



# MEI POLYTECHNIC

Rajajinagar, Bangalore-10 (Govt.Aided Institution)

## Monthly e-News letter

Volume -1

Issue-3

September-2019

### Message form President, Governing Council , M.E.I Polytechnic



*Sri.M.T.Narasimhan*

Dear students, teaching and non-teaching staff, I strongly believe the main strength of any educational institution are the teachers and I am proud to say we at MEI both day and evening polytechnic have the best. Newsletters will help us share the activities we have done and store them for posterity. I congratulate Dr.H.Chandrashekar for taking up the responsibility of enewsletter. My best wishes to you all and happy Dasara anad Deepavali .

### Editorial Team

**President, Governing Council**  
Sri.T.Ravi Narashimhan

**Honorary Secretary M.T.E.S**  
Sri.T.Narayanaswamy

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Mohammed Siddique Baig  
5<sup>th</sup> Sem Civil Department

## CULTURAL EVENTS

Lord Ganesha Festival was celebrated in the campus on 04-09-2019



## ISTE STUDENTS SEMINAR

ISTE Students Chapter has conducted Students seminar competition held on 06-09-2019 for Civil Engineering students. 41 students participated in the seminar and presented various topics.

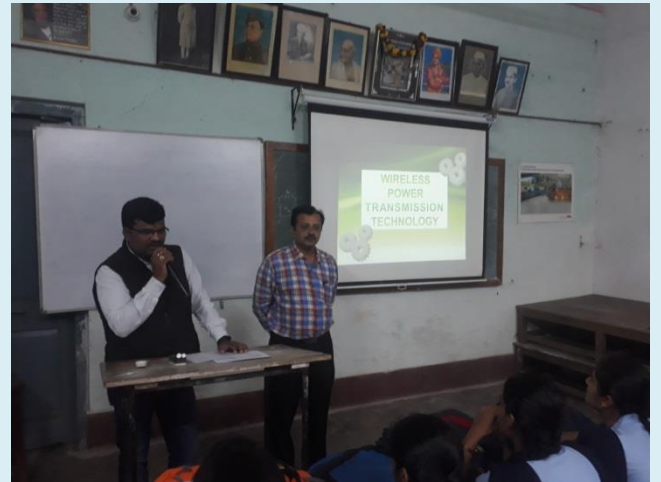
Title of the Seminar Topics	Students
Smart Materials in Civil Engineering	Sangamesh,Nikil, Poojari.L.B, Sagar
Cloud Seeding	Shoba.B.R, Ramya.N, Navyanjali.R
Building Integrated Photo Voltoics	Hemanth.B, Hemanth.S, Jagadish.D, Darshan
Low Cost Housing Material	Bhavya.G, Ashwini.R
Plastic Roads	Harish
Hydroponic Technology	Kavana.K, Mamatha.M, Lanchana.H
Watershed Management	Kaleemulla.Z, Siddiqe Baig.Z
Dams and reservoirs	Harshitha , Dharani and Geetha
Marvels of Modern Civil Engineering	Rabiya syeda, Prerana Chowhan.N, Poornima.R
Spillways	Nitya and Anusha
Micro Irrigation Techniques	Raghavendra.D.K, Mohankumar.B,Rohith.P, Venkatesh.B
Hydrology	Chandan, Anand, Dhanuah, Jathin



**ISTE Students Chapter has conducted Students seminar competition on 07-09-2019 for students of Electrical and Electronics Department. 15 students participated in the seminar and presented various topics.**



Title of the Seminar Topics	Students
Wireless Power Transmission Technology	Shri Vidya and Rohan
Life Story of Arunima	Gopal Krishna
Road Power Generation	Rishwanth
Wireless Battery Charging	Hemalatha
Auto intensity control of street light circuit and working	Sowmya
Solar Power Auto Irrigation System	Sumaand Sangeetha
SCADA and Plc working in Distribution system	Kaushik and Srinivas
Foot step power generation	Arkhan
Smart Grid	Abhineet
Driverless Cars	Ananya.M
Wireless connection	Vidya
Solar system	Shashidhar



ISTE Students Chapter has conducted Students seminar competition on 19-09-2019 for students of Computer science Department. 14 students participated in the seminar and presented various topics.

