

# MITRC



# College Daze



Changing the world by degrees...



**MODERN INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, ALWAR**

Approved by AICTE & Affiliated to RTU, Kota & BTU, Bikaner



## ABOUT COLLEGE

Modern Institute of Technology & Research Centre (MITRC), Alwar established by All India Arya Samajis Society for Advance Education & Research in year 2007 affiliated with Rajasthan Technical University, Kota, Bikaner Technical University, Bikaner and approved by AICTE, New Delhi. MITRC is determinate to provide the world class technical education to produce competent and versatile professionals to build a strong and developed nation and establish itself as a leading institute. We encourage healthy competition to enable our students to find a place in today's competitive world.

### Vision



**MITRC** aims at motivating & directing the engineering minds of the young students to become the trendsetter in developing, shaping and preserving society and the world at large.



### Mission

**MITRC** emphasizes on all round development of its students. It not only aims at equipping the students with the latest Engineering skills & knowledge to successfully meet the challenges posed by globalization, but also wants to make them good & worthy citizens of this great country aiding it in its overall progress and development.

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## Disclaimer

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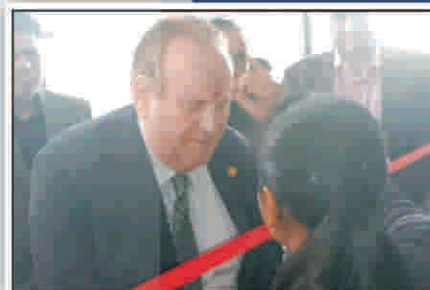
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Bus Expo



13-14

Invincible  
T-19



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International  
Seminar



Mr. Rahul Bhattacharya  
Asst. Professor

Department of Applied Science & Humanities (Eng.)

It gives us great pleasure to bring you the thirteenth issue of College Daze, the college magazine of MITRC. The name and fame of an institute depends on the caliber and achievements of the students and teachers. The role of a teacher is to be a facilitator in nurturing the skills and talents of students. This magazine is a platform to exhibit the literary skills and innovative ideas of teachers and students. College Daze presents the achievements of students and contributions of teachers. We would like to place on record our

gratitude and heartfelt thanks to all those who have contributed to make this effort a success. We profusely thank the management for giving support and encouragement and a free hand in this endeavor. Last but not the least we are thankful to all the authors who have sent their articles. We truly hope that the pages that follow will make an interesting read.



Nikita Pradhan - MBA II Sem



Tanvi Gupta - ECE VIII Sem



Naman Singhal-B.Tech. II Sem

## EDDY BUDDIES

Welcome to the 13<sup>th</sup> edition of the annual college magazine "College Daze" We are really proud and exuberant to acclaim that we are ready with all new hopes and hues to bring out the 13<sup>th</sup> issue, which is going to unfold the unraveled world of the most unforgettable and precious moments of MITRC the magazine is to be viewed as a launch pad for the students creative urges to blossom naturally this magazine is indeed a pious attempt to make our budding talents give shapes to their creativity.

We are sure that the positive attitude, hard work sustained efforts and innovative ideas exhibited by our young buddies will surely stir the mind of the readers and take them to the surreal world of unalloyed joy and pleasure.



Vinay Kumar - MBA II Sem



Jitendra Kumar - MBA IV Sem



Aman Saini - B.Tech. II Sem

## SHRADDHANJALI



**Late. Shri Dharampal Choudhary (Ex- Chairman MITRC)**

(31<sup>st</sup> August 1954 to 19<sup>th</sup> April 2018)

Fondly remembered by

Entire MITRC Family

## CHAIR PERSON

**Smt. Vimla Devi Chairperson**  
MITRC, Alwar, India



**Mrs. Vimla Devi**

Nothing can surmount the feeling of satisfaction that I am getting while witnessing dreams being translated into reality. The dream to provide one of the best institutes for students is being realized with the development of MITRC College of Engineering year after year. This institute in a very short span of time has managed to carve a name in the list of the most reputed institutes of Rajasthan. Each new session comes with its own sets of achievement. We have taken the onus to equip ourselves with the skills and tools required to survive in this world of cutthroat competition. The commitment from us begins from day one - to work with you and walk with you through each day all through the years you will spend here which is your home away from home. I assure you that the learned staff and the ever accessible management is there to guide you through your path and help you nurture your dreams and fulfill them - by legitimize you to realize your true potential. Be it studies, sports or any extracurricular activities, you don't just graduate with a degree and a certificate - but become a graduate of life and a true citizen of the world of tomorrow. With this great deal of pride and satisfaction I welcome the future generation of Engineers to MITRC College of engineering, and I assure you that the institute will provide you the apt launching pad to fly high.

## EXECUTIVE DIRECTOR



**Mr. Ashok Agarwal**

MITRC is the name that inspires awe & respect in the field of technical & management education. It was established with a vision, to transform the vision of duty, aspiration and faith into reality. It is a proud moment for me and my team to see thousands of students pursuing higher education in MITRC Engineering college and equipping themselves to become industry ready professional for successful careers. In this process the Group intends to unite all dimensions of Education from Undergraduate to Post Graduate Programmes in Engineering and Technology and diverse streams of Management under the same umbrella in order to comprehensively and collectively optimize the reach of Educational Initiatives in every strata and corner of society towards a better future.

Our educational Initiatives believes that creating an academic foundation for social, cultural, scientific, economic and technological development in our Nation can mature into Global Interface by giving way to education exchange in the International territory as well. Therefore, our focus is to achieve unparalleled excellence that will bring development to our society and mankind by optimizing their potential, thereby establishing the observation that "turns mirrors into windows. And for achieving its goal MITRC has pursued a unique path of moulding bright minds, into young technocrats & managers, that are Indian in spirit and global in attitude. MITRC now prides itself as being the Cradle of Intellect.

## EXECUTIVE DIRECTOR



**Mr. Amit Choudhary**

This institution of higher learning has immensely contributed to the nation building by providing intellect talent possessing latest analytical, design, practical and managerial skills. Our students have infiltrated into all sectors be it government, private or public to serve the country in various capacities. Our competent faculty also help our students in developing their overall personality to meet the challenges at global level and come out with the optimum solutions. It is my strong belief that given an opportunity, the students of this great temple of learning will prove an asset to the recruiting organisations. We extend a warm invitation to the organisations/companies looking for budding engineers to visit our serene campus for a possible

human resource par excellence. We are also looking for mutual association and collaboration with the industry at various other levels

MITRC is committed to achieve excellence in technical education and research and assesses the success of its programs using the highest standards of quality, innovation and visibility. The core values of discipline, integrity and trust, holistic learning, ethics and professionalism, and concern for society & environment are all closely interwoven into the fibre of our academic programs.

## DIRECTOR

Modern Institute of Technology & Research Centre has already established itself as one of the top technological institutes in the entire Alwar region providing quality education to students from all strata of society. MITRC was established in 2007 with a vision to be a centre of excellence in providing technical education in harmony with the changing global order. Over the years, MITRC has performed extraordinarily at various dignified platforms and the students have registered numerous national podium finishes and won accolades in different events. We procure the support of a strong team of faculty members who whole heartedly put their efforts to motivate our students and guide them to progress at every step. In a conducive learning environment at our serene campus. We nurture a class with intellectual brilliance and ethical excellence. We inculcate a positive value system in our students that shape their attitude, outlook and conduct that provide a strong foundation for them to tackle the challenges of life. The institute also provides a platform for the faculty and students to pursue their interest in research activities and translate innovative ideas to prototypes. I am confident that MITRC, with its rich legacy, will continue to create world class engineers, good human beings and worthy citizens of this great country, India.



**Prof. S.K. Sharma**

## DEAN ACADEMICS

Higher education in India is undergoing a remarkable transformation. Universities has been emphasizing on outcome-based education, rather than the traditional exam-centric educational system which was followed in our country for centuries. In outcome-based education, the real learning outcomes of students are measured in an objective manner mainly to ensure that our higher education system is more accountable and quality-oriented. MITRC has revamped the curriculum and implemented major changes in the curriculum delivery to a very large extent. Now, the emphasis is on comprehensive continuous learning rather than rote and exam oriented learning. This results in students spending more time in the laboratories than in the classrooms. The submission of mini-projects for assessment has been made mandatory. This in turn helps the students in applying the theoretical concepts learnt by them. We believe that the education received at our institutions, must translate into excellent career and job prospects for our students. At MITRC, we always work very closely with varied industries, to fulfill the job aspirations of our students. In addition to having an excellent placement department, we closely collaborate with varied industries at different levels. We encourage the industries in turn to play an active role as our partners in education. We have ensured that a sizeable number of constructive changes have been made to the traditional curriculum in creating a word-class curriculum and a stimulating learning environment as well.



**Mr. Manish Mukhija**



**Mr. Vikas Mahalawat**

## DEAN STUDENT'S AFFAIRS

The role of the Dean Student Affairs varies from others Deanships, as it is being the closest to the students and to the local community. Its major objective through its various services and programs is to build student's personality at all levels; physically, mentally, socially and psychologically to prepare him/her to be an active leader thus achieves the principle of good citizenship, and to face life challenges with a composed confident personality and to contributes to academic and personal success, encourages independent civic responsibility, and promotes the welfare of all

students.

The deanship is the umbrella under which all students' activities are performed, and through which all the facilities to students are made available. The deanship maintains continuous connection and interaction with students. It receives students' feedback about various services at the college and strives to improve such services.



**Dr. Neeraj Jain**

## DEAN EXAMINATION

At Modern Institute of Technical Education and Research Centre the Examination department is committed to conduct essential duties of various examinations like Internal Mid Semester Examinations, End Semester Examinations, Entrance Examinations and Practical Examinations. The Examination department of MITRC is working for continuous development and endeavours towards the complete automation of the system by creating centralize examination committee (CEC) to provide transparency for the

benefit of the students and different stake holders of the system.

Our endeavour has always been to provide the best to the students and to prepare them to take up the challenges of tomorrow so that when they come out of the institutions, they are competent to handle the responsibilities of the world best engineers and professionals.



## HEAD HR DEPARTMENT



**Mrs. Chhavi Nagpal**

As we all know that the department of human resource involves developing and administering programs that are designed to increase the effectiveness of an institute or organization. It includes the entire spectrum of creating, managing, and cultivating the employer-employee relationship. Unlike company managers who oversee the day-to-day work of employees, HR departments of MITRC also deals with employee concerns and benefits. As the head of human resource management team I not only oversees the hiring process but also try to rope in more potential employees. As an HR head I always encourage our employees to do their best, which contributes to the overall success of the college. I always in the favour of rewarding potential employees for their good performances and creating a positive work environment. My aim is that employees should work more effectively and productively, thereby ensuring that institute goals and objectives are accomplished.

## TRAINING & PLACEMENT HEAD



**Ms. Vaishali Gupta**

To fulfil the ever growing corporate needs and expectations from the students. Training and development is becoming inevitable and the result is quite evident. Considering the fact in mind, we conduct training & development programmes not only for soft skills and aptitude skills but we also give due importance for communication skills and technical skills development according to the latest trends and fast growing competitive world needs. As a result of our continuous efforts and good performance from the student end, our students get very good career opportunity in various corporate.



### Seven Day Special Camp of NSS (01-07 March 2019):

**Day One (01-3-2019):** On the occasion of the inauguration of seven day special camp of NSS unit, some plants were planted by Sarpanch Mr. Rajjak Khan of adopted village Sirmoli, MITRC Principal Dr. S.K. Sharma and NSS volunteers. A lecture on 'Responsibilities of National Service Scheme Volunteers for Adarsh Gram Yojna' was delivered by NSS Programme Officer Dr. Raish Muhammad.



**Day Two (02-3-2019):** Rallies in adopted village Sirmoli on 'Shiksha Jagrukta' and on 'Swachchhta Jagrukta' were carried out under the supervision of NSS Programme Officer Dr. Raish Muhammad. NSS volunteers walked on the streets of village holding the banners. They were calling some motivational slogans.



**Day Three (03-3-2019):** Some physical work (Swachchhtake liye Shramdan) by NSS Volunteers at adopted village Sirmoli was done by NSS Volunteers in Sr. Sec. School of Sirmoli.



**Day Four (04-3-2019):** Lectures on 'Change starts from your ownself' by Mr. Nitin Jaiswal, Training & Placement Head and on 'Our Responsibilities as a Citizen' by Dr. Gajendra Saraswat, Professor of Mathematics Dept. was delivered.



**Day Five (05-3-2019):** Rallies in adopted village Sirmoli on 'Nasha Mukti' and on 'Cashless Payment' were carried out under the supervision of NSS Programme Officer Dr. Raish Muhammad. NSS volunteers walked on the streets of village holding the banners. They were calling some motivational slogans.



