

# M I I C

The Mech. Chronicle  
Annual Report  
2019-20

**CELEBRATING FIRST  
ANNIVERSARY**

"Let's Walk Together  
Towards **ENDLESS**  
Opportunities"

**ESTABLISHMENT JUNE '19**

Started and Managed By Students of Mechanical  
Engineering Department, MSU

WITH A FOREWORD BY DR. LEENA MEHTA  
Former Director, Equal Opportunity Cell  
The Maharaja Sayajirao University Of Baroda

**THE MECHANICAL INDUSTRIAL INTERACTION CELL**

REDEFINING POSSIBILITIES

Cover by P^3 photography

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# FOREWORD

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MIIC's young volunteers approached me as Equal Opportunity Cell's Director. They wanted to explore if EOC can support MIIC's Activities of strengthening the learning of the Engineering students of Mechanical Department. I learnt from them that MIIC was a voluntary initiative of students, under the guidance of the **Head of The Department, Shri. D.S. Sharma sir** and other faculties. They were explained the functions and mission of Equal Opportunity Cell, a UGC supported University level cell and that we conducted need based Remedial Coaching workshops and seminars **to enhance Examination performance and Job Placement of students over and above promoting Equity, Diversity and Non Discrimination across the university campus.**

After mutual discussion we agreed to focus on their top most priority of getting hands on training in polishing their performance in job placement interviews in Corporate sector through behavioural training. **EOC played the link role between the resource faculty and the students and EOC team took up the responsibility of organising a week long programme "Campus to Corporate" which turned out to be one of the most successful programme of EOC, MIIC and also of Psychology Department.**

I appreciate the initiative of MIIC Team, my own EOC team of Ph.D. Scholars, **Mrs. Heli Shukla Karvat, Ms. Sagar Rajput** and **Mr. Adnan Turak** who volunteered to execute the programme "Campus to Corporate". The resource team from Department of Psychology **Prof. Sompura**, and the enthusiastic team led by **Shri. Kashyap Rajput** did wonders. It was a wonderful and memorable success story of the whole hearted synergised team work of three units of The Maharaja Sayajirao University of Baroda- Equal opportunity cell, Technology- MIIC and Department of Psychology. On behalf of all the three, I wish a bright future to all the participants and stakeholders.

**Dr. Leena Mehta**  
Former Director,  
Equal Opportunity Cell,  
The Maharaja Sayajirao University of Baroda,  
Vadodara.

# MESSAGE FROM THE FOUNDING TEAM

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**“All mankind is divided into three categories: Those who are immovable, those who are movable, and those who move.”**

~ Benjamin Franklin

We believe that the third category constitutes of MIIcers. With firm belief in our student’s potential, MIIc is working towards uniting the Mechanical Department into one progressive community.

MIIc, **The Mechanical Industrial Interaction Cell**, is a non-profit, non-political, an entirely student-run organisation facilitating more than 400 Mechanical Engineering students of the Maharaja Sayajirao University of Baroda. Today, with a common vision **“To create Industry leaders of tomorrow by empowering students”**, MIIc is working towards moulding students into tomorrow’s Industry Leaders – Leaders with a progressive perspective.

All programmes and projects organised by MIIc are aimed at achieving three well-defined objectives:

- **Bridging the gap between Students and Industries**
- **Enhancing employability potential**
- **Promoting leadership**

We believe that achieving these objectives will lead to the creation of responsible Industry leaders of tomorrow and realisation of all student’s potential. Because all MIIcers agree that **“No man is an Island entire of itself. Every man is a piece of the continent, a part of the main.”**

Regards,

**Team Prathistha**

MIIc Founding Team (2019-20)

# PRAISE FOR THE CELL

(ESTABLISHMENT: JUNE 2019)

**DR. D S SHARMA**  
Head Of Mechanical  
Engineering Dept.

I congratulate Mechanical Industrial Interaction Cell (MIIC) for successfully completing its existence with significant footprints on the minds of young building Engineers. MIIC is an initiative of its own kind by the students of Mechanical Engineering of Faculty of Technology and Engineering, MSU. MIIC has conducted number of activities even during the lockdown period. I wish these activities take few steps forward in the future and achieve great heights. I wish good luck to all the young students who are contributing and participating in this students' run cell for their upliftment.

**MR. GIRISH D. KARHADKAR**  
Associate Professor &  
Chief Coordinator of  
Siemens CoE on  
Industry Automation,  
Mechanical Engg. Dept.

It gives me an immense pleasure to brief the activities of MIIC for the students of our department, by the students of our department with help of minded teachers. Few motivated students brainstormed among themselves and evolved the concept of MIIC basically to ensure holistic development of all through well defined objectives and systematic steps to achieve them. Under MIIC it is envisaged to interact with small, medium and big industries to ensure enriching visits, projects, dissertation, technical talks/seminars, problem solving workshop with the help of all respected teachers. Due to prevailing situation around more efforts have to be put in all concerned to ensure that training imparted in faculty fetches good jobs and results into development of the society around us as a whole. I am confident that this new beginning will bear the fruits in near future and bring laurels to our department Faculty and our prestigious university.

**DR. PIYUSH P. GOYAL**  
Training & Placement  
Officer,  
Associate Professor,  
Mechanical Engg.  
Dept.

I am happy to see the amount of enthusiasm of our MIIC's beloved student group actively conducted and managed various activities and events under MIIC, I stand awed by the sheer number of events that have come pouring in for the academic year 2019-20. This shows the positive and creative energy of our students. They are proudly publishing the annual report of MIIC 2019-20, in order to show to the outside world, and also to remind the denizens of Mechanical Engineering Department, Faculty of Technology & Engineering, the progress which they have made so far. I wish they intend to continue presenting the talent and creativity of students through Dazzle every year. I congratulate and thank all the students and coordinators who have made untiring efforts to bring out this annual report. I wish them all success in years to come.

# PRAISE FOR THE CELL

(ESTABLISHMENT: JUNE 2019)

**DR. AKASH B. PANDEY**

Associate Professor,  
Mechanical Engineering Dept.

The formation of Mechanical Industry Interaction Cell (MIIC) in 2019 is an important and timely action by the students of Department of Mechanical Engineering, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda. It adds to the academic activities and efforts of the Department a very important momentum from the students' side. The activities conducted by MIIC over the year like industrial visits, training programs and knowledge sharing sessions, group discussions and mock interviews will all help the students grow in terms of knowledge and confidence. I hope that MIIC grows in its strength and vision and wish the coordinators and team lots of luck and progress.

**MRS. ALPA T. BHATT**

Associate Professor,  
Mechanical Engg. Dept.

MIIC team is working hard and putting sincere efforts to give benefit to students of MSU by helping them to connect with industries. This team arranges expert lectures on various topics and understands current need of industries. The team arranges industrial visits to see practically how things work. I appreciate the team efforts. Keep doing good job. All the very best MIIC team! I also congratulate all 450 members of MIIC.

**MRS. SHEETAL SONI**

Associate Professor,  
Mechanical Engg. Dept.

Mechanical Industrial Interaction Cell Congratulations to complete one year of MIIC. It is really very nice initiative to bridge the gap between Industry and academics. I really appreciate your efforts to communicate with different industries. The interaction with the industries will definitely help to look into the actual practical aspects. The activities of the cell will definitely help the students to learn the key concepts easily. The time you put in at this stage will definitely help to build bright career. Excellent work, Keep it up.

**DR. AMIT R. PATEL**

Associate Professor,  
Mechanical Engg. Dept.

MIIC is a very important initiative started and managed fully by our students, and we feel proud to state this. Under this students organize several key activities. Few actions, which I understand already in pipeline, in this direction is to contact industry people and encourage them to deliver some key lectures from time to time that help bridge gap between their expectations and fulfil their need. I am sure a strong tie with industry slowly but steadily will fill the current gap between industry and academia. I wish students good luck for their wonderful efforts.

# PRAISE FOR THE CELL

(ESTABLISHMENT: JUNE 2019)

**DR. ARVIND S. MOHITE**

Associate Professor,  
Mechanical  
Engineering Dept.

“Learning is best when it is practically experience”. To enable best learning MIIC is established in our Mechanical Engineering Department. The main aim is to organize visits to industry and updating the knowledge of the students of Mechanical engineering through various expert guest lectures. MIIC is working with an aim to equip the students to face various real life industrial situations, which they are likely to encounter in future after the graduation. I appreciate their work and promise them my full support in their endeavor.

With Best Wishes from my side.

**DR. JIGNESH R. MEHTA**

Student Chairman,  
ISHREA Vadodara  
chapter  
Associate Professor,  
Mechanical  
Engineering Dept.

The Mechanical Engineering Department of The Maharaja Sayajirao University has been doing one of the best placements in perhaps the whole state of Gujarat. Still, it was always felt that there is surely some scope to excel further or in other words: “Redefining Possibilities”, which is the tagline of the ‘MIIC’. The students of Mechanical Engineering at MSU have had the best potential but certain skills were to be nurtured or some grooming was necessary. Also a good exposure to industries is a must because finally, that’s the place where they need to demonstrate their abilities. MIIC is a big step forward in this direction, very apt initiative. Though it has been just one year from its establishment, they have taken up all kind of useful activities bridging the gap between industry and academia. It is helping not only meritorious students to achieve higher goals but also others to groom themselves to shine out in the professional world. I congratulate team MIIC for this achievement and wish them all the success in the future too!

**MR. KIRANKUMAR B. KANSARA**

Assistant Clerk,  
Mechanical Engg.  
Dept.

Mechanical Industrial Interaction Cell, known as MIIC (A path to set your Goal)

Many congratulations for successful completion of one year of MIIC to hard-working team members. During last year many students got golden chance to build up their career through MIIC's activities like arranging expert's talk in connection with how to crack placement interviews and group discussion between students to overcome from fear regarding personal interview etc. I truly appreciate and strongly believe that such activities under the roof of "MIIC", will help all the students of mechanical engineering department as well as set an example to another department and faculty to build up their career in future. My best wishes to team members of MIIC to set a path for next generation and motivate for their endless journey. Ready to help today and always.



MIIC's first ever session  
(Group Discussion 3rd year)  
started on **Ganesh Chaturthi**  
under the auspices of Dr. D S  
Sharma - Department Head



**GANESH TEMPLE**

Mechanical Engineering Department  
The Maharaja Sayajirao University of Baroda

# INITIATION OF MIIC

(ESTABLISHMENT: JUNE 2019)

"The reasonable one adapts itself to the world. The unreasonable one persists in trying to adapt the world to itself. Therefore all progress depends on the unreasonable." ~ George Bernard Shaw

The Mechanical Engineering Department of Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda was doing one of the best placements in perhaps whole state of the Gujarat but it felt gradual decline since few years. Having one of the best potentials, the students lacked in some corporate necessary skills which need nurturing. Thus, **The Mechanical Industrial Interaction Cell (MIIC)** was a big step forward in this direction, a very apt initiative with the aim to enhance students' employability potential and bridging the gap between Industries and Academics. Started and Managed by the students of Mechanical Engineering Department (Batch of 2017-21). The journey of formation was quite long, mixed with evolution yet fruitful and satisfying at the end.

**Initiated by** the Department Representative of Mechanical Engineering (2018-19), Samkit Kothari presented an idea for formulation of a Cell for Training and Internship in November 2018 to the Vice Dean of FTE and Head of Mechanical Engineering Department, Dr. DS Sharma, whose advice ignited him with a broader concept of idea, evolving to Mechanical Internship Cell in January 2019. With the advice of some prominent teachers such as GD Karhadkar Sir and AB Pandey Sir, this initiative got a new direction. Till April 2019, this whole concept was ready to constitute but cooperation and execution was a challenge which can lead to an initiative failure, if not ensured and thus in April 2019, Class Representative Prathmesh Jadhav, joined Samkit Kothari to take this initiative further, as what mattered was the cooperation and support of students of Mechanical Department. With this dual lead, work gone fast track.

The problem which was hindering the progress was itself the idea of Interaction with Industries, if implemented officially, will clash the approaches and thus was a deep concern. In June 2019, this was sorted with mutual agreement with the Training and Placement Officer, Dr. Piyush Gohil Sir who has effectively helped to take this initiative forward and with then Mechanical Training and Placement Coordinators (2019-20) to have a mutual consent while dealing with Industries.

