCS SCHEME				
1	II	1OX17AU028	Ravi kishan v	78
2		1OX17AU004	Ansuman Tiwari	77
3	IV	1OX16AU034	Subramanya G.S	72
4		1OX16AU038	Vignesh p	68
5	VI	1OX15AU034	Prathap R Singh	79
6		1OX15AU037	Harishree Vaishnav	79
Non CBCS SCHEME				
1	VIII	1OX14AU014	Manjunath B	88
2		1OX14AU032	Shreyas Shenoy	86

PG Course

1	II	1OX17MAU01	Zameer S Sadath	76
2	IV	1OX16MAU01	Prateek Hebbar S P	85

Industry Interactions

Sl. No.	Name of the Companies	Purpose
1	Haddinakal Engineers	Students learn the process of design & manufacturing of special patterns and special castings for both ferrous & non-ferrous metals.
2	Koodal Engineers	Design & manufacturing of SPMs, Welding Jigs & Fixtures for Automotive applications, Leak Testing Machines, Roller Chain Conveyors, Robots and Material Handling systems.

Industry Visits

Sl. No.	Company visited	Date	No. of students participated
1	Haddinakal Engineers	24-9-2018	37+1 faculty
2	Koodal Engineers	26-10-2018	40+1 faculty

List of Participation in co-curricular activities

Sl. No.	Student Name	NSS/ NCC	Year	Award / Prize	Place
1	Deepak Raaj S	NCC	2017-18	"C" Certificate	Bangalore

DEPARTMENT OF MECHATRONICS ENGINEERING

VISION

To develop the Mechatronics Engineering Department as a leading educational and research program with innovation in the design and development of electro-mechanical systems, intelligent machines and products.

MISSION

M1 - To provide an outstanding education in Mechatronics Engineering with a rich diversity of skills.

M2 - To contribute to the community prosperity through professional services and research.

M3 - To prepare graduates with ability to engage in life-long learning and capable of carrying out engineering practice with competence.

FACULTY ACHIEVEMENT

- Professor Dr. Rohini Deshpande attended international conference CECNET2018 as invited speaker. It was hosted by RANGSIT university Thailand from 16th - 19th November 2018.



Dr. Rohini Deshpande with the delegates of CECNET

- Mr. Arnold Sachith Hans has successfully completed the Internshala Student Partner (ISP) 9.0 program with Internshala during the period of March 2018 to May 2018.
- Mr. Arnold Sachith Hans has successfully participated in PROTOTYPING TECHNIQUES AND PROCEDURES organized by CADD CENTER & INSTITUTE OF INDUSTRIAL DESIGN on 25-02-2018.
- Mr. Mohit and Mr. Nitin have secured first place in Mathematics Annual exhibition event at OXFORD MILANA -18 Intra-College Cultural Fest held on 12th and 13th of April 2018.
- Ms. Hanushitha K has secured 1st price in Essay writing competition conducted by Vijaya bank during awareness week 2018.

WORKSHOPS ATTENDED

- Assistant professor, Chethan S along with students of fifth semester Attended Two days hands on training workshop on ANDROID CONTROLLED PICK AND PLACE ROBOT USING AVR CONTROLLER, held at MIT campus , Anna University on 6th and 7th October, 2018.



Workshop at MIT, Chennai

JOURNAL PUBLICATIONS

- Mr. Chethan S, Sridar H S, Karthik S, Naveen N, Sudarshan H N published paper on “Effect of Heat treatment on tribological properties of A356 reinforced with bottom ash metal matrix particulate composite” in International Journal of Innovative Research in Science, Engineering and Technology.

STUDENTS ACHIEVEMENTS

- Mr. Arnold Sachith Hans successfully secured robotics internship at Tortoise Learning through Internshala-India's internship platform.
- Mr. Arnold Sachith Hans from THE OXFORD COLLEGE OF ENGINEERING hosted an Internshala seminar on 'Power of Internship & How to Get One'.
- Mr. Arnold Sachith Hans has successfully completed 4 months (from 1st of March, 2018 to 28th of June, 2018) long internship program, the Robo-impact Leagues under Tortoise Learning Pvt. Ltd. During the tenure of this internship, he was successful in building prototype for 4 robots, viz.,
 - Wireless remote controlled soccer robot
 - Wireless remote controlled catapult robot
- Mr. Arnold Sachith has successfully completed voice missions training at Squadrun Solutions Private Ltd. and is now eligible to attempt live client voice missions at Squadrun. where of let this certificate of qualification with the official signature seal bear witness given on 04-10-2018

PLACEMENT ACTIVITIES



Ajay Yadhukrishnan

- AJAY YADUKRISHNAN bearing USN-10X15MT002 has Placed in DOPPIO GROUP with a package of 6 LPA.



Josh Elias Joy

- JOSH ELIAS JOY bearing USN- 10X15MT017 has placed in TATA CONSULTANCY SERVICES with a package of 3.5 LPA.