**Day Six (06-3-2019):** Lectures on 'Ethics on Work Place' by Dr. Bhuwan Gupta, Associate Professor of Dept. of Management Studies and on 'Awareness against Curruption' by Dr. Neeraj Jain, Associate Professor of ECE Dept. was delivered.



**Day Seven (07-3-2019 Thursday): (1) Motivational Lecture** was delivered by Dr. S.K. Sharma, Principal of MITRC. On the occasion of the completion of seven day special camp of NSS unit, the work done was assessed.



**(2) Plantation Programme (July 2019):** MITRC students planted some plants outside of MITRC main gate on Sirmoli road and in the premises of Government Senior Primary School, Pahadibas under the guidance of UBA Coordinator Dr. Raish Muhammad.



**(3) Attended Orientation-Workshop for PIs (29-07-2019):** UBA Coordinator Dr. Raish Muhammad attended 'Regional Orientation-Workshop for Participating Institutes to Initiate Work in Adopted Village Clusters' held in MNIT, Jaipur.



**(4) Awareness Programme about use of Sanitary Pads (30-07-2019):** An Awareness Programme about use of sanitary pads was conducted in Government Senior Secondary School, Sirmoli by female faculty members of MITRC and UBA Coordinator Dr. Raish Muhammad. The female faculty members of MITRC explained the necessity of sanitary pads and distributed the pads to the girls and ladies of the village Sirmoli.



**(5) Plantation Programme (August 2019):** MITRC students planted some plants inside and outside of MITRC main gate on Sirmoli road under the guidance of UBA Coordinator Dr. Raish Muhammad.



**(6) Survey of Villages to find the Problems (11-08-2019):** UBA Cell of MITRC surveyed in 2 villages Sirmoli and Jahar Khera to find the problems.

**(7) Survey of Villages to find the Problems (18-08-2019):** UBA Cell of MITRC surveyed in 3 villages Chirkhana, Baldeobas and Karoli.



# IAF (INDIAN AIRFORCE)

## IPEV (Induction Publicity Exhibition Vehicle)



# BUS EXPO & Career Seminar At MITRC (Alwar)

First  
Time  
in  
Rajasthan

**Date 24<sup>th</sup> & 25<sup>th</sup> July 2019**

IPEV Bus Exhibition by Indian Air Force was Organized at MITRC between 24<sup>th</sup> July and 25<sup>th</sup> July 2019. During this exhibition more than 28 schools and 1000 visitors of Alwar district visited and availed the opportunity to get an insight of the phenomenon career opportunities offered by the Indian Air force. Visitors also get the thorough knowledge of the latest technologies used by the Indian Air force which makes it inimitable in today's era. Wing commander Ms. Sneh along with the senior officer Achintaya Gosh graced the exhibition as a chief guest as well as the chief orator who explained every bit to the visitors and tries to quench the thirst of the young talents of this generation.





## CSR Activities

MITRC acts as socially responsible organization and conducts several activities round the year to guide school & college students regarding their career choices so that they can choose right stream and also to make them socially responsible citizens, For the same MITRC regularly visits various Private & Government Schools & Colleges in the Alwar region.



# INVINCIBLE - T19

(16<sup>th</sup> - 18<sup>th</sup> March 2019)

## CULTURAL FEST-2019

The tradition of celebrating Cultural fests is widespread in colleges across the stretch of the country. Cultural fest plays a predominant role in a student's life and in the recent years, have managed to etch a significant place for themselves in the academic calendar. There is a growing consensus that a college festival is not just about fun but that it also augments a student's learning experience.

MITRC recognized the underlined importance of cultural fests. It helped students to stage their talent and get recognition on a greater scale. The flagship event was continued also in the year 2019. When the college celebrated its 9th Annual function from 16th March to 18th March 2019 respectively. For the successful conduction of the annual fest all the students were divided into four different houses and from each house several number of participants took part in various cultural, Technical, Creative and Sports activities.

On the final day Dr. Yadhunath Singh-Director Academic Affairs (BTU-Bikaner) was the chief guest and during his speech he said that organizing and participating fest activities is not a child's play; it needs arduous efforts and stern dedication. Fests facilitate students to work for a fixed goal in unison and this eventually develops a sense of responsibility in them. It elevates confidence and also teaches them how to work in a team and in various challenging situations. he appreciated the efforts of the students as well as the entire faculty fertility .during the function Ms. Monika Saini bagged best student engineering and Yash Agrawal won the best student title from the management studies and running trophy was won by Green House. Though cultural fests rob students of their energy but replenish them with new vigor and enthusiasm. Memories and friendships created in fests are cherished forever.





## Pride of the College

# Manifesto



**KRITIKA KHANDELWAL**

MBA (Finance)  
Batch 2017-19

85.35%



**MANISH GUPTA**

B.Tech. CSE  
Batch 2015-19

87.20%



**KAJOL DHABAI**

B.Tech. ECE  
Batch 2015-19

87.90%



**MONIKA SAINI**

B.Tech. EE  
Batch 2015-19

93%



**VAIBHAV GUPTA**

B.Tech. ME-I  
Batch 2015-19

86.70%



**RAMAN KUMAR**

B.Tech. ME-II  
Batch 2015-19

86.75%



**VISHAL VERMA**

B.Tech. CE-I  
Batch 2015-19

89.20%



**AKSHITA SAINI**

B.Tech. CE-II  
Batch 2015-19

86.25%



# Gems from Management & Engineering (2018-2019)

"Success is the result of perfection, hard work, learning from failure, loyalty, and persistence"

- Colin Powell"

MBA 2017-2019 (III & IV SEM)	%
I KRATIKA KHANDELWAL (Fin.)	85.35
II ARPITA GUPTA (Finance)	84.85
III NEHA GUPTA (HR)	84.70

MBA 2018-2020 (I & II SEM)	%
I MONIKA	86.40
II KAJAL SACHETI	85.15
III DEEPIKA SHARMA	84.10

M.TECH 2018-2020 CSE (I & II SEM)	%
I DEEPESH JAIN	68.08
II RITU BARETH	62.58
III ASLAM KHAN	60.50

M.TECH 2018-2020 DC (I & II SEM)	%
I POOJA KUMARI	60.25

M.TECH 2018-2020 PE (I & II SEM)	%
I YOGESH SHARMA	71.50
II PIYUSH RANJAN	68.75

B.TECH BATCH 2015-19 CSE (VII&VIII SEM)	%
I MANISH GUPTA	87.20
II DIPALJ BANSAL	87.00
III DEEPSHIKHA	86.45

B.TECH BATCH 2015-19 ECE (VII&VIII SEM)	%
I KAJOL DHABAI	87.90
II HARSHITA GAUR	87.65
III KRITIKA MATHUR	87.05

B.TECH BATCH 2015-19 EE (VII&VIII SEM)	%
I MONIKA SAINI	93.00
II HIMANI SHARMA	86.95
III SOURABH JAIN	85.25

B.TECH BATCH 2015-19 ME-I (VII&VIII SEM)	%
I VAIBHAVA GUPTA	86.70
II SHUBHAM SHARMA	86.60
III AKRAM	85.60

B.TECH BATCH 2015-19 ME-II (VII & VIII SEM)	%
I RAMAN KUMAR	86.75
II RAJAT GUPTA	82.60
III MOHIT DORAWAL	80.55

B.TECH BATCH 2015-19 CE-I (VII&VIII SEM)	%
I VISHAL VERMA	89.20
II SAMIKSHA NIDHI	85.60
III MANISHA MEENA	84.70

B.TECH BATCH 2015-19 CE-II (VII&VIII SEM)	%
I AKSHITA SAINI	86.25
II PRIYANSH SHARMA	85.55
III ALPNA VERMA	83.95

B.TECH BATCH 2016-19 CSE (V & VI SEM)	%
I NIKITA SINGHAL	85.65
II KIRTI GUPTA	84.05
III AYUSH CHAUHAN	83.55

B.TECH BATCH 2016-19 ECE (V & VI SEM)	%
I TANVI GUPTA	76.30
II AARTI YADAV	73.50
III SAHIL JHALANI	72.05

B.TECH BATCH 2016-19 EE (V & VI SEM)	%
I SHREYA KATTA	86.20
II VEDPRAKASH JATAV	85.05
III ANJALI BAI	84.45

B.TECH BATCH 2016-19 ME I (V & VI SEM)	%
I AKASH KUMAR SAINI	82.15
II VIJAY	81.75
III AYANK GUPTA	78.55

B.TECH BATCH 2016-19 ME II (V & VI SEM)	%
I SUMIT KUSHWAH	75.95
II AKASH SAINI	70.75

B.TECH BATCH 2016-19 CE I (V & VI SEM)	%
I IRFAN KHAN	83.50
II CHHOTE LAL MEENA	82.85
III ANCHAL BASWALA	82.55

B.TECH BATCH 2016-19 CE II (V & VI SEM)	%
I SANJAY SAINI	84.70
II MOHIT JONWAL	81.55
III CHIRAG SHARMA	80.10

B.TECH BATCH 2017-21 CSE (III & IV SEM)	%
I NISHTA GUPTA	82.65
II DIMPLETE ABROL	80.89
III BHARAT GUPTA	79.70

B.TECH BATCH 2017-21 EE (III & IV SEM)	%
I CHARUL GUPTA	79.96
II KULDEEP SAINI	77.62
III ANJALI MATHUR	77.12

B.TECH BATCH 2017-21 ME (III & IV SEM)	%
I AKASH SAINI	78.69
II LAKSHYA SHARMA	78.18
III ASHANK GUPTA	78.00

B.TECH BATCH 2017-21 CE I (III & IV SEM)	%
I HIMANSHI NAGER	81.93
II PRIYANKA KUMARI	79.23
III AASHI KHANDELWAL	77.99

B.TECH BATCH 2017-21 CE II (III & IV SEM)	%
I DEEPAK KUMAR SAINI	74.09
II SOURABH MALHOTRA	73.44
III HEMANT KUMAR MEENA	72.39

B.TECH BATCH 2018-22 CSE (I & II SEM)	%
I SAPNA YADAV	9.44
II ISHIKA JAIN	9.00
III RITIKA JAIN	8.98

B.TECH BATCH 2018-22 EE (I & II SEM)	%
I SOFIA RAKESH	9.32
II AABHASH AGARWAL	9.02
III AAKASH CHANDRA	7.85

B.TECH BATCH 2018-22 ME (I & II SEM)	%
I CHIRAG KHANDELWAL	9.00
II PARAS SHARMA	8.85
III YASH GUPTA	8.41

B.TECH BATCH 2018-22 CE (I & II SEM)	%
I HARSH GUPTA	8.88
II DEEPAK YADAV	8.73
III PUNIT SAUGAN	8.32



# CAMPUS

The future is here...