Sl no	Title of the Seminar Topics	Students	Class
1	Ethical Hacking	Shyam.L	Vsem
2	Waste to energy	Manjula	Vsem
3	Virtual Reality and augmented reality	Nisarga, Prashanth.S, Chethan	Vsem
4	Social Media	Vaishnavi	III Sem
5	Environmental pollution and prevention	Prerana ,Nandini	III Sem
6	Li-fi Technology	ShakthiMahendra	Vsem
7	Artificial Intelligence	Bhanupriya ,Rekha	III Sem
8	Goals are good for you	Kavya ,Lavanya	III Sem



**ISTE Students Chapter has conducted Students seminar competition on 21-09-2019 for fifth sem students of Electronics Instrumentation and control Dept. 41 students participated in the seminar and presented various topics.**

Sl no	Title of the Seminar Topics	Students
1	Environmental Issues	Humera, Poornima, Anurag, and Priya
2	Optimize water supply	Pranavi, Naveen and Shreelatha
3	Robot Introduction, Specification and application	Darshini.S, Harshitha.A, Ramya.S
4	Wireless multisensory based on environment airflow control system	Sahana.S.D, Harshitha..D, Swapna.R
5	Bio-Waste	Ramkrishna, Premkumar and Srinivas
6	Density based traffic control	Hruthvik, Dhuvith and Pawan Kumar
7	Role of Instrumentation	Tejas, Deepak and Puneeth
8	Robot and its component	Manoj.S and Balaji.T.R
9	Parameter access control	Yashwanth, Jeevan kumar.N, and Shashank
10	Nano Technology	Jayanth and Jaikiran
11	Machine Vision Based object Sorting	Madhu and Rohan
12	Automatic Vehicle over speed controlling system	Mustafa and Chethan



The students selected for Best Seminar presentations were presented with Rose plants. These plants were planted in campus of **Electronic Instrumentation and control department**



**ISTE Students Chapter has conducted Students seminar competition on 23-09-2019 for Fifth Sem students of Electronics and communication Department. 14 students participated in the seminar and presented various topics.**

SI no	Title of the Seminar Topics	Students
1	Footstep Power generation using piezoelectric	Vaishnavi .R.Vedavyas and Varsha.L
2	Gravitational Waves&UGO DAetector	Gopinath
3	Mixed Reality, Virtual Reality and Augmented Reality	Umm-Ea-Asifiya
4	Space based Solar Power Satellites	HemanthKumar.H.A
5	Neurolink(BCI)	Dayana.K
6	Zigbee Wireless Meh Network	Bhoomika.M, Latha.K.C
7	In band full duplexer	Hareesh Kumar.M
8	Agricultural Robot	Bhavanashree, Rakshitha.L
9	Product life cycle	Brunda and Deepika
10	Internet of things	Pooja.G&Kavya.M





ISTE Students Chapter has conducted Students seminar competition on 26-09-2019 for fifth sem students of Mechanical Department. 7 students participated in the seminar and presented various topics.

Sl no	Title of the Seminar Topics	Students
1	Artificial Intelligence	Srinivass.S
2	SONAR Technology	Vishwanath.C
3	SOPHIA Robot	Shivashankar.H
4	Robotics	Anirudh.A.Bhat
5	Tidal Power Plant	Avinash.B.S
6	Flexible Manufacturing System	Praveen Kumar.V
7	J.I.T. Manufacture	Prashanth Raj.S



## INNOVATION CLUB

Students attended Vignan samagam lecture programme conducted by Visveswaraya Technological Museum and also visited Technical Exhibition on 05-09-2019. Scientists delivered talk on Astrophysics



## ISTE STUDENTS CHAPTER

### Technical Talk

Technical Talk on “Total Quality Management” was arranged for 5<sup>th</sup> Sem students of Mechanical and Electronic Instrumentation and control on 07-09-2019. Sri Rangarajan, Senior Project Manager-Quality, from Mphasis has delivered a talk.



## Personality Development Programme

Sri.M.R.Manjunath, Selection Grade Lecturer, Department of Civil Engineering arranged Personality Development Programme for Final Year Diploma Students of all branches from 19-09-2019 to 21-09-2019. Sri.Gopinath from Arena Multimedia Pvt.Ltd. Addressed the Students on this event.



## YOUTH RED CROSS WING

National Nutrition week was organized for staff and students by college Youth Red Cross wing in association with VHD Institute of Home Science on 4<sup>th</sup> September 2019.



## YOUTH RED CROSS WING

YRC Volunteers and programme officer Lakshminarayana reddy participated in Laksha Lakshya event of 34<sup>th</sup> Eye donation fortnight organized by Narayana Netralaya Foundation on 7<sup>th</sup> September 2019. Justice Sri.D.H.Waghela former Chief Justice of India was chief guest. Sri.T.D.Joseph and Lt Gen MKS Yadav were Guests of Honour in this event.



“Minutes matters in an emergency”-First Aid awareness programme organized on 21-09-2019 from 1:30 pm to 5:00pm at Malleswaram Ladies Association Academy of Higher Learning in which Sri.Lakshmi narayana Reddy – Programme Officer-YRC and 12 Volunteers from Mechanical Dept., Civil Dept. and Electrical and Electronics Dept. were participated. Also seen MLA Academy of Higher Learning YRC Programme Officer Smt.Ashwini and Volunteers.