Finally, till the end of June 2019, it was not limited to only an initiative for internship opportunities but the idea has transformed to "**The Mechanical Industrial Interaction Cell**" which was much more broader in concept as well as scope, which dealt with preparing students of Mechanical Engineering Department for future corporate world and thus has potential to develop industrial leaders in their domains. The idea and concept was finally approved by Dr. DS Sharma, Head of Mechanical Department whose constant support and cooperation was really useful to take students' effort and initiative forward. And thus on **27th July' 19**, history was created. For the first time, a cell for complete development of students was unveiled before public.

# FORMATION OF FOUNDING TEAM

Observing the criticality and sustainability, selection process for its founding team took place under two stages. First stage was Group Discussion and Second was Personal Interview. For first stage of interview, students were judged on their communication skills and their knowledge presentation by Training and Placement Coordinators. For second stage of interview, i.e. Personal Interview, Students responsibility regarding this organization, innovation possible, executing this further and his/her seriousness regarding this organization was judged by our faculty, Prof. Karhadkar Sir and Dr. Akash Pandey Sir.

Based on the points given and decision taken by the judge in both the stage of interview, the founding team of MIIC was formed. Considering the tasks which were going to be conducted by MIIC, selection of 11 Coordinators was necessary. This **Founding Team** included Kishan Parmar, Shrey Patel, Bhavik Patel, Ranjana Shrivastava, Meet Patel, Kaushik Goshwami, Aakash Kavaiya, Jay Panchal and Juzar Vohra along with Samkit Kothari and Prathmesh Jadhav. This pillars not only formed sustainable foundation but with their will and commitment they took this idea to a next level.

A heartily gratitude to **Head of Department, Dr. DS Sharma Sir, Prof. GD Karhadkar Sir, Dr. AB Pandey Sir, Dr. Piyush Gohil Sir, Dr. AS Mohite Sir, Dr. AR Patel Sir, Dr. Prajapati Sir, Prof. Shital Madam, Prof. Alpa Madam, Dr. JR Mehta Sir, Dr. Leena Mehta Madam at Faculty of Social Works, Kiran Sir at Mechanical HOD Office and all our visionary teachers** who have supported this noble initiative.

The tagline "**Redefining Possibilities**" gives each and every individual a confidence to stand for a positive change. We look forward to pass on the baton to the next generation very soon with the same enthusiasm, pledging to take this initiative to new heights.

**VISION** : To create industry leaders of tomorrow by empowering students through proper training and Career opportunities

**MISSION** : To groom students meticulously and empower their employability potential by bridging the gap between industrial and academic learnings through various training and growth opportunities.

**ABOUT** : Mechanical Industrial Interaction Cell is a facilitation unit that is responsible for organizing various activities and training opportunities for enhancing soft skills and interacting with various Industrial, Technical and Educational organization in Vadodara City and other cities of Gujarat with the aim of ensuring that the students of the Mechanical Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda are given adequate technical exposure.

**Glimpse  
from the  
Previous  
Semester**

**2019**

**REDEFINING POSSIBILITIES**

**MIIC**

**MECHANICAL INDUSTRIAL INTERACTION CELL**

**MECHANICAL ENGINEERING DEPARTMENT  
FoTE - MSU, VADODARA**

**A TIME TO REMEMBER**



## GROUP DISCUSSION

Inaugurated MIIC by the Head of Mechanical Department along with faculty members.

Our session started with G D Karhadkar sir's initiation speech, which was full of knowledge for personality development, motivation and other few very necessary instructions about Group Discussion. Our judges, 'Dr. Jagdish Prajapati sir' and 'Amit Patel sir' started the activity with a detailed introduction about Group Discussion, in which they explained us, 'How to appear for a Group Discussion.', 'How to prepare starting notes.', 'What should be optimistic content of our points.' & about 'Language barrier.'; With 40+ students, we were able to conduct 4 sessions of group discussion regarding the following topics, 'Motor Vehicle Amendment Bill 2019', 'Statue of Unity', 'Demonetization' and 'Media Freedom'.

The participants were given 2 minutes to think over the topic before the GD. Each session was carried out for 15-20 mins. Five parameters on which you are judged during a group discussion:

1. Knowledge
2. Listening
3. Communication skills
4. Body Language & Appearance
5. Leadership Skills



*" Don't let this great initiation fall, MIIC holds the ability for bringing a positive change in our mechanical department. " - Prof. G D Karhadkar*



The students received a great technical exposure and were benefited by learning of the following topics:

- How hydraulic pumps function?
- Basic components used in a pump.
- Operation of a pump valve.
- Different types of Valves.
- Manufacturing process of Valves.
- Quality Testing & Inspection of Valves.
- Working of Lathe, Milling, Drilling, CNC & VMC machines.
- Lapping process to check surface finish of material.

We as students coming from a reputed institution, were served very well in terms of providing Refreshments as well as in the quality of knowledge imparted.

## INDUSTRIAL VISIT @ MICRON PVT LTD

Special thanks to Dr. Mohite Sir and Dr. A B Pandey Sir for helping MIIC facilitate the Industrial Visit.

Micron engineering is a manufacturer of hydraulic pump valves and inspects quality of the valves. This is a “GIDC, Ranoli, Vadodara” based company. We visited this company on 14th sept.2019 with arrangements made for a bus service for transportation of around 60+ students for a 30 km ride from campus. We were accompanied by two faculty members as well, Dr. Mohite Sir & Dhruv Sir.



*Observing the curiosity of students to learn more, Micron Engineering have extended a further help of inviting few students for summer internship!*



## INDUSTRIAL VISIT @ ISHAN EQUIPMENTS PVT LTD

Special thanks to Dr. Mohite Sir and Dr. A B Pandey Sir for helping MIIC facilitate the Industrial Visit.

The students received a great technical exposure and were benefited by learning of the following topics:

- Material used in making pressure Vessels.
- Different methods of welding.
- Operation of a hydraulic sheet bending machine.
- Different types of punching machines.
- Variety of flanges & gaskets.
- Sand Blasting Process.
- Variety of Material handling machines.

We were delighted to visit a company who is the manufacturer of the largest water tank in all Asia.

Ishan Equipments is a well-known manufacturer, supplier and exporter of Engineering Products. Their product range includes Pressure Vessels Under IBR, Pressure Vessels Under CCOE, Pressure Vessels minus temperature, Column, Distillation Column, Heat Exchangers, Fumes Stack, Stack, , Rake Arm Mechanisms, Rectors, Chlorine Bullets, LPG Bullet, Dehydrator storage tank under IBR, Storage Tank, Scrubbers, Fabricated Storage Tanks. This company is based on ranoli G.I.D.C. in Vadodara.



*The best part was when we were taught about Arc-welding in the class and the very same day, during the visit, we gained a practical & visual understanding of the welding process!*

# CAMPUS 2 CORPORATE

Special thanks to the Equal Opportunity Cell of MSU and Department of Psychology for helping MIIC facilitate a five day long workshop @ Faculty of Social Work.

With the purpose of Enhancing Employability potential for Mechanical Engineering student MIIC had organized a Five-Day Workshop titled, "Campus to Corporate" in collaboration with Equal Opportunity Cell. Let's have a day-wise glimpse of the workshop.

## #DAY 1: COMMUNICATION

The Workshop was inaugurated with a warm welcome of the attendees by the facilitator, Prof. Kashyap Rajput Sir and Director of EO Cell, Prof. Leena Mehta madam. Followed by distribution of individual kits to the attendees. The first day was all about learning, 'How to communicate effectively?'. Being a psychologist himself, Prof. Kashyap Sir gave us examples from our daily routine when we mess up because of our lack of communication skills. The day also included various ground activities which brought fun & attentiveness among students. Lastly, when the session ended we were served with refreshments.



## #DAY 2: PERSONALITY DEVELOPMENT & BUSINESS ETIQUETTES

Some key learnings from the session were:

- How do we keep a healthy mindset?
- What are the qualities of a good leader?
- Respect: A give & take process
- Body Language
- How to create good habits?
- How to develop oneself?
- Character traits of a decent personality

## #DAY 3: THE ART OF GROUP DISCUSSION

Session on Day 3 became the session of practical application of day 1 and 2, it consisted the most important and the skill that a person entering the corporate side should possess i.e. the art of group discussion which finds its place in every aspect of the day to day life whether its with your friends or with your seniors or boss.



" You can't change the world, but you can only change yourself."  
- Prof. Kashyap Rajput







## CAMPUS 2 CORPORATE

Special thanks to the Equal Opportunity Cell of MSU and Department of Psychology for helping MIIC facilitate a five day long workshop @ Faculty of Social Work.

### #DAY 5: PERSONAL INTERVIEW

On 20th September the subject of the workshop was “Personal Interview” which was started with an activity in which group of students had to pass a ring while remaining in the chain created by holding each other’s hand. After which group of 8 students were assigned to 2 members of the volunteering team and there were 8 teams; the team members were the recruiters for the mock interview and they asked most common questions asked in the interview by the recruiter to let the students experience the nearby interview environment. After which the points related to personal interview were discussed in detail with examples.

### #DAY 4: RESUME MAKING

On 19th September the subject of the workshop was “Resume making” which was started with an activity in which task was to take plastic glass held with support of pen kept in the mouth of the participant and use of hands was not allowed; there was 7 rows with 8 participants, each one of them had to do this until the last one in the row completes it. After which topics related to resume making were discussed in detail; topics were what is resume, how to make one for yourself, Dos, Don’ts, etc. With one example of resume the workshop completed.



*The five day long workshop ended with an eye-opening thanking note delivered by Prof. Leena Mehta, Director of Equal Opportunity Cell.*



The program started by inaugural speeches given by Prof. Bhate who is the Head of chemical department and G D karhadkar Sir of Mechanical department.

BG desai sir started with the basics of energy generation ,and then came to current energy scenario,explained what is the role of solar and wind energy , storing of energy, and what are star rating systems. Lastly, there was an interactive question answer session. His team had brought a working model based on different electrical components which shows which component uses how much energy with it's given star Rating and which is preferable in our day to day life.

## CONSERVATION OF ENERGY

Mechanical industrial interaction cell (MIIC) had organised a guest lecture on conservation of energy which was delivered by Dr. BG desai sir retired professor from iit bombay in collaboration with community science centre, vadodara in association with indian institute of chemical engineers(IICHE) msu chapter on 24th sep at chemical auditorium FTE msu.

As energy is very important parameter in every engineer's career as well as in the progress of any industry ,it was very important lecture given by very experience DR. BG DESAI sir with demonstration of various projects along with analytica data and different research papers for the students of 3rd mechanical and chemical engg departments.



In Association With



MSU Students' Chapter  
Chemical Department,  
FoTE - MSU

## CONSERVATION OF ENERGY IN INDUSTRIES

BY,  
DR. B. G. DESAI SIR

(FORMER PROFESSOR OF IIT BOMBAY)



Recalling B G Desai's words, "One unit of electricity saved is equal to generating 1.5 units of power!!", inspires all of us to move one step forward for an energy independent world!



## MIIC 4 ECO-ENGINEERING

With an intention to create a green campus, MIIC pledges to plant one sapling for every successful event it organises.

To mark Mahatma Gandhi's 150th birth anniversary, The Mechanical Industrial Interaction Cell (MIIC) took a green initiative of planting one sapling for each successful event organized.

Furthermore, MIIC have started a campaign named 'MIIC4eco' under which MIIC will help implement new innovative eco-friendly solutions to the problems students face in the campus.

The campaign was launched on 2nd October, 19 and we are elated to have responses so soon already.



MIIC intends to make the Mechanical Department an eco-friendly Department of the Faculty of technology & Engineering.



## GROUP DISCUSSION (SESSION-3)

To make **second year** Mechanical Engineering Students familiar with what group discussions are; Mechanical Industrial Interaction Cell organised a GD Session on 14th February '20 which got participation of 50+ students of second year Mechanical Engineering.

