

A QUARTERLY BULLETIN OF



SWAMI KESHVANAND INSTITUTE  
OF TECHNOLOGY, MANAGEMENT  
& GRAMOTHAN

शारदीय अंक 40

# Colors of Freedom

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# SKIT Times

<b>RANKED NO.1</b> ENGINEERING COLLEGE IN RAJASTHAN By Rajasthan Technical University (RTU), Kota	 <b>RAJASTHAN TECHNICAL UNIVERSITY, KOTA</b> Rawatbhata Road, Kota-324010
	<b>CERTIFICATE OF EXCELLENCE</b> Rajasthan Technical University, Kota has awarded ranking to its affiliated institutes on the basis of Quality Index Value 'QIV' score. The University administration, on the auspicious occasion of the Independence Day Celebration on 15th August, 2018 is pleased to honour Swami Keshwanand Institute of Technology Management & Gramothan Ramnagaris, Jagatpura, Jaipur with a Certificate of Excellence, for obtaining First Rank within Category-A for the academic session 2018-19 in Engineering Program. The University wishes continuous progress of the institute to improve technical education in Rajasthan.  (Prof. Vivek Pandey) Dean, Academic Affairs

Consecutively Ranked No. 1 Engineering  
College by RTU (Kota) for 2nd Year in 2018

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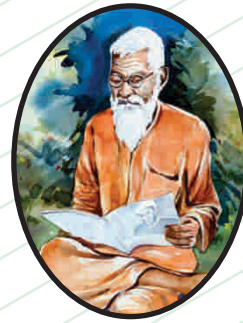
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## OUR MENTOR & PATH FINDER



Swami Keshvanand Ji  
(1883 - 1972)

### VISION

To promote higher learning in advanced technology and industrial research to make our country a global player.

### MISSION

To promote quality education, training and research in the field of engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

## PUBLISHER

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## THE EDITOR SPEAKS



Most of us consider freedom in a generalised form – mostly the political, the economic, the social, the outside freedom—which is not in our hands, but has been given to us. It can be taken away. Only that which has grown within cannot be taken away. Freedom should not be connected with independence. Independence is naturally from something, from somebody. This is only one part of freedom. When freedom from is fulfilled, we face the question—now what? Freedom for what? Freedom in itself has no meaning, unless it is freedom for something, something creative – freedom to sculpt, freedom to dance, freedom to create music, poetry, painting...

Freedom is to be in the innocent, natural state of 'your being'. A sword can cut your head but it cannot cut your freedom, your being. Freedom has many colours and shades like a rainbow, like a prism that reflects varied shades out of which many colourful flowers blossom in you. Love, compassion, faith, respect etc. are the different shades of flowers of freedom.

Freedom comes hand in hand with a responsibility, avoiding responsibility is not going to help. The sooner it is accepted the better, because as soon as we accept it, we can immediately start creating and sculpting ourselves in the most pristine way that will ultimately blend us to blissful joyousness and immense contentment. Tagore envisaged that freedom has a spiritual root. It includes freedom of expression and freedom of conscience. His concept of political freedom, like Gandhi, his 'Geetanjali' reflects his idea of freedom thus:

*"Where the mind is without fear,  
And the head is held high;  
Where knowledge is free;  
Where the world has not been broken up  
Into fragments by narrow domestic walls;"*

One has the freedom of choice to choose and sculpt one's life. Freedom is something inner, it has nothing to do with the outside; one can be free even in an actual prison. One is free to be oneself, but one should not be an interferer in other people's lives. A man of understanding will respect his freedom as much as he will respect freedom of others. It is a mutual understanding. We are interdependent—not only with the human beings, with the trees, with the sun, with the moon, with the stars but with the entire existence. Enjoy this interdependence. Don't call it a bondage. Even the smallest grass leaf is related to the greatest star. We must accept it joyously, not as a resignation.

**Enjoy it! Accept it!**

Krishna Sharma, Editor-in-Chief

## STUDENT EDITORIAL



More than a century ago, Indian peasants fought against the forced plantation of Indigo (Blue Dye) in their fields. They stood together and raised their voices against the tyranny, first time in their extended history of slavery. Whilst blue symbolized the color of oppression, the revolution against it served as the foundation of our freedom. After years of struggle, it eventually led us to the likes of saffron, white and green (the tricolor) they became the "Colors of Freedom", the symbol of freedom against the oppression.

When we look at our lives, it is nothing but a varied mix of colors. The colors of good and evil, honesty and treachery, peace and violence, equality and racism are all in there. Though they are the exact opposites of each other, they coexist in our lives, more accurately, in us. In present times, what we need is not just the external freedom but the internal freedom as well.

We need to be free from the internal maligning of ourselves by the colors of evil, treachery, violence, racism and gender inequality. True freedom is indeed internal where despite circumstances, we truly live a blissful life removed of our ego's influence. In this elevated state, we have true freedom, true free will, and clarity to choose our next steps.

I believe we are capable enough to realize which colors we need in our life. Need not to say, while the positive colors can do wonders in our lives, the negative colors could be disastrous for us. It all comes down to identifying the right choices.

It is equally hard to realize the right way to lead this gifted life and achieve the goal through right choice but it will give everything one could ever desire – contentment, peace, happiness and love. We just need to believe that there is always a better path.

We selected this theme for the youngsters being in a constant dilemma of which colors to choose from. This will help in understanding what the true colors of freedom are.

This issue of SKIT TIMES is focused on the freedom, be it in any form, of any type, at any point of time.

A link to the entire magazine issue has been provided to increase the accessibility of the issue. We are always open for your valuable feedbacks and suggestions.

**Abhinav Vijay**  
Student Editor, III B.Tech, Dept. of CS

# SHREE SURJA RAM MEEL

We feel proud to share that popular news magazine India Today has recently published an article (August 20, 2018) on our Chairman, Shri Surja Ram Meel depicting his entire success stories about how he managed to excel in every field-- ranging from real estate, education to export and retail while fulfilling social responsibilities.

**An IMPACT feature**

## A son of soil who rose to reach skies

*Surja Ram Meel, a leading industrialist and a socialite*



Surja Ram Meel, aged 67 years is a law graduate belonging to a reputed business family of Rajasthan having business interests in diverse fields of Real Estate and Development of Commercial and Residential projects, Primary and Technical Education, Handicraft Exports and Hospitality. Meel with business experience of close to forty years having started his career in tyre business in Sri Ganganagar and widely traveled to most parts of the world is a great visionary.

Youngest of seven brothers, Meel learned to shoulder responsibility early on in life as he was well aware that belonging to a family of humble means and lack of opportunities in a small village, he had to make the most of what he had. Ably supported by his elder brothers, who chose to work so that he could complete his education, he went on to finish his higher studies and led the family business initiative coming to Sri Ganganagar and then to Jaipur.

**Real Estate**  
In 1980 he shifted to Jaipur and started assisting his brother in Real Estate business. In 1982, he was instrumental in developing Hanuman Nagar and Hanuman Nagar Extn. residential colonies under Moti Bhawan Griha Nirman Samiti. Thereafter he engaged in the development of several residential and commercial projects in Jaipur, like City Centre, City Star and City Plaza along with a slew of other residential constructions. Late 90s saw a great boom in the residential housing in Jaipur and the group promoted M/s Satya Prakash Builders Pvt Ltd. Under this company, Meel started the biggest and most luxurious project in residential apartments under the name of "Royal Ensign" to be constructed at most prime real estate location of Statue Circle in the heart of Jaipur city. The concept of sky bungalows was introduced with duplex apartments and individual double story terrace with each unit. These premium apartments have become the ultimate symbol of luxury not just in Jaipur but in countries like USA, Japan and in Europe as well, since most of the buyers are NRIs. To date this is considered a land mark building and a prized possession for apartment owners in the project.

**Education**  
Spread of education in rural Rajasthan and empowerment through knowledge especially among women has been the driving force behind the actions undertaken by Meel in the field of primary, secondary and higher education. Towards this end a fully residential English medium school, Ch. Motaram Meel Memorial Sr. Sec. Public School (MRM) catering to the rural folk was established by him in 1992 at his native village Nirwana, Suratgarh in memory of his late brother Ch. Motaram Meel. This was followed by the group's foray into higher technical education in the form of Swami Keshwanand Institute of Technology Management & Gramothan (SKIT), a premier engineering college in Jaipur since 2000. SKIT is considered one of the best private engineering colleges in Rajasthan attracting thousands of applicants every year and creating

excellent job opportunities for those who pass through its hallowed gates. Continuing with the same tradition, the group, under Mr. Meel's leadership, has now set its gaze upon bringing quality education to the tiny tots and to introduce internationally followed best practices in elementary education. The results of its efforts are Gyandan Global Schools at Alwar and Hanumangarh.

**Hospitality**  
Under the able guidance of Surja Ram Meel, the group entered the hotel business with the launch of Hotel Golden Tulip (now Lemon Tree Premier) in 2007. This is a deluxe 108 room five star property with all the facilities desired by corporate and leisure guests. Under management tie-up with the Lemon Tree Hotels chain, this hotel has made a reputable name for itself in the city. This was followed by Nirwana Homestay, an 82-room hotel in the heart of city, under management tie-up with Sarovar Hotels. The group also owns and manages two smaller properties in Jaipur and Alwar under the brand Hotel Nirwana Palace, catering to visitors desiring affordable luxury with traditional Rajasthani haveli architecture as the theme.

