

List of Events for the year 2019-20

Sl no	Date	Event	Topic	Resource person
1	8 th August 2019	Industrial Visit to BHORUKHA POWER CORPORATION LTD.		
2	16 th October 2019	Industrial Visit to LAMINA FOUNDRIES		
3	2 nd and 3 rd November, 2019.	WORKSHOPS	IOT APPLIED TO SUSTAINABLE TECHNOLOGIES	Mr. Shreyas K and Mr. Adithya, FluxGen Technologies Pvt. Ltd, Bengaluru
4	11th and 12th October 2019	WORKSHOPS	AUTO-VAULT	Mr. Girish Babu, Founder and CEO GUTS Mechademy, Bangalore and Mr Harish M Shenoy, Designer, Shenoy Engineering Pvt. Ltd, Bangalore
5	3 rd and 4 th of October 2019.	WORKSHOPS	MATLAB BASED MECHANICAL ENGINEERING APPLICATIONS	M M Nadakatti, Professor, Department of Mechanical Engineering, KL's GIT, Belgaum
6	15 th and 16 th of November 2019	WORKSHOPS	INNOVATION BOOT CAMP BASED ON IOT	In Association with Skyfi Education Labs Pvt. Ltd., Bangalore.
7	12th November 2019	CAREER GUIDANCE	CURRENT MARKET SCENARIO OF FRESHER'S IN INDUSTRIES & CAREER GUIDANCE	Mr. Thungaraju G D, Founder, People Mechanics
8	26 th October 2019	CAREER GUIDANCE	INDUSTRY EXPECTATIONS FROM MECHANICAL ENGINEERING GRADUATES	Mr. Santhosh Rao, General Manager, Toyota Industries Engine India Private Limited
9	1 st October 2019.	CAREER GUIDANCE	SOCIETAL & ENVIRONMENTAL	Mr. Junaid Fiaz,

			CONTEXT & ETHICS OF ENGINEERING PRACTICES	
10	23 rd September 2019.	CAREER GUIDANCE	OPPORTUNITIES THROUGH GATE EXAM	Mr. Ananth Pai Member of Academy in Pursuit of engineering excellence (APEX)
11	20 th September 2019	CAREER GUIDANCE	CAREER OPPORTUNITIES FOR MECHANICAL ENGINEERING GRADUATES	Dr. Rajivkumar Mistry, Deputy General Manager, UPCL
12	20 th August 2019	CAREER GUIDANCE	MANAGEMENT OF PROJECT IN MULTIDISCIPLINARY ENVIRONMENT	Mr. Vishal Vijay Kumar, Planning Engineer, Descon-ADNOC, Abudhabi.
13	8 th July 2020	TECHNICAL TALKS	Application of Artificial Intelligence to Mechanical Engineering and its allied Engineering streams problems	Dr. Jay Bharatheesh Simha, Chief Technical Officer/Director (Analytics) – Abiba Systems, Bangalore, India, and Chief Mentor – Reva Academy for Corporate Excellence (Race), Reva University, Bangalore
14	25 th June 2020	TECHNICAL TALKS	Semiconductors and their Manufacturing Process and Usage in Industry- An Overview	Mr. Varun S Gupta, Documentation Engineer/Change Management Engineer Accrete High Tech Solutions, Bangalore
15	21 st February 2020.	TECHNICAL TALKS	Use of Modern Tool in Wire-Arc Additive manufacturing	Dr. Vijeesh V, Associate Professor, Department of Mechanical Engineering, NMAMIT, Nitte
16	13 th September 2019	TECHNICAL TALKS	INDUSTRY 4.0	Mr. Santhosh M S, Senior Manager, Sales - Didactics Hydac India Private Ltd.