Our session started with **Dr. AR Patel's** Informative Speech who was judge and mentor of the session, which was full of knowledge for personality development, motivation and other few very necessary instructions about Group Discussion, in which he explained Students, '**How to appear for a Group Discussion.**', '**How to prepare starting notes**, '**What should be optimistic content of our points.**' & about '**Language barrier troubleshooting**' With 50+ students, we conducted **6 Rounds** of group discussion regarding the following topics, '**Job at MNC: High quality of life. True or False?**', '**Make in India vs Chinese Products**', '**Is Social Media really Social?**', '**Digital Games: Boon or Curse?**', etc. The participants were given 2 minutes to think over the topic before the GD. Each session was carried out for 15-20 mins.

At the end, 3 best participants based on the judging criteria were felicitated with a piece of gratitude to encourage their enthusiasm and thus the session ended with a motivation note by Dr. AR Patel Sir.

# ○ U T L I N E

## A P T I T U D E A N D L O G I C A L R E A S O N I N G W O R K S H O P

**"Success is not only determined by your attitude, but also your aptitude!"** Aiming at enhancing employability, the first step of any recruitment process starts with Aptitude and Logical Reasoning round.

In association with **"IMS : Trusted For Success", Vadodara**, The Mechanical Industrial Interaction Cell has organised a **3-day workshop for third year Mechanical Engineering Students** at Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, where students got the exposure of practicing Placement Aptitude and Speed math, which is essential for any recruitment process and checks for your quickness in decision making capabilities.

A special Thanks to **Tridal Upadhyay Sir for conducting this workshop and Arpit Sir for managing the resources.** Taking some glimpses of the workshop, IMS Vadodara with its very well organised mentoring pattern carried this workshop to next level professionalism.

### **DAY 1: Basic Level Aptitude**

Starting with some basic aptitude and mathematics, Tridal Sir introduced the students to the importance of aptitude and carried on with some basic topics and calculation such as Numbers, Time and Work, Percentages, SI CI, Profit Loss, Time Speed Distance, Ratios and Proportion. This gave Students a base for further sessions. Sir tried to teach students how to calculate mentally to ace in the aptitude exams and lower the timings.

### **DAY 2: Logical Reasoning**

Initiating with the day 2 of the workshop, Sir introduced to the logic and reasoning in much simplified way and started with some amazing and interesting topics such as Puzzles, Sequences, Series, Arrangements, Reasoning and more. This session indeed made students comfortable to the questions which they never experienced before and helped them to develop the logic and reasoning essence

### **DAY 3: Advance Level Aptitude**

Last day of the workshop was quite amazing with respect to some advancement in the Aptitude with learning of Permutation and Combination, Probability with some miscellaneous questions. At the end, there was a short test of our leanings from the workshop which satisfied ourselves to a positive end of the workshop.

On behalf of The Mechanical Industrial Interaction Cell, Team MIIC presented a small gratitude to Tridal Sir and Arpit Sir for making this interesting workshop possible and also promised to associate for this noble initiative in future for betterment of the students.



**"Patience, persistence and perspiration  
make an unbeatable combination for success."**

Napoleon Hill



## GROUP DISCUSSION (SESSION-4)

Aiming to discuss some topics which need critical thinking and improving presentation skills, Mechanical Industrial Interaction Cell has organised a Group Discussion (Session-3) for **Third Year Students** on 28th February '20. This was a varied attributed session which gave participants an opportunity to discover missing factor in them and help improving.

The session started with a few necessary instructions about Group Discussion by team MIIC. Initiating with a common discussion, the session started. We were able to conduct **6 Rounds** of Group Discussion regarding the following topics, '**Profit vs Ethics**', '**Is India ready for electric vehicles**', '**Democracy are our votes really matter?**', '**Automation: technological advancement tool or job destruction tool?**'. There were some non disclosure topics such as, '**Education in native language or English**', etc. which let students think spontaneously.

The participants were given 2 minutes to think over the topic before the Discussion. Each round was carried out for 15-20 mins. The discussion rounds led critical thinking and made students presenting their points from all included area rather concentrating on one, which really helped students to discover more.

At the end, with the words of gratitude and a note of motivation by team MIIC to encourage their enthusiasm the session was successfully accomplished.





## INDUSTRIAL VISIT-3 @ COSMOS IMPEX INDIA PVT. LTD.

Cosmos Impex is **India's leading machine tool manufacturer** with both Indian and Imported Products. MIIC scheduled its **third** industrial visit at there for 3rd-year students on 4th and 5th March'20

At first, we were introduced to the whole Cosmos group and their products, plants and their working, various systems for improvement of their productivity like **Kaizen, Kanban, Poka-Yoke, etc.**

Then we were taken to the plant where **various CNC, VMC and other Automates** were being manufactured. We were introduced to various machining processes and steps of the whole manufacturing line in detail which we studied in the books. After one and a half-hour of gaining knowledge, we headed to canteen. After a quick lunch, we gathered back together for a group photograph and headed way back to college.

It was a great experience over there, lots of practical knowledge which is hard to understand only by book. MIIC will always see for such value addition industrial visits in future.



# INDUSTRIAL VISIT-4 @ "SPECIALIZED COMPONENTS PVT.LTD"

Special thanks to **Dr. GD Karhadkar Sir** for helping MIIC facilitate the Industrial Visit. Specialized Components, a GIDC, Makarpura, Vadodara based company and a **manufacturer of various sheet metal components**. We visited this company on 6th Sept. 2020. We were accompanied by four faculty members as well, Dr. GD Karhadkar Sir, Nagraj Sir, Dr. Shital Madam and Kamini Madam.

The students received a great technical exposure and were benefited by learning of the following topics which they learned in their academics:

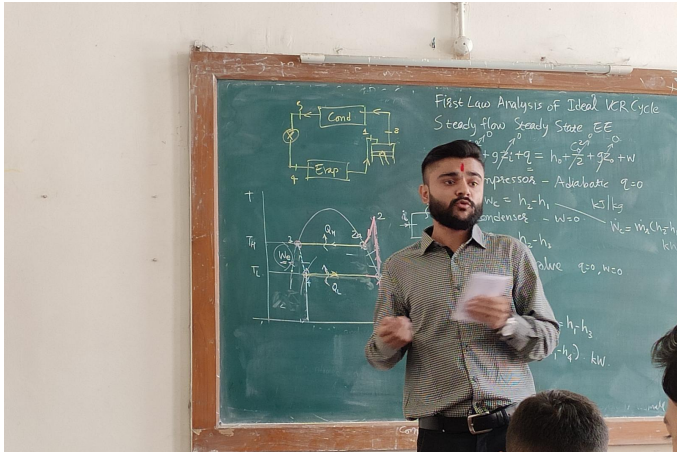
Various sheet metal process like punching, blanking ,lancing, deep drawing

- **Basic components of metal pressing machine**
- Operation of deep drawing.**
- **Different types of punching operation.**
- **Manufacturing process of sheet metal.**
- **Quality Testing & Inspection of final products.**
- **Working of Lathe machine.**

We as students coming from a reputed institution were served very well in terms of knowledge sharing as well as in the quality of knowledge imparted.



# SPEAK ON SESSION



Stage fear is common in students. Thus, to improve upon it requires constant practice and tremendous self-confidence. To build so, MIIC organized **Idea Presenting Session**, "Speak On Session" for 3rd-year students. In which they were allowed to share their ideas in which they are comfortable at and thoughts in front of their friends with full of cheering and no trace of stage fear.

It started with introduction and then after one by one student came and presented their topic. Some came up with **laptop presentation**, while some took advantage of **chalk and board**. Some talked about recent hot topics whereas some discussed their favorite subjects both technical as well as non-technical. Some also shared their projects they were currently working on. In the session, students presented their thoughts on diverse topics like - **"Improvement in the role of Sports Authority of India"**, **"VCR Systems"**, **"Tulip Effect"**, **"Power, Torque and RPM"**, **"Mentality behind Acid Attacks"**, **"A Verse of Mahabharat"**, **"Acupressure and Acupuncture techniques"** and many more.

Each discussion was of 7 minutes and after each discussion, there was feedback time of 3 minutes, this session continued for 3-4 days for 1 hour every day. In the end, with the words of gratitude and a note of motivation by team MIIC to encourage students enthusiasm and thus the session was successfully accomplished.

# MIIC - SUMMER INTERNSHIP PROGRAM

MIIC - Summer Internship Program was an important program for MIIC, **providing industrial exposure through internships** and making them aware about the practicality of subjects that they are learning.

Our major focus was to provide summer internships to every student who doesn't have any options to find an internship by themselves. We intensified our efforts to find an internship in the second half of the curriculum and strategically approached companies in various ways.

**Initiating with approaches at GIDC :** The majority of companies including MSMEs and MNCs are part of GIDC (Gujarat Industrial Development Corporation). We targeted core Mechanical oriented companies. Whole MIIC's team approached GIDC by contacting every firm as well as **VCCI (Vadodara Chambers of Commerce and Industries)**.

Secondly, Mechanical Dept, FTE MSU has a great pool of Industry - experienced faculties, who helped us get contact with industry person which in turn benefited us with lots of various exposures through which we had a great results.

We used mailing approach too through our contact database. As MIIC was an initiation, with in future will require a strong industrial network, this talks and approaches will help create them and form a network which can be a link between students and industries.

We have associated with **12 companies** for providing internship opportunities to **around 40+ students**. We had allocated the internship based on their interest and their capability to perform their duty in the industry. We have also used ML technology with the data from students given in the choice filling form.

With the efforts, MIIC felt aftershock due to COVID-19 crisis which led the country in shutdown because of which our students were not able to accomplish their allocated internships. Although it was not accomplished due to the COVID-19 crisis, we see this as an opportunity for our coming generation to grab this internship in the future. We made good network of companies and maintained good relationships with their HRs. Our new team can tap this next year trying to help 2nd and 3rd year both for getting an internship. The Team had worked on building the relations and we are thankful to all associated industries and students for their support.

Mechanical Industrial Interaction Cell (MIIC), a cell managed by students of the Mechanical Engineering Department, with its initiative started its "**Digital Edition**" in Mechanical Engineering Department involving **more than 200 students** from **2nd, 3rd, and 4th year, during this pandemic.**

Students were given a daily schedule of the activities for their improvement in technical as well as their soft skills required for the corporate world with details as below. They are provided with direct links or handpicked videos or lectures or sessions on the same daily like for 2nd and 3rd Year Students

a) **Monday - Technical and Innovation:** We observe the recent technology in the Mechanical Engineering field whether its Manufacturing or Thermal or Automobile or HVAC&R and even some basic skills of MS Excel or Machine Learning as an automation tool that needs to be learnt or developed.

b) **Tuesday - Group Discussion Informative:** We post the sessions or videos which focuses on some basic GD etiquette on how is an ideal GD be done, some tricks that need to be developed, some do's and don'ts, the body language and posture, some phrases that need to be learnt when you interrupt someone or initiate the discussion or disagree with someone, etc.

c) **Wednesday - Mock Group Discussion:** We post the content video of some group doing the discussion through which students can observe the things as a third party spectator that how he/she is presenting their points, how is the way the flow of the topic is moving, what are the postures that matter while speaking or listening, etc.

d) **Thursday - Aptitude Session:** The first and most important round for any recruitment process is Aptitude Test which checks our quickness and we provide students with the methods that can be used and different kind of questions usually asked in this type of tests.

e) **Friday - PI and Resume Informative:** In this session, we present students some common tricky questions that are usually asked in PI. Eg: Introduce yourself, Why you want this job, What is more, important for you, job security or more salary, etc. In this, we also get students aware of some basic PI etiquette and some Resume related guide. We have also organised an activity to prepare their own resume and we got very positive results from the student's side.

f) **Saturday - Mock PI:** In this, we usually post some mock interview videos where students get to understand the body language and posture, self-confidence and the way panellists try to trap and how we can move the interview by emphasizing some important point to move the interview in a positive direction, etc.

g) **Sunday - Basic English Conversation and Spoken English:** This is a very important session where most of the students aren't from the English Medium background and can utilise this very effectively. We firstly started with an Oxford Test where we can see the level at which they stand and then we post the content starting with some basic English Conversation like wishing someone or talking permissions, etc with some English movie clips as movies always fascinates us and can learn through it in a better way.