**Export and Retail**  
The Meel group under the leadership of Meel also forayed into readymade garment retailing in 1989 with the city's first fully air-conditioned showroom called Shri Govindam followed by the renovated and already well known Kanta Textiles. In 1996, sensing great opportunities in handicraft export business, Hastkala Handicraft Exports was started which caters to the overseas market in the field of wooden and wrought iron handicrafts and furniture.

**Social Activities/Affiliations**

- Federation of Rajasthan Trade & Industry (FORTI)
- CREDAI Rajasthan
- Rajasthan State Real Estate Development Council (RAJREDCO)

Surja Ram Meel has been a visionary and guiding light of the family business group and continues to perform his duties as the family patriarch advising the younger generations and helping them prepare for the challenges that lie ahead. He is greatly revered by everyone in the family and his elder brothers seek his advice regularly in all important family matters. With special focus on the education sector, the group plans to launch more ambitious projects in future and hopes to achieve greater heights under his command.

*'Champions don't set out to be a leader... they set out to make a difference. It's never about the role...it is always about the goal.'*

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# NEWS FLASH

## AAGAAZ: A NEW BEGINNING

The commencement of the freshers' fresh lease of academic life at college began with their active participation in the induction program charted by the AICTE for the academic session 2018-19. A fifteen day program crammed with umpteen expert lectures from a wide array of fraternities to the student participation in lectures on Universal Human Values and Creative Arts brought forth the novel aspects of learning. The induction programme 'Abhinav Aayaam' flagged off with an orientation program entitled 'Aagaaz' on the first day. The students were invited with their parents to witness the grand ceremony in the college. Additional DIG, Dr. Rajeev Dasot was the chief guest of the ceremony Chairman, Shri Surjaram Meel; Director, Shri Jaipal Meel; Prof. S. L. Surana, Director Academics; Prof. Ramesh Pachar, Principal; Smt. Rachana Meel, Registrar; Prof. Hemlata Dullar, Principal SKIP; Prof. Sudha Calla, head in charge, first year and all the Heads, Deans and faculty members of various departments within the college graced the occasion.

The program, began with the address of Shri Surjaram Meel, who, in his jubilant voice, welcomed the new entrants and their parents. He made the freshers feel at home in the campus. He assured the parents to not worry about their wards as they were in safe hands. He further stressed upon the inculcation of the basic values of diligence, dedication and discipline in life. Quoting his own example of hailing from a small village in Ganganagar, he revealed how his determination and dedication led him to the pinnacle of progress where he exists today. He also highlighted upon the indispensable necessity of a joint family in today's scenario where people are so lost in the material world that they have almost forgotten the basic human values of trust, respect, love and above all the value of mutually fulfilling relationship.

The chief guest of the ceremony, Addl. DIG, Dr. Rajeev Dasot also echoed the same thread of values with equal panache through the lens of various examples quoted by him. The audience, with rapt attention, were highly impressed by his pristine uniform that he wore to set an example for the new entrants. He unravelled numerous instances of his professional life as superintendent of police where his priority had been the moral and human values taught to him in his tender years as a child. He also emphasized on the importance of time management in one's life. Time, as he said, "is too precious a thing to be wasted". The students gave a huge round of applause when he spoke at length about his sincerity and passion for his profession and his uniform.

In the same vein of discourse, Prof. S. L. Surana, (Director Academics) exhorted the students to focus on being good engineers as well as good citizens and wished them good luck for the future. Dr. Ramesh Pachar, Principal, SKIT briefed the students about the rules and regulations and the extra-curricular activities that take



place in the campus. Many cultural performances also took place. Ceremony ended with a vote of thanks by Dr. Calla, Director (Development and Welfare). He ensured everyone that the college campus is completely a Ragging - Free zone. Later on, the booklets for the two week long induction program were distributed to the students. Prof. Sudha Calla, Head in charge for first year enlightened the students about the various rules and regulations of college and also the academic system which is followed in the college. All the heads of the departments of first year took over the lectern to apprise the basics of their curriculum and to ensure them that the subject knowledge is disseminated preferably through power point presentations.

## ABHINAV AAYAAM: AN INDUCTION PROGRAMME FOR THE FRESHERS



The induction program was kicked off with the spectacular speech of Dr. Manpreet Singh Manna, Director AICTE, who introduced the highly popular government initiative "Swayam" where students can register themselves and become a part of the larger network of the MHRD. He also added that students must have confidence in their capabilities in order to achieve success in life and must never give up. The crux of his motivational lecture dealt with the seven vital relationships that a person shares with others throughout his life. He focused on the importance of parent-child bond and highlighted its sanctity. He further explained the value of quality engineers and the role of the institution to help students.

In the second session on the same day, Prof. Satish Batra, Director, Bhartiya Vidya Bhavan, Jaipur, talked about the basic characteristics

of successful people who are also always 'positive' in their approach towards life. He highlighted the need of becoming an assertive person, power packed with positivity. Dr. Teenna Sawhney, Chairperson, ALL Women's League, portrayed the importance of primary principles of the soft skills in our lives. The students were also enthralled by the discourse of Mr. Amit Kapoor, Director, Teolar High School, who shared the pivotal points of making an 'effective' CV to impress the recruiters. The best part of the induction program was the introduction of yoga and zumba exercises for the students. Each morning the students enthusiastically gathered on the ground to shake their bodies to match up their breaths together for the mass yoga sessions, skillfully conducted by Mr. Satveer Chaudhary, STA, Electrical Engineering department. Over all the induction programme turned out to be a huge success with cent percent attendance of students in varied activities chosen by them.

## SPIC MACAY

SPIC MACAY is a non-political nationwide voluntary movement that organizes programmes of classical music and dance, folk arts, classic cinema, screenings, heritage walks etc. inside school and college campuses throughout the world. The aim is to make students more aware about Indian and world heritage. On 8 August 2018, SKIT hosted a programme under SPIC MACAY heritage series. Classical 'dhrupad' singer Faiyaz Wasifuddin Dagar presented his creation "Kundarko Rang Feeko Laage" and kept the audience spell-bound with the flow of music through various 'ragas'. He was assisted by Shobhit Das and Shivam Bhardwaj on Tanpura Mohan Shyam Sharma on Pakhawaj. The programme concluded with 'Shiv Tandav Stotra'.

## INDEPENDENCE DAY CELEBRATIONS



Following the tradition of celebrating the national festivals with fervour every year, this year too, the Independence Day was celebrated with the same zest & spirit. The guests and college inmates were welcomed with a beautiful rangoli at the entrance of the venue. Mr. Sisir Banerjee was the chief guest in the program. The ceremony took off by flag hoisting followed by national anthem. The stage programme was conducted in Gyan Mandir Auditorium where the students of SKIT's Spic Macay Club initiated the show with their mesmerizing fusion of the classical and the contemporary styles in music. Fusion Band also gave a thunder-storming band performance. The musical repertoire was followed by the dance tuned up on the songs of national spirit. Shri Surja Ram Meel, Chairman SKIT, delivered the welcome note. He highlighted the importance of inculcating the spirit of patriotism. Continuing the same thread of thought was Director Academics, Professor S L

Surana's speech. He emphasised on the significance of discipline and diligence in life. The chief guest, Mr. Sisir Banerjee, President of Institute of Engineers India, enlightened the audience with his power-packed discourse on the ethiss of Indianism. The students of Chatra Sansad enacted a message on the theme of Swachch Bharat Abhiyan. The ceremony concluded with the thanks giving note by Professor N K Banthiya, Head, PAQIC.

## LEADERSHIP SKILLS ENHANCEMENT PROGRAMME



SKIT organized Leadership Enhancement Programme from August 18-22, 2018. It was conducted under the flagship of Mr. Suresh Patel, Management Trainer and Chief- functionary of Academy of Professional Excellence, Ahmedabad. Diverse programmes and social visits were held during these five days. It began with screening of the film 'Gandhi' followed by discussions, deliberations and feedback from the students. The next day was marked by some invaluable inputs on 'Authenticity' by Mr. Suresh Patel. He enlightened and sensitized the students that instead of merely preaching others we should live by what we preach. On the second day there was by a session with Mrs. Pramila Shandilya, Focal person UNGCNI, Rajasthan. She is also BPNi National Trainer and counselor for IYCF and Advisor SIDART (NGO), Jaipur. Day 3 began with an erudite lecture by Mr. Suresh Patel in which he shared some indispensable insights on 'Self-Expression'. He told the students about the correlation between authenticity, self-expression and value creation. Thereafter, Mr. Sudeep Goyal, the chief functionary of an NGO 'AashaKa Jharna' which runs 'Special Schools' at Nawalgarh, Jhunjhunu and Sikar interacted with the students and guided them the ideal way in which accounting and management plus other services can be provided by them in various NGOs. He exhorted the students to create their own apps and websites for helping the needy children.

On Aug. 21, Mr. Patel apprised the students of the importance of 'Value Creation'. Mr. Rajendra Bhanawat, former IAS and presently chairman of Sandhan (NGO) as well as vice-chairman of Rajasthan Chapter of Transparency International, India was also invited to grace the programme and to enlighten the students with his words of wisdom. He shared his own experiences with the students that how in different situations he acted authentically. On day 5, students were taken on a social visit to Sakhi BalNiketan and Amar Sewa Samiti NGO, Jhalana Doongri, Jaipur. It was concluded by an interactive session with Mr. Gopal, Chief-functionary of the NGOs. He highlighted the importance of vocational training to the students and encouraged the students to work actively for the betterment of poor children.