17	07 th August 2019.	TECHNICAL TALKS	FAILURE ANALYSIS	Dr. Sudhakar K V, Metallurgical and Materials Engineering, Montana Technological University, Butte, Montana
18	30 th & 31 st January 2020	CONFERENCE	GCASSTE-2020	
19	20 th September 2019	student association Inauguration	MECH-MITES INAUGURATION	
20	11th October 2019	SAE collegiate club Inauguration	SAE CLUB INAUGURATION	
21	22/06/2020 to 26/06/2020	Quiz	Event: e-Quiz on Strength of Materials_ A Five Quiz Series	

INDUSTRIAL VISIT

BHORUKHA POWER CORPORATION LTD.

Department of Mechanical Engineering students visited "Bhorukha Power Corporation Ltd.", Nidale, plant on 8th August 2019. The main objective behind the visit was to make student aware about how various activities related to Hydel power plant carried out in Industry and give them feel of actual experience in industrial work.



LAMINA FOUNDRIES

Students of the department visited "Lamina Foundries", Nitte, plant on 16th October 2019. The students practically experienced processes involving in casting during production of component.



WORKSHOPS

Title: IOT APPLIED TO SUSTAINABLE TECHNOLOGIES

Resource Person: Mr. Shreyas K and Mr. Adithya,

FluxGen Technologies Pvt. Ltd, Bengaluru

Date: 2nd and 3rd November, 2019.

Target Audience: 2nd year students

A Two Day workshop on “IoT Applied to Sustainable Technologies” organized by the Energy Club under Mechanical Engineering Department was held on 2nd and 3rd November, 2019. The club comprising of undergraduate engineering students is formed with the noble objective of generation, conservation and preservation of energy resources. Mr. Shreyas K and Mr. Adithya, FluxGen Technologies Pvt. Ltd, Bengaluru stressed on the need of creating awareness among students about energy conservation using advanced sustainable solutions.



Title: AUTO-VAULT

Resource Person: Mr. Girish Babu,

Founder and CEO GUTS Mechademy, Bangalore and Mr Harish M Shenoy,
Designer, Shenoy Engineering Pvt. Ltd, Bangalore

Date : 11th and 12th October 2019

Target Audience: 3rd year students

A Two day workshop on "Auto-Vault" was conducted in association with SAE Collegiate of MITE. The resource persons were Mr. Girish Babu, Founder and CEO GUTS Mechademy, Bangalore and Mr Harish M Shenoy, Designer, Shenoy Engineering Pvt. Ltd, Bangalore took sessions.



Title: MATLAB BASED MECHANICAL ENGINEERING APPLICATIONS

Resource Person: M M Nadakatti,

Professor, Department of Mechanical Engineering, KL's GIT, Belgaum

Date: 3rd and 4th of October 2019.

Target Audience: 3rd Year students

The Department of Mechanical Engineering in association with MechMites organized Two Day Workshop on "MATLAB based Mechanical Engineering Applications" for third year Mechanical Engineering students on 3rd and 4th of October 2019. Dr. M M Nadakatti, Professor, Department of Mechanical Engineering, KL's GIT, Belgaum taught on introduction, importance, applications of MATLAB. He explained step by step procedure of using MATLAB and taught students to create surface plots and matrix solve. Students experienced and build the simple applications.



Title: INNOVATION BOOT CAMP BASED ON IOT

Resource Person: In Association with Skyfi Education Labs Pvt. Ltd., Bangalore.

Date: 15th and 16th of November 2019

Target Audience: 3rd Year students

A two-day boot camp was organized by the department of Mechanical Engineering on the 15th and 16th of November 2019 to provide Hands on experience to students regarding the use and handling and benefit of IoT based applications. They were offered topics from various domains such as IoT, Automation, Embedded systems, Robotics etc. Of the topics presented the students involved chose the following: Automatic street lighting system, Smart irrigation system, Smart water monitoring, Automatic railway crossing, Solar & smart energy system and Automatic solar tracker.



CAREER GUIDANCE

Title: CURRENT MARKET SCENARIO OF FRESHER'S IN INDUSTRIES & CAREER GUIDANCE

Resource person: Mr. Thungaraju G D,
Founder, People Mechanics

Date: 12th November 2019

Target Audience: 3rd and 4th year students

Mr. Thungaraju G D, Founder, People Mechanics in his speech highlighted about fresh graduates' salary expectations is high irrespective of their knowledge and industries are expecting hard work, dedication, add on skills/flexibility from the graduates. He motivated students to become job provider instead of job seeking.