# For Final Year Students

a) **Monday - Job Survival and Industrial Training:** As final year students would be ready to work in an industrial environment it becomes necessary for them to be a potential employee. Here we post the video content where they learn to adopt the Industrial environment, survive job politics, some essential advance technical skills for industries, etc.

b) **Tuesday - Advance Skills for Job Profile:** Bridging the gap between industrial knowledge and academic knowledge, this session is about online courses whether its technical or soft-skill development course like emailing etiquette, professional phone conversation etiquette, conversation with boss etiquette, etc which is essential for a job at corporate. We also post some external exam-related videos which can help them in their career growth.

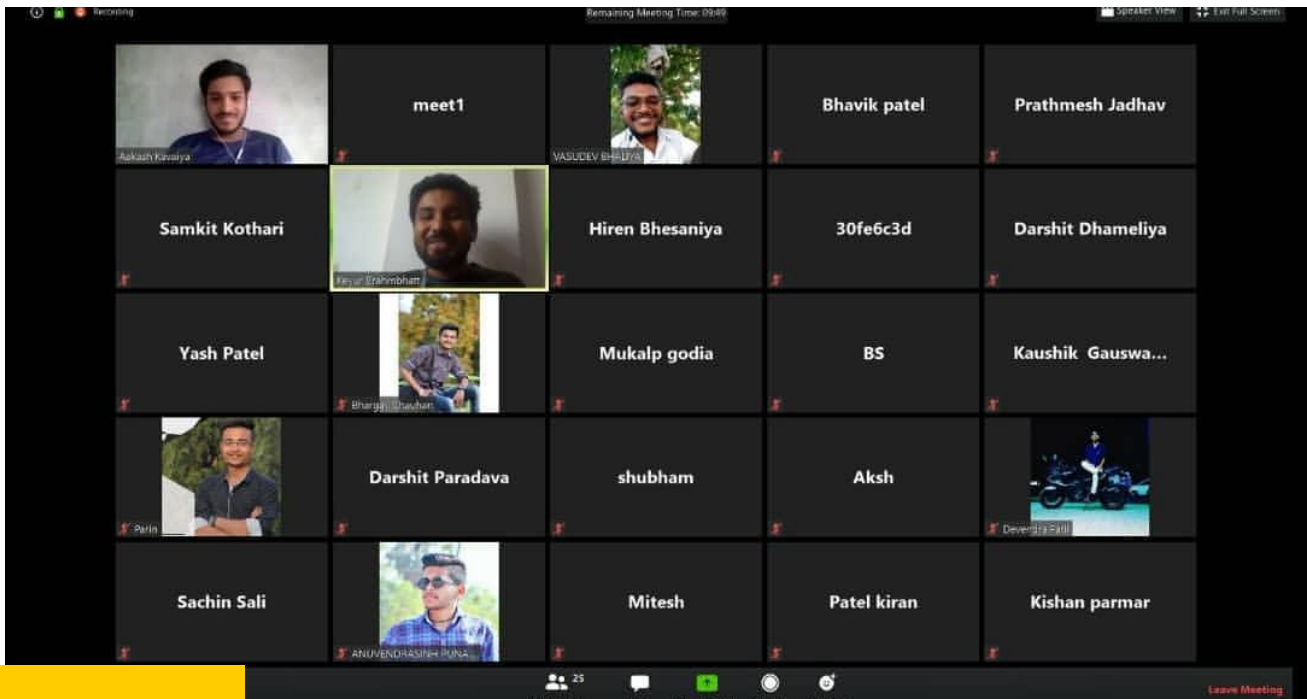
c) **Wednesday - Financial Planning:** Getting the first salary and managing it is very important. So in this session we post some handpicked videos for this like How is compounding beneficial to the investment, What are the different modes you can save your salary, etc.

d) **Thursday - Entrepreneurship:** We are as an innovator as we can and as MSU students have lots of potential for this. We post the content which can trigger innovator and business person in them with How to pitch the idea at an investor, What can be done to improve our business model, Team building or IPR Rules, etc.

e) **Friday - Personality Development:** In this session, we post the content such as the way of Communication, the right attitude towards work, etc. making it interesting.

f) **Saturday - GD/PI Session:** Here we post the same as we post in second and third-year groups in the respective session.

e) **Sunday - Spoken English:** Here we post the same as we post in second and third-year groups in the respective session.



## Webinar Edition-1: Session With Seniors

Mechanical Industrial Interaction Cell (MIIC) has introduced its First Webinar With **Alumni of the Mechanical Department**. Keyur Brammbhatt and Vasudev Bhaliya were speakers of this Webinar. This Webinar (Session with Senior) has mainly focused on 3rd and 4th Year Students.

From this Session, Students got to know how this pandemic can affect their placement drive and what should they do to explore more career opportunities to survive in this critical situation.

**Vasudev Bhaliya** has shared his experience with students and try to figure out the exact situation in Industries. He has shared his thought on what will be the opportunities in the industry after this pandemic. As well as what will be its effect on the company.

**Keyur Brammbhatt** has given an idea about Python language, Machine Learning, Artificial Intelligence, Data-Science. He has introduced us to these advanced technologies and the Scope of it in the near future. He answered some most common FAQs and their life experiences.

## Webinar Edition 2 : Welding Industries & Opportunities

Mechanical Industrial Interaction Cell (MIIC) in association with **Fronious India Pvt. Ltd.** arranged its Webinar Edition 2 on **Welding Industries and opportunities**, where students got the knowledge of welding technology and its potential opportunities.

Devendra Gope Sir was the Speaker of this Webinar. He shared valuable knowledge of Manufacturing challenges on Industries. He has introduced various Welding Technologies used in Industries.

# VIDHYADAAN

**“Not to know is bad, not to wish to know is worse.”**

Amid COVID-19 pandemic, The Mechanical Industrial Interaction Cell has taken an initiative for **spreading knowledge using digital platforms**. No-one is worthless because everyone has some sort of knowledge and expertise and no knowledge is useless.

In the time of the pandemic, MIIC recognized that "the real key to health, happiness, and success is self-knowledge. Vidhyadan is a knowledge-sharing initiative which provided a platform for sharing quality knowledge for the students by the students who want to present their comfortable topic to everyone. Many students volunteered for this initiative. MIIC has organized some sessions related to finance, cyber security, and technical session like suspension systems.

## Session 1 - The Power of Compounding

"The Power of Compounding" a great talk given by **Bhavik Patel**, a student of Mechanical Engg as he found that there was very less financial literacy around him. Session has given different perspectives about finance and investing. There was a great exchange of ideas after the session as a part of Questions and Answers.

## Session 2 - Suspension Systems

"Suspension System" a talk given by **Jignesh Shah**, a student of Mechanical Engg. All the Attendees enjoyed the session which gave them a deep insights about the working and functionalities of suspension systems. After the session, there was an Interactive Questions and Answers session which cleared all the doubts.

"Formal education will make you a living, Self-education will make you a fortune". This gave the platform for knowledge sharing as well as self-development with enhancing soft skills and communication skills. MIIC is thankful to all the students who were part of this initiative.

MIIC | Redefining Possibilities

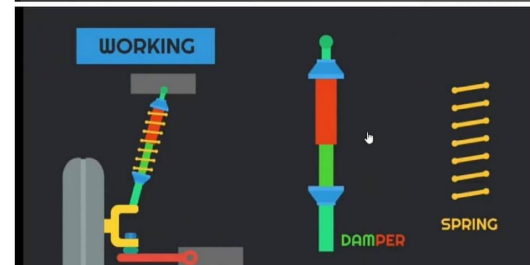
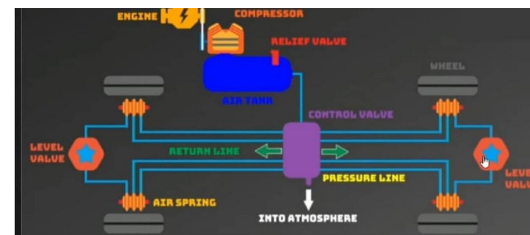
Digital Edition



**VIDHYADAN**

An initiative to spread knowledge by teaching

#ByStudentForStudent

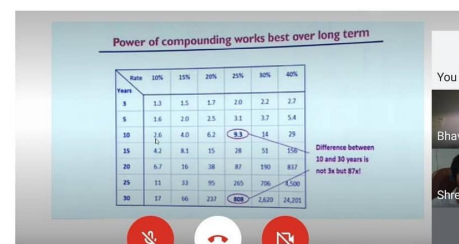


## POWER OF COMPOUNDING

*"Compound interest is the eighth wonder of the world.*

*He who understands it, earns it, He who doesn't pays it."*

-Albert Einstein



MIIC | REDEFINING POSSIBILITIES

## THE POWER OF COMPOUNDING

The more frequently your money earns interest, the faster and bigger your balance will grow

MAY 26, 2020  
6:00PM  
SPEAKER: BHAVIK PATEL

Talk by a finance enthusiast, budding mechanical engineer and co-author of the blog - BusinessResearch4you

## GREEN INITIATIVE

Climate change is real and one of its cause is the cut down of green cover. We all know that every organization has its own responsibility to fight with climate change. From the beginning of the MIIC, it is very serious about their role in this global fight against global warming and its impact on our campus.

To fulfill our commitment on 2nd October, 2019, The 150th birth anniversary of Gandhiji, MIIC has taken a green initiative of planting **one sapling for each successful event organized**. One of the motives is to promote the eco friendly innovation in campus. Under this initiative, different types of sapling were planted like Mango, Anjer, Aasopalav, Chikoo etc. MIIC believes that this small spark in our campus will spread to the each and every corner of our college. Along with this, it will educate many student about their role towards environment safety.

## MINI LIBRARY

We all know that books keep inspiring and are the best friends of the humans. Understanding the importance of book reading, MIIC is about to start a mini library initiative in which a **physical mini library** containing books ranging **from Mechanical Journals, Diverse Subject Books to Entrepreneurship Books** will be set up in the Mechanical Dept. We are very happy to accept book donation, if anyone wishes. We strongly believe that your contribution and our effort must create a small impact in the life of students who are future of the nation.

In this initiative, MIIC also announces a digital initiative. **MIIC's Digital Library** will be made where the students will able to find all academic stuffs ranging from Study Notes to Engineering Books at one location on your mobile phones at one click.

## TECHNICAL CLUB

Giving students more technical and practical exposure, MIIC is announcing the include of Technical Club initiative where **technical and industry problem solving will be encouraged**. This will give students a technical support and experience of project team working.

### Objectives:

- To create the community of technical enthusiast, where they will help each other in learning journey.
- Trying to bring the resources of technical assistance including their soft skills. This will lead to create some exiting innovation in campus.
- To encourage the innovation and entrepreneurship culture in student and support the innovation of student.

# MIIC | Redefining Possibilities

## FINANCIAL STATEMENT 2019-20

FUND SOURCE	FUND EXPENSE
₹4526 : Students' Fund	₹4500 : Industrial Visit Transport Rents
₹1000 : Contribution by AB Pandey Sir	₹350 : Official Letters & Document Prints
_____	₹500 : Guest Felicitation
<b>₹5526 : Total Fund</b>	₹250 : Encouragement Gifts (Students)
_____	₹700 : Courtesy Gifts (Collaborations & Associations)
	₹350 : Miscellaneous & Other Operational Expense
	_____
	<b>₹6650 : Total Expense</b>
	_____

Left Over Funds = Total Funds – Total Expense  
= ₹5526 – ₹6650  
**Left Over Funds = ₹ (-1124)**  
= Status: **Negative Funds\***

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\*The Negative Funds are contribution by Team MIIC and thus losses are compensated to Net Zero.