## PERSONALITY DEVELOPMENT PROGRAMMES

Sri.M.R.Manjunath, Selection Grade Lecturer, Mechanical Department arranged Personality Development programme on Interview Skills on 06-09-2019 for Final year students of Mechanical Engineering and Electronic Instrumentation and control. And on 14-09-2019 for Civil Engg. And Computer science Engg. Sri.Rajendra Kulkarni, Founder Director, Xplore Consultancy Services



# TEACHERS DAY CELEBRATIONS

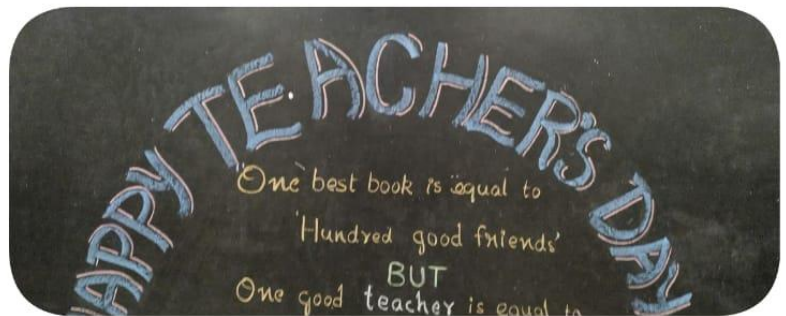
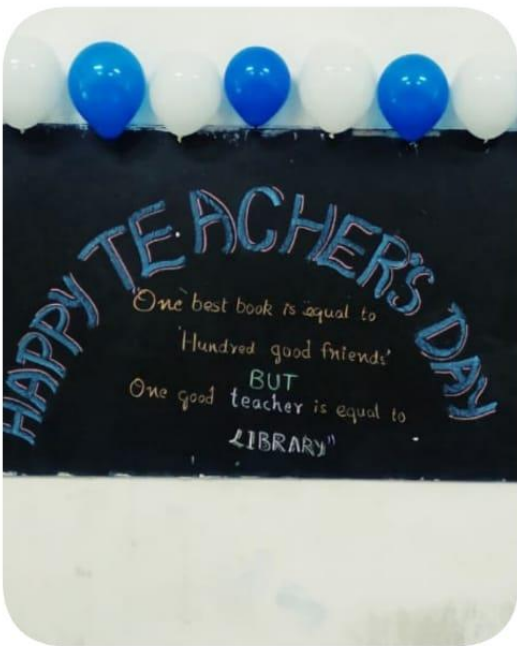
## Civil Department



## Mechanical Department



## ELECTRONICS AND COMMUNICATION DEPARTMENT





# ACTIVITIES OF MEI EVENING POLYTECHNIC

Engineers Day was celebrated on 16-09-2019

Teachers Day was celebrated on 05-09-2019



## ISTE FACULTY CHAPTER

NBA-Workshop on Preparation of self-assessment report was conducted under ISTE Faculty Chapter on 12<sup>th</sup> and 13<sup>th</sup> September 2019. Sri.B.R.Vinod.Assistant professor,Dept. of Civil Engineering, B.M.S.Institute of Technology and Management, guided the staff members on Preparation of self-assessment reports, Importance of Accreditation in Diploma Institutions and Outcome based education system in Accreditation.



# SPORTS ACTIVITY



Throwball semifinal Matches was held on 18-09-2019. Electronics and Communication department team and Electrical and Electronics department teams entered Finals.



## SPORTS ACTIVITY



Volleyball semifinal Matches was held on 19-09-2019. Electronic Instrumentation and control Engg. department team and Mechanical Engg. teams entered Finals.



Throwball final match for girls was held between Electronics and Communication department team and Electrical and Electronics department teams on 21-09-2019. Electronics and communication department team was runner up and Electrical and Electronics department team were winners in this event.



Volleyball final match for boys was held between Electronic Instrumentation and control Engg. department team and Mechanical Engg department team on 21-09-2019. Mechanical department team was runner up and Electronic Instrumentation and control department team were winners in this event



## DTE STUDIO ONLINE INTERACTIVE CLASSES

On line Interactive classes on Data Base Management (DBMS) was held for 3<sup>rd</sup> Semester Computer science students on 13-09-2019. Sri Girish Dombar Lecturer, Electronics and Communication department and Smt.Usha Rani, Selection Grade Lectutrer, Department of Computer science co-ordinated the event.



## II INTERNAL ASSESMENT TEST

2<sup>nd</sup> Practical internal test was conducted during last week of September 2019 and 2<sup>nd</sup> theory Internal Assessment test for all the branches was conducted on 12<sup>th</sup> and 13<sup>th</sup> September 2019.



## RUN FOR VRUSHABHAVATHI RIVER

Dr.H.Chandrashekar Selection Grade Lecturer, Dept of Civil Engg.was invited to deliver a talk on Integrated Catchment management approach for management of Vrushabhavathi Catchment during an event “**RUN FOR VRUSHABHAVATHI**” on 22-09-2019.