Title: INDUSTRY EXPECTATIONS FROM MECHANICAL ENGINEERING GRADUATES

Resource person: Mr. Santhosh Rao,

General Manager, Toyota Industries Engine India Private Limited

Date: 26th October 2019

Target Audience: 4th year Students

Mr. Santhosh Rao stressed the importance of goal setting in life, coming out from the comfort zone to the learning and growth zone. In his talk specified the companies expecting creative skills and expectations are increasing year by year. He gave a statistics of the job vacancies in engineering and other sectors in the present scenario.



Title: SOCIETAL & ENVIRONMENTAL CONTEXT & ETHICS OF ENGINEERING PRACTICES

Resource person: Mr. Junaid Fiaz,

Date: 1st October 2019.

Target Audience: 3rd year students

Our alumni Mr. Junaid Fiaz, (2016 batch) delivered a talk on “Societal and Environmental Context and Ethics of Engineering Practices”. He explained the importance of Societal and Environmental contexts in various Engineering Sectors and the importance of ethical practices to be followed in production based industries. He also stressed the importance of carrying mini-projects and projects throughout their engineering coursework. The talk was organized on 1st October 2019.



Title: OPPORTUNITIES THROUGH GATE EXAM

Resource person: Mr. Ananth Pai

Member of Academy in Pursuit of engineering excellence (APEX)

Date: 23rd September 2019.

Target Audience: 3rd year students

A talk was organized for the students of Mechanical Engineering on the topic "Gate Preparation" on 23rd September 2019. Mr. Ananth Pai member of Academy in Pursuit of engineering excellence (APEX), Mangalore was the resource persons. In his talk stressed scope of GATE in various area like PG in IISc/IITs/NIT's, public sectors, junior research fellows in CSIR, IES exam and employment in private companies and the method of preparation to face exam.



Title: CAREER OPPORTUNITIES FOR MECHANICAL ENGINEERING GRADUATES

Resource person: Dr. Rajivkumar Mistry,

Deputy General Manager, UPCL

Date: 20th September 2019

Target Audience: 4th Year students

Dr. Rajivkumar in his talk he highlighted few key factors what industry expecting from the Engineers and also specified the kinds of additional knowledge/courses creates more job opportunities. He gave guidance and time management to preparation for competitive exams along with curricular study.



Title: MANAGEMENT OF PROJECT IN MULTIDISCIPLINARY ENVIRONMENT

Resource person: Mr. Vishal Vijay Kumar,
Planning Engineer, Descon-ADNOC, Abudhabi.

Date: 20th August 2019

Target Audience: 3rd year students

A carrier guidance program was conducted on 20th August 2019 by our proud alumni Mr. Vishal Vijay Kumar delivered a talk on Management of Project in Multidisciplinary Environment. He explained the importance of Project management subject in handling the real time projects and also carrier scope in industries for project managers. He urged the students to take up their academic project work in the right direction by applying the project management principles.



TECHNICAL TALKS

Title: Application of Artificial Intelligence to Mechanical Engineering and its allied Engineering streams problems

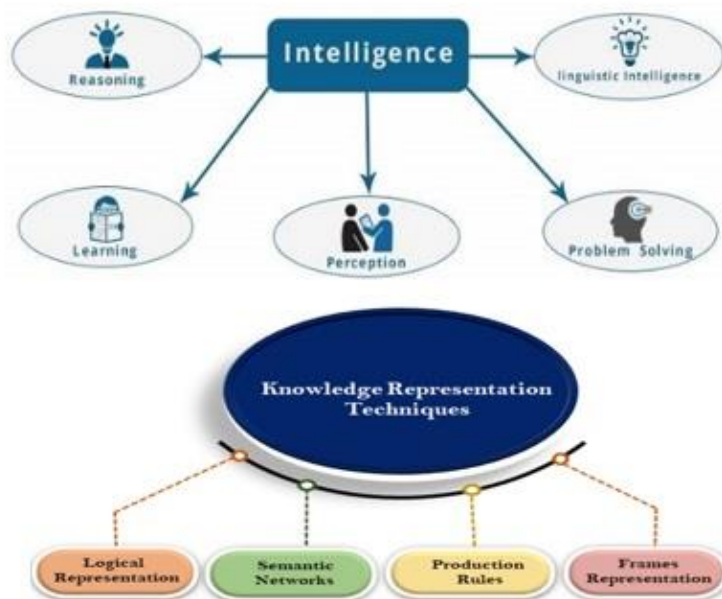
Resource person: Dr. Jay Bharatheesh Simha,