Think Placement, Think MITRC

# PLACEMENTS

## 2019-20

Placement Selection March 2019 to January 2020

09 Selection	TCS	10 Selection	INFOSYS	02 Selection	IBM	06 Selection	WIPRO
01 Selection	DAFFODIL	01 Selection	WEBKUL	01 Selection	CYBER GROUP	02 Selection	SKILROCK TECHNOLOGY
09 Selection	ICICI PRUDENTIALS	01 Selection	BHARTI INFRATEL	36 Selection	GENPACT	31 Selection	EASYPOLICY.COM
06 Selection	IMS PEOPLE PVT LTD	61 Selection	CHEGG	37 Selection	BHAGWATI PRODUCTS LTD	01 Selection	INTIME-TEC
01 Selection	INNOVATION	01 Selection	TRUECHIP	01 Selection	OPTIMUS INFORMATION	05 Selection	TECH MAHINDRA
02 Selection	NIIT	02 Selection	ICICI Bank	05 Selection	AASHIANA HOUSING	08 Selection	TATA COMMUNICATIONS
30 Selection	BAJAJ MOTORS	08 Selection	HINDUJA GLOBAL	29 Selection	MICROMAX	01 Selection	APPCINO
14 Selection	BDI GROUP	05 Selection	POLICY BAZAAR.COM	15 Selection	TXD INDIA	02 Selection	HDFC
18 Selection	ASHOK LEYLAND	21 Selection	PAYTM	28 Selection	SBI CARDS	16 Selection	AGGRIKO
07 Selection	INDUS TOWERS	12 Selection	RADIANT POLYMER	05 Selection	KIRLOSKAR	03 Selection	ADANI
04 Selection	IGT	26 Selection	IIFL	10 Selection	TRAVELTRIANGLE	03 Selection	TALBROS
01 Selection	DIXON	01 Selection	GOLD PLUS GLASS INDUSTRIES	02 Selection	NUCLEUS SOFTWARE	11 Selection	JUST DIAL

<b>01</b> Selection	JARO EDUCATION	<b>05</b> Selection	EXTRA MARKS	<b>09</b> Selection	SMART SCHOOL	<b>05</b> Selection	SYNORIQ
<b>01</b> Selection	NJ GROUP	<b>03</b> Selection	GIPL	<b>06</b> Selection	SUN CABLES	<b>07</b> Selection	THRILLOPHILIA
<b>02</b> Selection	JEEVANSATHI.COM	<b>02</b> Selection	AU FINANCE	<b>03</b> Selection	CYNTEXA	<b>06</b> Selection	METACUBE
<b>03</b> Selection	INDIAMART	<b>01</b> Selection	SSP WORLD WILD	<b>02</b> Selection	ADJECTI SOLUTIONS	<b>02</b> Selection	NAGARRO

**“Work until you no longer have to introduce yourself”**



# PLACEMENTS 2019-20



12  
Lakh

Sakshi  
(CSE)

jaro  
education™



7.5  
Lakh

Sahil Arora  
(CSE)



4.3  
Lakh

Ayush Chauhan  
(CSE)

metacube



4.2  
Lakh

Varun Kumar  
(CSE)



4.2  
Lakh

Pratiksha  
(CSE)



3.6  
Lakh

Nishant Bansal  
(CSE)



3.6  
Lakh

Shristhi  
(CSE)



3.6  
Lakh

Rohan  
(ECE)



3.6  
Lakh

Dhritika  
(MBA)



3.6  
Lakh

Prath Yadav  
(ME)



3.6  
Lakh

Nadish  
(CSE)



3.6  
Lakh

Nikita  
(CSE)



3.5  
Lakh

Ayush Gupta  
(CSE)



3.5  
Lakh

Kritika Sharma  
(CSE)



3.5  
Lakh

Riya Bansal  
(CSE)



3.5  
Lakh

Nikita Singhal  
(CSE)



3.5  
Lakh

Shruti Sharma  
(CSE)

nagarro



3.5  
Lakh

Shreya Katta  
(EE)



3.5  
Lakh

Shailina Jain  
(CSE)



3.5  
Lakh

Dipanshu  
(EE)





3.5 Lakh

Tanvi Gupta (ECE)

Infosys



3.5 Lakh

Kirti Kaushik (CSE)

Infosys



3.5 Lakh

Ankit Mittal (CSE)

Infosys



3.5 Lakh

Nitin Jain (CSE)

Infosys



3.5 Lakh

Pushpendra (CSE)

Infosys



3.5 Lakh

Neha Mandawar (CSE)

Infosys



3.4 Lakh

Reshiya (CSE)

Extramarks



3.4 Lakh

Akhil Jain (CSE)

Extramarks



3.4 Lakh

Ayank Gupta (ME)

Extramarks



3.0 Lakh

Kirti Gupta (CSE)

OnGraph Technologies



3.0 Lakh

Sumit Kushwah (ME)

indiamart



3.0 Lakh

Mohit Arora (ME)

indiamart



3.0 Lakh

Sahil Arora (ME)

indiamart



3.0 Lakh

Harshmeet Kaur (MBA)

CONTINENTAL ENGINES



2.5 Lakh

Kajal Sacheti (MBA)

TR ▽ EL TRIANGLE



3.5 Lakh

Gargi (CSE)

nagarro



2.4 Lakh

Ajay Meena (MBA)

AU SMALL FINANCE BANK



2.4 Lakh

Josna Johnson (MBA)

AU SMALL FINANCE BANK



2.4 Lakh

Ekta Chopra (MBA)

AU SMALL FINANCE BANK



2.4 Lakh

Monika (MBA)

TR ▽ EL TRIANGLE

# FAREWELL

## DESPEDIDA-2019

(4<sup>th</sup> May 2019)

Despedida-2019 farewell party was organized for the passing out batch 2015-19, on 4<sup>th</sup> May 2019. Bidding adieu to the four years long journey of soulful seniors who had entered the portals of the college as young and graduated as engineers. Mr. R.K. Kajla (HR Manager, Havells India Ltd.) and Mr. Praveen Kumar (Assistant HR Manager, Havells India Ltd.) were the chief guest and the special chief guest of the occasion. The event started with beautiful welcome music, songs and dance performances by all the juniors. During the events Mr. & Ms. MITRC and Mr. & Ms. Evening competition was also organized in which Mihir Pradhan won the title of Mr. MITRC and Ms. Harshita Gaur won the title of Ms. MITRC respectively. Whereas Vivek Gangawat won the title of Mr. Evening and Priyanka Jaiswal won the title of Ms. Evening. For cherishing the old memories with the seniors all the juniors have also prepared a video of the seniors, their achievements and all the fun moments they have experienced at MITRC. The faculty bid adieu and wished all the graduating batch good luck. The token of love was also presented by students of B.Tech 6<sup>th</sup> semester to their seniors. The entire event was filled up with joy and nostalgia.

At the end the Principal of MITRC, Dr. S.K.Sharma, talked about the values that the college has taught the seniors and how they must not forget about the same. He suggested and motivated the graduates to never lose hope and face every challenge with positivity. Finally the party ended with warm wishes for a successful career, bright future and happy landings.



# FRESHER'S PARTY

## AARAMBH-19

(21<sup>st</sup> September 2019)

Continuing with the proud tradition of the college, senior students and newcomers of the college mingled with each other at the fresher's welcome party held on 21<sup>st</sup> September 2019 in the Pratap auditorium. Principal, Dr. S.K.Sharma inaugurated the event with the lighting of the ceremonial lamp along with Deans, Hr Manager, Training & Placement Officer and other members of the Cultural Committee of MITRC college. It was a fun filled event at which the fresher's got an opportunity not only to showcase their talents and but also to interact with the seniors. Soon after the inauguration, the program kick-started with a ramp walk in which contestants vied for the Ms. Fresher & Mr. Fresher 2019 title. The contest included several rounds involving talent display, dress parade which wove the magic of fun and joy in to the event. Based on their performance in the last and final "Questionnaire Round", the contestants had to prove that they were persons with beauty and brains and had the presence of mind and confidence to not only to give the correct answers but also to communicate these properly and effectively. At the end of the very enjoyable competition, Ms. Ezee Jain was crowned as "Miss Fresher 2019" and Mr. Priyanshu Saini was crowned as "Mr. Fresher 2019" from B.tech first semester where as Ms. Ravleen Makkar crowned as Ms. Fresher and Arman Agrawal crowned as Mr. Fresher 2019 from MBA department respectively. The entire party was rocked by the seniors with dancing and grooving. Finally the program ended, leaving behind sweet memories that will be cherished lifelong.



# FIRST IMPRESSION

## GETTING TO KNOW MR. FRESHER ARMAAN AGARWAL (MBA)



I was standing in front of the entire college with badge of Mr fresher surely these memories will never be forgotten .One of the most exciting memories of my college life was fresher party.

The show was a kick start and followed by other formalities. It was one of the most anticipated event. The Mr and Miss Fresher's title no doubt we had a fun time rehearsing and I still cannot forget the show concluding on me getting the title of Mr. Fresher.

Ohhh.... what a heart warming moment it was looking forward to some better time in this college with more better opportunities!

## GETTING TO KNOW MISS. FRESHER RAVLEEN MAKKAR (MBA)



Like a sheep we nervously stepped into this college on the first day with feelings of uncertainty of what lies ahead. But within a short span of time in this institution we feel like this is our home away from home. I have no words to express except to say a very big thank you to you all including my teachers, my seniors, and of course my classmates. How can I forget about the title I earned MS FRESHER 2K19.... The performance by everyone dazzled the audience and gardened huge applause and cheering... It's all about celebrating confidence and having fun. The cultural theme ramp walk was a huge success...the attire of every participant was too charming and it was such a glorious moment to earn the title. About me I am a confident responsible and a diligent person.. The journey so far in this college has been astonishing. And lastly to our upcoming fresher's, you guys are starting the journey. Remember no matter how tiny are the sparks of victory but we MITRCians know how to fan those sparks to flames so feel proud to be a part of this institution.....

## GETTING TO KNOW MR. FRESHER PRIYANSHU SAINI (B.Tech. CSE)



College life comes as a pleasant change .. one of the most exciting memories of my college life was the fresher's party .. organised by our college to celebrate the commencement of the new chapter of our life ...

One of the most anticipated events was Mr. and Ms. Fresher's event . Getting till there was not easy.. The heart warming moment was to be announced as Mr. fresher's 2019..

About me I am a person who is a dancer with good communication skills and a person with jolly nature.. I believe that everyone should enjoy there life to there fullest ..

## GETTING TO KNOW MR. FRESHER EZEE JAIN (B.Tech. CSE)



It has been a fresh starting of a life with different environment and new fellow companion college life exposes is to new experiences and things that we were not familiar earlier. For some people college is only for fun. But for me it is the door of new challenges and fresher's was one of them which brought so much so much excitement and buss in my life. It gave me a platform to show case my innovative ideas and complete with my peers. Over all it was a wonderful experience that I ever had. Now I am feeling very proud to be the part of this MITRC family. To be considered for the title 'MS Fresher' for this role is a great hour and privilege. At last I would like to thank all my faculty members, mentors & my well wishers for their love & support.



# CONVOCATION

(19<sup>th</sup> August 2019)



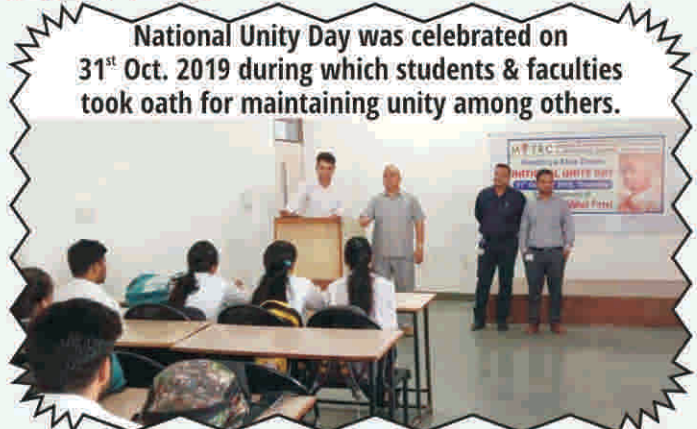
Convocation programme was organized at MITRC on 19<sup>th</sup> August 2019 in which Degrees were distribution to B.Tech, M.Tech, MBA, BBA students (Session 2017-18). Chief Guest was Shri Vinod Kumar Tiwari, IRS (Principal Commissioner of Income Tax). Five Students also received their medals and degree at RTU, Kota for securing positions in RTU Merit List.



# All India Council For Technical Education INITIATIVES



As Per AICTE guidelines on the auspicious occasion of Gandhi Jayanti 2<sup>nd</sup> Oct. 2019 a blood donation camp was organized in which several students including faculties donated their Blood



National Unity Day was celebrated on 31<sup>st</sup> Oct. 2019 during which students & faculties took oath for maintaining unity among others.



National Education day was celebrated on 11<sup>th</sup> Nov. 2019 during the celebration student were aware about the importance of education in the present scenario



AICTE Conducted Konnicchiwa Japan on 23<sup>rd</sup> Nov. 2019

As per the guidelines of AICTE MITRC Celebrated constitution day on 26<sup>th</sup> Nov. 2019



As per AICTE guidelines 5 days workshop on Internet of Things (IOT) was conducted between 17<sup>th</sup> Dec. to 21<sup>st</sup> Dec. 2019



Regional convention of 3<sup>rd</sup> AICTE Chhatra Vishwakarma Awards was Organized on 10<sup>th</sup> January 2020.



As Per AICTE guidelines International Mother Language Day was celebrated on 21<sup>st</sup> Feb. 2020 during the celebration students & faculties talked about the importance of various languages which shows unity in Diversity



# INTERNAL HACKATHON 2020 (MIH-20)

As per guidelines of SIH committee college has conducted Internal Hackathon from 17<sup>th</sup> & 18<sup>th</sup> January 2020 respectively and selected top 11 teams for Hardware & Software edition during the Hackathon Jury from the industries were called. Imran Khan the App developer evaluated the teams



# NATIONAL HACKATHON 2020

It's a matter of great pride that students of MITRC of CSE Branch got selected for National Convention of Chhatra Vishwakarma award which was held on 24th February 2020 at AICTE Head Quarter, New Delhi. It was a big achievement as students got selected after crossing four various stages. At first stage seven thousand ideas were submitted out of which three thousand ideas got selected for second stage. Whereas in the third stage videos were submitted out of which 1426 ideas and videos got selected. In fourth stage of regional convention 424 ideas got selected in which three proposed ideas from MITRC got a chance. In the final stage of national convention 117 ideas got selected from all over India and MITRC is one of them. During Hackathon students interacted with HRD Minister Ramesh Pokhriyal along with AICTE Chairman Prof. Anil.D.Sahasrabudhe, Vice Chairman MP Poonia and MIC Innovation Officer Dr. Abhay Jerre who appreciated their efforts.