# ENGINEER'S DAY CELEBRATION

Engineer's day was celebrated on 16-09-2019 in the polytechnic, Sri.Chandrakumar, Allumni, and vice president, , Bangalore, and Sri.Mahesh.S,Allumni and Scientist, Indian Space Research Organisation was chief guest in this event. Chairman Governing Council felicitated Sri.Chandrakumar and Honerary secretary, MTES felicitated Sri.Mahesh.S on this occasion. The event was started with welcoming Speech by Principal. The students of the polytechnic gave speech on Sir.M.Visveswaraya. The programme was concluded by vote of thanks by Sri. K.S.Raghuraman, HOD, department of Electronic Instrumentation and control. The programme was co-ordinated by **Cultural team** and **ISTE Chapter of the polytechnic.**



# ENGINEER'S DAY CELEBRATION



Samsung Triple Camera  
SHOT ON MY GALAXY A70



Samsung Triple Camera  
SHOT ON MY GALAXY A70



Samsung Triple Camera  
SHOT ON MY GALAXY A70



Samsung Triple Camera  
SHOT ON MY GALAXY A70



Samsung Triple Camera  
SHOT ON MY GALAXY A70



Samsung Triple Camera  
SHOT ON MY GALAXY A70



Samsung Triple Camera  
SHOT ON MY GALAXY A70





**STUDENTS OF 2018-2019  
BATCH PERSUING**

**HIGHER EDUCATION**

**CIVIL DEPARTMENT**

**Mr.Sathish.B.N** of Department of Civil Engineering, has secured state overall **11<sup>th</sup> Rank** in Diploma Common Entrance Examination held during July 2019 conducted by Karnataka Examination Authority, Govt. of Karnataka. Presently perusing B.E in Civil Engineering in B.M.S.College of Engineering, Bangalore.

*Following are the List of students of Civil Engineering 2018-2019 batch joined Engineering Courses*

Sl. No	Name of the student	College Joined
1	Sathish.B.N	B.M.S College of Engineering
2.	Soumya.V	B.M.S Institute of technology
3	Hemanth Kumar.H.P	Ramaiah Institute of Technology
4	Raghuram.U.B	University Visveswaraya college of Engineering
5	Karthik.B	Bangalore Institute of Technology
6	Rakshitha.K.V	Dayanandasagar Acadamy
7	Sadeeq.D	Dayananda Sagar College of Eng.
8	Chethan.R	Dayananda Sagar College of Eng.
9	Abhishek.A.S	Dayananda Sagar College of Eng.
10	Chethan.D.R	J.S.S.Institute of Technology
11	Abhishek.B	R.N.S. Institute of technology
12	Chandan.D,M	R.N.S. Institute of technology
13	Mamatha.G	S.J.B. Institute of technology
14	Srikanth	S.J.B. Institute of technology
15	Nagarathna.K	S.J.B. Institute of technology
16	Muskan.S	S.J.B. Institute of technology
17	Nagakumar.R	S.J.B.School of Architecture and planning
18	Raghavendra.A	Rajarajewari College of Engineering
19	Akilesh.B.J	Rajarajewari College of Engineering
20	Nikitha	Rajarajewari College of Engineering
21	Nishanth.N	Don Bosco Institute of Technology
22	Mahesh	S.K.S.J.Technology.
23	Pramod.N.S	Reva Institute of Technology

**MECHANICAL DEPARTMENT**

*Following are the List of students of Mechanical Department 2018-2019 batch joined Engineering Courses*

Sl. No	Name of the student	College Joined
1	Girish.K	Bangalore Institute of Technology
2	Varun.C	Bangalore Institute of Technology
3	Vinay.V	Bangalore Institute of Technology
4	Lakanna.D.S	R.N.S. Institute of Technology
5	Dhanush.I	R.N.S. Institute of Technology
6	PavanKumar.N.M	R.N.S. Institute of Technology
4	Praveen.C	Sapthagiri Instite of Technology
5	Pavan Gowda.V.C	Dayananda Sagar College of Eng.
6	Kumarswamy.M.D	Dr. Ambedkar Institute of Techn.
8	Charan.C	Dr. Ambedkar Institute of Techn.
7	Shashank.R.P	East west Institute of Technology
12	Bharath Kumar S.I	Sapthagiri Instite of Technology

**ELECTRONIC INSTRUMENTATION  
AND CONTROL**

*Following are the List of students of Electronic Instrumentation and Control 2018-2019 batch joined Engineering Courses*

Sl. No	Name of the student	College Joined
1	Fathima Tabassum	R.V.College of Enggineering
2	Sanjay.N	B.M.S.College of Engineering
3	Bhumika.R	B.M.S.College of Engineering
4	Sanjay.N	B.M.S.College of Engineering
5	Sontosh.S	Ramaiah Institute of Technology
6	Akshaya.V.	Bangalore Institute of Technology
7	Kishore.G	Bangalore Institute of Technology
8	Chandan.A.T	Dayananda Sagar College of Engg.
9	Karthik.S	Dayananda Sagar College of Engg.
10	Dhanush.S	Dayananda Sagar College of Engg.
11	Abhishek.R	Dayananda Sagar College of Engg.
12	Yashwanth.B.V	R.N.S.Institute of Technology
13	Bharath.A.R	Dr. Ambedkar Institute of Techn.
14	Rakesh.M	Nitte Meenakshi Institute of Tech.
15	Mithun.D	Don Bosco Institute of Technology