Chief Technical Officer/Director (Analytics) – Abiba Systems, Bangalore, India, and Chief Mentor – Reva Academy for Corporate Excellence (Race), Reva University, Bangalore.

Date: 8th July 2020

Target Audience: 2nd, 3rd and 4th year students

Dr. Jay Bharatheesh Simha, delivery a talk on "Application of Artificial Intelligence to Mechanical Engineering and its allied Engineering streams problems" was organized for the Industry/Technical Institutions/Research scholars/Engineering Students on 8th July 2020. He spoke on the industrial revolution, intelligence, artificial intelligence, neural learning, deep learning, and AI in the industry.



Title: Semiconductors and their Manufacturing Process and Usage in Industry- An Overview

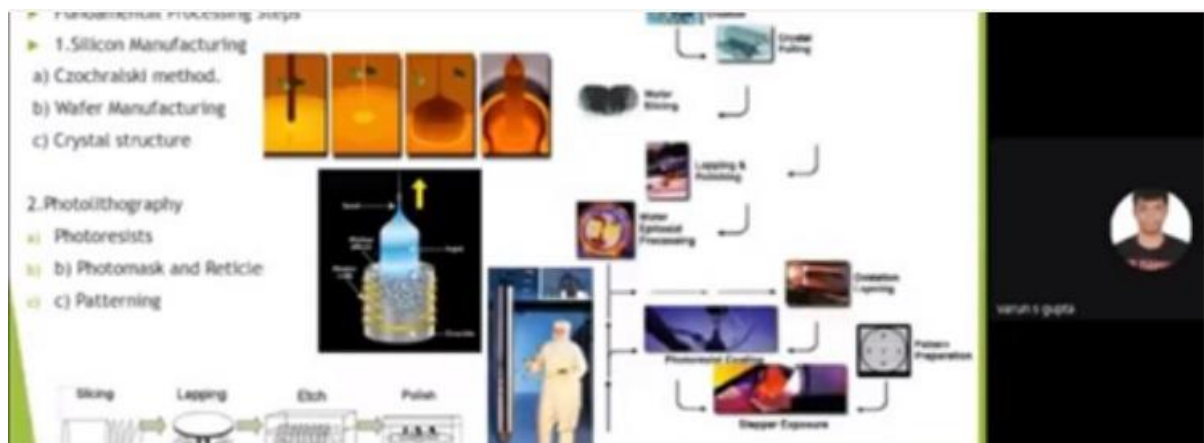
Resource person: Mr. Varun S Gupta,

Documentation Engineer/Change Management Engineer Accrete High Tech Solutions, Bangalore

Date: 25th June 2020

Target Audience: 4th year Mechanical Students

Department of Mechanical Engineering was organized a webinar on Semiconductors and their Manufacturing Process and Usage in Industry- an Overview for the Engineering students, Faculties and Research community on 25th June 2020. Mr. Varun S Gupta, Documentation Engineer/Change Management Engineer, Accrete High Tech Solutions, Bangalore, was the resource person.



Title: Use of Modern Tool in Wire-Arc Additive manufacturing

Resource person: Dr. Vijeesh V,

Associate Professor, Department of Mechanical Engineering, NMAMIT, Nitte

Date: 21st February 2020.