## WORKSHOPS / SEMINARS / FDPS

- ◆ Department of Computer Science Engineering in association with DUCAT Noida Organized one day national Workshop on "Machine Learning with Python" for 5 Sem Students on 30/8/2019. Key Note Speaker was Mr. Vishal Samresh from Ducat Noida.
- ◆ Department of Management studies and Mechanical Engineering organized one day national seminar on "Reformed Taxation system" on 13/9/2019 Key note speakers were Mr. Vinod Kumar Tiwari, IRS (Principal Commissioner of Income Tax) and Mr. Vishan Kalra (Income tax officer). They explained about taxation, slab for taxes, GST, benefits of filling taxes etc.
- ◆ Department of Mechanical Engineering organized national workshop on 23/9/2019 on the topic "Additive manufacturing technology" in technical association with experts from MSME technology centre, Bhiwadi. Technical experts from MSME Mr. Abhishek Datta, Siddarth Sharma, Ayush Sharma shared knowledge about additive manufacturing.
- ◆ Department of Electrical Engineering organized national workshop on virtual labs in association with virtual labs team experts, IIT, Delhi. On 30/09/2019 in which Key note trainers were Mr. Ashish Ranjan and Mr. Rajat Kumar Jha.
- ◆ Women Cell and Internal Complaint Committee of MITRC organized one day National workshop on "Awareness Programme against Sexual Harassment" on 14/12/2019 This workshop was organized for female faculties and students to make them aware about sexual harassment VIS. Key note Speaker was Mrs. Chhavi Nagpal
- ◆ Department of Higher and Technical Education, Govt. of rajasthan, in association of ELET technomedia Pvt. Ltd. organized a national level Hackathon on 16-17/12/,2019 in the campus of Manipal University, Jaipur. The Centre of E-Governance (CEG) was the nodal agency from the Technical Education Department,Jaipur. Total 7 teams of MITRC (ME-3,EE-2,CS-2) participated in National Level Hackathon at Manipal University, Jaipur. Team Mentors were Deepak Sharma, Rahul Shandilya and Mukesh Kumar.
- ◆ Bikaner Technical Univesity organized 3 days National Workshop on "Univeral Human Values and Professional Ethics". between 17-19/12/2019.This wokshop was TEQIP-III Sponsored & AICTE Approved. College Principal Prof. S.K. Sharma and Dr. Gajendra Saraswat attented this workshop.
- ◆ Pratap Institute of Technology & Science, Sikar (Raj.) organized 8 days National Workshop on "Univeral Human Values and Professional Ethics" between 5/1/2020 -12/1/2020. This wokshop was AICTE Sponsored and Approved. College Faculties Mr. Manish Jain, Mr. Mahendra Choudhary, Mr. Sushil Mourya and Mr. Nitesh Indoriya attented this workshop. Workshop coordinator was Ms. Deepika Mishra.



# INTERNATIONAL SEMINAR 2020

One day International Seminar was organized by the department of Management Studies in association with the department of Computer Science & Engineering on 20<sup>th</sup> January 2020. The keynote Speaker was Prof. Mike Hinchey (University of Limerick-Ireland), Prof. Milan Tuba (Sighidunum University-Serbia) & Dr. Amit Joshi. During this seminar they gave a deep insight on machine learning & Neural Networking. In this seminar students from department of management studies gave there presentations & received certificates of appreciation.



# MITRC Supports Budding Entrepreneurs

## YOUNG ENTREPRENEURS YOUNG INDIA (ED-II)

Institutes innovation counsel (IIC) in association with entrepreneurship development cell (BLAZE) MITRC organised 2 days national seminar on youth entrepreneurship between 18<sup>th</sup> & 19<sup>th</sup> October. This initiative seeks to inculcate the entrepreneurial attitude among the youth of India. During this seminar various power point presentations were given by students of MBA Department to highlight the successful startups in the country. Students were awarded on basis of their submitted ideas on how entrepreneur plays a vital role in economic development of the country. Through this seminar they gave special emphasis on the arduous efforts need to be made to encourage startups in India. Questionnaire session was also held among the audience and the students regarding there companies. The power point presentation was successful and proven very informative. In this entire process nearly 18 team had participated.



## ACTIVITIES UNDER EDP CELL

# SMART VILLAGE INITIATIVES

MITRC has adopted Sirmoli Village for the all round development by using latest technologies on this regard MITRC has done lots of work like as : (a) Computer training were given to the school students by the experts. (b) Various computer labs were setups in order to make village students techno freak. (c) we know that healthy mind lives in healthy body so in order to maintain the health of school going children regular yoga classes were conducted by the expert trainers (d) Mobile app was developed for not only maintaining the proper interaction within the school going students but also to give wings to their creativity. (e) Awareness programme were conducted on the importance of solar technology where villagers were given all practical demonstration about its utility & fruitfulness. (F) In order to maintain the hygiene 'Sanitary Pads ' were distributed among village girl child.

**एमआईटीआरसी के शिक्षकों एवं छात्रों ने स्मार्ट विलेज इनीसिएटिव ग्राम के अन्तर्गत ग्राम सिरमोली में दिया कम्प्यूटर प्रशिक्षण**  
विलेज इनीसिएटिव ग्राम सिरमोली में एमआईटीआरसी के शिक्षकों एवं छात्रों ने स्मार्ट विलेज इनीसिएटिव ग्राम के अन्तर्गत ग्राम सिरमोली में दिया कम्प्यूटर प्रशिक्षण।



# GLORIOUS MOMENTS

Real time project demonstrated by the students of various departments at Indian Publicity Exhibition Vehicle by Indian Air Force which was held on 25-07-2019.



Computer Science V Sem Students went to Jurassic Water & Amusement Park Sonapat (Haryana) along with faculties on 28th July 2019 where students enjoyed an entire day of the harsh summer in the water park inside the pools, slides and splash pads.

National workshop on reverse engineering was organized on 8<sup>th</sup> August 2019 for the students of Mechanical Branch. During this workshop industry expert Er. Avinash Upadhyay was the keynote speaker where he elaborated the relevancy and usefulness of reverse engineering in production department.



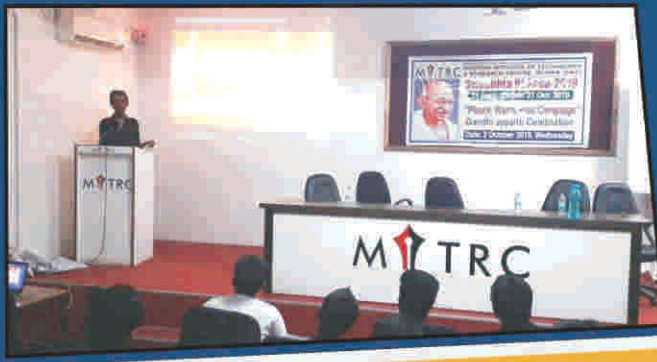
DSA Quiz Prize distributed on Engineer's Day & Foundation day of the college on 15<sup>th</sup> September 2019 where several students received certificates and awards.

Three days National workshop on "Mentoring the mentors of University on Human Values for Student Induction Programme" was organized at Institute of Engineering & Technology, Alwar (Rajasthan) from 25<sup>th</sup> September 2019 to 27<sup>th</sup> September 2019.





# GLORIOUS MOMENTS



On the auspicious occasion of Gandhi Jayanti (2<sup>nd</sup> October 2019) MITRC celebrated and promoted Plastic Waste Free Campaign during which they made student aware about the demerits of using plastic & how by saying no to plastic they can make environment eco-friendly.

An educational field excursion was organized for the students of computer science & engineering branch to the Biodiversity Park on 11th Dec 2019. During this visits students not only enjoyed the natural beauty but also understands the importance of healthy and dirt free environment.



Hackathon organized by Department of Higher & Technical Education in association with Manipal University & Technomedia Pvt. Ltd. between 17-18 Dec. 2019 on various themes.

Bharat Vikas Parishad, Alwar organized an inter college hindi debate competition on 8<sup>th</sup> January 2020 in which several students of Management Studies participated and received the certificates of participation and appreciation.



AICTE conducted seven days residential faculty development programme on human values for student induction between 17<sup>th</sup> to 23<sup>rd</sup> January 2020 at Punjab University Campus where three faculty members from MITRC Dr. S.B. Batra, Dr. Bhuwan Gupta & Mr. Akash Anand attended the programme & after the successful completion of programme they received the certificates

# MERITORIOUS STUDENTS



**B.Tech CSE Student Akanksha Gupta (Batch 2014-18) Received Medal & Degree in 9<sup>th</sup> Convocation at RTU Kota for Securing 1<sup>st</sup> Position in RTU Merit List.**



**B.Tech CE Student Honey Jain (Batch 2014-18) Received Medal & Degree in 9<sup>th</sup> Convocation at RTU Kota for Securing 1<sup>st</sup> Position in RTU Merit List.**



**MBA Student Nansi Goyal (Batch 2016-18) Received Medal & Degree in 9<sup>th</sup> Convocation at RTU Kota for Securing 2<sup>nd</sup> Position in RTU Merit List.**



**MBA Student Lavina Goyal (Batch 2016-18) Received Medal & Degree in 9<sup>th</sup> Convocation at RTU Kota for Securing 3<sup>rd</sup> Position in RTU Merit List.**



**4<sup>th</sup>**  
Rank  
in RTU

**PALAK JAIN**  
Batch 2014-18  
Branch : ECE



**5<sup>th</sup>**  
Rank  
in RTU

**EVA KATTA**  
Batch 2014-18  
Branch : EE



**6<sup>th</sup>**  
Rank  
in RTU

**PRIYANSHI SAINI**  
Batch 2014-18  
Branch : ECE



**6<sup>th</sup>**  
Rank  
in RTU

**RUBY GAUTAM**  
Batch 2014-18  
Branch : EE



**6<sup>th</sup>**  
Rank  
in RTU

**KAIFA KHAN**  
Batch 2014-18  
Branch : Civil

# GLIMPSES Department of Computer Science Engineering

Practical training on C & C++.CSE-B.tech for IInd sem student by Mr. Madan Pachori And Mr Avnesh Joshi on 29 June 2019.



V<sup>th</sup> Sem Students went to Jurasik Water & Amusement Park Sonipat (Haryana) along with faculties on 28/7/2019.



Induction Program for I year student from 1<sup>st</sup> to 21<sup>st</sup> August 2019.



Convocation programme was Organized on 19<sup>th</sup> August 2019 at MITRC in which there were alumni from Management and Engineering branch for session 2017-18. Chief Guest for Program was Mr. Vinod kumar Tiwari, IRS(Principle commissioner of Income Tax)

National Workshop on "Machine Learning with Python" On 30-August-2019, by Mr. Vishal Samresh from Ducat Noida for CSE 5<sup>th</sup> Sem. students from the Department of Computer Science & Engineering



DSA Quiz Prize distribution on Engineer's Day & Foundation day of a college 15 September 2019.



Three days National workshop on "Mentoring the mentors of University on Human Values for Student Induction Programme" Organized at Institute of engineering & Technology, Alwar (Rajasthan) from 25 September 2019 to 27 September 2019.



B.Tech CSE V<sup>th</sup> SEM student went to participate in "Oasis 2k19" at BITS PILANI on 19/12/2019.