**COMPUTER SCIENCE  
ENGINEERING DEPARTMENT**

*Following are the List of students of Computer Science Engineering 2018-2019 batch joined Engineering Courses*

Sl. No	Name of the student	College Joined
1	Sharath.S.Hebbar	University Visveswaraya college of Engineering
2	Suresh.S.Hosamani	R.V.College of Enggineering
3	Swathhi.V	B.M.S.College of Engineering
4	Sanjana.P.Raju	University Visveswaraya college of Engineering
5	Geetha Priya.D	P.E.S.Institute of technology
6	Ranganath.S	Ramaiah Institute of Technology
7	Chandana.M	Ramaiah Institute of Technology
8	Ganesha.N.Hotti	Ramaiah Institute of Technology
9	Ekantaishwarya.S	Ramaiah Institute of Technology
10	Chethan.M	Ramaiah Institute of Technology
11	Jyothi.L	J.S.S. Institute of Technology
12	Sujay.K.S	J.S.S. Institute of Technology
13	Manoj.R.G	University Visveswaraya college of Engineering
14	Chirag.S	B.M.S. Institute of Technology
15	Shreyas.M	Dr.A. Institute of Technology
16	Adarsh	Nitte Meenakshi. Institute of Technology
17	Bhavana	Bangalore Institute of Technology
18	Chandana.N.R	Vivekananda. Institute of Technology
19	Jyothika.R	B.N.M. Institute of Technology
20	Priyanka.R	East west College of Engg.
21	Nalini.D	East west College of Engg.
22	Sushmitha.N.J	R.N.S Institute of Technology
23	Abhishek.K.N	Sambhram Institiute of Tech.
24	Vinay.R	Atria Institute of Tech.
25	Varun Salake	B. Institute of Technology
26	Nirmala	Presidency University
27	Tejaswini	East West Institute of Tech.

**ELECTRICAL AND ELECTRONICS  
DEPARTMENT**

*Following are the List of students of Electrical and Electronics Department 2018-2019 batch joined Engineering Courses*

Sl. No	Name of the student	College Joined
1	C.Adarsh	R.V.College of Engineering
2	Bharath.K	University Visveswaraya college of Engineering
3	Kusuma.K.Y	B.M.S.Institute of Technology
4	Manoj Kumar.K	Bangalore Institute of Technology
5	Priyanka	Dayananda Sagar College of Eng.
6	Chethan.C	R.N.S. Institute of technology
7	Dhanush.G.V	S.J.B. Institute of technology
8	Jayapradha.K.N	S.J.B. Institute of technology
9	Kharthik.S	S.J.B. Institute of technology
10	Yogesh.D	S.J.B. Institute of technology
11	Bharath.R	S.J.B. Institute of technology
12	Dharshan.T	Sapthagiri College of Engineering
13	Dhanraj.V	East West Institute of Technology
14	Yashodha.R	East West Institute of Technology
15	Jeevananda.M	East West Institute of Technology
16	Surabhi.M.K	B.N.M. Institute of Tech.

## ELECTRONICS AND COMMUNICATION DEPARTMENT

*Following are the List of students of Electronics  
and communication Engineering 2018-2019  
batch joined Engineering Courses.*

**Mr.Arvind Karthik** has secured state overall **27<sup>th</sup> Rank**, **SantoshKumar.M.N** has secured **31<sup>st</sup> Rank** and **Mr.Avinash Gowda** has secured **83<sup>rd</sup> Rank** in Diploma Common Entrance Examination held during July 2019 conducted by Karnataka Examination Authority, Govt. of Karnataka.

Sl. No	Name of the student	College Joined
01	Arvind Karthik.V	R.V.College of Engg.
02	Mallika Gowda.L	R.V.College of Engg.
03	Sharath Raj.B	R.V.College of Engg.
04	Avinash Gowda.H.G	B.M.S.College of Engg.
05	Madhu.K.H	Ramaiah Institute of Tech.
06	Nagaveni.R	B.M.S.Institute of Tech.
07	Harsha.M	Bangalore Institute of Tech.
08	Kiran Kumar.J	Ramaiah University
09	Nithin.N	Ramaiah University
10	Balaji.K.G	Dayananda Sagar College Of Engineering
11	Dharshan.R	Dayananda Sagar College Of Engineering
12	Kushal.R	Dayananda Sagar College Of Engineering
13	Abdur Razaqh Khatib	R.N.S.Institute of Tech.
14	Santosh Kumar.M.N	R.N.S.Institute of Tech.
15	Tejas.K	R.N.S.Institute of Tech.
16	Vaibhav.E	R.N.S.Institute of Tech.
17	Anzita.S.Raj	Dr.Ambedkar Inst. of Tech.
18	Radhika.R	Dr.Ambedkar Inst. of Tech.
19	Arvind Lochan.P	B.N.M Institute of Tech.
20	Chethan.R	J.S.S. College of Engg.
21	Harshavardhan.K.V	Sapthagiri College of Engg.
22	Prarthana.S	Reva University