STUDENT TOPPERS LIST

Sl.No.	USN	Name
1	10X14MT028	Monika M
2	10X15MT005	Arnold Sachith A Hans
3	10X16MT044	Kannika V Pai
4	10X17MT035	Shreya Biradar

VTU TOPPERS LIST

Sl.No.	USN	NAME
1	10X13MT033	Rajeshwari Premanand
2	10X13MT014	Denver Akshay L
3	10X13MT010	B Mohan Kumar
4	10X16MT044	Kannika V Pai
5	10X16MT004	Amoolya G
6	10X16MT012	Hanushitha K
7	10X17MT035	Shriya Biradar

WORKSHOP ORGANISED

- A two days' workshop on "HANDS ON TRAINING ON LabVIEW AND REMOTE ENGINEERING APPLICATIONS" has been organized by Cymbeline Private Limited at TOCE from 24th and 25th September 2018. The aim of the workshop was to provide knowledge for students in the field of LAB View and Remote Engineering



Inauguration of workshop of HANDS ON TRAINING ON LabVIEW AND REMOTE ENGINEERING APPLICATIONS from Principal



5th and 7th semester students along with the Resource person of Cymbeline Innovation Pvt. Ltd.

DEPARTMENT OF BIO-TECHNOLOGY

VISION

Aspiring to be recognized as a premier source of outstanding graduates, who in turn will help their enterprise attain and sustain industrial and societal competitiveness.

MISSION

To create and disseminate knowledge by being accountable for developing and motivating our pupils to attain academic excellence and industrial competency. With our focus on teaching and learning & research, we engage in helping our students to face challenges in the field of Biotechnology.

JOURNAL PUBLICATION

Faculties and students of the department are actively engaged in research and publish their work in peer reviewed Journals.

- Syed Murthuza & B.K. Manjunatha (2018). In vitro and in vivo evaluation of anti-inflammatory potency of *Mesua ferrea*, *Saraca asoca*, *Viscum album* & *Anthocephalus cadamba* in murine macrophages raw 264.7 cell lines and Wistar albino rats, Beni-Suef University Journal of Basic and Applied Sciences, 7(4): 719-723
- B.K. Manjunatha & Syed Murthuza (2018). Radioprotective and Immunomodulatory Effects of *Mesua ferrea* (Linn) from Western Ghats of India., in Irradiated Swiss Albino Mice and Splenic Lymphocytes, Journal of Radiation Research and Applied Sciences 11(1):66-74
- Valarmathy K, Suma T.K., Manjunatha B.K., Apoorva L and

- Vidyashree D (2018). Inhibition Studies of ALP on Heavy Metal Ions for the Design of Enzyme Based Biosensor to Heavy Metal Ions. International Journal of Engineering, Technology, Science and Research (IJETSR), 5(4): 75

GUEST LECTURES

The educational strategy of using guest lectures is expected to enhance our students' learning experience by providing current and relevant examples of the practical applications of theory. They also enrich students' knowledge with the latest updates of the Industrial technicalities. In order to achieve this department organizes such informative guest lectures on regular basis. This semester following guest lectures were organized:

- A Guest lecture on "Problem based learning for skill enhancement, skilling through industry needs" was organized by the Department, Dr. Rajinikanth Vangala, Director, InARI, Bengaluru, delivered the talk on 28th August 2018.
- A Guest lecture was organized by the Department on 20th September, 2018, Dr. Jayachandran, Lab India Analytical Instruments, Bengaluru, delivered the talk on "Advances in UV spectrophotometer with special reference to nanodrop technology-Live demonstration".
- An Expert lecture was organized on "Profile mentoring" by Mr. Jagadish R, Senior Business Development Associate, BYJU's (Think & Learn Pvt. Ltd.), Bengaluru on 8th October for VII and V semester students. This lecture mainly concentrated on providing necessary inputs for students in their preparations for placement and higher studies.

- A Guest lecture on “Isolation, characterization and biological screening of natural compounds using biochemical assays” was organized by the Department. Mr. Sidharth Dubey, Managing Director, Cell Kraft Technologies, Bengaluru delivered the talk on 2nd November, 2018.



Guest lecture Photographs: Clockwise from Top - Dr. Rajnikant, Dr. Jayachandran and Mr. Sidharth

Conference/ Workshop attended by the students

Students are encouraged to attend conferences, symposium, workshops and training. By participating in these events they get an opportunity to exchange their ideas, participate in debates and develop acquaintance with people from industries and other institutes. This helps them to build network and increase their awareness of new trends happening in their area of interest. The following students have actively participated in national and state level programs organized by various institutes:

- Afiya Kousar, Gagana B, Neha H L, Punya L Gowda and Rakshith K S of 7th semester attended Student Development Programme on “Micro-array Data and NGS Sequencing Data Analysis and Applications in Drug Discovery” organized by Dept. of Biotechnology, Sir MVIT, Bengaluru on 6th – 10th August, 2018
- Chaitanya R (7th sem), B Siddharth, Goutham M and Devi Varaprasad (5th sem) participated in “Open source support & access to research” conference organized by OSPF, NIAS at IISc, Bengaluru on 11th Aug, 2018
- Anusha S, Aishwarya A, Sumalatha M, Saima Jamal, Purvika C, Kunalika M H and Sushma of 3rd semester has attended two days workshop on Algal Bloom Imaging National Level Annual Tech Symposium “Phase Shift” on 15th – 16th September 2018 organized by BMS College of Engineering, Bengaluru
- Preetham A of 3rd semester has attended One – day Training on “Biofuel Production and Characterization” on 28th September 2018 organized by Centre of Excellence for Energy Research, Center for Waste Management, Sathyabama Institute of Science and Technology, Chennai
- Anusha S, Saima Jamal, Arpitha K, Pavan Vignesh U, Anoop M, Krishnadev V and Akshay S of 3rd semester attended two days symposium on “Regulatory Affairs & GMP in Biopharmaceutics” organized by Dept. of Biotechnology, Acharya Institute of Technology, Bengaluru on 26th – 27th October 2018
- Annapoorna Devi, Noorayisha Khanam, Sonia V, Jeevitha K, Keerthana M, Preethi KP, Goutham M and Krithika of 5th semester

attended two days symposium on “Regulatory Affairs & GMP in Biopharmaceutics” organized by Dept. of Biotechnology, Acharya Institute of Technology, Bengaluru on 26th – 27th October 2018

- Afiya Kousar, Gagana B, Neha H L, Punya L Gowda and Rakshith K S students of 7th semester has attended “Pre-event workshop on nanotechnology” organized by BMS College of Engineering, Bengaluru on 27th November 2018

Bio-Forum

- Students are encouraged to make scientific models for better understanding of the subject. This semester the Department Organized an Intra-Departmental biomodelling competition “Bioresonance-2K18” on 2nd November 2018 on “Sustainable environment, Cell biology and Unit Operations”. The following students emerged as the winners:

Sl. No.	Name	Place secured	Sem
1	Akshat Jaiswal, Gowtham M, B R Siddharth	I	V
2	Ashwathi C, Jasmine Mary, Yashaswini B A	II	
3	Lavanya P, Prathyusha Pedapati, Preethi K P, Soniya V and Krithika S	III	
4	S Komalesh, Aksay V Nair, Dhanush P, Atul Anand Gupta, Purushotham Rao, Rahul N and Preetham	I	III
5	Saima Jamal, Anusha S, Ishwarya A and Sumalatha	II	
6	Arpitha K, Gamyashree K and Harshitha T	III	



Biomodelling Photographs

DEPARTMENT ALUMNI MEET

Interaction of the students with the alumni of the department provides an insight of industrial environment and its difference from academics. It also helps us to get the feedback on the course, which in turn helps the department to implement the feedback of the alumni in the

curriculum. So, the department invites their alumni on regular basis to department and provides an opportunity to the current students to interact with them. With this context the Department of Biotechnology organized its alumni meet on 1st September, 2018, which indulged in facilitating an interaction between the alumni and the current students.



WORKSHOPS ATTENDED BY FACULTY

The department faculties are encouraged to attend FDPs training activities on regular basis in order to improve knowledge, social skills necessary for collaboration, professional growth and leadership abilities. Dr. B K Manjunatha, Professor and Head & Mr. Divakara R, Asst. Professor, have attended three days training programme on 'Improved Production Technologies of Aromatic and Medicinal Plants and Aromatic Oils' at CSIR-CIMAP Research Centre, Bengaluru from 28th to 30th December 2018.

Ph. D. VIVA-VOCE

Mr. Praveen Kumar, Research Scholar has successfully completed his Ph.D. viva-voce on 26th October 2018. Dr. V Krishna, Chairman, Dept. of Biotechnology, Kuvempu University, evaluated the thesis and recommended for the award of Ph.D Degree.

ACADEMIC PERFORMANCE

The 2018-19 academic year started with good academic results and the result is as follows:

- Overall pass percentage of VIII semester – 100%
- Overall pass percentage of VI semester – 94%
- Overall pass percentage of IV semester – 91%
- Overall pass percentage of II semester – 80%

STUDENT TOPPERS LIST

Sem	USN	Name	Percentage
VIII	10X14BT002	Aishwarya B	82.0
	10X14BT001	Aditi M	80.0
VI	10X15BT045	Umme Hani	78.0
	10X15BT016	Kala Sai Sarwani	77.0
IV	10X16BT002	Ananya Omprakash	87.0
	10X16BT014	G Prateeksha	78.75
II	10X17BT038	Saima Jamal	87.6
	10X17BT004	Anusha S	86.9

DEPARTMENT OF CIVIL ENGINEERING

VISION

To impart very High Quality education to the students to make them do innovative sustainable engineering relevant to industry and people at large.