# GLIMPSES Department of Mechanical Engineering

Seminar on Latest development in Automobile Technology by Baba Technology 30 July 2019



Workshop on made easy organized on 8 Aug 2019



Teachers Day Celebrated on 5<sup>th</sup> Sept 2019



Engineers and College Foundation Day Celebrated on 18<sup>th</sup> Sept 2019

A seminar on Role of Digital Technology in chain Supply Management by Sh. L.R. Meena was organized on 1<sup>st</sup> Oct. 2019



Seminar on Supply Chain Management held on 17<sup>th</sup> Oct 2019



A Guest Lecture by Mr. Manoj Kumar (M.Des., IISc, Bangalore) on practical aspects of design for ME Students was organized on 17<sup>th</sup> Oct. 2019



National Hackathon took place between 16<sup>th</sup>-17<sup>th</sup> Dec 2019 at Manipal University, Jaipur

# GLIMPSES

## Department of Civil Engineering

Orientation I Year (06-08-2019)



TRIP TO WOW (11-08-2019)



CONVOCATION (19-08-2019)



TEACHERS DAY (05-09-2019)



ENGINEERS DAY (18-09-2019)



IAF BUS EXPO (24 & 25-09-2019)



A Guest Lecture for the students of V sem on limit state of collapse in shear was organized on 28-09-2019. The Keynote Speaker was Mr. G.D. Sharma

News Letter Award (05-10-2019)



# GLIMPSES Department of Electrical Engineering

Educational and Industrial visit at Yakult Danone India Pvt. Ltd. Sonipat (05-07-2019)



Projects of EE Department student at Indian Air Force (IAF) Bus Expo (25-07-2019)



Engineer's Day Celebrated by faculties and students of Electrical Department (18-09-2019)



A devotional visit to Karni Mata Temple by faculties of Electrical Department (02-10-2019)

Students of EE department participated in techfest at Jaipur (5-10-2019)



Get together party by faculties of EE department (21-11-2019)



Final Year Projects Submission (06-12-2019)



A Fun Tour to Biodiversity Park Alwar by students of EE Department (11-12-2019)

# GLIMPSES

## Department Of Electronics & Communication Engineering

Five Students of ECE Branch went to Water Park for Picnic along with the students of Electrical Engineering Branch.



Students of ECE Branch develops the Real Time Projects based on Real Time Problems of Society & Industries.



Students of MITRC along with Faculty Co-ordinator Mr. Deepak Sharma attended Culture Event "Konnichiwa Japan" at AICTE, New Delhi.



Student Sahil Jhalani & Priya Sharma participated in Chaatra Vishwakarma after clearing all the three stages: Idea Presentation, Selection & Video Presentation.

One of the student Sahil Jhalani of MITRC ECE Department Submitted the idea on Agriculture & Rural Development theme in Manipal Hackathon organized by Manipal University & Directorate of Higher & Technical Education.



MITRC conduct Internal Hackathon in which two students Sahil Jhalani & Priya Sharma were selected in SIH team after participation in Internal Hackathon.



A National Workshop on Internet of things was organized by ATAT, IIIT-D, AICTE on In this workshop, information was given about IOT,IOT Devices, Communication in IOT devices by various technologies.



A seminar on women empowerment was conducted by Prayas Sewa Sanstha on 25th January 2020 in MITRC during which Miss. Parul Gupta & Miss. Neha Sharma from Electronic & Communication Engineering actively participated.

# GLIMPSES

## B.Tech. 1<sup>st</sup> Year

**POSTER MAKING COMPETITION:** Poster making competition was organized by MITRC on 13<sup>th</sup> Aug. 2019.



**TEACHERS DAY:** Teacher's day celebration was organized by MITRC on 5 September 2019.



**FRESHERS DAY:** Fresher's party was organized by MITRC on 21<sup>st</sup> September 2019.



**INDUSTRIAL VISIT:** Students of first year were taken to industrial visit on 12<sup>th</sup> Oct. 2019 for giving them an exposure on the working of industries

**CONSTITUTION DAY:** Constitution day celebration was organized by MITRC on 26<sup>th</sup> November 2019



**MODEL EXHIBITION:** Model exhibition by students of first year was organized by MITRC on 7<sup>th</sup> Dec. 2019



Student of 1<sup>st</sup> year were taken to Bio Diversity Park on 8<sup>th</sup> January 2020



**Internal Hackathon:** MITRC Internal Hackathon was organized between 17 January and 18 January in which few students of first year participated.



# GLIMPSES

## Department Of Management Studies

MITRC organized Fresher's Party on 21<sup>st</sup> Sept. 2019 in order to welcome the new entrants by their seniors.



National Seminar On Young Entrepreneur  
Young India On 18<sup>th</sup>-19<sup>th</sup> October 2019



MBA I Sem Visited To Roca Bathrooms Pvt Ltd. At MIA, Alwar on 2<sup>nd</sup> November 2019 Along With Faculty Members



MBA I Sem Visited To Hi-tech Otto Busing Pvt. Ltd. Alwar On 17<sup>th</sup> November 2019 Along With Faculty Members

MBA I Sem Visited To AU Small Bank Alwar On 18<sup>th</sup> November 2019 Along With Faculty Members



26 Students of MITRC (Branches-MBA,CS and EE) participated in the Annual function of BITS, Pilani (Oasis 2019) held on 19<sup>th</sup> Dec. 2019



MBA II Sem Visited To Saras Dairy, Alwar On 9<sup>th</sup> January 2020 Along With Faculty Members



On 26<sup>th</sup> January 2020 BTU honored MITRC college for securing 1<sup>st</sup> position in the university Quality Index Value (QIV) in the management programme. College Principal Prof. Jarnail Singh, Head-MBA Mr. Vikas Mahalawat received certificate & trophy from honorable vice chancellor Prof. H.D. Charan.

# CREATIVE MINDS

## Hemant Sharma

B.Tech III Year, EE



Channel Name: Quick Learn  
Channel consist various topics  
of Electrical Engineering  
<https://www.youtube.com/channel/UCNmaszwtDkt8lzz3FP2LIHg>

## Pawan Sharma

B.Tech II Year, CSE



Channel Name: Unique coaching  
This channel is created to clarify  
all the doubts related to Maths &  
Science of class 9<sup>th</sup> to 12<sup>th</sup>.  
<https://youtu.be/0IUomEJU6R0>

## Ritvik Batra

B.Tech III Year, CSE



Channel Name: RCODES  
Channel consist of C language  
lecture tutorials  
[https://www.youtube.com/channel/UCdX22aAJOy2iPADVPz\\_qkxw](https://www.youtube.com/channel/UCdX22aAJOy2iPADVPz_qkxw)

## Kartik Jain

B.Tech IV Year, ME



Insta page: The\_jain\_deadinside  
It consist of various self made quotes

[https://www.instagram.com/the\\_jain\\_deadinside/](https://www.instagram.com/the_jain_deadinside/)

## Sakshi Ahuja

B.Tech IV Year, CSE



Channel Name- Cheesy fitness  
You can find tips for fitness, Health,  
Skincare, Receptions and Life style  
<https://thecheesyfitness.com/white-sauce-pasta/?amp>

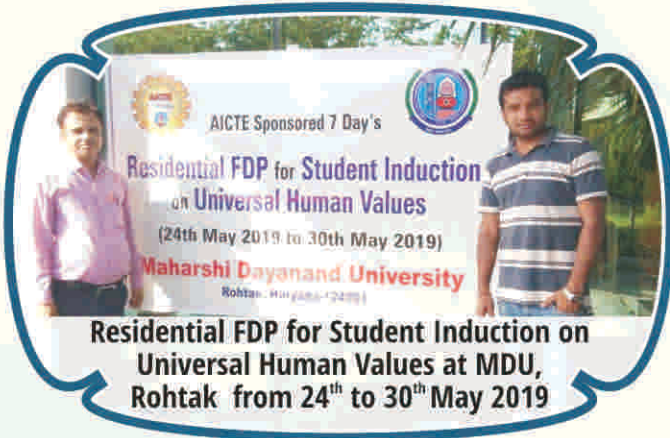
## Rishabh Sacheti

B.Tech IV Year, CSE



Channel Name: True Talks  
You can find B.Tech Maths solution ,  
interesting facts about internet &  
new android apps  
[https://m.youtube.com/channel/UCywSqkjDoFqDpeT\\_xtbCqUw](https://m.youtube.com/channel/UCywSqkjDoFqDpeT_xtbCqUw)

# INTERACTION WITH OUT SIDE WORLD



**Residential FDP for Student Induction on Universal Human Values at MDU, Rohtak from 24<sup>th</sup> to 30<sup>th</sup> May 2019**



**National level Hackathon at Manipal University, Jaipur from 16<sup>th</sup> to 17<sup>th</sup> December 2019**



**Infosys-Techzooka on 18<sup>th</sup> December 2019**



**Oasis'19 Intercollegiate fest of BITS Pilani from 19<sup>th</sup> to 23<sup>rd</sup> December 2019**



**Intercollegiate Hindi Debate Competition on 8<sup>th</sup> January 2020**



**PPT Competition on "Supply Chain Management" organized by IIMM on 9<sup>th</sup> January 2020**



**Awareness Workshop-MSME, Bhiwadi on 9<sup>th</sup> January 2020**



**Business Quiz-IIM, Jaipur on 8<sup>th</sup> February 2020**

## New Emerging Field Data Analytics (DA) and Its Importance

Data generation occurs through many users, industries, and businesses. It is crucial to amalgamate this data that have been generated through the business. If it gets wasted, lots of valuable information will be lost.

Previously, skilled analysts were required for processing the data but these days there are tools used for high-speed data and this helps in incorporating the data analytics at the time of making decisions. The increasing importance of Data Analytics for business has changed the world in the real sense but an average person remains unaware of the impact of data analytics in the business. Some of the ways this has impacted the business include the following:



### 1. Improving Efficiency

All the data collected by the business is not only related to the individuals external to the organization. Most of the data collected by the businesses are analyzed internally. With the advancements in technology, it is become very convenient to collect data. This data helps to know the performance of the employees and also the business.

### 2. Cost Reduction

Big data technologies like cloud-based analytics and Hadoop can bring huge cost advantages if it relates to storage of large data. They can also identify the efficient ways to do business. You not only save money in terms of infrastructure but too, save on the cost of developing a product which would have a perfect market-fit.

### 3. Faster and Better Decision-Making

The high-speed in-memory analytics and Hadoop in combination with the ability for analyzing the new data sources, businesses can analyze the information almost instantly. This comes out to be a big time-saver as you can now deliver more efficiently and manage your deadlines with an ease.

### 4. New Products/Services

With the power of Data Analytics, the needs and satisfaction of the customers are met in a better way. This helps one to make sure that the product/service aligns with the values of the target audience.

### 5. Witnessing the Opportunities

Though the economy is changing and the businesses want to keep pace with the trends, one important thing that most of the organizations aim for is profit-making. Here, Data Analytics offers refined sets of data that can help in observing the opportunities to avail.

### Conclusion

Importance of Data Analytics is truly changing the world. Whether it is the sports, the business field, or just the day-to-day activities of the human life, data analytics have changed the way people used to act. It now, not plays a major role in business, but too, is used in developing artificial intelligence, track diseases, understand consumer behavior and mark the weaknesses of the opponent contenders in sports or politics. This is the new age of data and it has unlimited potential.

**Dr. Neeraj Jain**

Assoc. Prof. ECE Dept.  
Dean Examination

## 10 HABITS OF SUCCESSFUL STUDENTS



1. Get Organized. Making a plan for what you're going to do and when you're going to do it will make sure you're always ahead of the curve - literally.
2. Don't multitask. Studies have shown that multitasking is physically impossible.
3. Divide it up. Studying isn't fun to begin with, and forcing yourself through a study marathon will only make it worse. Dividing your work into manageable chunks and rewarding yourself when you finish each chunk will make studying (more) fun.
4. Sleep. Don't underestimate the importance of those eight hours of every night! Getting a good night's rest will sharpen your focus and improve your working memory.
5. Set a schedule. Do you work better right after school or after you've eaten dinner? Are you more productive in 90-minute blocks or half-hour spurts? Find a schedule that works for you, and stick to it.
6. Take notes. Taking notes will not only keep you more engaged during class, but will also help you narrow down what you need to study when exam time rolls around. It's much easier to reread your notes than to reread your entire textbook!
7. Study. This one might be obvious, but did you know that there's a right and a wrong way to study? Review your material several days ahead of time, in small chunks, and in different manners (for example, write flashcards one day and take practice tests the next). In other words, don't cram.
8. Manage your study space. Find a place that will maximize your productivity. Look for places away from the television and other distractions. Whether it's your local library or just the desk in your bedroom, set aside a study space that you'll want to spend time in.
9. Find a study group. Sitting down with a group of people who are learning the same things as you is a great way to go over confusing class material or prepare for a big test. You can quiz each other, reteach material, and make sure that everyone is on the same page. After all, teaching someone else is the best way to learn.
10. Ask questions. You're in school to learn, so don't be afraid to do just that! Asking for help - from a teacher, a tutor or your friends - is a sure-fire way to make sure you truly understand the material.