## PLACEMENT CELL

Sri.Y.M.Ravindranath Placement officer and Selection grade Lecturer, Department of Electronics and Communication Department had arranged a training Programme on “Career and Personality Grooming” by RIPE Consulting Services Pvt. Ltd., and Gillette India Limited, Chennai on 18-09-2019 for the final year students.



**STUDENTS OF 2018-2019  
BATCH WORKING IN  
VARIOUS ORGANISATIONS**

**CIVIL DEPARTMENT**

Sl.No	Name of the student
1	Abhishek.R
2.	Bhaban Raj.Bhat.T
3	Chandan.P
4	Chitty.K.R
5	Noor Fathima.M
6	Dhanush.B
7	Karthik.B.R
8	Leela Krishna
9	Rakshitha.K.V
10	Niranjan.K
11	Tejaswini.M
12	Poojitha.M.S
13	Rohith Rao
14	Anu.KH
15	Sreedhar.V
16	Srushrutha
17	Swetha.K
18	Sneha.D.P
19	Vaishnavi.B.Y
20	Vanitha.A.J
21	Varun Raj.N
22	Yamuna.V
23	Nanda Kumar.C
24	Rohith.B.C
25	Sushma.R

**COMPUTER SCIENCE**

Sl. No	Name of the student	Working in Industry/Company
1	Divyashree.M	NCBS
2.	Shashank.G	NCBS
3	Sunitha.A.P	Yellow Express
4	Dilip Kumar.R.S	11 H.R
5	Bindushree	Computer Trainer
6	Spoorthi.S.Nadiger	Yamaha
7	Lokesh	Orleio
8	Gurunath	Aegis

**ELECTRONICS AND  
COMMUNICATION**

Sl. No	Name of the student	Working in Industry/Company
1	Chandana.M	Bharath Electronics Limited
2.	Chandrakala.S	Bharath Electronics Limited
3	Megha.G	Bharath Electronics Limited
4	Mouna.R.P	Bharath Electronics Limited
5	Prajwal.V	Bharath Electronics Limited
6	Ramya.S	Bharath Electronics Limited
7	Faizal Khan	Concepts and Devices
8	Syed Shahid Medhi	Concepts and Devices
9	Uday Kumar.V	Concepts and Devices
10	Nithin Kumar.R	Cypress Semiconductor Devices
11	Geetha.M	Corel Technologies
12	Gokul Raj.B	Corel Technologies
13	Ranjini.R	Corel Technologies
14	Ragavendra.S.R	M.P.L.Ltd.
15	Rajini.R	Cookline Industries
16	Shreyas K.C	Vinayaka Computers
17	Naveen Kumar.M	Prime Digitronics
18	Rohith.A	Self Employed

**ELECTRICAL AND  
ELECTRONICS**

Sl. No	Name of the student	Working in Industry/Company
1	Adarsha.G.R	Integral Labs Pvt.Ltd.
2	Bharath.V	Integral Labs Pvt.Ltd
3.	Balaji.R	Integrated Motor Company
4	Bharath.B.R	BESCOM Control Centre
5	Chandana.R	NCBS
6	Desishree.R	BHEL
8	Meghana.P	BHEL
9	Dhanush Chandra.I.S	Bharath Electronics Limited
10	Geetha.S	Bharath Electronics Limited
11	Mantesh.C	Bharath Electronics Limited
12	Nandan Kumar.D.T	Bharath Electronics Limited
13	Mahesh.P	ROSSELL Techsys
14	Manoj.G.J	ACT Fibre Network
15	Poornima.N.R	Geethanjali Institute
16	Prajwal.Y	Kirloskar
17	Rani	e-Solutions Pvt.Ltd
18	Rashmi.A.M	Action Manufactureres of Flight Wires
19	Sagar.A.C	K.K.Wind Solutions India Pvt.Ltd.