# FUTURE PROSPECT OF MIIC

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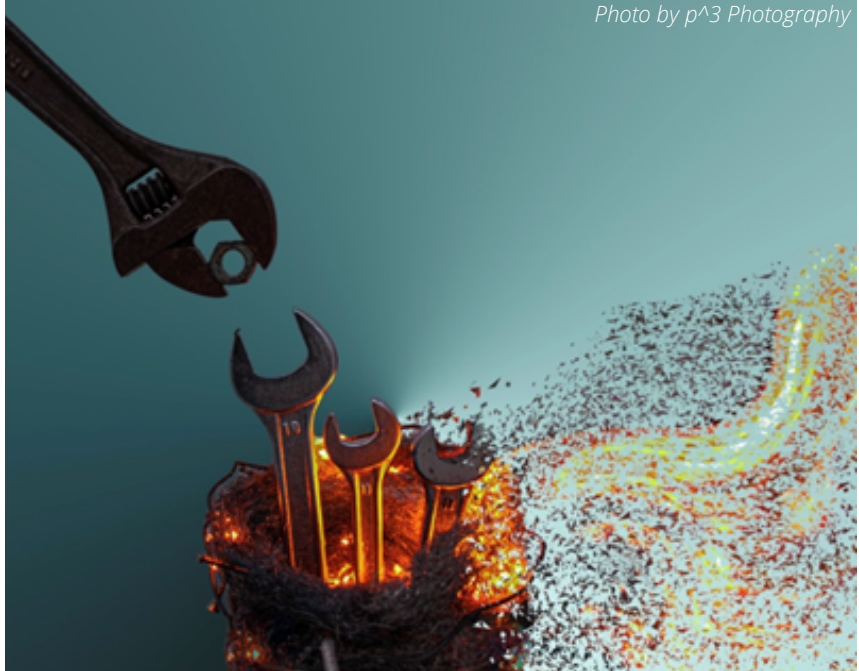
Today, we stand proud as Team MIIC to have found a noble initiative which will serve the purpose of creating skilled and capable Mechanical Engineers for many years to come in future from the prestigious The Maharaja Sayajirao University of Baroda! We are glad to announce the successful completion of **MIIC's first founding year**. This wouldn't have been possible without the unconditional support of around 400+ students of the Mechanical Department.

This is just the beginning. MIIC holds the potential to create quality and experienced Mechanical Engineers which the Industrial Economy of today is demanding for! It's a very happy moment for us that many departments too have initiated such idea and working on it.

Thus, a huge opportunity awaits for a **development of network** which can connect every student with industry and this chain can give exposure to the students not only limited to a particular college but can be beneficial to other colleges too which can provide technical knowledge along with knowledge of vocational skills. Thus, MIIC will surely work on to tap this big opportunity for the betterment of the students' community.

# C O V E R S T O R Y

## REDEFINING POSSIBILITIES



The beautiful picture on the cover page defines it well. How? I'll tell you.

If we try to see differently to the picture, it seems that spanners lying in the old jute bag are urging to grasp the nut into their non-adjustable arms and get back to their work. But unfortunately, they are not getting work because they are being replaced by an adjustable wrench, which has adjustable arms and has the ability to do the job of too many spanners single handed. Picture clearly depicts that spanners are losing their significance due to the innovation in their field of work and are fading away from the show.

Applying same analogy to human life and technology, one need to be adjustable and should have adoptable nature in the context of their field of work. In this era of very fast technological developments one need to constantly upgrade oneself with the latest innovations taking place in their field of work and increase their work potential, otherwise he/she seems to get fade away from the show of life.

So in short, to be compatible with new challenges of life, one needs to increase and update his/her maximum work doing possibility. This conclusion of above discussion is the motto of MIIC and is the clear definition of its tagline, which is "**Redefining Possibilities**".

(Written by **Parin Shah**, Final Year Mechanical Engg, FTE MSU)

# STUDENT CORNER

## CONTINUOUS IMPROVEMENT WITH A POSITIVE ATTITUDE TO ACHIEVE THE ULTIMATE GOAL

I am fortunate enough to be born in India. India, as a young nation is the hub of talent. Despite lot of problems and diversities, India stands united and exemplary globally. One of major problem that we are facing is our stereotypical education system (which is about to change fortunately after 34 years!). If you want to change the system, first change yourself and then be the change that governs the human kind in a positive direction.

MIIC is such positive change in right direction, a innovative thought for changing ourselves as well as the system. It is a conscious move to strengthen the subconscious minds of students in order to build an attitude for corporate. Nobody is perfect but through MIIC we are trying that a portion of it can surely be achieved. Nothing is impossible that you can't do it, just you need is **continuous efforts in right direction**.

MIIC and Training & Placement Cell are in constant efforts, one to improve '**you**' and other to encourage the '**improved you**'. They just need is your continuous support and belief in them. Don't be afraid of this pandemic because nothing is permanent in this world. Keep yourself updated with the recent advancement and improve yourself.

Let's keep in mind that the ultimate goal is to have peace, prosperity, and value addition to your life as well as in someone else's life too. And that's what exactly MIIC is doing. Industries and Corporate are not only looking for technical knowledge but also looking for **human values**. The world never remembers everyone. Let's be an important contributors to the progress of India and society. I heart fully thank MIIC for the opportunity to showcase my skills and to enhance them by working for the students of the Mechanical Department. I, as an Industrial Affairs Coordinator at MIIC and the whole Team MIIC will always be there for the betterment of students.

(Written by **Kishan Parmar**, Industrial Affairs Coordinator  
at MIIC and T&P FTE MSU)

# હું ઁજનિયર

વાત કરું હું મારી, અને મારા સહભાગીઓની  
ઉચ્ચતર માધ્યમિક પાસ કર્યું, અને લીધું ઁજવ્યરિંગ  
કોલેજ માં મૂક્યો પગ, અને જોયા સપના અનંત  
પહાડ ભાંગી પડે તેટલો જોશ, અને કઈક કરી બતાવવાની  
આશા

વિત્યો સમય, અને થઈ પોતાની જાણ  
હતો ઁ આળસું, પણ બતાવે પોતાને જુગાડું  
અને ગર્વથી કહે, હા હું ઁજનિયર

લેકચર ભરે ના ભરે, પરીક્ષામાં પાનાં તો અધડક ભરે  
ઁજ ઁજનિયર,

લેબમાં કઈ કરે ના કરે, પ્રયોગ પોતાના જીવન પર ખૂબ કરે,  
ઁજ ઁજનિયર

ઁજવ્યરિંગ સીખે ના સીખે,  
ચાર વરસમાં ફિલોશોફી જરૂર સીખે,  
ઁજ ઁજનિયર

અને હદ તો ત્યારે થાય જ્યારે પોતે,  
છોકરી પટાવતા આવડે ના આવડે,  
પણ બીજા ના સેટિંગમાં સલાહ ઁજ પહેલા આપે,  
હા ઁજ ઁક મેકેનિકલ ઁજનિયર.

(Written by **Parin Shah**,  
Final Year Mechanical Engg, FTE MSU)



## સ્થિતપ્રજ્ઞ

રોજ આપણને ઘણા માણસો મળે છે , ઘણા આપણી આજુબાજુથી પસાર થાય છે. તે માણસો કાં તો અજાણ્યા હોય છે કાં તો આપણે પહેલેથી તેને ઓળખતા હોઈએ છીએ. આપણે તેની સાથેની વાતચીતથી અને તેની પ્રતિક્રિયાઓથી તેને વ્યાખ્યાયિત કરીએ છીએ. તે માણસ નો સ્વભાવ કેવો છે તે નક્કી કરતા હોઈએ છીએ. તે માણસને શુ ગમે છે કે શું નથી ગમતું. પણ ઘણીવાર એવું બને છે કે જે માણસ આજે ફાસ્ટફૂડ નો વિરોધી હતો પોતાના સારા સ્વાસ્થ્ય માટે કાલે તે માણસ જ ફાસ્ટફૂડ ખાતો હોય . આપણને અજુગતું લાગે પણ કદાચ કાલે તેની પાસે પૈસા નહીં હોય એટલે ના પડતો હશે અને આજે તેની પાસે ક્યાંકથી રૂપિયા આવ્યા હશે તો તે ફાસ્ટફૂડ ખાય છે. તો એવું કેમ થાય છે ? જે રીતે કોઈ સમતલમાં બિંદુને વ્યાખ્યાયિત કરવા માટે તેના બે ચામ જરૂરી છે. તે જ રીતે કોઈ માણસને વ્યાખ્યાયિત કરવા માટે તેની સાથે સંકળાયેલી પરિસ્થિતિઓ જાણવી જરૂરી છે. જેમ જેમ પરિસ્થિતિઓ બદલે તેમ તેમ આ બદલાવ ની સંપૂર્ણ અસર તેની માનસિક પરિસ્થિતિ માં પડે છે. જે તેની પ્રતિક્રિયા દ્વારા આપણે જોઈ શકીએ.

એટલે તમને જો કોઈ માણસ સાથે સારું ભળતું હોય પણ જો તે માણસ તમને કોઈ રીતે દુઃખ પહોંચાડે તો તમારે એનાથી દુઃખી થય પેહલા એની બાજુથી પણ વિચારવું જોઈએ કે તેની માનસિક સ્થિતિ શું હશે કે જેથી તેને એવો નિર્ણય લીધો. જો આપણે તેની વાતોથી દુઃખી થાય તો તે દુઃખ ગુસ્સામાં રૂપાંતર થાય છે અને તે ગુસ્સો આપણે. બીજા પર ઉતારીએ છે જેથી તે બીજો માણસ આપણી વાતોથી દુઃખી થાય છે અને આ સાંકળ આગળ વધતી રહે છે. પણ જો આ સાંકળ રોકવી હોય તો તેનો રસ્તો છે સ્થિતપ્રજ્ઞતા. ભગવદ ગીતામાં શ્રી કૃષ્ણે કહેલું છે જે માણસ દુઃખ માં પણ શાંત હોય છે અને જે સુખની કામના નથી રાખતો , જે માણસ ની બુદ્ધિ સર્વ પરિસ્થિતિ માં સ્થિર રહે છે તે સ્થિતપ્રજ્ઞ છે. આપણું જીવન એ સારા આદર્શોથી ઘડેલું અજોડ રહેવું જોઈએ. આપણને બીજાની વાતોથી કંઈ ફેર પડવો ના જોઈએ અને જો એવું થશે તો આપણું આ જીવન સરળ થઈ જશે. આ વિષય પર ઘણી વાતો શક્ય છે પણ સમય મર્યાદા ને ધ્યાનમાં રાખતા એક કડી દ્વારા મારી વાત ને વિરામ આપું .

“આંસુની ભીનાશ અને હાસ્યનો કલકલાટ તો સસ્તો છે,  
સ્થિતપ્રજ્ઞતા એ સરળ જીવન જીવવાનો એક રસ્તો છે.”

(Written by **Nimesh Makwana**, Third Year, Mechanical Engg,  
FTE MSU and Writer at Gujarati Pratilipi)



*Photo by p^3 Photography*

## **MECHANICAL ENGINEER : THE WAY AHEAD**

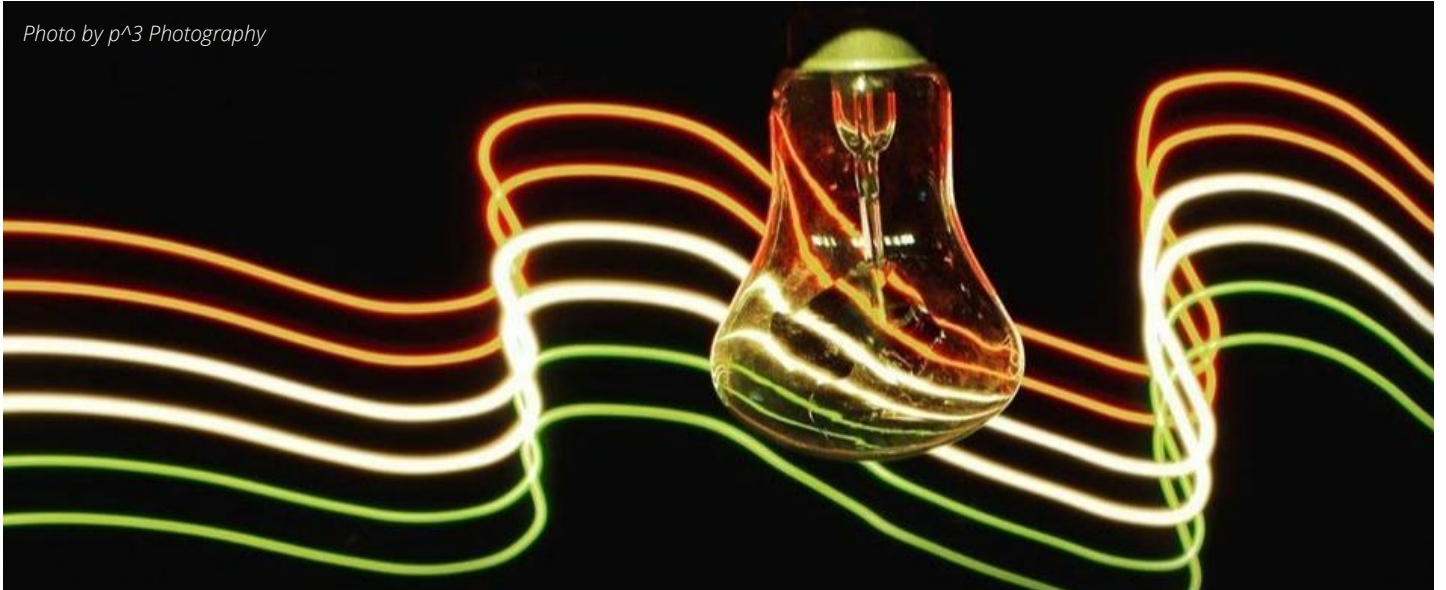
Congratulations to the whole team of MIIC and all the Mechanical Engineering students for their determination and continuous efforts for doing something better for all the students. The sole aim of this group is to make students aware of the industrial scenario and train them in such a way that at least they can face any interview on their own and stand different from others. There was a significant decline in the placement numbers of the department last year and it was like a warning bell for all of us. But we can change the whole scenario with some precautionary steps.