**Richa Gautam**

Asst. Prof., Dept. of CSE

## DIGITAL STEGAOGRAPHY



With the progression of the digital age, digital steganography has become more practical and powerful as data is the soul of computer communication. The digital information revolution has brought about profound changes in day-to-day life. Due to the increase in exchange of data over the computer network, the security of data has become major concern and so the confidentiality and data integrity are required for protecting against unauthorized access and use. This has resulted in an explosive growth of the field of information hiding. The attacks on information systems; cyber-security and cyber-forensics have become a primary concern for both Governments and commercial industries. For many years, data hiding has captured the attention of designers, developers and evaluators of for processing sensitive information and to establish covert channels in order to conceal sensitive information. Data hiding is a method of hiding secret data in to a digital medium so that the hidden data are imperceptible to everyone except the intended recipient. There is global interest in steganography technology, research and development has exploded in recent years. This is because of the potential of digital steganography to establish covert channels for communications. With digital steganography, it is possible to hide information inside a digital file without causing perceptual degradation. It could be done by embedding information inside a file through a technique manipulate or modifies the unused bits of digital media and such modification is not visible. Subsequently, the receiver to whom the message is delivered can also extract the hidden information from the cover media. Steganography provides the capability to hide the confidential data, hardness of detecting the hidden data and strengthening of the secrecy of the hidden data. Methods of steganography have existed for centuries, although with the advent of digital technology; have taken on a new form. Steganography has a wide range of applications mainly in the security of the digital data. They are also getting attentions. Because of self awareness to increase security system and also after the world wide security attack. Research including data inside image file using steganography technique is a topic of great interest. Given the proliferation of digital image and given the high degree of redundancy present in its binary representation, there has been an increased interest in using images as cover-objects for the purpose of steganography.

**Sneha Rachna**

Asst. Prof., Dept. of CSE

## NATIONAL SERVICE SCHEME (NSS)

### Introduction:

National Service Scheme (NSS) is an Indian government-sponsored public service programme conducted by the Department of Youth Affairs and Sports of the Government of India. The scheme was launched in Gandhiji's Centenary year, 1969. Aimed at developing student's personality through community service and actual participation in day-to-day life of the society, This process of learning is not only a desirable supplement to the classroom education but develops in the student a sense of responsibility, tolerance and cooperation. The cardinal principle of the NSS programme is that it is organised by the students themselves, and both students and teachers through their combined participation in community service, get a sense of involvement in the tasks of nation building.



### Aim:

NSS aims to inculcate social welfare in students, and to provide service to society without bias. NSS volunteers work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity. In doing so, volunteers learn from people in villages how to lead a good life despite a scarcity of resources. It also provides help in natural and man-made disasters by providing food, clothing and first aid to the disaster victims.

### Motto:

The motto of NSS is 'Not Me But You'. This reflects the essence of democratic living and upholds the need for selfless service. It underlines that the welfare of an individual is ultimately dependent on the welfare of society on the whole. Therefore, it should be the aim of the NSS to demonstrate this motto in its day-to-day programme.

### Objectives:

The overall objective is education. Service to the community is the activity through which this objective is attained. The specific objectives of NSS are: To arouse social consciousness of the students by providing them opportunities to work with and among the people. To develop an awareness and knowledge of social realities to have concern for the well being of the community and engage in creative and constructive social action. To provide with rich and meaningful educational experiences to them in order to make their education complete and meaningful. To develop skill needed in the exercise of democratic leadership and programme development to help them get self-employed. To give them the opportunities for their personality development.

### NSS Activities:

Some one day activities, a seven day special camp and some other programmes are held annually, funded by the government of India, and are usually located in a rural village or a city suburb. Volunteers may be involved in such activities as: cleaning, plantation, awareness rallies, inviting doctors for health camps, blood donation camps, traffic control (regulating queues in temples and preventing stampedes at functions), celebration of important days, orientation camps, participation of students in various seminars/conferences, raising of funds for various altruistic activities, stage shows creating awareness of social problems, education etc.

Benefits of Joining NSS:

NSS offers a wonderful opportunity to use a part of spare time to help the persons living in slums and villages. It gives a great satisfaction, motivation and confidence to develop personality and provides to train as leaders and decision makers.

**Dr. Raish Muhammad**  
Programme Officer  
National Service Scheme

# IKIGAI

Ikigai is a Japanese word which is the union of two words iki, meaning life and gai, meaning value or worth. The ikigai is essentially about finding your purpose in life i.e., the realisation of hopes and expectations in life. It is a concept to find the secret of longevity and purpose in life. "Ikigai can be translated as "a reason for being" - the thing that gets you out of bed in each morning.

Ikigai is also the secret to longevity in Japan. The BBC reported that Japan is known for having some of the longest-living citizens in the world-87 years for women and 81 for men per the country's.

In business, the incorporation of the elements of ikigai to an employee's position is thought to yield the highest levels of employee engagement and productivity while also fostering job satisfaction and loyalty to the organization.



## How to Find Your Ikigai



In above diagram, the following elements overlap:

- ◆ What do you love?
- ◆ What are you good at?
- ◆ What can you be paid for?
- ◆ What does the world need?

What you find at the intersection of those four lists is your ikigai. If you've already retired, you can remove "what you can be paid for" from those elements and you can still find your ikigai from the remaining three.

In fact, a paying job might not have anything to do with your ikigai. In a survey of 2,000 Japanese men and women conducted by Central Research Services in 2010, only 31 percent of participants considered their work as their ikigai, the BBC reported. Plenty of Japanese retirees find greater purpose in their hobbies after leaving the office, which not only keeps them active but also gives their lives a sense of meaning after ending their careers.

## THINK ABOUT YOUR "FLOW"

While you can make lists of the four elements above and figure out what it is at the center of them all, finding your ikigai can also be as easy as just stopping yourself throughout the day and ask yourself: Why are you doing this?

Once you notice what tasks you do in a state of "flow," try to make changes in your life to focus on the things that have more meaning to you.

"For example I've become stronger at my daily job when it comes to saying 'no' to things I know dislike and I'm not good at, and putting myself into situations where I'm doing things that I love and I'm good at.

**Dr. Gajendra Kumar Saraswat**  
Professor, Mathematics Dept.

# Entrepreneurship is not something you do; it's something you are.

The inquiry you need to pose to yourself is: "What am I?"

This article may be about business enterprise; however you can apply it to everything throughout everyday life. Building a strong profession or business both require self awareness.

Again and again, we get things done for an inappropriate reason: Money, reputation, coolness, outside weight. Yet, throughout everyday life, it's greatly improved to follow your tendency. Obviously, to do that, you have to know your temperament first.

At that point, fabricate your life around what you are, not what you or others need you to be.

For example, I've generally been a business visionary. At the point when I was a child, I generally had a side-hustle. I tore CDs, printing booklets, and selling them for discounted. Not especially legitimate, yet hello, I had no idea in those days. That is who I am.

## Who are you?

- ◆ Ask yourself a couple of inquiries.
- ◆ For what reason would I like to begin a business?
- ◆ Am I intrigued by business enterprise or am I just pulled in to the result (opportunity, time, cash)?
- ◆ Would I like to gain proficiency with the aptitudes I have to succeed? As a business person, you need fundamental information on everything that occurs in your business.
- ◆ In case you're contemplating beginning a business, attempt to address a few business people in your condition. Get some information about what they do on a normal day.

Make up your mind after careful consideration. Not after watching a video from an idiot who is pretending he's living "the" life. Or after looking at some motivational quotes on Instagram. That's not entrepreneurship. That's a fantasy. Starting a business is hard work. But it's definitely not impossible. And everyone who puts their mind to it can make it happen. Just take the time to think about what you are. Then, start small. Don't overcomplicate it. It took me two business degrees to learn this simple strategy:

1. **Research:** Is there a need for your product? If it doesn't exist, it's probably because people don't care. Nothing is new in this world.
2. **Create:** Stick to one product/service. You don't need complex stuff with 10,000 variations.
3. **Sell it.** Yes, entrepreneurs are basically sales people who work for themselves.

That's all. And always repeat the same process if you want to introduce new products.

**Dr. Bhuwan Gupta**  
Assoc. Prof., MBA Dept.



**Anshul Agarwal**  
B.Tech, 6<sup>th</sup> Sem CSE





## कौन किसके बिना सूना

ज्ञान अधूरा होता है, संतों के सत्संग बिना।  
ज्योति बिना दीपावली सूनी, सूनी होली रंग बिना।।  
बिन स्वास्थ्य के जीवन सूना, सूना जीवन कार्य बिना।  
धन का नषा सभी को चढ़ता, भाई मेरे भंग बिना।।  
बिन वर्षा के सामन सूना, सूनी रातें चाँद बिना।  
डाली सूनी फूल बिना और इज्जत सूनी बात बिना।।  
मणि बिन सूना नाग कहता, सूनी मणि है नाग बिना।  
बिन विद्या के मानव सूना, नाम न होता त्याग बिना।।  
महफिल सेनी राग बिना, ज्यों भोजन सूना नमक बिना।  
उसी तरह से मिलो! मानव सूना है अनुराग बिना।।  
बिन विद्यार्थी कॉलेज सूना, सूना क्षत्री बाण बिना।  
बिन पुस्तक के बस्ता सूना, कॉपी सूनी काम बिना।।  
बिन दान के हाथ है सूना, मुख सूना है नाम बिना।  
बिन मूरत के मन्दिर सूना, सूना घर संतान बिना।।  
बिन आँसू के आँखें सूनी, सूना तन ज्यों प्राण बिना।  
बिन कोयल के उपवन सूना, सूना भाई बहिन बिना।।  
स्त्री सूनी पति बिना, और माता सूनी पुत्र बिना।  
बिन पुत्री पिता है सूना, सूनी नदियाँ नीर बिना।।  
बिन बछड़ा के गाय है सूनी, सूना सुख परिवार बिना।  
सच कहता हूँ भाई मेरे, सब सूना है ज्ञान बिना।।



**Dr. Gajendra Kumar Saraswat**  
Professor, Mathematics Dept.



**Anjali Gupta**  
B.Tech. 6<sup>th</sup> Sem, EE

## INTRODUCTION TO INTERNET OF THINGS

Internet of Things (IOT) is a hot topic, on which lot of research work, specially in India is in progress. An internet connection is a wonderful thing; It gives us all sort of benefits that just were not possible before. Think of cell-phone before it was a smart-phone. We could call and could text only, but now we can read any book, watch any movie, or listen to any song all in the palm of our hand. The Internet of Things is about extending the power of the internet beyond computers and smart-phones to a whole range of other things, processes and environments. IoT is simply the network of interconnected things/devices which are embedded with sensors, software, network connectivity and necessary electronics that enables them to collect and exchange data making them responsive.

### How IT works ?

An IT ecosystem consists of web-enabled smart devices that use embedded processors, sensors and communication hardware to collect, send and act on data they acquire from their environments. IOT devices share the sensor data they collect by connecting to an IoT gateway or other edge device where data is either sent to the cloud to be analysed or analysed locally. Sometimes, these devices communicate with other related devices and act on the information they get from one another. The devices do most of the work without human intervention, although people can interact with the devices -- for instance, to set them up, give them instructions or access the data. The connectivity, networking and communication protocols used with these web-enabled devices largely depend on the specific IoT applications deployed. Internet of Things, all the things that are being connected to the internet can be put into three categories:

### 1. Collecting and Sending Information

This means sensors. Sensors could be temperature sensors, motion sensors, moisture sensors, air quality sensors, light sensors, you name it. These sensors, along with a connection, allow us to automatically collect information from the environment which, in turn, allows us to make more intelligent decisions. On the farm, automatically getting information about the soil moisture can tell farmers exactly when their crops need to be watered. Instead of watering too much (which can be an expensive over-use of irrigation systems and environmentally wasteful) or watering too little (which can be an expensive loss of crops), the farmer can ensure that crops get exactly the right amount of water.

### 2. Receiving and Acting on Information

We're all very familiar with machines getting information and then acting. Our printer receives a document and it prints it. Our car receives a signal from your car keys and the doors open. The examples are endless the real power of the Internet of Things arises when things can do both of above.

### 3. Doing Both

Let's quickly go back to the farming example. The sensors can collect information about the soil moisture to tell the farmer how much to water the crops, the irrigation system can automatically turn on as needed, based on how much moisture is in the soil. We can take it a step further too. If the irrigation system receives information about the weather from its internet connection, it can also know when it's going to rain and decide not to water the crops today because they'll be watered by the rain anyways.

## COMMON APPLICATIONS OF IOT OF THINGS

### 1. Smart Home

With IoT creating the buzz, 'Smart Home' is the most searched IoT associated feature on Google. But what is a Smart Home? Wouldn't you love if you could switch on air conditioning before reaching home or switch off lights even after you have left home? Or unlock the doors to friends for temporary access even when you are not at home. Don't be surprised with IoT taking shape companies are building products to make your life simpler and convenient. Smart Home has become the revolutionary ladder of success in the residential spaces and it is predicted Smart homes will become as common as smart-phones.