MISSION

- **M1** - To emphasize on basics of engineering as well as their applications relevant to the industry.
- **M2** - To serve the society with due consideration of economy, ecology and ethical issues of nation.
- **M3** - To sensitize the students and faculty to take up research and consultancy to be on par with international standards.

DEPARTMENTAL ACTIVITIES

- A guest lecture was organized on 20th August 2018 on ASCE Course related to CAD software in the department Seminar Hall
- Workshop was organised by RICS Built environment, "The new modified construction techniques in Civil engineering" on 12th October 2018, in the department seminar hall.
- Soft skill Training program was organised for final year students on 4th, 5th, 6th, 9th 10th , 11th October 2018 in the department.



Guest lecturer delivering the lecture in workshop organised by "RICS BUILT ENVIRONMENT"



Guest Lecturer Giving a talk on "ASCE Course related to CAD"

ACHIEVEMENTS OF FACULTY

Recognition Of Faculty

- Dr. Amarnath K who was former Head Of the Department of Civil Engineering was given the recognition of being the Director Of The Oxford Educational Institutions.
- Dr. Malleshaiah T.S who was Formerly the Senior faculty in the department was given the recognition of being Head Of The Department.

Cent Percent Result Of Faculty

Sl. No.	Faculty Name	Subject with Code
1	Dr. Malleshaih	Advanced Concrete Technology (10CV81)
2	Mr. Shivanand C G	Design and Drawing of Steel Structures (10CV82)
3	Mr. Arunkumar B N	Design of Substructures(17CSE24)
4	Mr. Prashanth Hathwar T S	Design Of Masonry Structures (16CSE424)
5	Mrs. Karuna S	Earthquake Resistant Design of Structures (17CSE22)

6	Ms. Ramya A V	Construction Management and Entrepreneurship (15CV61)
7	Ms. Shradha	Urban Transport Planning (10CV843)

ACHIEVEMENTS OF STUDENTS

- A final year students project team of Karthik Kumar, Karthik H, Justin M, Gautham D H and Kushal, Nisarga, Prabhu, Bharath Kumar under the guidance of Mr. AMRUTH K, received a research grant (Cash Prize of Rs.5000) from VTU for their project work titled Odour regulation- a solution to control odour from municipal solid waste treatment plant & A study on preparation of feasibility report for implementing straddling bus technology for Bangalore.

TOPPER'S LIST: (JUNE/JULY 2018 Even semester)

Sem	Student Name	Percentage
VIII	Asha S	86
	Nisarga	84
VI	Srilakshmi A S	85.25
	C Sushma	82
IV	Nagashree G V	81
	Anugraha K	78

DEPARTMENT OF MATHEMATICS

VISION

We envision that our department will continue to grow as an intellectually stimulating environment that attracts engineers who have a knack for interdisciplinary research. We hope that the department will play a central role in bridging fundamental sciences and engineering.

MISSION

Our mission is educating our students to excel in their work as well as mentor the next generation of engineers. We provide engineering Mathematics with theoretical and application oriented technique and making them successful personally & professionally.

RESEARCH ACTIVITIES

- Congratulations to Prof. Palanivel K, for getting Ph.D award, "An analysis of domination and regularity of intuitionistic fuzzy graphs", under the guidance of Dr. M.G. Karunambigai.
- Prof. Sreenivasa Reddy P has submitted his Ph.D thesis to Visvesvaraya Technological University, Belagavi.
- Prof. Hemalatha N.C has submitted his Ph.D thesis to Visvesvaraya Technological University, Belagavi.
- Prof. Naveen has completed course work for Ph.D under Dr. Mallikarjun K in Visvesvaraya Technological University, Belagavi.
- Prof. Selastina Marry has completed course work for Ph.D under Dr. Mallikarjun K in Visvesvaraya Technological University, Belagavi.
- Prof. Moumita Kali has completed course work for Ph.D under Dr. Mallikarjun K in Visvesvaraya Technological University, Belagavi.

- Prof. Smita has completed course work for Ph.D under Dr. Mallikarjun K in Visvesvaraya Technological University, Belagavi.

DEPARTMENTAL ACTIVITIES

- Organized a guest lecture on Advanced Mathematics related to CBCS 2018 scheme on dated 07-11-2018



- Organized SADBHAVANA pledge on 20 August 2018



DEPARTMENT OF PHYSICS

VISION

To inculcate interest in Physics and promote the understanding of it and also to develop observational and computational skills, which will take the development in technology to new heights.

MISSION

The department has been working towards fulfilling its vision through a synergetic combination of teaching and research. The department also strives to promote excellence in technical education and scientific research through the effective use of Physics in real time engineering problems.