## ELECTRONIC INSTRUMENTATION AND CONTROL

Sl. No	Name of the student	Working in Industry/Company
1	Niveditha.D.G	B.M.T.C
2	Chandan Kumar.B.S	Primtech
3	Goutham.P.R	Primtech
4	Karthik.K	National Informatics Centre

## MECHANICAL DEPARTMENT

Sl. No	Name of the student	Working in Industry/Company
1	Surendra.S.G	National Centre for Biological sciences
2.	Varun.D	Wipro Infrastructure and Defence
3	Kavya.V	Wipro Infrastructure and Defence
4	Chandrashekar.C.H	Kirloskar Electrical Co.Ltd.
5	Manoj.R	Kirloskar Electrical Co.Ltd
6	Ramya.B	Toyota Kirloskar Motor
7	Mala.B	Bharath Electronics Limited
8	Subhas Chandra.A	San Engineering and Locomotive
9	GuruKiran.L	BCIPL
10	Deepak.N	BCIPL
11	Sagar.S	ACE Engineering
12	Dilip Kumar.S.V	Vindya –e-info media
13	Hemanth.L	HVAC
14	Tilak Raj.N	HVAC
15	Surya Prakash	HVAC
16	Manoj Kumar.G	Spring Solutions
17	Sneha Jasmine.G	Indigo.Com
18	Karthik Kumar Sahoo	ABB

## ARTICLES

### Importance of Interview

By.Sri.Rajendra Kulkarni

Director, Xplore Consultancy services

In today's competitive world, it is important than ever to have strong interviewing skills. The most common reason for this is that college graduation rates are increasing and you will be leaving institution with more competition. If you fail at your interview or to make good impression it could cost you an opportunity. I think you take the advantage of putting yourself in career research and development courses starting from first semester. One should learn how to write a resume and interview before you were even old enough to work. You should start doing mock interviews (Videotaped) when you are in the final year. The experience will help you greatly over a period of time, especially during the time of corporate interview process. It's never too early to develop your interviewing skills and one way is by getting trained up for mock interviews through professional trainers. A part from mock interviews, a candidate should get trained on other skills like communicative skills, aptitude skills and group discussions.

A well groomed candidate will have better chance to freeze a job than an untrained candidate.

### Total Quality Management (TQM)

By.Sri Rangarajan

Senior Project Manager-Quality, Mphasis

Total Quality Management (TQM) is a company wide philosophy that focuses on customer satisfaction. Every business improvement, quality improvement, or continuous improvement process is part of TQM Methodology. When you are a TQM organization, you breathe TQM. TQM is inherent to all management decisions. A TQM company understands their customers and needs. A TQM company works with their vendors and teaches them TQM tools. A TQM company constantly trains their employees and helps them improve their lives. A TQM company thinks long term. Short term profits are not the immediate concern. Customer satisfaction is the focus. Customers included both external, internal, stake holders and share holders.

Remember, one happy and satisfied customer brings ten new customers along with him whereas one disappointed individual will spread bad word of mouth and spoil several of your existing as well as potential customers. You need to give something extra to your customers to expect loyalty in return. Quality can be measured in terms of durability, reliability, usage and so on. Total quality management is a structured effort by employees to continuously improve the

quality of their products and services through proper feedbacks and research. Ensuring superior quality of a product or service is not the responsibility of a single member.

Every individual who receives his/her paycheck from the organization has to contribute equally to design foolproof processes and systems which would eventually ensure superior quality of products and services. Total Quality management is indeed a joint effort of management, staff members, workforce, suppliers in order to meet and exceed customer satisfaction level. You can't just blame one person for not adhering to quality measures. The responsibility lies on the shoulder of everyone who is even remotely associated with the organization.

### Green Concrete

By.Dr.H.Chandrashekar

Selection Grade Lecturer, Civil Department

Concrete which is made from concrete wastes that are eco-friendly are called as "Green concrete". Green Concrete is a term given to a concrete that has had extra steps taken in the mix design and placement to insure a sustainable structure and a long life cycle with a low maintenance surface. e.g. Energy saving, CO2 emissions, waste water. Today the word green is not just limited to colour, it represents the environment, which is surrounding us. "Green concrete" is a revolutionary topic in the history of concrete industry. This was first invented in Denmark in the year 1998 .Concrete wastes like slag, power plant wastes, recycled concrete, mining and quarrying wastes, waste glass, incinerator residue, red mud, burnt clay, sawdust, combustor ash and foundry sand.

#### Advantages of Green Concrete

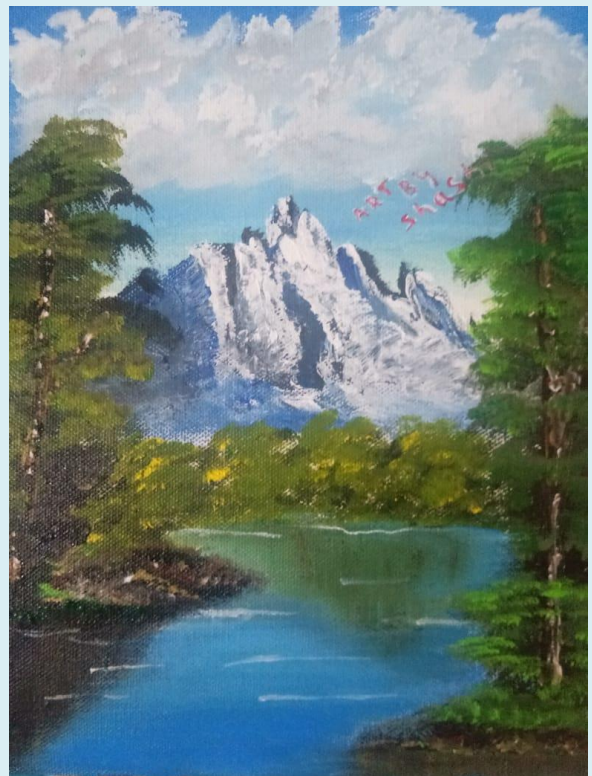
1. Reduction of the concrete industry's CO2-emmission by 30 %.
2. Increased concrete industry's use of waste products by 20%.
3. NO environmental pollution and sustainable development.
4. Green concrete requires less maintenance and repairs.
5. Green concrete having better workability than conventional concrete.
6. Good thermal resistant and fire resistant.
7. Compressive strength behavior of concrete with water cement ratio is similar to conventional concrete.
8. Flexural strength of green concrete is almost equal to that of conventional concrete.