### 2. Wearable

Wearable have experienced a explosive demand in markets all over the world. Companies like Google, Samsung have invested heavily in building such devices. But, how do they work? Wearable devices are installed with sensors and software which collect data and information about the users. This data is later pre-processed to extract essential insights about user. These devices broadly cover fitness, health and entertainment requirements. The pre-requisite from internet of things technology for wearable applications is to be highly energy efficient or ultra-low power and small sized.

### IOT security and privacy issues

The internet of things connects billions of devices to the internet and involves the use of billions of data points, all of which need to be secured. Due to its expanded attack surface, IOT Security and IOT privacy are cited as major concerns. However, hackers aren't the only threat to the internet of things; privacy is another major concern for IoT users. For instance, companies that make and distribute consumer IoT devices could use those devices to obtain and sell users' personal data.

### Future of IOT

IoT devices are becoming a part of the mainstream electronics culture and people are adopting smart devices into their homes faster than ever. By 2020, it is estimated that there will be up to 21 billion connected devices to the internet. IoT devices will be a huge part of how we interact with basic everyday objects.



Dr. S.B. Batra  
Prof. Dept. of ECE

## Importance of Hackathon for Engineering Students

Smart India Hackathon is a nationwide initiative by MHRD to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. In SIH, the students also have the opportunity to work on challenges faced within the private sector organizations and create world class solutions for some of the top companies in the world, thus helping the Private sector hire the best minds from across the nation. In SIH theme related to different aspect of technology like Smart Communication, Healthcare & Biomedical devices, Agriculture & Rural Development, Smart Vehicles, Food Technology, Robotics and Drones, Waste management, Clean water, Renewable Energy, Security & Surveillance, technology ideas in tertiary sectors like Hospitality, Financial Services, Entertainment and Tourism and Retail have been taken and its unique and cheap solution are provided by dedicated student team across India from imminent college like IITs, NITs and other prestigious colleges.



Smart India Hackathon is divided into two category (i) Hardware problem in which problem like cleanliness, smart vehicle, agriculture and rural development and waste management are taken away and (ii) Software problem in which a non-stop digital product development competition, where problems are posed to technology students for innovative solutions. It provide :

- (i) Harnesses creativity & expertise of students
- (ii) Sparks institute-level Hackathon
- (iii) Builds funnel for 'Startup India' campaign
- (iv) Crowd-source solutions for improving governance and quality of life
- (v) Provides opportunity to citizens to provide innovative solutions to India's daunting problems.

Student should must participate in smart India hackathon for Get innovative solutions to their problems in cost effective ways as well as opportunity to be a part of Nation Building Opportunity to brand company. The following advantage of participating in smart India Hackathon are:

- ◆ Nationally Recognition and visibility for your company across all premier institutions in India
- ◆ Talented youngsters from all over the country offer out-of-the-box solutions to your problems
- ◆ Be part of World's biggest Open Innovation Movement Opportunity to work with some of the best talents in the country

**Ranjan Kumar Patel**

Asst. Prof., Dept. of ME

## मुसाफिर

मत ठहर मुसाफिर इस नगरी  
नहीं तेरा कोई काम यहाँ  
उम्मीद बिकी, अरमान बिके  
कर मोल-भाव ईमान बिके  
बिक गई दिलो से खुशियाँ भी  
टुकड़े-टुकड़े इंसान बिके  
जिस्मों के तो बाजार लगे  
रुहो के भी है दाम यहाँ  
मत ठहर मुसाफिर.....  
दिल चीख-चीख कर हार गया  
पर जुबाँ को लकवा मार गया  
आजाद यहाँ बस एक वही  
जो चला छोड़ संसार गया।  
है बचा नहीं बेखौफ कोई  
ले सके जो अपना नाम यहाँ

मत ठहर मुसाफिर.....  
है बात उन्हीं की सच जिनकी  
हुँकारे सबसे ऊँची है,  
ना दूजा ज्ञान ना दूजा मजहब  
तालीम न कोई दूजी है  
सोने के सिंहासन बैठा  
भगवान उन्हीं की पूँजी है।  
अल्लाह को कैद मस्जिद ने किया  
मन्दिर में बन्द है राम यहाँ  
मत ठहर मुसाफिर .....  
है अमृत बरसता सावन के  
बादल जब नभ में घिरते हैं  
है फर्क किसे पड़ता अब  
जब मुर्दे सड़क पर गिरते हैं  
है अब प्रकाश का डर किसको  
खुले आम निशाचर फिरते हैं।



दिन-रात का अंतर खत्म हुआ  
धुँधली सी बस एक शाम यहाँ  
मत ठहर मुसाफिर इस नगरी  
नहीं तेरा कोई काम यहाँ।।

**Pawan Taneja**

Asst. Prof., Dept. of CE

## 10 QUALITIES OF A GREAT MBA STUDENT

Today, an MBA is one of the most sought-after graduate degrees and is the most popular online degree program. But though it is increasing in popularity, it is still as rigorous and challenging as ever. To succeed in a competitive MBA program, an MBA candidate should have certain characteristics, and here, the top 10 qualities of a great MBA student:



### 1. Commitment and Focus:

An MBA program isn't a cakewalk, and the most successful students are the ones who are absolutely committed to the program and to their own career goals. You should have a clear idea of why you want an MBA and what you want it to do for your career. Keeping a strong focus on your goals will help you maximize your program's offerings and give you the most bang for your buck throughout the program.

### 2. Communication Skills:

Any effective business leader has to have great communication skills, and it certainly helps if those communication skills are honed before starting b-school! Great written communication skills, especially, will be imperative in an online MBA program since you'll likely be limited to using email and other online methods of communication to reach your professors and classmates.

### 3. Creativity:

Some of today's top businesses are those who think "outside the box" and develop ingenious solutions to common problems. An MBA candidate should be very creative and be able to come up with innovative and realistic ideas for their organization.

### 4. Decision-Making Skills:

A key aspect of leadership and management is being able to make effective decisions and think quickly on your feet. This is something that any good MBA candidate will need to have during school to successfully complete assignments and participate in activities.

### 5. Discipline:

A great online MBA candidate should be very self-disciplined. Not only does an MBA involve intensive coursework, the freedom of an online format only makes it easier to become distracted with other projects. To get a good grasp of the material and to make sure the work is being completed, you'll need to have great time management skills and be able to keep yourself in check.

### 6. Entrepreneurship:

The most successful MBA students and business leaders have a strong sense of entrepreneurship. They are interested in being innovative and have a strong commitment to success. They are driven and extremely motivated.

### 7. Ethics:

The most successful business leaders are those who practice with sound ethics in mind, and ethics are key to getting through business school, as well. In addition to understanding why good business decisions are made on the basis of ethical codes, it's important to work within your school's and your own ethical guidelines.

### 8. Leadership:

An MBA is a degree designed for those interested in leadership roles in their organizations, so the best candidates for an MBA will have strong leadership skills as well as an interest in increasing such skills.

### 9. Logical Analysis:

Many MBA courses involve logical thought processes, and thus, the most successful students have a strong sense of logical analysis. They are able to think through complex situations quickly and clearly to develop smart solutions and ideas.

### 10. Team-Oriented:

Just as a successful business is the work of all its employees, so is the work of an MBA candidate. MBA students will often be called upon to work in teams on various projects, and a great student will be able to handle the group work without a problem. An online MBA student, especially, should feel comfortable working with others through email and chat programs or even through the occasional face-to-face meeting.

Wish you good luck :)

**Nitesh Indoriya**  
Asst. Prof., MBA Dept.

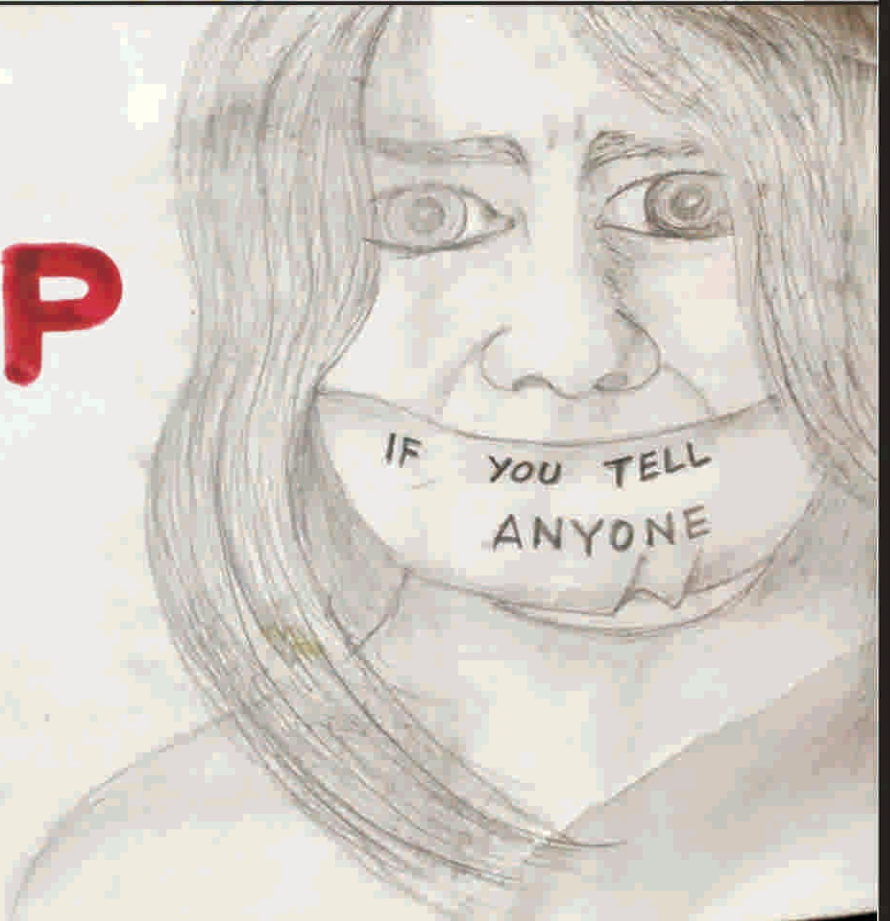


**Naman Singhal**  
B.Tech. 2<sup>nd</sup> Sem, CSE

**STOP**  
CHILD ABUSE



**Anshul Saini**  
MBA 2<sup>nd</sup> Sem



## आतंकवाद एक समस्या

आज इंसानियत को शर्मिदा होते हुए देखा है,  
आज मैंने पाकिस्तान को बेढंगा होते हुए देखा है।  
कुछ बातें ऐसी होंगी जो अब हमेशा अन कही होगी  
शहीद किये जो तुमने हमारे जमान  
क्या तुम्हारी माँ चैन की नींद सोई होगी।  
एक बच्ची से उसका बाप लिया,  
प्यार जो करता था बेहिसाब किया  
क्या सोचा कभी तुमने की,  
वो बच्ची कितना रोई होगी।

पेशावर की बात मैं लाऊं  
अब 16 दिसम्बर 2014 का वो दिन याद दिलाऊं  
तुम्हारे बच्चों की जब मौत थी आई  
हर भारतीय की आँख भर आई।

तुम्हारे लिए आतंकवाद बढ़ा है,  
हर आतंकवादी तुम्हारा खुदा है  
दर्द उठा अब जीने में  
आग उठी हर सीने में।

आज इंसानियत को शर्मिदा होते हुए देखा है,  
आज मैंने पाकिस्तान को बेढंगा होते हुए देखा है।।



**Lavina Takwani**  
MBA 2<sup>nd</sup> Sem



## वक्त

आज को कल और कल को परसो  
देखो ना जरा वक्त को बीते हो गए बरसों।।  
कुछ जरा सा तुम बदले, कुछ तुम्हारा मुकाम बदला  
आज भी सब वहीं है, बस थोड़ा सा अंजाम बदला।  
सूरज की वहीं किरणें हैं, तो चमक भी वहीं है चाँद की  
हर एक शाम भी सुहान और रात तो वहीं कमाल सी।

एक वक्त ही तो है, देखों जिसने तुम्हें बनाया है  
कभी गिराया है, तो कभी ऊँचा सा उठाया है  
यह वक्त है जिसने हमें जीना सिखाया है,  
कभी हसना तो कभी रोना सिखाया है

वक्त की कदर करने के लिए, बस यही एक पल काफी है  
नहीं तो पछतावा करने के लिए तो पूरी जिन्दगी बाकी है।।

आज को कल और कल को परसो  
देखो ना जरा वक्त को बीते हो गए बरसों।।

**Aashish Tirthani**  
MBA 2<sup>nd</sup> Sem



## MY LAST WISH

Tell my mom not to cry,  
 When my body stuck with bullets comes to home.  
 Tell my father to be proud,  
 Because I didn't leave the weapon until the end.  
 Tell my sister to always be happy,  
 As her brother will not tease her anymore.  
 Tell my friends not to be panic,  
 As my memories will last with forever,  
 Tell my brother not to get depress,  
 As he has to support our family after my surpass.  
 Bury me with my uniform on,  
 And medals attested with my chest upon.  
 Don't blame others for my death,  
 As I chose this as my fate.  
 I want all of you to be proud,  
 As my body would be cover in  
 Indian flag shroud...!