RESEARCH PUBLICATIONS

- Paper entitled "Synthesis and photocatalytic properties of graphitic carbon nitride nanostructures using anodic alumina templates" was published in Material research express Vol 920(2018)2053-1591 by Suchitra S.M
- Paper entitled "Synthesis and characterization of graphitic carbon nitride nanotubes using porous anodic alumina templates" was published in AIP Advance Science Letters Vol 24(2018)8 by Suchitra S.M

DEPARTMENT OF CHEMISTRY

VISION:

Our vision is to give our students an in-depth exposure to the latest developments in chemistry made by reputed scientists and experts in this field. To equip individuals capable of learning in the new millennium.

MISSION:

Our mission is to provide a contemporary foundation for addressing problems in chemistry. Also to develop competent engineers with good values and to equip them to face the challenges of the continuously changing world.

GUEST OR EXPERT LECTURES

- A series of expert talk on the topics -Universal Human Values, Language Proficiency, Personality Grooming and Health Awareness

were organized during Induction Program for B.E. first year students (27/08/18-15/9/18).

JOURNAL PUBLICATIONS

- Shipra Bhati, Microwave assisted synthesis, antimicrobial activity and in silico pharmacokinetic study of some novel 1', 3', 4'-oxadiazole derivatives, Rasayan Journal of Chemistry, July-Sep.,2018.
- Jyoti Shankarrao Kavirajwar, A study into the effect of a new brightener on electro deposition and corrosion resistance of Zinc, Journal for Electrochemistry and Plating Technology, Sept 2018.

ENGINEERING CHEMISTRY RESULT

Engineering Chemistry Theory - 83.00%
Engineering Chemistry Lab - 100%

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

VISION

Excel to meet the global needs of computer education, research, service and human resource with competitive edge.

MISSION

Learning centered education, industry centered service and research strong community relationship, serve the underserved, meet the regional, national and global educational needs, inter organizational

linkage, strategic future oriented planning, professionalism in computer applications. Excellence in knowledge, skills, service and attitude, open organizational climate.

GUEST LECTURES

- Guest Lecture on "Mobile Applications" and the resource person was Mr. Palle Satish Reddy, Director of Palle Technologies, Bengaluru on 24th September 2018 at new building 6th floor Lab1 .



Expert delivering lecture

- Guest Lecture on “Career Guidance in Software field ”was given by Mr. Rajah Cathiawad Manager Marketing, Asia Pacific-Siemens, PLM software on 22nd October 2018 at new building 6th floor seminar hall.



Guest delivering the lecture

ACTIVITIES

- The Department of Computer Science and Applications, The Oxford College of Engineering organized one day workshop on “Rapid Mobile App Development with Android” resource person was Mr. Palle Satish Reddy, Director of Palle Technologies, Bengaluru on 24th September 2018 at new building 6th floor Lab1.



Lamp Lighting on workshop

Students attending the session

- The Department of Computer Science and Applications, The Oxford College of Engineering organized one day workshop on “Java Technology” resource person was Mr. Palle Satish Reddy, Director of Palle Technologies, Bengaluru on 16th November 2018 at new building 6th floor Lab1.



Students learning the technology



Student receiving certificate

FACULTY ACHIEVEMENTS

Research Activity

- Ms. E Selvi bearing USN 10X11PEN01 under the guidance of Dr. M.S. Shashidhara has submitted her Ph.D thesis on December 2018.
- Paper published under GJCST by Dr. M.S. Shashidhara titled “An efficient multi path dynamic routing protocol for computing and constrained Mobile Ad-hoc network environment” has been identified most impactful paper.

Research Publications

- Prof. & HOD Dr. Shashidhara, published Paper titled “A simple approach on Controlled venture breakdown approach executor and navigator” in International Journal of Creative Research Thoughts (IJCRT).
- Prof. Kimmi Kumari Published Paper titled “A survey on Bigdata processing: Techniques issues and challenges” in ICEL3S.

WORKSHOPS / CONFERENCES ATTENDED BY STAFF MEMBERS

- Prof. Dharamvir, Prof. J C Achutha, Prof. Mridula Shukla, Prof. Saritha S, Prof. Ashok B P, Prof. Ushasree, Prof. Kimmi Kumari attended one day Workshop on “Rapid Mobile App Development with Android” at TOCE, Bangalore on 24/09/2018.
- Prof. Kimmi Kumari, Assistant Professor, attended five days Workshop on “Block Chain” at IIM, Ahmedabad from 16/11/2018 to 20/11/2018.
- Prof. Dharamvir, Prof. J C Achutha, Prof. Mridula Shukla, Prof. Saritha S, Prof. Ashok B P, Prof. Ushasree attended one day workshop on “Java Technology” at TOCE, Bangalore on 16/11/2018.
- Prof. Dharamvir, Prof. J C Achutha, Prof. Mridula Shukla, Prof. Saritha S, Prof. Ushasree, Prof. Ashok B P attended International conference on “Recent Trend in Computer science Engineering or Electronics” at Dept. of ECE, TOCE on 03/01/2019.

FACULTY ACHIEVEMENTS (CENT PERCENT RESULT)

The following staff member achieved 100% result in their respective subjects VTU exams held in May-2018.