### Limitations of Green Concrete

1. By using stainless steel, cost of reinforcement increases.
2. Structures constructed with green concrete have comparatively less life than structures with conventional concrete.
3. Split tension of green concrete is less than that of conventional concrete.

### Nano cellulose based water purification system

Nanocellulose based renewable material has a combination of high surface area with high material strength. It is chemically inert and possesses versatile hydrophilic surface chemistry. These properties make them a most promising nanomaterial for usage membrane and filter in water purification system to remove bacterial and chemical contaminants from polluted water. It is noted that nanocellulose material has high potential in water purification technology. A different type of nanocellulose materials available for water purification system includes Cellulose nanocrystals (CNC) and Cellulose nanofibrils (CNF). These are the rod-like nanomaterials whose size ranges from 100 to 2000&nbsp;nm with the diameter of 2 to 20&nbsp;nm. Those length and diameter are mostly based on origin and preparation route for the synthesis of nanocellulose. Those nanocellulose materials are used to remove organic pollutants in water such as dyes, oils and pesticides traces present in water. Currently, fully biobased membrane using nanocellulose are fabricated which is used to remove metal ions such as  $\text{Cu}^{2+}$ ,  $\text{Fe}^{2+}$  etc, sulfates, fluorides and other organic compounds. This bio-based nanocellulose filter has more advantage to conventional filters. Nanocellulose is prepared by various methods such as sulphuric acid hydrolysis and mechanical grinding method. Water purification system is mainly based on the principle of Absorption chemistry absorption. For the absorption of anionic metal species, the nanocellulose materials are functionalized with a positive charged cationic group. Similarly, for the absorption of cationic metal species, the nanocellulose material is functionalized with the negatively charged anionic group. Nanocellulose based materials have limitation in cost for large-scale production and its specificity. Presently synthesized hybrid nanocellulose material in combination with several other nanomaterials is used for the improvement of adsorption capacity.



Paintings by

Sri.Shashikanth Kagananawar,

Head of the Computer science Department



# AICTE ONE STUDENT ONE TREE PROGRAMME

## CIVIL DEPARTMENT

TREE PLANTATION Programme was organized in department of Civil Engineering from 20-09-2019 to 23-09-2019. The Chairman Governing Council, Management committee members, Principal, Head of the Department, Staff members and Students planted trees and plants in the premises of Civil Engineering Department.



## DIDAC INDIA 2019 CONFERENCE

Sri.M.T.Narasimhan President, Governing Council ,  
Sri.T.Narayanaswamy, Honorary Secretary MTES,  
Sri.C.Chandrashekar Principal, Sri. Raghuraman  
H.O.D Electronic Instrumentation and control and  
B.A.Srinivas, Selection Grade Lecturer, Mechanical  
Department attended DIDAC INDIA 2019  
Conference on 24-09-2019 conducted by India  
Didactics Association, New Delhi at Bangalore  
International Exhibition Centre(BIEC), Bangalore.



# INDUSTRIAL VISIT

Industrial visit was arranged for Civil Engineering Students on 24<sup>th</sup> September 2019.

41 Students of 5<sup>th</sup> Semester Civil Engineering visited Markondahalli Dam at Nagamangala to study Structural and hydraulic details of the Dam. They also visited Karnataka Engineering Research Station at Mandya and Visited various laboratories. They visited Hydraulics Division and costal Engineering Division and studied various Dam Models at KRS Dam. The students were accompanied by Sri.H.S.Vishwanath ,SGL Civil Engg Dept. Dr.H.Chnadrashekar, SGL Civil Engg Dept. and V.Chandrashekar.



## NSS ACTIVITY

### De-Worming day

De-Worming day was celebrated on 25-09-2019. Albendazole tablets were distributed to students of the polytechnic.



## Electrol Literacy Club

Electrol Literacy Club was opened on 20-09-2019.



## NSS ACTIVITY

Tree plantation programme was conducted at Campaus of Mechanical Department and Electronic Instrumentation and Control Engg Dept. on 23-09-2019.