## ALUMNI COLUMN

### Tejvir Singh

PhD : Sustainable Energy (HBKU Qatar) - Qatar Foundation  
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### MY EXPERIENCE WITH SKIT



I am an alumnus of SKIT from the 2007-2011 batch and presently working for PhD in Sustainable Energy from Qatar Foundation (HBKU Qatar) on a full scholarship. After completing graduation from SKIT, I was selected for Erasmus Mundus Masters program (Joint European

Masters in Management and Engineering of Environment and Energy) which was conducted by consortium of universities including UPM Madrid, EMN France, BME Budapest (Hungary), Queens University Belfast (Ireland) and KTH Royal Institute of Technology Stockholm (Sweden). The prime focus of the course was on sustainable development and Europe's contribution in the field which ranges from the establishment of 20-20 objective, waste management to CSP power plants.

My experience with SKIT was memorable. The college provided quality education through its NBA accredited courses and a professional cohort of professors. Besides, the college also offered spiritual education through the "Spiritual Club" which was necessary for an overall personality development in addition to the material knowledge gained through the courses. The "Toastmasters Club" was the place to be in for proper personality development. Further, SKIT provided financial support for the development of project models without this solid help from the institution and guidance from the professors, we would just be building castles in the air.

Besides, I enjoyed my stay in the SKIT hostel which offered me a room all to myself on a reasonable rent with adequate quality food. The hostel staff was helpful and supportive. Practical learning plays a vital role in understanding the subject matter in detail and with greater clarity. Mechanical Engineering labs of SKIT had all the necessary machines and equipment which helped in understanding the concepts clearly. The college also provided a healthy learning environment where we were able to gain knowledge not only through regular classroom studies but also through practical work training. Also, SKIT perfectly worked on bridging the gap between

industry and students by providing appropriate training, placement drives, industry study visits to major industrial hubs of the country. Also, interaction with seniors helped in learning from their experiences. Finally, I would like to thank SKIT family for nurturing our skills. I would like to offer my best wishes to the students for their career and life ahead. Study and work smartly and follow your vision. But, never let go of the innocent and a kind-hearted soul in you, as it will protect you from arrogance and the resulting difficulties of life.

## EXPRESSIONS

### Prof. Narendra Kumar Banthiya, Head PAQIC



My experience with SKIT over these years has been an extremely elating one, be it my terms with other faculty members, the management or my students. I am very grateful to them all. My interest in learning inclined me towards this profession where I am most of the time associated with

young enthusiastic learners. Being surrounded by such hardworking and devoted people makes one work more faithfully in one's profession.

My main concern has been to work for the welfare of the institution apart from my own self. Ever since technology and the mindset of people has started changing, I believe even teachers and students ought to change in respect of seeking new resources to study and learn. I believe that learning is a continuous process and one needs to first imbibe the habit of learning new things. There shouldn't be a saturation point in learning. You learn when you're 8, when you're 30 and when at 80, as I am still learning; looking for new ways to enhance my hands on knowledge of technology. This is what I suggest my faculty members and students to do – to perceive changes and move ahead rather than mourn about the past losses.

Having been in a hectic profession where my input – time and energy- is required all the while, and I have to be faithful to my job. Many people like to switch places but I have been accustomed to working here since my time and energy are invested there. This is something I would want from my students – to be faithful to their job. Besides this, don't let money hold you back. Never run for small gates. Switch a place only when you think you can grow and not just to get more pay. Of course money is the most indispensable part of life today, but your character and hunger for growth will make you excel everywhere. These days, I often find people comparing themselves with their co-workers. Though competitive attitude is necessary to succeed, comparing yourself even for petty things will sow the seeds of frustration in you. I encourage everyone to practice meditation, yoga or any sort of exercise to keep the body, mind and soul fit and healthy. The fitter you are, the more is the aura you ooze and the more successful you happen to become.

# DEPARTMENT OF COMPUTER ENGINEERING

## WORKSHOPS ORGANIZED

1. A one week TEQIP-III sponsored Faculty Development Program on "Practical Exposure of Latex, MatLab, Python & Machine Learning" was organised by Dr. Mukesh Gupta in association with Rajasthan Technical University, Kota & department of CSE, SKIT M&G, Jaipur.

The work shop was organised from 11 to 15 June, 2018. 80 participants attended the workshop.

### Objectives of the program were:

- To provide a practical exposure of Latex and Mat Lab
- To understand the concept of Python and Machine Learning.

2. The 1st International Workshop on 'Image Processing and



Pattern Recognition' was organised by the department of CSE, SKIT M&G, Jaipur on 29 March, 2018.

115 participants from various colleges and universities attended the workshop.

### Objectives of the workshop were:

- To understand the concept of Image Processing, Machine Learning & Deep Learning.
- To provide an exposure of recent advancements in Image Processing and Pattern Recognition.
- To provide hands-on-experience of best practices for Pattern Recognition.

3. The 1st International Conference on "Emerging Technologies in Computer Engineering," (ICETCE-2018) technically sponsored by Computer Society Chapter, IEEE Delhi, and was partly organized by

the Department of CSE, SKIT M&G, Jaipur on 2 to 3 February, 2018. There were 203 participants who attended the workshop.

### Objectives of the program were:

- To aware the faculty about Campus Connect Foundation Program and implement the same in a better way.
  - To prepare faculty to roll out the Foundation Program in Campus Connect Partner Colleges.
  - To build a sustainable partnership with engineering education institutions in India and abroad, for mutual benefit and forming 'industry ready' workforce. It provided a platform for the faculty members to know more about the Infosys way of professional training and best industry practices.
4. A National Workshop on "Web Applications and Security" sponsored by Infosys Ltd. was organized by the Department



of CSE at SKIT M& G, Jaipur, on 29&-30 January, 2018. 89 participants who attended the workshop, were given exposure to the technology of Spring Framework, Network Security, Cryptography, Digitally Signed Documents.

Tools used were: Eclipse Mars, My SQL, Java 1.6, Apache Tomcat Server 8, Spring Framework.

5. A National Workshop on "IT/Software Project Management and IEEE Standards in the Current Emerging/Future Technologies" was organized by department of CSE, SKIT M&G on 01 February, 2018. It was attended by 315 participants from various parts of the country.

The workshop was sponsored by Computer Society Chapter, IEEE Delhi Section

### Objectives of the workshop were:

- To build IT/Software projects-- Build to Last to Build to Change



- To be aware about the 'Emerging Challenges from Project Management to Project Governance'.
- To learn about skills and experiences in designing Large Educational IT Projects.
- To understand the role of standards in IT Project Governance.

## AWARDS/ ACHIEVEMENTS (FACULTY)

1. INSPIRE - 2018 (Technical Skills-Nominations) for Faculty Partnership Level, Awarded by INFOSYS

FACULTY NAME	Partnership Level
Prof. (Dr.) Anil Chaudhary	Gold
Mr.Mahender Kumar Beniwal	Gold
Mr.Shubham Kumar Gupta	Gold
Mr. Naveen Jain	Gold
Mr.PankajDadheech	Silver
Mr.KanakGiri	Silver
Ms.Priyanka Sharma	Bronze

1. Dr.Mukesh Gupta Professor in Department of Computer Science & Engineering has been nominated as a member of the Department Research Committee (DRC) of RTU, Kota, by the Hon'ble Vice Chancellor, at Rajasthan Technical University, Kota.

2. Dr. Basant Agarwal received an appreciation certificate from Prof. (Dr.) S.L Surana, Director Academics at SKIT, for publishing his paper on 'The Journal Information Processing Management'.

3. Mr. Vinod Meneria receive an appreciation certificate from Prof. (Dr.) S.L Surana, Director Academics at SKIT, for publishing his paper 'A Fault Tolerance based Route Optimisation and Data Aggregation using Artificial Intelligence to enhance performance in Wireless Sensor Networks' in IJWMC.

4. Dr. Shubhra Saxena receive an appreciation certificate from Prof. (Dr.) A. K. Dwivedi, COE at RTU, in National Seminar on 'Women in Leadership: Expanding Horizons' at CIITM.

## AWARDS/ ACHIEVEMENTS (STUDENTS)

1. Mr. Abhijeet Yadav, (Final year) secured 3rd Rank out of 64000+ participations from all over India in TCS in "EnQuode 2018- The TCS Quality Engineering Contest". He was selected in TCS as a System Engineer Trainee, in Grade C1.

2. Mr. Vikas Motwani, (Final year) has been selected in INFY Hackathon out of 100 students in the second round in a Pan India contest, as specialist system engineer.

3. Ms. Anjali Kumari, Mr. Hardik Dadhich, and Mr. Tushar Kumawat (Final year), cleared TCS Codevita coding contest and got an offer letter.

4. Ms. Udit Garg, (Final year) has been selected out of 7000 students in 'Student Start up Exposure Program', organized by department of Information Technology and Communication, Government of Rajasthan.