SI.No.	Faculty Name	Subject Name with code
1	Prof. J C Achutha	Big Data Analytics/16MCA452

STUDENTS' ACHIEVEMENTS

Toppers List

Sl.No.	USN	Name	Percentage	Rank
1	10X17MCA04	Pruthviraj K	77.12	FIRST
2	10X17MCA08	Sumaiya	76.62	SECOND
3	10X16MCA13	Meghana	83.05	FIRST
4	10X16MCA04	Chaitra SP	79.64	SECOND
5	10X15MCA06	Dhanalakshmi K	100.0	FIRST
6	10X15MCA20	Rajesh P J	99.60	SECOND

List Of Students Placed / Internship (Jul-Dec 2018)

Sl.No.	USN	NAME	COMPANY NAME
1	10X16MCA21	Raja Paul	Appscrip
2	10X17MCA88	Akshansh Shrivastava	Appscrip
3	10X17MCA88	Akshansh Shrivastava	Swiggy

List Of Students Attended Competition Details

USN	10Y17MCA81	10Y17MCA82
Name	Nayana K S	Renukha I
Sem	V	V
Event and Venue	Essay writing Competition "vigilance awareness week-2018" organized by Department of MCA in association with VIJAYA BANK on 31st October, 2018	Poster Presentation Competition "vigilance awareness week-2018" organized by Department of MCA in association with VIJAYA BANK on 31st October, 2018
Rank	2nd	3rd

OTHER INFORMATION

- Dr. M S Shashidhara has been appointed as BOS Coordinator for the VTU Syllabus 2018 & BOS for MSc. Computer Science, National college, Basavanagudi, Bangalore.
- Teachers day celebration by MCA Students on 6th September 2018.



Teacher's Day celebration

Teachers with students

- SoftSkill Training was conducted from 3rd to 5th October 2018 and

from 9th to 11th October (6 days) by Seventh Sense Talent Solutions, Bangalore for 5th sem MCA students. Raja Paul was identified as a most participative student in SoftSkill session.



Session attended by students

Student Raja Paul receiving award

- Inaugural function of first year classes of MBA, MCA, M.Tech programmes was conducted 22nd October 2018, 10.00AM at 6th floor seminar hall #604, New Block. Sudarshan S A, General Manager, RO, Vijaya Bank was Chief Guest and Mr. Rajah Cathiawad, Manager Marketing, Asia Pacific-Siemens, PLM software was Guest of Honour.



Lamp Lighting by delegates on dias

Honour of Convener Dr. S Shashidhara, HOD MCA

- Vijaya Bank Elocution 2018 - The Department has organized an ORATORICAL COMPETITION in association with VIJAYA BANK as a part of "Vigilance Awareness Programme on 2nd November 2017 at 6th floor Seminar Hall. The oratorical competition emphatically aimed to promote integrity, transparency and accountability in public life. The observance of vigilance awareness is one such outreach measure where in all stake holders are encouraged to prevent and combat corruption. The competition was contested among 30 participants from various departments of the college. The Winners were awarded with Cash prizes and certificates in the valedictory function. The Chief Guest was Mr. Sudarshan S A, General Manager, RO-Bangalore South and delivered the Keynote Address. The event was also attended by Mrs. Ramyalakshmi Chander, Branch Manager, Vijaya Bank- Oxford Dental College Branch.



Delegates on dias



Students receiving awards

DEPARTMENT OF MANAGEMENT STUDIES (MBA)

VISION

To impart value based management education to the students, to nurture and enhance their competencies and to prepare them to face the challenges of industry, society and country.

MISSION

To provide integrated knowledge and demonstrated ability to the students and to groom them towards building their careers well equipped professionals. To foster a passion for learning, creative thinking and leadership skills that help in developing entrepreneurial abilities among the students.

Guest Lecture

- **Tuesday 23rd October**, 2018 there was guest lecture by Prof. Lucas Mariasavery who has more than twenty years in developing students towards their goals and objectives. Framing the mindset of the students towards constructive thinking and motivate them to reorganizing their creative skills



Prof. Lucas Mariasavery



Mr. Akshay Raj

- Mr. Lisho Rajan, an entrepreneur and Akshay Raj an executive at an e-learning start-up shared their one year experience with the students. Mr. Lisho Rajan, shared his experience of starting the new venture with the freshers. Mr. Akshay Raj, brought out the importance of excelling in academics –that forms the stepping stone to better corporate openings.



Mr. Lisho Ranjan

- Tuesday 25th October, the morning session was taken by Ms. Preeja Sridhar. She started her career as a journalist and a copy writer. She is a prolific writer and keen researcher.



Ms. Preeja Sreedhar Corporate Trainer

- Mr. Harshit Gupta, Senior Director – Digital, Group M India, was the Chief guest and delivered a lecture on Digital Marketing.