Target Audience: 4th Year Mechanical students

Dr. Vijeesh V started with the evaluation of WAAM by taking boat propeller manufacturing as an example and he delivered related to Additive Manufacturing course. Department faculties and students witness the session and enriched their knowledge in the field of recent advancement of additive manufacturing and Wire arc Additive manufacturing. His talk also involved Virtual welding, Automated WAAM, Different Arc, Welding techniques, Defects in welded zone



Title: INDUSTRY 4.0

Resource person: Mr. Santhosh M S,
Senior Manager, Sales - Didactics Hydac India Private Ltd.

Date: 13th September 2019

Target Audience: 3rd Year students

Mr. Santhosh M S addressed the role of hydraulics and pneumatics in automation. Also he stressed on the revolution of industry from Mechanization, Electrification, and Digitalization to connection. Also he pointed about virtual and augmented reality for the rapid development of the connection of the people and things.



Title: FAILURE ANALYSIS

Resource person: Dr. Sudhakar K V,

Metallurgical and Materials Engineering, Montana Technological University,
Butte, Montana

Date: 07th August 2019.

Target Audience: 3rd year students.

A technical talk on “Failure Analysis” organized for the department students on 07th August 2019. Dr. Sudhakar K V explained about the importance of failure investigation of material as well as structure. He enriched knowledge of students in the area of failure initiation to the fracture. He also decorated new failure analysis techniques using in the research and development of materials and systems.



GCASSTE-2020

A two-day Global Conference on "Advanced Smart and Sustainable Technologies in Engineering (GCASSTE 2020)" was organized by Department of Mechanical Engineering on 30th & 31st January 2020. GCASSTE 2020 was jointly patronized by MITE, Moodbidri and AICTE, New Delhi. The conference was inaugurated by Chief Guest Dr. Prahlad V, National University of Singapore (NSU), Singapore. He highlighted the significance of participating in conferences and motivated budding research community to involve in innovative technology. The program was presided by Mr. Rajesh Chouta, Chairman Rajalaxmi Education Trust, Mangalore.



MECH-MITES INAUGURATION

The department student association "MECHMITE'S" was inaugurated by Dr. Rajivkumar Mistry, Deputy General Manager, Adani Power Training & Research Institute (APTRI) at Udupi Power Corporation Ltd. (UPCL) on 20th September 2019. He motivated students by highlighting the importance & merits in involving students association. Mr. Shivaramu H T, Mechmite staff Coordinator presented the Annual report of 2018-19. As a tradition of every year, the Toppers of each Batch, CART teams and were felicitated for their scholastic achievement. Dr. Divakara Shetty S, Dean Academics and Dr. C R Rajashekhar, Head of the Department wished and guided the students. The Principal Dr. GL Easwara Prasad gave a presidential speech.



SAE CLUB INAUGURATION

SAE collegiate club of MITE was inaugurated by Mr. Girish Babu, Founder & CEO, GUTS Mechademy, Bangalore on 11th October 2019. The Chief guest motivated students to learn additional skills like drawing, design and analysis. Dr. C R Rajashekhar, Head of the Department, staff coordinator Mr. Rahul Sanjeev and student coordinator were arranged the event.




Quiz

Title: Event: e-Quiz on Strength of Materials_ A Five Quiz Series

Date: 22/06/2020 to 26/06/2020

The whole world is fighting the COVID-19 pandemic and day to day activities are largely affected by the lock down, which is necessary and unavoidable. The student community is facing a difficult situation at large without the regular classes and worried about their career indeed. In this tough time to keep the students away from unwanted thoughts and avoid sliding into depression, keeping them engaged with the work is the need of the hour. Also to refresh the fundamental concepts of both students and faculty members of MITE as well as other institutions, an idea of organizing a quiz on Strength of Materials, one of the most important subjects of Mechanical Engineering stream, was coined by Mr. Mohan Kumar, Associate Professor in Department of Mechanical Engineering.