## WORKSHOPS ATTENDED

**TITLE** : 3rd Edition Digital Rajasthan Conclave  
**DATE** : 29 August 2018  
**VENUE** : Hotel Holiday Inn, 22 Godam Circle, Sardar Patel Marg, C Scheme, Jaipur  
**ATTENDED BY** : 1. Mr Naveen Jain  
 2. Mrs Shalini Singhal  
 3. Ms. Tanushree

**TITLE** : Faculty Knowledge Sharing Program on "Creating Classroom Excellence through Communication."  
**DATE** : 11 August 2018  
**VENUE** : Hotel Holiday Inn (Near 22 Godam, Jaipur)  
**ATTENDED BY** : 1. Mr. Naveen Jain

**TITLE** : Infosys Campus Connect Faculty Enablement Program (FEP) on "Agile Software Development."  
**DATE** : 16 July to 20 July  
**VENUE** : PSIT, Kanpur  
**ATTENDED BY** : 1. Mr. Shubham Kumar Gupta  
 2. Mr. Naveen Jain

**TITLE** : TEQIP III sponsored workshop on "Writing Research Papers Using LaTeX"  
**DATE** : 21 to 23 May 2018  
**VENUE** : Global Institute of Technology, Jaipur.  
**ATTENDED BY** : 1. Mr. Naveen Jain  
 2. Mrs. Sushila Bishnoi  
 3. Ms. Tanushree

**TITLE** : Faculty Development Programme (FDP) conducted by TEQIP III on "How to Get Research Paper Published"  
**DATE** : 21 June 2018  
**VENUE** : Vedant College of Engineering & Technology, Bundi.  
**ATTENDED BY** : 1. Mr. Naveen Jain

**TITLE** : TEQIP III sponsored one day workshop on "Advancements in PERL Language"  
**DATE** : 06 April 2018  
**VENUE** : Modi Institute of Technology, Kota.  
**ATTENDED BY** : 1. Mr. Naveen Jain

**TITLE** : 'EduHack'  
**DATE** : 26 July 2018.  
**VENUE** : Rajasthan-Digifest- Govt. Polytechnic College, Bikaner-5.0.  
**ATTENDED BY** : Mr. Kanak Giri

Computer science is no more about computers than astronomy is about telescopes.

- E. W. Dijkstra

# DEPARTMENT OF MECHANICAL ENGINEERING



## NATIONAL CONFERENCE ON FUTURE DIMENSIONS IN MECHANICAL ENGINEERING (NCFDME-18)

A two day National Conference on 'Future Dimensions in Mechanical Engineering' (NCFDME-18) was organized by the department of Mechanical Engineering, SKIT, Jaipur on August 10 to 11, 2018.

The conference was inaugurated by Shri Kuldeep Ranka, MD & Director, RIICO; in the presence of Shri Avinash Panwar, Director, CEG, Jaipur; Shri Surja Ram Meel, Chairman, SKIT, Jaipur; Shri Jaipal Meel, Director, SKIT; Prof. S.L. Surana, Director (Academics) SKIT, Dr. S. K. Calla, Director (D & W), SKIT; Dr. Ramesh Kumar Pachar, Principal, SKIT; Dr. N K Banthiya, Head, PAQIC and Dr. N C Bhandari, Head of Mechanical Engineering Department, SKIT, Jaipur.

Shri Kuldeep Ranka, MD & Director, RIICO was the Chief Guest and Shri Avinash Panwar, Director, CEG, Jaipur was the guest of honor for the inaugural session. Dr. Santosh Kumar Sahu, Associate Professor, IIT Indore delivered the plenary talk of the conference.

The following were the resource persons in the various technical sessions held for two days

Keynote Speaker	Session Chair
Dr. Harlal Singh Mali, MNIT, Jaipur	Dr. Shiv Ranjan Kumar JECRC University, Jaipur
Dr. Chandrakant Kumar Nirala, IIT Ropar	Prof.(Dr.) Rahul Goyal, Manipal University,, Jaipur
Dr. K K Khatri, LNMIIT, Jaipur	Dr. K K Khatri, LNMIIT, Jaipur
Dr. Praveen Pandey, Echleon Institute of Technology, Faridabad	Dr. Vikash Gautam, SKIT, Jaipur
Dr. N C Bhandari, SKIT, Jaipur	Mr. D. Hariyani, SKIT, Jaipur
Dr. N K Banthiya, SKIT, Jaipur	Mr. Dheeraj Joshi, SKIT, Jaipur

The conference was attended by more than 300 participants and a total of 60 technical papers were presented on various topics

supported by recent innovative trends in mechanical engineering. The conference also had various parallel activities such as Project Expo, Quiz and Poster presentation in which quite a good number of students participated and won various cash prizes.



A special group of 28 students with two faculty members from Thiruvalluvar College of Engineering and Technology, Tamil Nadu also participated in the conference. The conference also received an international research paper entitled "A review on Nano Composite Materials and their Applications" by Haitham Al-Harrasi, a mechanical engineering undergraduate, from Sultan Qaboos University, Oman



## FACULTY DEVELOPMENT PROGRAM 2018

A threeday faculty development program was organized by the Department of Mechanical Engineering from June 26 to 28, 2018. Its prime objective was to instruct the faculty about setting question papers and proper evaluation of answer books. The course and content of the program was designed and delivered by Prof. (Dr.) N.K. Banthiya, Head PQAC. Faculty members from all the departments of the institute participated in the program.

## REPORT ON INSTALLATION OF THE CNC ULTRASONIC MACHINE IN THE DEPARTMENT

A CNC ultrasonic machine was received by the department on Aug. 20, 2018 under the MODROB Scheme-2017-18. A team of three service engineers and executives from the supplier firm K & K Engineers, Delhi visited the department for installation and training on Aug 23, 2018. The machine was checked and installed properly in the CAM laboratory. A training session was also organized on August 24 2018, after the installation. The objective of training was to acquaint the faculty and staff members with the basic features and functioning of the machine. A hands-on-training was also given specifically on different functions of the machine like drilling, engraving, profiling, etc.

## CERTIFICATE OF MERIT & CASH AWARD TO MR. AJAY KUMAR DHANOPIA

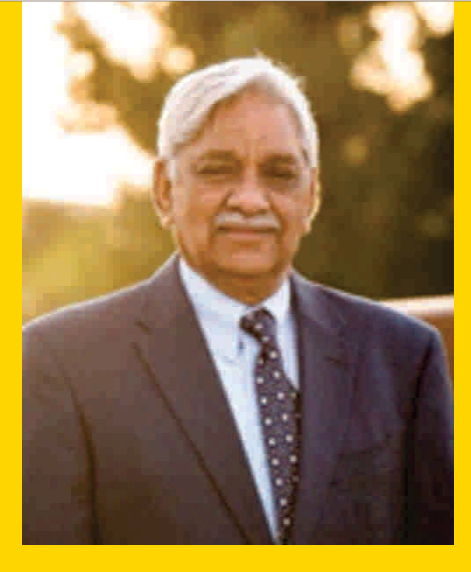
Mr. Ajay Kumar Dhanopia was honored and given a certificate of merit & a cash award of Rs. 3600 by National Skills Development Corporation (NSDC) under the aegis of Ministry of Skill Development and Entrepreneurship (MSDE) for participating in 'India Skills West 2018' as Jury Member in the skill category in Mechanical-CAD held at Jaipur Exhibition & Convention Centre, Jaipur from 24 to 26 May, 2018.

## GUEST LECTURE



The department of Mechanical Engineering organized a guest lecture on 'Opportunities in Aerospace Engineering' on 6 August 2018, by Dr. Gokhele, former Director, NIT Nagpur with an objective to provide the students and faculty an opportunity to get a head start in aerospace engineering, which is an advanced and innovative technology in the field of engineering science and research.

**“ Failure is central to engineering. Every single calculation that an engineer makes is a failure calculation. Successful engineering is all about understanding how things break or fail ”**  
 – Henry Petroski



## IN MEMORIAM: DR. ALOK MATHUR

The year brought the sad news of demise of our colleague and a great human being Prof. Alok Mathur on 31st May, 2018. Prof. Mathur was the founding pillar of Mechanical Engineering Department in SKIT. He joined the department on July 3, 2004, exactly two days after I took the challenging task of establishing the department. He worked shoulder to shoulder with me in bringing the department to its present position as one of the best Mechanical Engineering Department in Rajasthan.

Prof. Mathur brought to the department his insight and experience of an important government undertaking Instrumentation Ltd., Kota from which he had taken retirement while holding position as a General Manager. After joining SKIT, he fulfilled his dream by completing M.Tech. and Ph.D. programs with brilliant performance from his old alma mater. His Ph.D. was completed under very adverse personal circumstances. He was a living example of, "It is never too late in life to pursue studies and once a goal is decided, never give it up."

Dr. Mathur always encouraged and guided students, faculty and staff to achieve greater heights. He had encyclopaedic information about all the alumni of the department, as well as present students. He devoted substantial time in going through the technical papers of SKIT faculty and students, project reports of M.Tech. and B.Tech. students. Many of the students doing M.Tech. and Ph.D. at MNIT, Jaipur used to seek his assistance for their work. Once a work was undertaken by him, there was always an assurance that the work will be done efficiently. For me, it has been an enjoyable journey together with discussions, agreements and disagreements.

His demise has been a great personal loss to me and my family, to the department and Institute and to many of his students and acquaintances. May his Soul Rest in Peace.

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## SEMINAR ORGANISED

The Institution of Electronics and Telecommunication Engineers, Rajasthan Centre, Jaipur organized a one day IETE Zonal (North) seminar and ISF Congress on "Advances in Electronic Circuit and Systems" at SKIT on 21 April 2018.