Mr. Harshit Gupta Senior Director Digital Group M India

- Mr. Harshit Gupta briefed about the various pros of digital marketing like cost effectiveness, overcoming the place barrier etc. The increasing job prospects in the field of digital marketing were highlighted.



Guest Lecture By Shridhar Kubsad ANZ Grindlays

Entrepreneurship Awareness Camp

MBA department conducted Entrepreneur Awareness Camp sponsored by EDI on 28th, 29th and 30th of November 2018 under DST-NIMAT project



Plastic Free Campus event

The event of “PLASTIC FREE CAMPUS” was organized by MBA students of The Oxford College of Engineering on 13th of December 2018 with the aim of creating awareness on usage of Plastic and its consequences.



FACULTY ACHIEVEMENT

Cent percent Result

Sl.No.	Faculty Name	Subject Code
1	Prof. Savitha K P	16MBAHR301
2	Prof. Chandrika	16MBAFM303

Best Projects Selected College Level

Sl. No.	Student USN	Project	Faculty Guided
1	10XMBA39	A Study On price Earnings Ratio on Tool for Predicting the Future Growth	Prof. Sahana A
2	10Y16MBA41	A Study On Cost Optimization For Solar Rooftop Project At Tata Power Solar Systems Limited Bangalore	Prof. Savitha KP

JOURNAL PUBLICATION: List Of Publication By Faculty In Journals 2018 – MBA

Sl. No.	NAME OF THE FACULTY	TITLE OF THE PAPER	JOURNAL	NATIONAL / INTERNATIONAL	ISSN/ISBN/IF/H/CITATION INDEX
1	Dr. Dhanlakshmi R V	A Conceptual study on 'The war for Talent' and its impact on organizational Branding	DBJC Journal of Business Research Jain Spire	National	Vol. No.1 Issue No 28, ISSN:2248-9711

2	Dr. Dhanlakshmi R V	A Study on the Antecedents and Factors Affecting work Life Balance in Organizations	GJRA- Global Journal for Research Analysis	International	Vol. No.7 Issue -2 ISSN:2277-8160
3	Dr. Dhanlakshmi R V	A Meta Analysis On the Need For Talent Management in the current Scenario	International Journal of Scientific Research	International	Vol.No.7 Issue 2, Feb-2018,ISSN: 2277-8179
4	Dr. M. Kathiravan.	Optimization Talent Management Process Analytics on Pharmaceutical SMEs Employees: Empirical Perspective	International Journal of Pharmaceutical Science Review and Research Article	International	Article No.11 pp.52-59, ISSN: 0976-044X
5	Dr. M. Kathiravan.	Convergence in Effective Performance Appraisal System Technique: Foster Employee Involvement and Organizational Commitment Evidence from Indian SMEs	Asian Journal of Research in Banking and Finance	International	Vol.No.7 Issue 12 Dec 2017 pp 87-110
6	Ms. Richa Tiwari	From Smart To Cognitive: A Roadmap for Technology in Smart Cities	International Journal of Emerging Technologies and Innovative Research	International	Vol 7, ISSN:2349-5162

PLACEMENT DETAILS : 2016 -18

List of Students Placed from MBA Dept - 2018

Company Name	No. of students Attended	No. of students Selected	Salary offered
Global Mergers	10	04	Internship
J.K Cements	06	01	Internship
People's Education	08	-	Placement
Muthoot Finance	25	20	Placement
Pinkclick	25	07	Placement
Net Connect	10	04	Placement
Lot logistics	10	02	Placement
Oyo Hotels	01	01	Placement
Fiedility	25	08	Placement

Sl. No.	USN	Name	Company
1	10Y16MBA21	Maruthi B J	Muthoot Finance
2	10Y16MBA40	Santhosh Reddy C	Muthoot Finance
3	10X16MBA76	Sanjay Kumar H	Muthoot Finance
4	10Y16MBA25	Ragavendra N	Muthoot Finance
5	10X16MBA28	Hemanth N	Muthoot Finance
6	10X16MBA41	Harish M	Muthoot Finance
7	10X16MBA53	Md Jeeshan	Muthoot Finance
8	10X16MBA67	Pradeep CK	Muthoot Finance
9	10Y16MBA70	Vishnu K	Muthoot Finance
10	10Y16MBA25	Ragavendra N	PinkClick
11	10Y16MBA08	Darshan A	PinkClick

12	10X16MBA07	Anil Kumar P	PinkClick
13	10X16MBA67	Pradeep CK	PinkClick
14	10X16MBA35	Kavya K	Netconnect
15	10X16MBA47	Manasa	Netconnect
16	10X16MBA39	Lavanya	Netconnect
17	10X16MBA05	Amit Singh	Netconnect
18	10Y16MBA25	Ragavendra	Lot logistic
19	10X16MBA28	Hemanth N	Lot logistic
20	10Y16MBA17	Kritee Dhakal	Oyo Hotels
21	10Y16MBA11	Divya Bai	Fiedility
22	10X16MBA06	Amit Singh	Fiedility
23	10X16MBA15	Chandan Kumar	Fiedility
24	10Y16MBA28	S Gireesh	Fiedility
25	10Y16MBA12	Emetha Veronica	Fiedility
26	10X16MBA45	Manasa Hanumanthiah	Fiedility
27	10Y16MBA13	Fazila Khanum	Fiedility
28	10Y16MBA55	MD Zeeshan	Fiedility