**Sanchit Khandelwal**  
 B.Tech. 8<sup>th</sup> Sem CSE



**Tejasvi**  
 B.Tech. 4<sup>th</sup> Sem ME



**Mohit Bansal**  
 B.Tech. 4<sup>th</sup> Sem CSE

## माँ तेरी बहुत याद आती है

माँ तेरी बहुत याद आती है  
बचपन में हर रात तेरी थपकियों से सुलाती थी  
माँ अब तुझको देखे बिना ही सुबह हो जाती है  
माँ तेरी बहुत याद आती है।

दिनभर खेलकर जब घर आता था तो माँ कहा है  
बस यही पूछकर दिल को तसल्ली हो जाती थी  
अब घर आये बिना ही रातें हो जाती है।  
माँ तेरी बहुत याद आती है।।

जब था तेरे पास हर चीज खाने में नखरे क्या करता था  
देखो ना अब बिना कुछ खाये ही सुबह से शाम हो जाती है।  
माँ तेरी बहुत याद आती है।।

बचपन में कभी सोता ना था मैं तेरे बिना  
माँ देखो ना अब तुम्हारी यादों में नींद आ जाती है  
रहता तो हूँ तुमसे दूर एक छोटा सा कमरा लेके  
लेकिन उस कमरे की हर दीवार से माँ सिर्फ तेरी ही आवाज आती है।  
माँ तेरी बहुत याद आती है।।



**Harshvardhan**  
Batch 8<sup>th</sup> Sem, ME



## खोटा सिक्का

आँखों में जिनकी कभी चमकता था  
उनको ही आज खटकता हूँ !

रौब से जो हाथ मिलाते थे कभी  
उनको ही नजर बचाते पाता हूँ !!

गले लगा करते थे जो बेवक्त बेवजह  
उनके घरों से ही निकाला जाता हूँ !

कीमत अपनों में कुछ ना बची है  
इसलिए अंधेरे में जीता हूँ !!

समझ गया मतलबी दुनिया को मैं,  
इस लिए खोटा सिक्का कहलाता हूँ !!

**Kartik Jain**  
Batch 8<sup>th</sup> Sem, ME



# TECHNICAL COMMUNICATION AND ITS IMPORTANCE FOR ENGINEERS

Technical communication is also a type of communication that has a specific purpose with a well-defined audience. Technical communication has to be correct, accurate, clear, appropriate, and to the point. The language should be clear and easily understandable.

One of the chief objectives of Technical Communication is to provide organized information that aids in quick decision-making. "A report or paper must be written. Anyone engaged in scientific work who is incapable of making this kind of report is not a scientist but a technician, not an engineer, but a mechanic. Proficiency in his written and spoken dialect is a badge which cannot be counterfeit".



Now the question is what skills do engineers need most to be successful in their jobs? A lot of research studies have come to the conclusion that communication skills are extremely important for engineers.

Studies conducted at Ohio State University, Purdue University, and the New Jersey Institute of Technology have arrived at this finding that problem solving is considered to be the most important skill, but secondary to that are teamwork, communication (oral and written), and management skills.

According to Lang, James, Cruse McVey & McMasters (1999) engineering is a rapidly changing field requiring a broader set of skills than was once thought necessary in the engineer's college education.

Engineering work is highly dependent upon communication skills. Engineers must be able to report their ideas and designs clearly and succinctly to their subordinates, co-workers, supervisors, and clients.

The format of engineering communications can vary widely, from order placement letters to letters of enquiry, from technical proposals to summaries of calculations, from official technical memos to analytical reports, from product instructions (manuals) to power-point presentations.

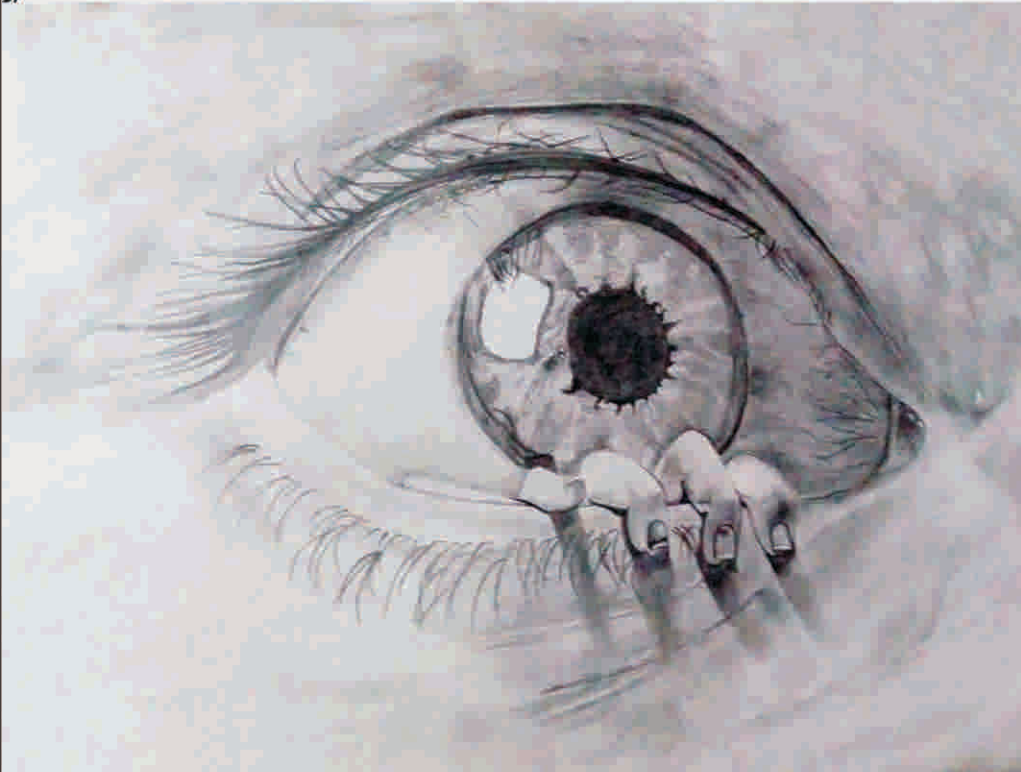
By sound technical communication skills, a person utilizes various visual aids like tables, graphs, charts, drawings, diagrams, photographs and maps in their reports and presentations. And a well-designed professionally generated presentation has the capability of increasing audience interest and also to increase the impact of message. It also helps the listeners to retain information and the speakers to present ideas without depending on any paper notes. In the present era the field of technologists needs skilled communicators.

They need to have the ability to listen, understand, distill, and further communicate information. Effective communication skill is an important life skill required not only in one's academic and professional career but also in one's personal career. And in this process along with linguistic features paralinguistic features also play a key role.

The actual challenge before the Engineering students starts when they cross the threshold of the college and enter their professional life. In this process they have to go through various entrance tests and interviews. Verbal ability forms a major portion of these tests.

Without sound language/communication skills, the students with engineering background find themselves almost under-prepared for such tests and interviews. Thus to become professionally successful, It becomes imperative for the students to be technically proficient in handling the language skills.

**Umesh Soni**  
Batch 4<sup>th</sup> Sem, CSE



**Karuna**  
MBA 2<sup>nd</sup> Sem



**Rashi Jain**  
B.Tech. CSE, 2<sup>nd</sup> Sem



## NEVER GIVE UP

My life has been good  
That I must admit  
But there were times  
When I did want to quit.

But I always had someone ,  
Telling me don't give in  
Because when you don't give your all,  
That is the real sin.

You may see me struggle,  
but you won't see me fall.  
Regardless if I'm weak or not,  
I'm going to stand tall.

In the world full of obstacles,  
In the world full of miracles.  
After each fall, there is a rise  
After each battle, there is a prize

And even though it's hard  
and I may strive through it all,  
you may see me struggle...  
but you will NEVER see me fall.



**Harshit Sharma**  
B.Tech. 8<sup>th</sup> Sem EE



**Ismudeen**  
B.Tech. 6<sup>th</sup> Sem ME



## HOW TO DEAL WITH PEER PRESSURE?



As a soon-to-be graduate, I can't help but feel nostalgic about the past four years I've spent in MITRC. It's been an amazing journey of both struggle and growth, where I've matured into the person I'm meant to be - fearless of taking chances.

When you enter college, you meet different people with their respective views and opinions, and then you have the desire to fit in and feel like you are a part of the group. When you're in college, it can be harder to avoid peer pressure since you're on your own, an adult, and maybe even living away from home. Your parents are no longer there to watch over you, and ultimately you will be responsible for the decisions you make.

Everyone knows the old saying, "If all your friends were going to jump off a bridge, would you jump too?" It usually invokes an eye roll, but the fundamental issue is one that almost everyone faces at some time: how to deal with peer pressure. Young people especially may struggle to cope with varying forms and degrees of peer pressure - whether it's keeping up fashion trends or being subjected to hazing in a fraternity house.

Peer pressure tends to grow in intensity as students move up through the grades; by the time they reach high school, fitting in has become a priority - and often a source of anxiety - to many. While peer pressure can be manifested in any number of ways, it's typically focused in a few common areas. For example, when hanging out with a group of friends who are doing crazy things, standing firm against it - or even walking away - can be difficult.

Peer pressure is akin to the idea of conformity. It occurs when an individual feels as though they need to do the same things as people their own age or in their social group to be liked or accepted.

To gain that affinity and respect, some individuals will do things they don't feel they should or things that they might not feel ready for, in order to fit in and be like those around them.

Standing up for yourself can be daunting, especially in the face of a group that is pressuring you to do something.

Spend time with those who resist peer pressure. They're the ones who stand up for themselves even in the face of bullying. These are the people you want in your corner. Learn how to be assertive. Always ask for help if necessary. If you're faced with relentless bullying, don't simply wait for it to go away. Reach out to a teacher, mentor, parent or counsellor to get some help with the problem. Choose friends carefully. Remember, a true friend won't push you to do something that makes you uncomfortable. And when it comes to resisting negative pressures, it helps to have a buddy. Agree that you'll have each other's backs on certain things. Provide your own positive pressure. Rather than simply fighting against negative pressure, focus on providing a positive alternative. Remember that it's okay to be alone. Sometimes we give into peer pressure to avoid feeling lonely. But spending time with yourself is a way to rejuvenate and reinforce your own priorities. Go with your guts. If something doesn't feel right for you, then it's not. Period.

**Tanvi Gupta**  
B.Tech. 8<sup>th</sup> Sem, ECE

## THE NATURE



Calm the winds as angels sing,  
Beloved' tune and blossoms bring.

Little buds kissed by dew,  
Conveying pretty thoughts of you.

Hearts entangled with heav'nly bliss,  
Spell the most enchanting kiss.  
Dreaming for the sweetest place,  
Nowhere less in your embrace.

Mellowing bells of autumn air,  
Gossiping about my love and care.  
Set the mood, begin the dance,  
Paint the colours of romance.

Inside out, your elegance shows,  
Inside me, this love grows.

'Tis your hair, your words, your smiles,  
'tis your most innocent eyes.

Twinkling stars will soon reveal,  
Drifting breeze that ever will.

Hold the moonstruck light,  
Let the amour consume the night.

Not at all will dreams expire,  
Keep it glowing, guard the fire.  
Hold my hand and don't let go.  
Feel my soul and you will know.

Beautifully-hued the sunset sails,  
Leaving dust of loving trails.

Caroling words that say I do.  
Princess, I'm in love with you.

**Himanshi Gupta**  
B.Tech 8<sup>th</sup> Sem, EE

# EUPHORIA



## Wedding & Cradle Bells..

MITRC Family congratulates the members for their new beginning & wishes them a happy married life



Mrs. & Mr. Arvind Sharma



Mrs. & Mr. Manish Kumar



Mrs. & Mr. Rahul Garg



URVISH MUKHIJA  
S/o. Manish Kr. Mukhija



NAVEEN  
S/o. Prashant Tyagi



ARPIT  
S/o. Kamal Jatav



GUNGUN  
D/o. Bhuwan Gupta



KASHVI  
D/o. Priyank Sharma



JAGVI DAS  
D/o. Biki Kumar Das



HARSHITA  
D/o. Patram



JESSICA  
D/o. Sudhir Ram

गुरुब्रह्मा गुरुविष्णुः गुरुदेवो महेश्वरः।  
गुरुः साक्षात् परं ब्रह्म तस्मैः श्री गुरुवे नमः

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