IETE President Prof. (Dr.) K. T. V. Reddy was the chief guest of the program and IETE Treasurer Col. Balrajanand was the guest of honor. The inauguration ceremony of the event commenced with lamp



lighting and unveiling of souvenir of technical papers by Prof. K.T. V. Reddy, Prof. S. Pal, Col. Balrajanad, Dr. Ghanshyam Singh (Chairman IETE, Rajasthan center), Prof. S. L. Surana (Director Academics, SKIT), Dr. S. K. Calla (Director D&W, SKIT), Prof. S. K. Bhatnagar (HOD-ECE, SKIT). There were two technical events in this seminar. The first half of the event was for the invited talks. Two experts Prof S. N. Sharan, Director, SEEC, Manipal University, Jaipur and Prof. (Dr.) Mahesh Bunde, Secretary, IEEE Rajasthan Subsection had been invited to deliver these talks. Prof. S. N. Sharan detailed on various energy harvesting methods and Prof. Mahesh Bunde discussed neural networks. Afterwards, an ISF congress and innovation meet of students and participants with IETE experts was held. A number of projects were displayed by the student members and the winner groups were honored with certificates and prizes.

## WORKSHOP ORGANISED

ECE department, SKIT conducted a two day hands-on training and workshop on Xilinx Vivado VLSI EDA tool (10 to 11 April, 2018). Lectures on Introduction to different stages of VLSI design flow through Xilinx (VIVADO) tool and implementation on FPGA kit (NEXYS 4 DDR and ZYBO boards) were delivered before the teachers and M. Tech students. The main concern was "NEXYS 4 DDR and ZYBO" Board and interfacing of these boards with Xilinx VIVADO tool. NEXYS 4 DDR is an artix -7 FPGA family whereas ZYBO board belongs to ZYNQ family. Mr. Ankur Sangal, Senior Application Engineer from CoreEL Technologies, Delhi came to deliver a lecture in the workshop. Faculty members and M. Tech. Students participated in the workshop.

## FDP ORGANIZED



A Faculty Development Program (FDP) on "Recent Trends in Nano-Electronics (RTNE-2018) was jointly organized by Rajasthan Technical University, Kota & Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 1 May 2018 to 5 May 2018. This FDP was fully sponsored by RTU (ATU) under Technical Education Quality Improvement Program phase III (TEQIP-III). It was inaugurated by Dr. Rajiv Sharma, Director, Mission of Nano Science and Technology (Nano Mission), Department of Science &

Technology, New Delhi and Secretary, Science and Engineering Research Board (SERB), Govt. of India, New Delhi and Dr. G. K. Prabhu, President, Manipal University Jaipur. Sh. Jaipal Meel (Director-SKIT), Prof S L Surana (Director Academics), Prof. S. K. Calla (Director D&W), Prof. Ramesh Kumar Pachar (Principal) and Prof Dhirendra Mathur (Coordinator RTU TEQIP-III) were present in the inauguration ceremony. The inauguration ceremony was preceded by invited talks by eminent speakers from various institutes on the theme "NANO ELECTRONICS". Prof. Kanupriya Sachdev, Head, Materials Research Centre, MNIT Jaipur, Prof S K Bhatnagar, Director (Research) SKIT, Dr. Ghanshyam Singh, Associate Professor, Department of ECE, MNIT, Jaipur, Dr. Srinivasa Rao, Associate Professor, MNIT Jaipur, Dr. P K Khanna, Chief Scientist, CSIR-CEERI, Pilani, Dr. Bipin Kumar Gupta, Scientist E National Physical Laboratory, New Delhi and Dr. Amit Joshi, MNIT Jaipur were the resource persons for various talks in the sessions. Lab sessions were held for hands-on practice of TCAD SIVACO for Solar Cells Simulation, Xilinx Vivado VLSI EDA tool, and FPGA.

All the participants visited Material Research Center, at MNIT to gain experimental / experiential knowledge on the fabrication and characterization of Nanomaterials/Thin Films. The event ended with a valedictory function and certificate distribution to the participants. Prof. Dhirendra Mathur (RTU, TEQIP Coordinator) thanked the organizing committee for organizing the event successfully.

## AWARDS

Students of final year ECE, Abhishek Gupta and Lakshay Jain secured II position in innovation category on National Science Day at MNIT, Jaipur held in March, 2018.

## PhD AWARDED

**THESIS TOPIC** : Design, Fabrication, and Characterization of Thin Film Metal Metalloid Field Effect Transistor.

**PHD AWARDED TO** : Ms. Swati Arora  
**GUIDED BY** : Dr. Y. K. Vijay  
**FROM** : Vivekananda Global University, Jaipur  
**YEAR** : February, 2018

**TOPIC** : Investigation of ZnO and TiO2 Nano crystalline Thin Films for Random Access Memory and Solar Cell Applications.

**PHD AWARDED TO** : Mr. Praveen Kumar Jain  
**GUIDED BY** : Prof. Mohammad Salim  
**FROM** : MNIT, Jaipur  
**YEAR** : January, 2018

**TOPIC** : "Investigation of Optical Buffering and Refractive Index Sensing Characteristics in Fano Resonance-based Metal-Insulator-Metal Plasmonic Waveguide"

**PHD AWARDED TO** : Ms. Rukhsar Zafar  
**GUIDED BY** : Prof. Mohammad Salim  
**FROM** : MNIT, Jaipur  
**YEAR** : June, 2017

## NPTEL COURSES COMPLETED

**NAME** : Dr. Swati Arora  
**TOPIC/SUBJECT** : Material Characterization  
**DURATION** : 12 weeks online certification course (Elite Certified in NPTEL) January to April 2018.

**NAME** : Mr. Ankit Agarwal  
**TOPIC/SUBJECT** : Principles of Communication-1  
**DURATION** : 12 weeks online certification course (Elite Certified in NPTEL) January to April 2018.

**NAME** : Dr. Praveen Kumar Jain  
**TOPIC/SUBJECT** : Principles of Communication-1  
**DURATION** : 12 weeks online certification course January to April 2018.

**NAME** : Dr. Praveen Kumar Jain  
**TOPIC/SUBJECT** : Soft Nano Technology  
**DURATION** : 12 weeks online certification course (Elite Certified in NPTEL) January to April 2018.

**NAME** : Dr. Monika Mathur  
**TOPIC/SUBJECT** : Principles of Communication-1 & Antennas  
**DURATION** : 12 Weeks Online Certification Course from January to April 2018

## FDP /WORKSHOP ATTENDED

**TITLE** : Workshop on "VLSI Design Verification"  
**DATE** : 26 to 30 May 2018  
**VENUE** : MNIT Jaipur  
**ORGANIZED BY** : Electronics & ICT Academy

## SESSIONS CHAIRED

**SESSION ON** : "Electronics and Communication System" at Convergence 2018.

**CHAIRD BY** : Dr. Praveen Kumar Jain  
**ORGANIZED BY** : Poornima Institute of Engineering and Technology  
**VENUE** : PIET, Jaipur  
**DATE** : 23 to 24 March 2018

**SESSION ON** : "Optical Technologies Session" at International Conference OWT-2018

**CHAIRD BY** : Dr. Rukhsar Zafar  
**VENUE** : MNIT, Jaipur  
**DATE** : 11 Feb. 2018

**SESSION ON** : "Communication System" at National Conference on Advancements of Communications and Computation

**CHAIRD BY** : Dr. Monika Mathur  
**VENUE** : Poornima College, Jaipur  
**DATE** : 28 April 2018

**SESSION ON** : "Wireless technology" at International Conference on Optical and Wireless Technology (OWT-2018)

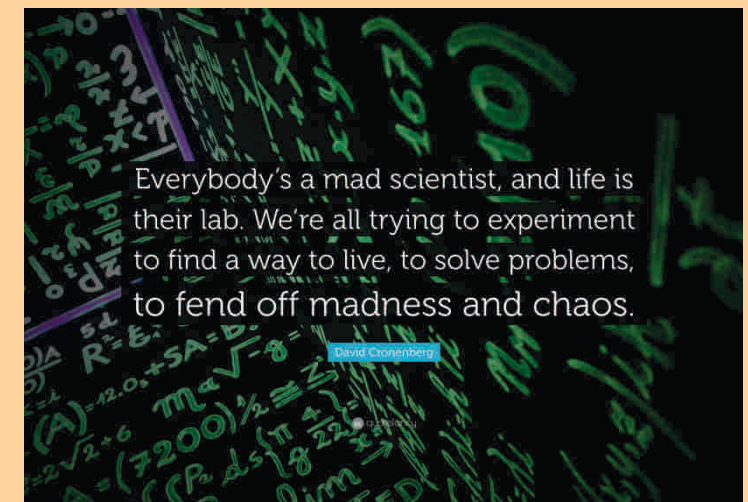
**CHAIRD BY** : Dr. Monika Mathur  
**VENUE** : MNIT, Jaipur  
**DATE** : 11 Feb. 2018

## ACADEMIC ACCOMPLISHMENTS (STUDENTS)

### M.TECH. DISSERTATIONS COMPLETED

The following dissertations were completed and the students were awarded M. Tech. degrees.

Name of the student	Name of the Supervisor
1. Ms. Neelam	Dr. Monika Mathur
2. Ms. Nidhi	Dr. S. K. Bhatnagar
3. Ms. Rakshika Kulshrestha	Dr. Rukhsar Zafar



# DEPARTMENT OF CIVIL ENGINEERING

## EXPERT TALK BY SITARAMANJANEYULU



An expert talk on 'Recent Developments in Construction and Maintenance of Highways' was delivered by Mr. K Sitaraman (Senior Principal Scientist, Pavement Evaluation Division, Central Road Research Institute, New Delhi) on July 9, 2018. Students of 3rd and 4th year attended the lecture. They appreciated the information about recent developments in the current scenario.