There are plenty of resources for anything you want to learn, just **keep that spark in you to explore it**. You will also find different kind of societies or organizations around you, at least try to get associated with any of such platforms, take responsibilities, and understand your area of interest. Make your career goal clear by utilising this duration and prepare yourself for the difficulties lie ahead. Many of you would be afraid about your role in the world which is becoming more and more digital and advanced day by day, but don't let these things make you anxious. Follow your goals, maintain your routine, and take advice from anyone who you feel could properly guide you. Start gaining knowledge of programming, automation, and various other technical terms. **As in the future, we just don't have to screw but we should also know how to screw virtually**. Just keep in mind that you still belong to a great legacy and now it's your turn to sustain it. Keep learning. Stay united.

*(Written by Shivam Rana, Coordinator at T&P and Paramarsh'20, FTE MSU)*

# HOW CAN WE REVOLUTIONIZE INDIA THROUGH GOVERNMENT SCHOOLS?

Photo by p^3 Photography



What can transform India? How can we reevaluate our strengths? How can we redefine the opportunities?

Resource Management may perhaps be the best tool to solve a problem but sometimes its necessary to rather change the perspective of the problem. The phrase "**Demographic Dividend**" is what India has and it is the one that has potential to make us earn highest returns, if utilised in an optimum sense. India has over 40% of population between the age group of 0-18 years but what if out of this, 3 million children live on streets; what if out of this 150 million children work as bonded labours; despite having over 15 lakh schools, what if 50% of them are illiterate; despite have national education policy which provides free education, what if 50% didn't have access to education! The statement "**Children are future of the nation**" **stop making sense then!** Despite having one of the largest school network and primary education as thrust, we are lacking in investment, investment in young class and through investment I am not talking of just finances. One of major investment is nurturing them. Thus, Government Schools comes as a major lifeline for transformation. Why is it so?

India contains 60% of its population as middle class and 20% living in poor class. There are 300 million people who didn't read the newspaper that they deliver, didn't able to sit in car they clean, or send their children to the school that they help build. **Poverty is not just about lack of finances but its too about productivity which is about infrastructure of opportunities and India lacks richness because we are inadequately formalized, inadequately financialised, inadequately urbanized, inadequately industrialize and inadequately skilled.** Now, let's think what if this all can become energy for transformation? Here is where Government Schools can play a huge role.

Continue...

We have around 65% students studying in government schools and numerically this number is embarrassing because only 7% Japanese whereas only 14% Americans study in Private Schools. In contrast, in India more are shifting to private schools seeing better value for money and better teaching. Where Private School gains 17 million students, government schools are losing 13 million students, in spite of families bearing financial burden. In last 20 years, reforms have been done but in terms of teachers salary and small class size but none gave improved learning results. We think government schools to be stereotypical where lower middle class and poor class children study, where there are no toilets, no principal, one teacher, yearly scholarship and midday meal, that's all. That's need a change. Something is going wrong in the way.

There are few issues which need to be addressed and thus tapping this can in turn give huge dividends, fairly unimaginable. **Firstly**, we should have to stop believing that we can fix government schools just by throwing money. 80% of public expenditure on education is spent on teachers yet negligible results. Instead we need to focus on two most important issues: Performance Management and Governance. **Second**, we need coupling between policy makers and ground service providers which understand the need better. Thus, representation of Teachers, Parents and NGOs become essential in framework. **Third**, analysing the present situation, merging of government schools has become necessary. Instead of having limited resources in four schools we can have a complete package in one. **Fourth**, transforming them to sports hub centres can attract students as well as parents as well as investors. **Fifth**, millions of students drop-out in between of their education. The main reason is being lack of financial condition, so young children are forced labour which is very disappointing. And this COVID-19 Pandemic will be disaster in the case. Millions of children are unable to eat nutritious food to which midday meal in government schools was providing a better option. Thus to ensure that this don't become reality the government must be accountable for its fulfilment which indirectly reduces the burden and in turn youth can be more divertible to growth.

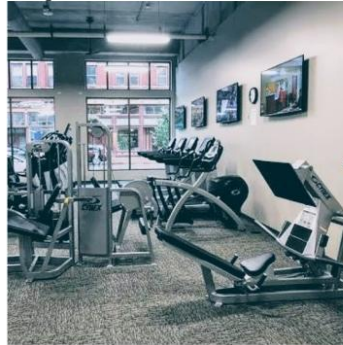
We have seen positive results and improved statistics in Delhi after redefining its government schools and its impressive. *"Philosophers have described the world in thousands of ways but the point is to execute the change!"* We need to stop seeing government schools as step child. The gap between India's reality and our aspirations is not a lie but is a disappointment and that's what we need to bridge. **Equality of opportunities depends on infrastructure of opportunities and its not just roads, power or network but its Education, Employment and Employability** which can transform and revolutionize Indian youth and India to an unimaginable outlook, just we need a change in ours, as the world is changing by examples, not by opinions.

(Written by **Samkit Kothari**, Founder & Head Coordinator at MIIC  
and Former DR at Mechanical Dept, FTE MSU)



# MICROGYM

To get physically as well as financially fit



What is

## MICROGYM CONCEPT

- It is a Concept in which gym's Equipment will produce electric power itself from exercise done on it.
- Human work is converted into electric power by means of AC Motor.
- Generated power will be available to save karo n battery or will directly go to main grid system.

In this concept Mechanical work is being converted into Electric work by means of AC/DC Motor, which is connected with the all different equipments.

All EQUIPMENTS will be connected in parallel, so that larger voltage output can be obtained.

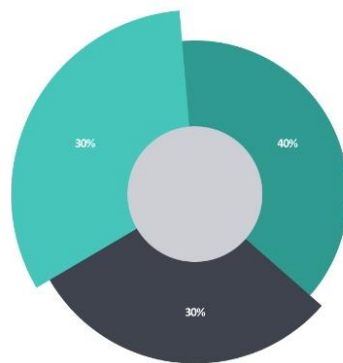
### REGULAR GYM EQUIPMENTS

- Regular gym runs on electricity mostly.
- Many equipments converts mechanical work into heat, and lose it into friction, hence all the work done get wasted.
- Regular gym equipments are costlier



### MICROGYM EQUIPMENTS

- Microgym equipment generates energy which can be used to run gym's Lights.
- Microgym equipments can produce higher voltage by arranging them in parallel.
- It is one time investment, and generated electricity can save



Treadmill Cycling

Equipment's

## GENERATED ELECTRICITY

From chart it can be seen that most of the energy is produced by converting work which is done by all weight lifting equipments, generally 40%. Treadmill can also be used to generate electricity by connecting motor shaft with treadmill's belt; generally of 30%. Cycling is also efficient power producing equipment, can generate upto 30% of total power.

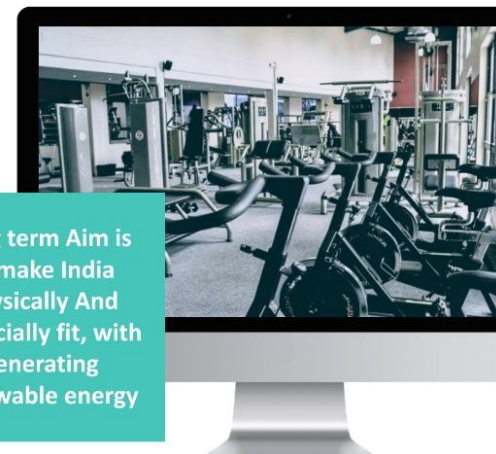
These are some main power producing equipments, which can generate power efficiently

Future Aim

## PROFIT FIRST

What if you never worried about having enough cash to pay your staff? What if you took home a regular paycheck from your gym? What if you could help people get healthy physically and be financially healthy yourself?

Long term Aim is to make India physically And financially fit, with generating renewable energy



(Written by **Jay Panchal**, Operations and Design Coordinator at MIIC, FTE MSU)



## HAPPINESS WITHIN US!

Happiness! What do you mean by happiness? Some of you might mean that if I have a big bungalow, have many cars, pretty life partner, and many more desires or students might think that if I get good result, I will have a blissful and happy life. But is it the real meaning of happiness? Perhaps No. Rather this is our general misconception that those things make us happy.

In real way, the happiness is **broader concept and it is within us**. As Sadhguru says happiness is basic requirement of our lives, it should not be goal of our life. We, human beings, are always focus on materialistic objects to be happy. Of course, those things make us happy or satisfied but that happiness or satisfaction is temporary, it does not matter in our real happiness. Dr. Laurie Santos, Professor at Yale University, has described what is real happiness? Why do we run behind those things which do not matter in our happiness? In her lecture series “**The Science of Well-Being**” and also in her podcast “**The Happiness Lab**”. She has described researches done by some fellows regarding happiness. She described that it is annoying features of mind that we run behind temporary happiness. We think in terms of future likeness of those things or we make some reference point to decide our happiness level like our neighbor or friend, as well we don't realize that our minds are getting used to those stuffs. That means if we get expected marks or more than expected or even less than expected marks, we are going to be used to it and will not deviate our actual happiness level. So, our prediction is wrong that more marks make us happier. So, what can we do?

Can we achieve happiness? Yes, we should **change our reference point** as well invest our time and money in those things which makes actually happier. For example, research shows that the time or money spent into new experiences, e.g. camping; give more happiness than spent in buying new stuffs. Also spending money for someone make us happier than spending for us. As well exercise, meditation, kindness, enough sleep, having gratitude, good social connection, doing works (our strength), having growth mind-set boost our happiness level.

So, we have to make habit of those processes to be happy and also make happy. So, we should invest our time to those things that makes us actually happy rather than to run behind those things that brings temporary happiness!

(Written by **Chirag Gohil**, Third Year Mechanical Engg. and Coordinator at NSS, FTE MSU)

# યાંત્રિક યંત્રશાસ્ત્રીઓ



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આપણે Mechanical Engineer ને ગુજરાતીમાં કહીએ તો યાંત્રિક શાસ્ત્રી કહેવાય. એક યાંત્રિક શાસ્ત્રી પાસે જીવ જગતનુ બધુ જ જ્ઞાન હોય છે, કોઈક વાર આધુનિક દુરભાષ યંત્ર (Mobile) માં ગેમ રમતો અને એમાં જ્ઞાન પિરસતો હોય તો ક્યારેક ભાઈબંધો ભેગા થઈને ગપ્પા ઠોકતા હોય. અને એમાં ક્યારેય કોઈ યા ના બંધાણી હોય તો આખી પલટનને યા પિવા લઈ જાય.