Mangalore Institute of Technology & Engineering
Badaga Mijar, Moodabidri, Karnataka - 574 225
(Affiliated to Visvesvaraya Technological University, Belagavi Approved by AICTE,
New Delhi)
(ISO Certified: 2015, Accredited by NAAC)

Announces
e-Quiz on Strength of Materials
A Five Quiz Series
June 22 – 26, 2020
Organized by
Department of Mechanical Engineering
(Accredited by NBA)

This is a Five Quiz series on Strength of Materials. Students of II, III and IV year B.E., Mechanical Engineering, Civil Engineering and allied branches can take up this quiz. It is also open for faculty members of various Engineering colleges. Those who score 60% and above will get an Appreciation Certificate (e-certificate). Majority of the questions are taken from old GATE exam papers.

For any Queries
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Department of Mechanical Engineering
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AICTE ACTIVITY POINT PROGRAM

Activity: Developing and managing efficient garbage disposable system & Cleaning village roads, Paladka

Section: 3ME1

Date: 13-1-2020

Our Institute had organized Efficient Garbage Disposal and Management drive under the AICTE-VTU Activity Point Programme for Engineering Students 2020, during our semester end vacations. During the course time we had carried out different works in Paladka and Kadandale village. Swachh Bharat program was conducted near the Subrahmanya Temple in Kadandale village. We had we chopped off weeds using sickle and cleaned the surrounding with spade and other tools.





Department of Mechanical Engineering (Accredited by NBA)

AICTE ACTIVITY POINT PROGRAM

Activity: Swachh Bharat, Shree Subrahmanya Temple, Kadandale

Section: 3ME1

Date: 14-1-2020

Our Institute had organized Efficient Waste Disposal and Management drive under the AICTE-VTU Activity Point Programme for Engineering Students 2020, during our semester end vacations. During the course time we had carried out different works in Paladka and Kadandale village.

Swachh Bharat program was conducted near the Subrahmanya Temple in Kadandale village. We had we chopped off weeds using sickle and cleaned the surrounding with spade and other tools.





Department of Mechanical Engineering (Accredited by NBA)

AICTE ACTIVITY POINT PROGRAM

Activity: Plastic waste collection, Poopadikallu, Paladka

Section: 3ME1

Date: 16-1-2020

We started our by collecting the plastic wastes near the road side. We collected all plastic wastes and handed it over to the Panchayat cleaning staff for proper and efficient disposal of these wastes. We divided the work as cleaning and waste disposal. One group cleaned the given area and the other team collected wastes.





Department of Mechanical Engineering (Accredited by NBA)

AICTE ACTIVITY POINT PROGRAM

Activity: Cleaning, market place, Kadandale.

Section: 3ME1

Date: 17-1-2020

During these days we had traveled across the entire village and cleaned many areas. We had been assigned work of cleaning the surrounding area and collect the wastes and clean the place. After collecting waste we also created awareness among village people and others regarding proper and efficient waste disposal methods.

During the activity we also got to know about many new ways of waste management, this helped us to inculcate these learning's in our daily life and create a healthy and prosperous society.







MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001:2015 certified Institution)
(A unit of Rajalaxmi Education Trust, Mangalore)
Badagamijar, Moodabidri

Department of Mechanical Engineering (Accredited by NBA)

AICTE ACTIVITY POINT PROGRAM

Activity: Awareness program, Gram Panchayat, Paladka

Section: 3ME2

Date: 18-1-2020

After the successful completion of the Efficient Waste Disposal and Management drive under the AICTE-VTU Activity Point Programme which was conducted for a duration of two weeks in the village of Paladka. Our work and initiative had been appreciated by the government officials and village people.

The Panchayat office appreciated:

“We are appreciative of your social initiative program called AICTE activity point programme and for sending your students to enhance the development of our village as well as providing awareness on cleanliness of our village.

The Swachh Bharat Program and Efficient Waste Disposal and Management drive conducted by them in our village localities was a success and we are grateful for the same.”

Place: Paladka Village

Duration: 18 January 2020



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Department of Mechanical Engineering (Accredited by NBA)

AICTE ACTIVITY POINT PROGRAM

Activity: PPT presentation on career guidance, Government school, Paladka

Section: 3ME2

Date:03-02-2020

After the successful completion of the Efficient Waste Disposal and Management drive under the AICTE-VTU Activity Point Programme which was conducted for a duration of two weeks in the village of Paladka. Our work and initiative had been appreciated by the government officials and village people.