## IN-HOUSE SUMMER INTERNSHIP PROGRAM



An initiative was taken by Civil Engineering Department to start "In-house Summer Internship Program" for VI Semester students. As part of the curriculum, duration of this program was 60 days and included both software as well as site training. Software training included Auto-Cad and Staad-Pro. The training was carried out at various sites such as Jaipur International Centre, Railway Over Bridge (ROB) Dantli, Construction of Quarters of North Western Railway. Construction work of flexible pavement and working of Bituminous Hot Mix Plant was also done.

## WORKSHOP ON "DESIGN MIX CONCRETE" BY WONDER CEMENT



Workshop on "Design Mix Concrete and Practical Implementation" was organized by Wonder Cement on 8th August, 2018. This workshop was organized by Er. Amit Mathur (Assistant General Manager, Wonder Cement). This workshop included both theoretical as well as practical designs of concrete mix. Working of a cement plant was also explained in this workshop.

## FACULTY DEVELOPMENT PROGRAMS

Topic : Three days TEQIP-III sponsored FDP on Green Buildings : An Initiative of Civil Engineers to Save the Environment  
Date : 22 to 24 August, 2018  
Organized by : RTU, Kota and JNIT  
Attended by : Dr. D.K. Sharma  
Er. Kishan Lal Jain  
Er. Bhanu Sharma.



Sketch by Shubham, Dept. of Civil

# DEPARTMENT OF MANAGEMENT STUDIES

## NATIONAL SEMINAR ON FINANCIAL LITERACY



Department of Management Studies organized a "National Seminar" on Financial Literacy with The Institute of Company Secretaries of India (ICSI) as knowledge partner, on 24 January, 2018. The convener of the national seminar, CS Pallavi Biyani, welcomed the august gathering. The theme was introduced by Prof (Dr.) Vikas Shrotriya, HOD, DMS. The inaugural ceremony was addressed by Shri Surja Ram Meel, Chairman, SKIT, Shri Jaipal Meel, Director, SKIT (Dr.) S. K. Calla, Director (D&W), CS (Dr.) Sandeep Jain, Chairman ICSI Jaipur, CS Rahul Sharma, Vice-chairman of ICSI Jaipur and Prof (Dr.) Ramesh Prachar, Principal, SKIT. Four sessions were conducted during the seminar.

First session was conducted by CA CS Sumit Dhadda, Practitioner, on the topic of "Digital Financial World." The next session was taken by Shri J. S. Kothari, chief editor of Business Newspaper (Nafa Nuksan). He emphasized on sharpening financial investment skills of young managers and students. It was followed by a discussion on the practical aspects of loan by CA Dinesh Kumar Jain, Ex Chairman, ICAI. The last session was conducted by Shri Yogesh Sharma, Sr. Manager, IDBI, Jaipur office, who elaborated the details of consumer loans available in the current scenario. The sessions concluded with a question and answer round and distribution of certificate. In the end vote of thanks was given by the convener.

## ACADEMIC ACCOMPLISHMENTS CS PALLAVI BIYANI FELICITATED ON WOMEN'S DAY



Jaipur Chapter of NIRC of ICSI organized a program on Women's Day on the theme-'Empowering Women through Entrepreneurship Development: Stepping Up for Inclusive India' on 8 March, 2018 at Jaipur Chapter premises, located at ICSI House, A-5/A, Institutional Area, Near Kar Bhawan, Jhalana Doongri, Jaipur. CS Pallavi Biyani was invited to deliver a talk on the above theme. She was also felicitated by the ICSI for being a Young Professional working for education enhancement.

## GUEST LECTURES

- Department of Management Studies invited Ms. Mahima Maheshwari, CEO, Thumbograph, to deliver a lecture on 'Branding – Prepare for the Best' on August 18, 2018.
- Department of Management Studies invited Dr. Harshvardhan Harsh, Professor Amity University, to deliver a talk on 'E-learning Resources for Management Students and their Utilization for Enhanced Learning' on August 31, 2018.

## SUHANA SAFAR'—TEACHERS DAY CELEBRATIONS

On September 5, 2018 department of Management Studies celebrated, "Suhana Safar" on the occasion of Teacher's Day. The event was graced by the presence of HOD- DMS and faculty members from the department. Prof. (Dr.) Vikas Shrotriya, HOD-DMS motivated the students to get involved in the developmental activities





## SEMINAR ON THE UTILITY OF “CARE TAKER APP”

Swami Keshvanand Institute of Pharmacy organised a seminar on the utility and efficient use of “Care Taker” application which is a digitalised online platform for blood bank. On this occasion Prof. Hemlata Dullar, Principal, SKIP welcomed the chief guest Mr. Pawan Kumar Chaudhary. The chief guest of the seminar guided the students on the use of the mobile app in emergency situations. On this occasion Honourable Secretary of “Care Taker Sir Umed Memorial Trust” Mrs Durgawati Sharma and other dignitaries were also present. In the end, vote of thanks was presented by Dr. Santosh Kumar Gupta.

## CAMPUS PLACEMENT DRIVE BY APOLLO PHARMACY

With an aim to provide better placement, a campus placement drive was organised by Apollo Pharmacy, Jaipur a leading pharmacy company in SKIP on Feb.12, 2018. Students from various pharmacy colleges and schools participated in the programme with great enthusiasm. The program began with a seminar on 'Possibilities of Better Career Opportunities in Pharmacy'. Prof. Hemlata Dullar, Principal SKIP, chaired the programme. She congratulated the participants for coming in such good numbers for the placement drive.

## CLINWAVE RESEARCH PLACEMENT DRIVE

Swami Keshvanand Institute of Pharmacy, Jaipur with an aim of providing quality education and placement for its students continues to exhibit placement drives at its campus. Clinwave Research, one of the leading organization engaged in providing career in aspects of clinical research. Clinwave Research visited college campus on dated 03 Feb. 2018 for placements of B. Pharmacy Students. Students were selected in company after vigorous screening through Group Discussion, Aptitude Test and Personal Interview. Dr. Khatri, Managing Director and Dr. T. C. Sharma, Head at Research Centre from Clinwave Research delivered a presentation about company's profile and job requirements. They appreciated college Principal Prof. Hemlata Dullar, faculty and management for imparting utmost quality education which was reflected by the discipline and vast knowledge which they saw in the students. “er” application which is a digitalised online platform for

blood bank. On this occasion Prof. Hemlata Dullar, Principal, SKIP welcomed the chief guest Mr. Pawan Kumar Chaudhary. The chief guest of the seminar guided the students on the use of the mobile app in emergency situations. On this occasion Honorable Secretary of “Care Taker Sir Umed Memorial Trust” Mrs Durgawati Sharma and other dignitaries were also present. In the end, vote of thanks was presented by Dr. Santosh Kumar Gupta.

## ALEMBIC PHARMACEUTICALS PLACEMENT DRIVE

Swami Keshvanand Institute of Pharmacy, Jaipur with an aim of providing quality education and placement for its students continues to exhibit placement drives at its campus. Alembic Pharmaceuticals, one of the leading organizations engaged in providing career in aspects of sales and marketing visited college campus on 15 & 16 March, 2018 for placements of B. Pharmacy Students. Mr. Rakesh Sharma (RSM, Alembic Pharmaceuticals) and Ms. Ankila Joshi (HR, Alembic Pharmaceuticals) were present at SKIP campus for two days placement program. Ms. Ankila Joshi delivered a presentation about company's profile and job requirements. Students from various Pharmacy colleges of Jaipur participated and selected for the post of Executive Trainee after Aptitude Test and Personal Interview. College Principal Prof. Hemlata Dullar, appreciated students for participating and turning out in a good number for placement drive.

## MEDICAL CAMP ON SKIN CARE

A medical camp on skin care and diagnosis, prevention and cure of skin related diseases was organised at Swami Keshvanand Institute of Pharmacy, Jaipur. Prof. Hemlata Dullar, Principal, SKIP welcomed the chief guest Dr. Praveen Pahadiya. The chief guest guided the students about the various skin related problems and diseases and how to cure them. The Regional Sales Manager Mr. Hemant Joshi and his team from Ajanta Pharma Limited was also present on the occasion. Dr. Santosh Gupta thanked all the guests and dignitaries present in the programme.

## STATE LEVEL PHARMA QUIZ COMPETITION

The final round of state level quiz competition was organized by Indian Pharmaceutical Organisation (Rajasthan Branch) on 17th April, 2018 in the J. C. Bose auditorium of SKIT, Jaipur. The best team was selected for the final round after various rounds of the competitions with various pharmacy colleges of the State. Swami Keshvanand Institute of Pharmacy secured the 1st position in the final round of the competition. Various official Heads of Indian Pharmaceutical Organisation (Rajasthan Branch), representatives and delegates from the pharmacy colleges of the State were also present on the occasion. Prof. Hemlata Dullar, Principal SKIP, congratulate all the participants and the winner team.