Student Toppers List

Sl. No.	USN	Student Name	Percentage
1	10Y16MBA54	Sindhu S	77.0
2	10X16MBA10	Anusha B	72.0
3	10X16MBA21	Devi D	72.0
4	10X16MBA25	Ganavi	71.8
5	10X16MBA22	Divya S	71.5

INDUSTRIAL VISIT

Industrial Visit for 1st Semester 2018

The industrial visit was learning experience for the students as it was the practical part of the prescribed syllabus. The faculty took an initiative to create an industry connect for the benefit of the student .



DEPARTMENT OF PHYSICAL EDUCATION

During the year 2018-2019 the physical education department organizing many sports programs. Students of our college were enthusiastically participated in various sports and games.



Mahesh G

Sports committee for the year 2018-2019 has been constituted with following staff members.

Sports Committee 2018-2019

Sl.No.	Name	Dept
1	Mahesh G	Sports
2	Shruthi BT	Sports
3	Shoba T	CSE
4	Divakar	BT
5	Dr.M kathiravan	MBA
6	Deepa	EEE
7	Ashok	MCA
8	Abishek	CIVIL
9	Veeresh	ECE
10	Abijith	ME
11	Deepak	AUTO
12	Anupama	ARCH
13	Chethan	MT
14	Channapa Gowda	ISE

Selected to Represent Interuniversity tournaments



Akarsh T

Our student Akarsh of dept CIVIL has represented VTU in all India inter university kho-kho (Men) team at Sri Venkateshwara University Tirupathi (AP) from 24th to 28th October 2018.



Inchara V R

Our student Inchara of dept CIVIL has represented VTU in all India inter university kabaddi (Women) team at Bangalore north University Bangalore from 12th to 15th November 2018.



Koushik M N

Our student Kowshik M N of dept ME has represented VTU in all India inter university hockey (Men) team at Nagarjuna University (AP) from 10th to 14th November 2018.



Prajwal P P

Our student Prajwal P P of dept MT has represented VTU in all India inter university hockey (Men) team at Nagarjuna University (AP) from 10th to 14th November 2018.



Nayana B U

Our student Nayana B U of dept EEE has represented VTU in all India Inter-university Kabaddi (Women) team at Bangalore North University Bangalore from 12th to 15th November 2018.



Ajay A

Our student Ajay A of Dept. AUTO has represented VTU single zone taekwondo competition (Men) held at VKIT Bangalore from 10th to 14th November 2018 secured 3rd place.



Sheetal Prakash

Our student sheetal prakash of Dept. B. ARCH has represented VTU single zone swimming competition (Women) held at BMSCE Bangalore from 30th Sept 2018 secured 3rd place.



VTU Bangalore Central Zone Hockey (men) tournament held at NHCE Bangalore from 27th & 28th April 2018 secured 1st place



VTU Bangalore Central Zone Kho-Kho (men) tournament held at Cambridge IT Bangalore from 7th & 8th April 2018 secured 1st place



VTU Bangalore Central Zone Kabaddi (men) tournament held at TOCE Bangalore from 21st & 22nd April 2018 secured 1st place



VTU Bangalore Central Zone Kabaddi (Women) tournament held at CIT Gubbi from 4th & 5th May 2018 secured 3rd place

KANNADA RAJYOTSAVA

Kannada Rajyotsava is an auspicious occasion to remember our honorable and historical personalities of Karnataka and also to get connected to our roots and culture. By the divine blessings of our Chairman Shri S. NarasaRajugaru, the OXFORD family was immensely happy and honoured to celebrate Kannada Rajyotsava. The event had eminent personalities as guests namely Dr. Gajanana Sharma, Retired Superintendent Engineer, Shri. Tejaswi Surya – Well known Speaker, LLB from Bangalore . This mega event had activities like hoisting Karnataka flag with the “NaadaGeete” (State Anthem) after which Dr. Gajanana Sharma and Shri. Tejaswi Surya gave passionate speech and inspired the gathering and also encouraged the students to work towards building a brighter nation.

Cultural activities like dancing, singing, etc. were performed by the students from all the departments. Students actively participated in the event and the crowd cheered with lot of zeal and enthusiasm. DolluKuniitha was performed in the afternoon with music and where the attractive attire of the troop and their high spirits filled the air with fun and frolic. Everyone danced to their hearts content to the tunes of “Thamate” and “DolluKuniitha”

The event highlighted on the significance of preserving the language “KANNADA” and emphasized the responsibility of Bengalurians in bringing the beauty and essence of the language back to its original status.