કોઈક વાર વર્ગખંડમાં ભણતા હોય તો કોઈક વાર મહાવિદ્યાલયમાં શાંતીથી ગોઠણ વાળીને મોજ કરતા હોય. તો કોઈક વાર પ્રયોગશાળામાં ઉભા ઉભા શિક્ષકનુ ભાષણ સાંભળતા હોય. એવામાં જ્યારે શિક્ષક થોડા દુર થાય એવા તરતજ અપલખણા (મસ્તી) કરવાના ચાલુ થાય. **જો તમે યાંત્રિક શાસ્ત્રીઓના દક્કતર તપાસો તો તમને પાટી-પેનની જેમ એક બે ચોપડા અને બીજા પાસેથી માંગેલી ઢાંકણા વગરની પેન જોવા મળે.** જો કોલેજમાં કોઈ જલસો (પાર્ટી) હોય અને તમને કેટલાક લોકોનુ ટોળુ અલગ જગ્યા પર નાચતુ દેખાય તો સમજવુ કે નક્કી આ યાંત્રિક શાસ્ત્રીઓ જ છે. અને એમાં પણ કોઈ માદા જાતીની આસપાસ અમુક નર જાતી નુ વિશાળ જુથ દેખાય અને તેમાં ગાંડાની જેમ નાચતા નર દેખાય તો નક્કી એ યાંત્રિક યંત્રશાસ્ત્રીઓ જ છે.

યાંત્રિક યંત્રશાસ્ત્રીઓ મોટાભાગે બધાજ **ક્ષેત્રનુ જ્ઞાન** ધરાવતા હોય છે. અને બધીજ બાજુ પોતાના સંપર્કો હોય છે. યાંત્રિક યંત્રશાસ્ત્રીઓ ની એકતા આખા મહાવિદ્યાલયમાં પ્રસિદ્ધ હોય છે. અને જો બધા યાત્રીઓ યંત્રશાસ્ત્રીઓ એકસાથે રણકાર કરે તો ધરણી ધ્રુજાવી નાખે. આમ તો યાંત્રિક શાસ્ત્રી એકલો ના દેખાય તે પોતાના ટોળામા જ હોય. ક્યાંય કોઈક કાંડ થાય તો તરતજ આખુ ટોળુ ત્યાં પહોંચી વળે. ભાઈબંધીની સાચી વ્યાખ્યા શિખવી હોય તો આમની પાસે જ શિખવા મળે. યાંત્રિક યંત્રશાસ્ત્રીઓ ની મહાવિદ્યાલયમાં કંઈક અલગ જ છાપ હોય છે. ચહેરાની ચમક અને ચાલવાની રળિયામણી ચાલ અને મધુરતાની મહેક છલકાવતી મીઠી વાણી (સામાન્ય રીતે મુખ પર તો મિત્રો પ્રત્યે તો પ્રેમની કટુ વાણી જ નીકળે છે)

યાંત્રિક યંત્રશાસ્ત્રીઓ નુ હૃદય અનેક ગણા ભારથી ભરાયેલુ હોય છે. **હંમેશા ચહેરા પરના સ્મિતની પાછળ ઘણા-ખરા સપનાઓ હોય છે. માં ની આખ માં દેખાતો પ્રેમ અને પિતાના નિ:શબ્દ સ્વરૂપ સપનાઓને સાકાર કરવા માટે એક યાંત્રિક યંત્રશાસ્ત્રીનુ હૃદય ધબકતુ હોય છે.**

”

(Written by **Aakash Kavaiya**, Founder at Science Portal,  
Database & Students' Relation Coordinator at MIIC and T&P, FTE MSU)



# સમાચાર પર કટાક્ષ!

(Written by: **Darshit Thummar**,  
Mechanical Engg., LD College of Engg,  
Ahmadabad)

“કોણ ડાહ્યું ? કોણ ગાંડું ? ”

Reporter 1:- " ગાંડો કેટલો ડાહ્યો ? "

Reporter 2:- " ના, આ સવાલ ખોટો છે. આને આમ કહીએ તો એ બરાબર કહેવાય, "ડાહ્યો કેટલો ગાંડો? "

આ વાત ચાલતી હતી ત્યાં એક ગાંડો ત્યાંથી પસાર થતો હતો અને આ બેયની નજર ગાંડા પર પડી. આ બંને તેની પાસે ગયા અને એને પૂછ્યું, " તું કેટલો ડાહ્યો ? "

ગાંડો કહે , "હું કાંઈ ગાંડો થોડોક છું તો કેટલો ડાહ્યો એમ પૂછો છો. હું તો પૂરેપૂરો ડાહ્યો જ છું."

હવે આ જવાબ પરથી Reporter 2 એ Reporter 1 ને કીધું કે, " જોયું ને આ સવાલ જ ખોટો હતો એટલે એનો જવાબ પણ ખોટો જ મળ્યો. "

હવે બંને એક ડાહ્યા માણસ પાસે ગયા અને એને પૂછ્યું , " તું કેટલો ગાંડો ? " ડાહ્યો માણસે હસીને કીધું, "ગાંડા માણસો સાથે હું મારા ડાહ્યાપણાની ચર્ચા કરું એટલો તો હું ગાંડો નથી જ! "

હવે તમે જ કહો કે બંને Reporters એકબીજાને શું કહેશે? જો તમે આ પ્રશ્નનો જવાબ આપવા માટે વિચાર કર્યો હોય તો તમે જરાક એ વિચાર કરજો કે તમે કદાચ ગાંડા તો નથી ને ! કારણ કે આપણા દેશમાં News ની આવી અર્થરહિત અને વ્યર્થ ચર્ચાઓએ આપણી બુદ્ધિને વિકસવા જ નથી દીધી.. Media આપણે જે દિશામાં વિચારવું જોઈએ તે તરફ ન લઈ જતાં એના સ્વાર્થ માટે "વાતનું વતેસર" બનાવીને આપણી બુદ્ધિશક્તિને બગાડી નાખે છે. રાજકારણીઓને વ્યર્થ ચર્ચા કરાવે અને એકબીજા માટે વિરોધ પ્રદર્શન કરવા માટે પ્રેરે અને આવી બુદ્ધિ બગાડનારી ચર્ચાનું જીવંત પ્રસારણ દેખાડી પ્રેક્ષકોને એવા ભ્રમમાં રાખે કે તમે ભારતની શ્રેષ્ઠ channel સાથે જોડાયેલા છો !

આપણે કોઈ દિવસ આપણા બુદ્ધિ પ્રામાણિકતાથી વિચાર કર્યો છે કે આપણે ખરેખર કેવા સમાચારની જરૂરિયાત છે ? આ માટે જરૂર છે સૌપ્રથમ આવી ભ્રમક માધ્યમોથી દૂર રહી વિચાર કરવાની કે હું કદાચ આવા reporter નો શિકાર તો નથી ને કે જેને પોતે શું છે એ ખબર નથી અને મને પૂછે કે હું કોણ?

be  
yourself

## BEING PRACTICAL

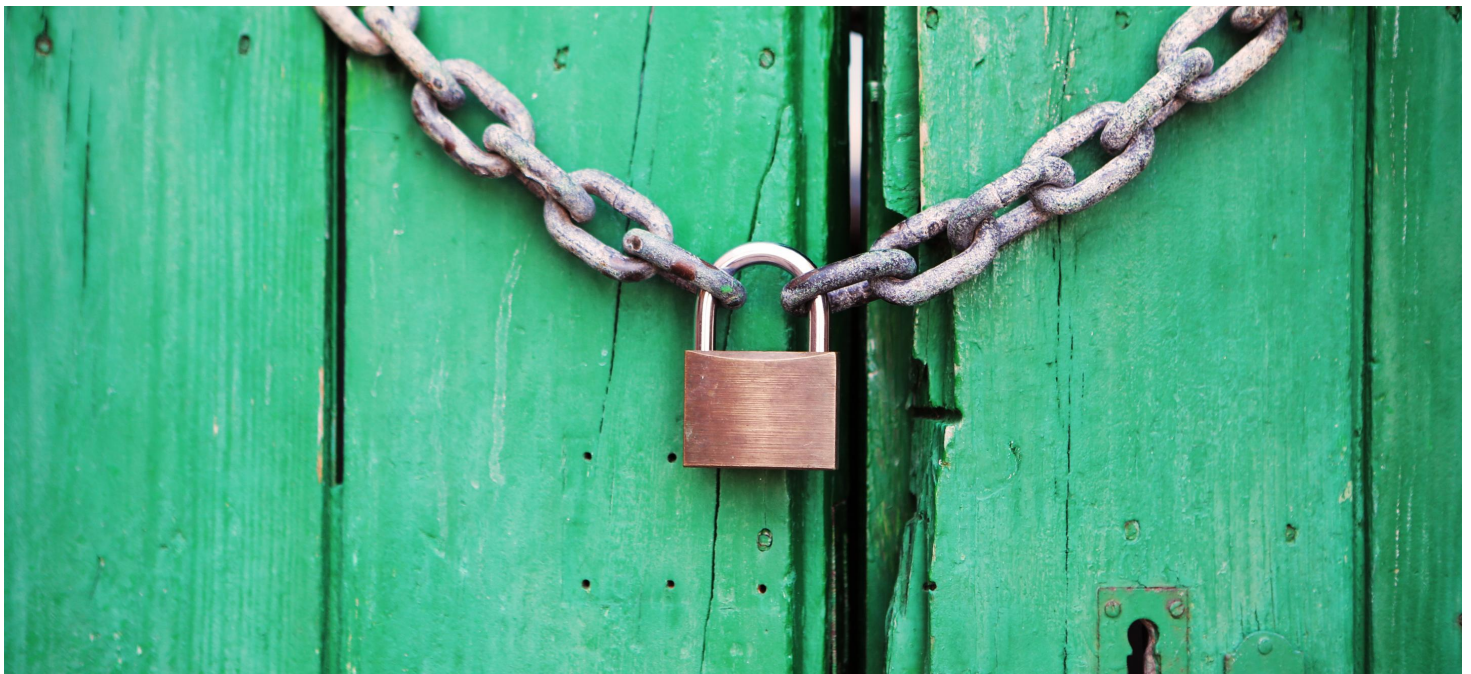
(Written by: **Divyesh Parmar**,  
Final Year Mechanical Engg, FTE MSU)

In this time of lockdown, during which most of the people are trapped inside the house. Due to this many things have changed in our life. We tried many things to spend our time with, like watching TV, playing games, family time, and lastly online learning as well. Now-a-days most of the time, we are online on social media, and you know social media is a powerful tool, so use it carefully.

I just want to say Be Practical. **Don't run with the flow rather use your mind** to find out what is going on and the truth and you might be knowing, that is the main difference between us and animals!! On Social media, most of time we can just see only one side of the coin which has been a trend for a particular time. Just don't conclude anything blindly, by doing this, maybe you are spreading the wrong information. This is an era of social media where your single comment or a share can change all the stuffs. Don't judge anybody by one post or his one fault. We all make mistakes and nobody is perfect in life.

Nowadays, we judge anyone quickly and it is human behaviour to do so. Just remember that everyone has their own life and luck. We all believe that the law of karma works, then why we don't apply it for all of them. There may be a different situation where he is enjoying his virtue. Before judging anybody, just do one thing put yourself instead of that person and think for a while. Think practically.

Think pros and cons of the situation whenever you need or when you are confused. Before making any critical decisions; whether you should do it or you shouldn't. Just try this technique. Think about the plus effects of that decision and on the other side minus effects. **You can see which is a better option and even confused then follow your heart.** This can change the things for you!



# FROM CLOUDS TO *Rainbow*

“

Hey, all of you would have had a tricky Quarantine. Maybe you have learned something, maybe you have enjoyed something. Someone would have gone through dislike, sorrow, quarrels & many more during that time. It was just an unpredictable time. Maybe it's an act of God to show us the limits to mankind or else. But yes, one important point we all know there are huge losses for peoples. Many had lost their job, many had encountered huge losses. Many start-ups have been collapsed, Many schemes, many plans have been disrupted and since again from now the things are looking totally unpredictable. Most people are living with the worry that – **What Next?**

It's totally like you are surrounded by dark clouds & then there comes a generation of the most powerful monster & that is - Depression. The point is, saving people from this monster. It's ok that corona patients are now recovering with a great number. But if a person who has been encountered into depression then it is very difficult to cure that. My concern to everyone who reads this article is that just never ever worry, never let this monster come into your life. It's ok to share your worries with your friends, relatives; loved ones even if you share your worry to the stranger then too there will be some relief from it.

**There is sunshine after every storm. There is a day after each night.** Things take time. There will be an end of pandemic. There will be a good time. There will be a time when we all will live a normal life, not today than probably tomorrow or maybe after a few months. Sikander, whose sturdy nature was too changed in India. Again time will be changed.