## PAPERS PUBLISHED

- TITLE** : A Deep Network Model for Paraphrase Detection in Short Text Messages  
**AUTHORS** : Basant Agarwal, Heri Ramampiaro, Helge Langseth & Massimiliano Ruocco  
**JOURNAL** : Information Processing and Management, Elsevier, Volume 54, Issue 6 November 2018 ages 922-937, 2018.
- TITLE** : Spam Detection on Social Media using Semantic Convolutional Neural Network  
**AUTHORS** : Gauri Jain, Manisha & Basant Agarwal  
**JOURNAL** : International Journal of Knowledge Discovery in Bioinformatics (IJKDB), IGI Global, Vol. 8 (1) pp. 12-26, 2018.
- TITLE** : Optimizing Semantic LSTM for Spam Detection.  
**AUTHORS** : Gauri Jain, Manisha Sharma & Basant Agarwal  
**JOURNAL** : International Journal of Information Technology, Springer, DOI: 10.1007/s41870-018-0157-5, 2018.
- TITLE** : Devanagiri Character Recognition Model Using Deep Convolution Neural Network  
**AUTHORS** : Shrawan Ram, Shloak Gupta & Basant Agarwal  
**JOURNAL** : Journal of Statistics and Management Systems, Taylor Francis, 21 (4), pp. 593–599, 2018.
- TITLE** : Diabetic detection using Convolutional Neural Network  
**AUTHORS** : Shikhar Seth & Basant Agarwal  
**JOURNAL** : Journal of Statistics and Management Systems, Taylor Francis, 21 (4), pp. 569–574, 2018
- TITLE** : An Efficient Approach for Big Data Processing Using Spatial Boolean Queries.  
**AUTHORS** : Pankaj Dadheech, Dinesh Goyal, Sumit Srivastava & C. M. Choudhary  
**JOURNAL** : Journal of Statistics and Management Systems (JSMS), Taylor & Francis Group Journal, ISSN: 0972-0510 (Print), ISSN: 2169-0014 (Online), 21:4, 583-591, DOI: 10.1080/09720510.2018.1471258. (2018)
- TITLE** : Performance Improvement of Heterogeneous Hadoop Clusters Using Query Optimization.  
**AUTHORS** : Pankaj Dadheech, Dr. Dinesh Goyal & Dr. Sumit Srivastava  
**JOURNAL** : Information Systems & e-Business Network, Elsevier, ISSN: 1556-5068, pp. 210-215, 2018.
- TITLE** : A Fault Tolerance Based Route Optimization & Data Aggregation using Artificial Intelligence to Enhance Performance in Wireless Sensor Networks  
**AUTHORS** : Vinod Kumar Menaria; S.C. Jain; A. Nagaraju  
**JOURNAL** : DOI: 10.1504/IJWMC.2018.091139, 2018
- TITLE** : Online Multi-object Tracking: Multiple Instance based Target Appearance Model.

**AUTHORS** : T Badal, N Nain & M Ahmed  
**JOURNAL** : Multimedia Tools and Applications, 1-23, Publisher: Springer US, 2018

**TITLE** : A Survey on Management of Power Consumption with Remote Automation.  
**AUTHORS** : Ashu and Sunil Dhankhar.  
**JOURNAL** : PDMKB An International Multidisciplinary Journal, Research MaGma, 21-24. 2018

**TITLE** : Bigtable: A Distributed Multilevel Map.  
**AUTHORS** : Amritanshu Singh Chauhan, Akshita Khatri, Nikhar Bhatnagar & Priyanka Sharma  
**JOURNAL** : International Journal of Computer Science Trends and Technology (IJCTST), Vol. 6 1. ISSN: 2347-8578. pp. 90-93 Jul-Aug 2018.

**TITLE** : Industry Oriented Cloud Platforms and Applications.  
**AUTHORS** : Nandita Khemnani, Sonal Khanna, Priyanka Sharma & Nikhar Bhatnagar  
**JOURNAL** : 1st International Conference on Emerging Technologies in Computer Engineering ISSN: 2456-7078. ICETCE-2018

**TITLE** : Enhancement of Sobel Edge Detector using Fuzzy Approach.  
**AUTHORS** : Ms. Neha Mathur, Ms. Shruti Mathur, Ms. Divya Mathur & Mr. Pankaj Dadheech  
**JOURNAL** : 1st International Journal of Computer Engineering (ICETCE-2018), UGC approved Journal: Research Magma, ISSN: 2456-7078, Page: 70-74. 2018

**TITLE** : Increase Security of Data with respect to both Confidentiality and Integrity over Cloud  
**AUTHORS** : Rubal Deep Gill, Neha Kapoor & Harpreet Singh Gill  
**JOURNAL** : International Journal of Applied Engineering Research ISSN 0973-4562 Vol. 13, Number 10 pp.7388-7391, 2018

**TITLE** : Similar Properties of Selenium and Tellurium as Semiconductor  
**AUTHORS** : Swati Arora, Y. K. Vijay and Y. C. Sharma  
**JOURNAL** : European Journal of Advances in Engineering and Technology (EJAET), ISSN 2394 - 658X, Vol. 5, issue 3, pp.214-217, Mar. 2018

**TITLE** : Effect of Channel Thickness on the Properties of Metal Semiconductor Field Effect Transistor.  
**AUTHORS** : Swati Arora, Y. K. Vijay and Y. C. Sharma  
**JOURNAL** : International Journal of Engineering Sciences and Emerging Technologies, ISSN 2231-6604, Vol. 10, Issue 2, pp.42-51, Jan 2018

**TITLE** : Fractal Fork Shape UWB Monopole Antenna with Ground Deformities.  
**AUTHORS** : Shubhi Jain, R K Khanna, Pankaj Kumar Goswami and Harshal Nigam  
**JOURNAL** : International Journal of Applied Engineering Research, ISSN 0973-4562, vol. 13, issue 6, pp.

3816-3821, 2018

**TITLE** : Generations of Photovoltaic's - A Review  
**AUTHOR** : Gloria Joseph  
**JOURNAL** : International Journal of Enhanced Research in Science, Technology & Engineering/ ER publication, ISSN 2319-7463, Vol.7, Issue 4, pp.17-29, 2018

**TITLE** : Design and Analysis of low coupling, high transmission optical wavelength De-multiplexer based on two dimensional photonic crystal.

**AUTHORS** : Gloria Joseph and Ritika Dhaka  
**JOURNAL** : International Journal of Advanced Engineering Research and Science / AI Publications, ISSN 2349-6495, Vol.5, Issue 4, pp. 85-88, 2018

**TITLE** : Fano Resonance Excited All-Optical XOR, XNOR, and NOT Gates with High Contrast Ratio.

**AUTHOR** : Rukhsar Zafar  
**JOURNAL** : Springer, Plasmonics Photonics, Vol. 13, Issue 54, March, 2018

**TITLE** : Plasmonics-Based Refractive Index Sensor for Detection of Hemoglobin Concentration.

**AUTHOR** : Rukhsar Zafar  
**JOURNAL** : IEEE sensors Journal, Vol. 18, No. 11, June 1, 2018

**TITLE** : Implementation of square of two digit number based on Vedic Mathematics.

**AUTHOR** : ManjuChoudhary  
**JOURNAL** : IJCRT, ISSN 2330-2882, Vol. 6(1), pp. 961-962, March, 2018

**TITLE** : Design of EBG Structured Parasitic Patch Antenna for Wireless Communication Applications.  
**AUTHORS** : Shubhi Jain, R K Khanna, Praveen K Jain, Ankit Agarwal & Pallav Rawal  
**JOURNAL** : European Journal of Advances in Engineering and Technology, ISSN: 2394 - 658X, vol. 5(3), pp. 207-213, 2018.

**TITLE** : Low Power-Area design of Four Bit Arithmetic and Logical unit (alu) in Cadence Virtuoso Platform.

**AUTHORS** : Neeraj Jain, Hemanth Kumar, Arbaz Khan & Gaurav Sharma  
**JOURNAL** : International Journal of Creative Research Thoughts, IJCRT, ISSN: 2320-2882, Volume 6, Issue 2, pp. 1-6. April, 2018

**TITLE** : A Compact Coplanar Waveguide Fed Wideband Monopole Antenna for RF Energy Harvesting Applications.

**AUTHORS** : Monika Mathur, Ankit Agrawal, Ghanshyam Singh, and Satish K. Bhatnagar  
**JOURNAL** : Progress in Electromagnetics Research M, Vol. 63, pp. 175-184, 2018

**TITLE** : A 2x 1 Coplanar Monopole Antenna Structure

for Wireless RF Energy Harvesting  
**AUTHORS** : Monika Mathur, Ankit Agrawal, Ghanshyam Singh, and Satish K. Bhatnagar  
**JOURNAL** : IOP Conference Series: Materials Science and Engineering, Published Online: 29 March, 2018

**TITLE** : A Reconfigurable Microstrip Antenna with Defected Ground Structure for Radio Applications

**AUTHORS** : Harshal Nigam, Shubhi Jain&Ruchika Jain  
**JOURNAL** : Proceedings of OWT 2017, Springer Singapore. Feb,2018

**TITLE** : Fano Resonance Excited All-Optical XOR, XNOR, and NOT Gates with High Contrast Ratio  
**AUTHORS** : Dr. Rukhsar Zafar & Dr. Sarfaraz Nawaz  
**JOURNAL** : Plasmonics Journal (Springer) Issue February, 2018

**TITLE** : Power Loss Minimization in Radial Distribution System Using Network Reconfiguration and Multiple DG Units

**AUTHOR** : Dr. Sarfaraz Nawaz  
**JOURNAL** : European Journal of Scientific Research Volume 148 Issue 4 March, 2018

**TITLE** : Plasmonics based Refractive Index Sensor for Detection of Hemoglobin Concentration Sign In or Purchase

**AUTHORS** : Dr. Rukhsar Zafar & Dr. Sarfaraz Nawaz  
**JOURNAL** : IEEE Sensors Journal ( Volume: 18, Issue: 11, 1 June, 2018

**TITLE** : A new technique to solve DG allocation problem For distribution power loss minimization

**AUTHORS** : Dr. Sarfaraz Nawaz &AnkushTandon  
**JOURNAL** : ICIC Express Letters Part B: Applications Volume 9, Number 7, July 2018