The Panchayat office appreciated:

“We are appreciative of your social initiative program called AICTE activity point programme and for sending your students to enhance the development of our village as well as providing awareness on cleanliness of our village.

The Swachh Bharat Program and Efficient Waste Disposal and Management drive conducted by them in our village localities was a success and we are grateful for the same.”

Place: Paladka Village

Duration: 3 February 2020

Department of Mechanical Engineering
(Accredited by NBA)

AICTE ACTIVITY POINT PROGRAM

Activity: Swachh Bharat abhian, Paldka village

Section: 3ME2

Date:04-02-2020

As per the schedule we planned, we had cleaned most of the places in the village. During the last days of the activity we travelled some distance and saw a nursery school. Here we started the work by cleaning in front of nursery school, which is covered by lots of plants and very large bush of thorny plants. We removed all those plants and cleaned the whole area and as a result the place was better than before.





Department of Mechanical Engineering
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AICTE ACTIVITY POINT PROGRAM

Activity: Cleaning village roads, Paladka

Section: 3ME2

Date:05-02-2020

Next task we had was cleaning the roads in the village. We collected wastes from both sides of the road about a distance of 5km. On both sides of the road there were a lot of plastic bags, bottles and other wastes thrown by the people. We had collected all those unwanted things in plastic bags and cleaned the whole area.

During the task along with collecting waste from roadside we also cleaned the localities. After completing the task we conducted a waste sampling test for assessment of quantity and quality of waste generated.





Department of Mechanical Engineering
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AICTE ACTIVITY POINT PROGRAM

Activity: Garbage disposal, Kadandale

Section: 3ME3

Date:06-02-2020

We cleaned the place near the matha. In the beginning the surrounding was filled with garbage and waste. We had cleaned the surroundings and then threw the garbage into specified place. Later on we started to clean the weeds and unwanted grass and put them around the trees which in turn became the manure, compost for the trees. After the work we also campaigned about the need for proper, scientific, and efficient disposal of the waste and its importance in our daily life.





Department of Mechanical Engineering
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AICTE ACTIVITY POINT PROGRAM

Activity: Plastic waste collection, Kemar –Paladka

Section: 3ME3

Date:07-02-2020

We started our by collecting the plastic wastes near the road side. We collected all plastic wastes and handed it over to the Panchayat cleaning staff for proper and efficient disposal of these wastes. We divided the work as cleaning and waste disposal. One group cleaned the given area and the other team collected wastes.



Department of Mechanical Engineering
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AICTE ACTIVITY POINT PROGRAM

Activity: Cleaning ground, Government school, Paladka

Section: 3ME3

Date:08-02-2020

After reaching the village we divided ourselves into groups and visited various places as per schedule. Each group was given with different work at different places. Our group had visited the Kadandale School and cleaned the school premises.

The objective of the day was to clear a patch of land, which resided behind the school, from unwanted plants, which occupied there and grew during the monsoon season. That patch of land contained loads of weeds (unwanted plants), which we chopped off using sickle.

After cleaning we created awareness about efficient and scientific methods of waste management among the students.





Department of Mechanical Engineering
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AICTE ACTIVITY POINT PROGRAM

Activity: PPT presentation on career guidance, Government school, Paladka

Section: 3ME3

Date: 08-02-2020

After the successful completion of the Efficient Waste Disposal and Management drive under the AICTE-VTU Activity Point Programme which was conducted for a duration of two weeks in the village of Paladka. Our work and initiative had been appreciated by the government officials and village people.

The Panchayat office appreciated:

“We are appreciative of your social initiative program called AICTE activity point programme and for sending your students to enhance the development of our village as well as providing awareness on education and about new courses.

The Swachh Bharat Program and Efficient Waste Disposal and Management drive conducted by them in our village localities was a success and we are grateful for the same.”

Place: Paladka Village

Duration: 8 February 2020