It's time to ask yourself, how I will stand up again when everything will be fine. It's the time for preparation for making yourself the best. **Transforming yourself into the best version of yourself.** Don't Stop here, this situation will be change but in the future at any time in your journey whenever you feel like giving up, felt down keep a single thing in your mind: "There will be time when you lose love, lose your friends, lose in fields of your achievements, lose the pieces of your life that you can never imagine; rather just believe in yourself & give your full to that and you will find every piece that you lost will overcome. True friends, pure love comes into your life and in the end a stronger, successful & better version of you will be in front of the mirror."

So, **change your perspective towards the situation**, find the right direction and find out your beautiful rainbow from the clouds. Have a nice journey and Hope for the best. Let's fight these together, soldiers! Just from Clouds to Rainbow!



(Written By **Kaushik Goshwami**, Execution Coordinator  
at MIIC & T&P, FTE MSU)

# LEADERSHIP ENGINEERING



It's strange when I found that majority of people, 8 out of 10 people don't talk about Leadership but 8 out of 10 people actually put "Leadership Quality" in their Resume. Strange!

Leadership is an **apex quality** for an individual in any field that they choose but most people don't actually know what leadership is! I'm not an Engineer but I am learning Leadership Engineering.

What I observed is Managers are **metrics driven** whereas Leaders are **people driven**. What I mean actually? For Example; when I do something wrong, my mom and dad forgive me, it's because her love and care for me. She knows what I need and feels the empathy for the same. And this is what leadership is! Like your parents, they understand you, **leaders are same as parents**.

I have little experience of doing a job but I have seen the managers who asks for statistics and target driven person. They don't care why you failed and will never ask you the reason behind the failure, what are you suffering from; there comes empathy. I have seen successful entrepreneurs, political person, or any individual from any field who gave the first priority to the people rather than to the metrics have prospered. They will always ask you, How was your day? What problems are you facing? Goals of your life. They will treat as a friend rather than an employee which creates a difference.

**"Make Connections. Kabhi bhi kaam aa sakte hai"** v/s **"Make Connections. To help them in terms even though it's not my interest"** These both are two different statements. Perception problem. The first one conveys a selfish attitude and second one a helping attitude.

Leadership is what you can't learn in one day. If you really want to be a leader, first see your parents. Look how they care for you. Practice genuinely. Care for others. Try to feel empathy.

(Written by **Roshan Jain**, Digital Marketer from Ahmedabad)

# STUDENT TESTIMONIALS

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- Hey guys, first of all I want to thank all of you because whatever we've learned, it was your dedication and involvement in it in making us more productive. Thank you for all your efforts and initiatives. A big big Thank You and keep motivating us. ~ **Noman Charkha**
- The whole team is a very cooperative to each student and they think about all the students and try to keep coordination between practical study and soft skills also! It's been great experience. ~ **Harsh Mandaliya**
- In 21st century Knowledge is not sufficient to withstand in front of world also self confidence , courage and communication must require. MIIC take initiative to learn about it. All activities carried by cell have different lesson and experience. We are thankful to all coordinator of MIIC. I hope this work forward to our junior. ~ **Kushal Prajapati**
- Thank you Team MIIC for motivating us. Your efforts and initiatives worked great for us. ~ **Sachin Sali**
- It's the best innovative taken by our batchmates. ~ **Saurabh Desai**
- Great initiative, by our seniors to help us cope up with competitive world, hope we continue same way. ~ **Preet Vala**
- My experience is very good, they had put great efforts for improving our skills and knowledge. ~ **Pinank Tilavat**
- Taken Great Experiences From MIIC. ~ **Kaushal Dalwadi**
- It's awesome! ~ **Mihir Bhalala**
- MIIC is the best cell. I really appreciate your work and Thank you for always be there for us. ~ **Bhavin Makwana**
- Events held by MIIC team is very helpful to grow our communication skills. Its worth joining. Hope it continues the same way. ~ **Yash Patel**
- Every person needs motivation in each aspect of his life. Mechanical department students were aware of need of soft skills in their life but they were lacking motivation about the same. MIIC is the motivation for soft skills development and also the guide for the same. ~ **Parin Shah**



# STUDENT TESTIMONIALS

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- It's very good opportunity for every Mechanical Students to be a part of MIIC which really helped us to improve skills. ~ **Jayesh Khasiya**
- Hey MIIC, what a work you have done so far!!!! wonderful!!! Continue your legacy.  
~ **Vishwam Kaptan**
- You did good work for us. Through this we get many industrial visits that's more matter for practical knowledge. ~ **Jenish Hadiya**
- In pandemic we should arrange online interview practice. ~ **Rohit Jadeja**
- Very commendable initiative for the sake of students who get to opportunity to learn many skills.  
~ **Manan Sadariya**
- Best Platform for the Personal Development of Students with plenty of activities.  
~ **Zainul Bhaisaheb**
- MIIC is really wonderful and terrific, it is help to students to get and improve skills.  
~ **Hiren Mistry**
- Great initiative for Holistic development for students. ~ **Divyang Prajapati**
- Great experience with team MIIC. The concept and impression were amazing. Thank you for everything.  
~ **Chirag Gohil**
- Great work keep it up boys. ~ **Divyesh Barad**
- It was amazing. Hats off to you guys for putting in so much effort and organizing so many activities.  
~ **Harshad More**
- Great effort done by MIIC team and got much things to learn and improve.  
~ **Jay Yadav**
- Thanks for establishing such type of platform. ~ **Lomesh Vaghela**
- Industrial visits & activities performed under MIIC was extremely overwhelming & helpful.  
~ **Hiren Bhesaniya**

# TEAM PRATISHTHA

THE FOUNDING TEAM 2019-2020



SAMKIT KOTHARI

Founder & Head  
Coordinator



PRATHMESH JADHAV

Co Founder & Associate  
Head Coordinator



SHREY PATEL

Director, Strategy &  
Marketing



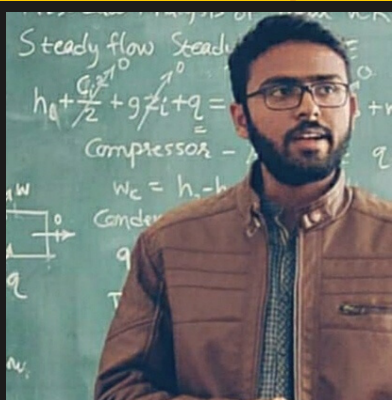
MEET PATEL

Treasurer and  
Execution Coordinator



AKASH KAVAIYA

Database and Students  
Relation Coordinator



JUZAR VAHORA

Execution Coordinator

# TEAM PRATISHTHA

THE FOUNDING TEAM 2019-2020



KISHAN PARMAR  
Industrial Affairs  
Coordinator

*Kishan*



BHAVIK PATEL  
Industrial Affairs  
Coordinator

*Bhavik*



RANJANA SRIVASTAVA  
Database Coordinator

*Ranjana*



KAUSHIK GOSWAMI  
Execution Coordinator

*Kaushik*



JAY PANCHAL  
Operations and Design  
Coordinator

*Jay*

# Team Pratishtha says....

“

Started with a dream which turned reality! MIIC is an unique kind of initiative which holds limitless potential and opportunities. The journey from starting it to nourishing it, has been a great delight. Yes, its been a year and I wish and strongly hope that its existence will contribute and prosper learnings for years to come.

~ SAMKIT KOTHARI  
(FOUNDER AND HEAD COORDINATOR)

“

Cooperation, fortune, approaching, inventiveness, persistency, smart work, leisure, recreation and pastime; I would like to thank MIIC for letting me comprehend the meanings of such words.

~ JAY PANCHAL  
(OPERATIONS AND DESIGN COORDINATOR)

“

I am very thankful to MIIC to give me opportunity to become a part of this organization. MIIC fill the communication gap between students and faculty members, students and company. MIIC provide very good platform to student for developing theirs skills and overall development. By becoming a part of this wonderful organization I learn how to work in a team and how to make event successful. Our college really needs this type of organization and MIIC will always be there for students. Overall my MIIC journey has been fantastic and I have learned a lot.

~ MEET PATEL  
(TREASURER AND EXECUTION COORDINATOR)

“

MIIC was an initiative.. providing value to all the students without any prior proven model was challenging task.. but it is said.. nothing is impossible if there is a dedicated team & yes we did it.it was a pleasure for me to work with this outstanding & supporting team.. I had a fabulous experience.

~ KAUSHIKBHARTHI GOSWAMI  
(EXECUTION COORDINATOR)

“

"If you have to bring a change, then be that change first "

Miic is a change that will sure help us to grow better !!

~ PRATHMESH JADHAV  
(CO-FOUNDER AND ASSOCIATE HEAD COORDINATOR)

“

It's rare to have a part of a great team. In my case it is MIIC. I have learned, explored, experienced, enjoyed a lot with MIIC. I don't have words to describe MIIC that I can feel. MIIC is one of the great parts of my college life. What we have done was all for the future of mechanical students and In return what I have received is lots of love, support, good memories, and some life lessons. In my view, this is the best team that can run any big organization successfully. Kudos to all 11 pillars of MIIC. MIIC was a thought which was beautifully executed by these 11 kudos. As thoughts never die means MIIC is forever. Thank you

~ KISHAN PARMAR  
(INDUSTRIAL AFFAIRS COORDINATOR)

“

I am a person who always worked alone. MIIC started in my third year and I was selected as a Coordinator. we were thinking about what to do and how to do. MIIC taught me how to work in a Team and the what are the difficulties comes in working in a Team. MIIC has taught me how to organize an event and how to make an event successful.

Working at MIIC I got to learn how the team plays an important role in any Events to make it fruitful. It is too difficult to handle any event alone.

We have to talk to the Manager / HR of the company when we are going to get an internship for the students. I did not have experience for the same. I got to learn how to talk to the company's manager / HR.

Overall my MIIC journey has been fantastic and I have learnt a lot.

~ AAKASH KAVAIYA  
(DATABASE AND STUDENTS RELATION COORDINATOR)

# Team Pratishtha says....

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I am glad that I have gotten the opportunity to be part of this organization. I always want to be the part of a revolution that solves the different problem exist ranging from lack of proper communication between teachers and students, lack of proper guidance from Senior to junior, and lack of a proper platform where a student can develop different skills. MIIC has provided me with this platform where I have developed a very important skill which will help me in my future journey. Specifically, I learn how to build an organization from scratch and how to approach different outcoming in government organization. This will help me In my entrepreneurship journey also.

~ BHAVIK PATEL  
(INDUSTRIAL AFFAIRS COORDINATOR)

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As a coordinator MIIC provides me to take a visionary stand for the beneficial of students. It provides me to manage daily routine which will be helpful during working in organization. It provides me a chance to appeal on behalf of all the members and also give me learning to work with a great team!!!

~ JUZAR VOHRA  
(EXECUTION COORDINATOR)

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At the start I wanted to be part of it just to overcome my fear of speaking Infront of someone who is not familiar to me... honestly speaking, I've learnt a lot...in GIDC I've seen bhavik approaching industries for internships.. then the first time when skit called and informed me about the meeting I got to know how it feels to be member...by all these experiences I've learnt how to approach someone...what is a responsibility of any leader... sometimes we had conflicts because everyone has different mindset but the goal was clear maybe that's why we've done this...and I'm really lucky to be a part of this great journey

~ RANJANA SHRIVASTAVA  
(DATABASE COORDINATOR)

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MIIC is still far from achieving everything it envisioned but building trust & ownership from scratch is not an easy job. I can vouch for the fact that the founding team - Team Pratishtha has achieved to build up the strong foundation of trust & ownership it requires to sustain this visionary initiative for years to come in future!

Being a part of this great journey was like winning a lottery on a mundane monday morning! I will cherish each and every memory of this journey while retaining some of the most crucial life lessons I learned with my team.

~ SHREY I PATEL  
(DIRECTOR, STRATEGY & MARKETING)



REDEFINING POSSIBILITIES

**MIIC**

MECHANICAL INDUSTRIAL INTERACTION CELL

**Mechanical Engineering Department,  
Faculty of Technology and Engineering,  
MSU Baroda**