**TITLE** : Smart Walking Stick for Visually Impaired Person  
**AUTHORS** : Dr. Sarfaraz Nawaz, HimanshuGautam&Kamal Bhopani  
**JOURNAL** : International Journal of Scientific Research in Science and Technology Vol. 4, Issue 52018 Mar-Apr 2018

**TITLE** : Good Corporate Governance: Ethos and Importance  
**AUTHOR** : CS PallaviBiyani  
**JOURNAL** : Chartered Secretary, National Journal for Corporate Professionals., National ICSI May 2017

**TITLE** : GST effect on Banking Services  
**AUTHOR** : CS PallaviBiyani  
**JOURNAL** : ICSI-NIRO Journal Newsletter, Edition: January 2018

**TITLE** : Nature and Dimensions of Unorganized Sector in India  
**AUTHOR** : CS PallaviBiyani

**JOURNAL** : INSPIRA-Journal of Modern Management & Entrepreneurship (JMME), ISSN no. 2231-167X, UGC Approved Serial no 714, Journal no 45138, Page no. 95-100, 2018

**TITLE** : Webpreneurship: A Trending Career  
**AUTHOR** : CS PallaviBiyani  
**JOURNAL** : International Journal of Research and Analytical Reviews ISSN no. 2349-5138, UGC & ISSN Approved, Volume 5, Issue 3, pp. 552-559 August 2018,

**TITLE** : Set Laws for Ware house Receipts Financing (Implementation of Negotiable Warehouse Receipt  
**AUTHOR** : Prof. (Dr.) VikasShrotriya  
**JOURNAL** : Inspira- Journal of Modern Management & Entrepreneurship (JMME)ISSN : 2231-167X, General Impact Factor : 2.5442, Volume 08, No. 03, July, 2018

**TITLE** : Storage and Processing of Agricultural Commodities

**AUTHOR** : Prof. (Dr.) Vikas Shrotriya  
**JOURNAL** : International Journal of Advances in Arts, Sciences and Engineering (IJOAASE) August, 2018 Volume 7 Issue 15 ISSN: 2320-6144

**TITLE** : Effect of compression ratio on combustion and emission characteristics of C.I. Engine operated with acetylene in conjunction with diesel fuel  
**AUTHOR** : Kapil Dev Choudhary, Ashish Nayyar, M.S. Dasgupta  
**JOURNAL** : Fuel, Elsevier, ISSN: 0016-2361, 214, pp. 489-496, 2018

**TITLE** : Design and experimental investigations on six-stroke SI engine using acetylene with water injection  
**AUTHOR** : Keshav Gupta, KishanlalSuthar, Sheetal Kumar Jain, Ghanshyam Das Agarwal, Ashish Nayyar  
**JOURNAL** : Environmental Science and Pollution Research, Springer, ISSN: 0944-1344, 25 (23), pp. 23033-23044, 2018

**TITLE** : A Teaching-Learning-Based Optimization Algorithm for the Resource-Constrained Project Scheduling Problem

**AUTHOR** : Dheeraj Joshi , M.L. Mittal , Manish Kumar  
**JOURNAL** : Harmony Search and Nature Inspired Optimization Algorithms, Advances in Intelligent Systems and Computing, Springer, Singapore, Online ISBN: 978-981-13-0761-4, 741, pp. 1101-1109, 2018

**TITLE** : A Tabu search algorithm for simultaneous selection and scheduling of projects  
**AUTHOR** : Manish Kumar, M.L. Mittal, GunjanSoni, Dheeraj Joshi  
**JOURNAL** : Harmony Search and Nature Inspired Optimization Algorithms, Advances in Intelligent Systems and Computing, Springer, Singapore, Online ISBN: 978-981-13-0761-4,

741, pp. 1111-1121, 2018

**TITLE** : A hybrid TLBO-TS algorithm for integrated selection and scheduling of projects  
**AUTHOR** : Manish Kumar, M.L. Mittal, GunjanSoni, Dheeraj Joshi  
**JOURNAL** : Computers & Industrial Engineering, Elsevier, ISSN: 0360-8352, 119, pp. 121-130, 2018

**TITLE** : Analysing the Process Capability of Carburettor Manufacturing

**AUTHOR** : Manish Yadav, Manoj Kumar Sain, Dheeraj Joshi  
**JOURNAL** : Skit Research Journal, SKIT, ISSN: 2278-2508, 8(1), pp. 47-51, 2018

**TITLE** : On a Single Item Single Stage Mixture Inventory Models with Independent Stochastic Lead Times

**AUTHOR** : Achin Srivastav, Sunil Agrawal  
**JOURNAL** : Operational Research, Springer, ISSN: 1866-1505, pp. 1-39, <https://doi.org/10.1007/s12351-018-0408-z>, 2018

**TITLE** : Multi-Objective Optimization of Slow Moving Inventory System Using Cuckoo Search

**AUTHOR** : Achin Srivastav, Sunil Agrawal  
**JOURNAL** : Intelligent Automation & Soft Computing, Autosoft, Taylor and Francis, ISSN: 1079-8587, 24(2), pp. 343-349, 2018

**TITLE** : A Case Study on Nicks Formation in a Bearing Manufacturing Industry

**AUTHOR** : Praveen Saraswat, Manoj Kumar Sain, Dheeraj Joshi  
**JOURNAL** : Skit Research Journal, SKIT, ISSN: 2278-2508, 8(1), pp. 43-46, 2018

**TITLE** : Impact of posture and upper-limb muscle activity on grip strength

**AUTHOR** : R Jain, ML Meena, Manoj Kumar Sain, GS Dangayach  
**JOURNAL** : International Journal of Occupational Safety and Ergonomics, Taylor and Francis, ISSN: 1080-3548, doi: 10.1080/10803548.2018.1501972, Published online: 31 Aug, 2018

**TITLE** : Properties and effects of organic additives on performance and emission characteristics of diesel engine: A comprehensive review

**AUTHOR** : Chandan Kumar, Kunj Bihari Rana, Brajesh Tripathi, Ashish Nayyar  
**JOURNAL** : Environmental Science and Pollution Research, Springer, ISSN: 0944-1344, 25 (23), pp. 22475-22498, 2018

**TITLE** : Combustion Characteristics of Methanol Blended Diesel Fuel in CI Engine

**AUTHOR** : Chandan Kumar, K. B. Rana, B. Tripathi, Priyanka Gupta  
**JOURNAL** : International Journal of Pharmaceutical Sciences Review and Research, Global Research Online,SN: 0976-044X, 50(1), pp. 101-104, 2018

# PAPERS PRESENTED

**TOPIC** : Hardware Implementation of Multiplier less VLSI Architecture of Lifting Based 1-D DWT using Single Precision Floating Point Arithmetic Algorithm

**AUTHORS** : Yamini Rathore, Vikas Pathak & Harshit Mathur

**CONFERENCE** : International Conference on Advances in Science & Technology (ICAST-2018)

**DATE** : May 4 to 5, 2018

**ORGANIZED BY** : Physics Department at SKIT, Jaipur

**TOPIC** : VLSI Implementation of Floating Point FFT Algorithm for Characteristic Frequency Calculation of Protein Family for Hot-spot Region Identification

**AUTHORS** : Harshit Mathur, Vikas Pathak, Yamini Rathore

**CONFERENCE** : International Conference on Advances in Science & Technology (ICAST-2018)

**ORGANIZED BY** : Physics Department at SKIT, Jaipur

**DATE** : May 4-5, 2018

**TOPIC** : Analysis of Device characteristics of Dual Material Double Gate Strained N-Channel MOSFEET

**AUTHOR** : Rahul Pandey

**CONFERENCE** : IEEE Conference SCEECS18

**VENUE** : MANIT Bhopal

**DATE** : Feb 24-25, 2018

**TOPIC** : Current and Future Aspects of ZnO based Core-shell hetero structures for Optoelectronics Devices

**AUTHOR** : Jay Prakash Vijay

**CONFERENCE** : International Conference on Advances in Science & Technology (ICAST-2018)

**ORGANIZED BY** : Physics Department at SKIT, Jaipur

**DURATION** : May 4 to 5, 2018

**TOPIC** : Wave Function and Optical Gain Analysis in Al<sub>0.42</sub>Ga<sub>0.58</sub>As/ GaAs<sub>0.64</sub>Sb<sub>0.36</sub> Type-I Quantum well Hetero-structure under external electric field

**AUTHOR** : Jay Prakash Vijay

**CONFERENCE** : International Conference on Advances in Science & Technology (ICAST-2018)

**ORGANIZED BY** : Physics Department at SKIT, Jaipur

**DURATION** : May 4 to 5, 2018

Following papers were presented in the National Conference on 'Future Dimensions in Mechanical Engineering', organized by Department Mechanical Engineering at SKIT, Jaipur from August 10 to 11, 2018

**TITLE** : Implementation of Some Programme

**AUTHOR** : Outcomes (POs) Prescribed by NBA for B.Tech. Degree Programmes  
: Dr. N.K. Banthiya

**TITLE** : Optimization of Process Parameters Achieving Improved Surface Finish during Machining on Lathe.

**AUTHOR** : Dheeraj Joshi

**TITLE** : Computation of Optimal Service Order Quantity in a Partial Backordering Inventory System using PSO

**AUTHORS** : Achin Srivastav & Nidhi Srivastav

**TITLE** : Simulation of Non-premixed Flame Of Natural Gas with Different Equivalence Ratio

**AUTHORS** : Amit Bansal, Chandra Mohan Kumar & Madhukar Kumar

**TITLE** : A Comprehensive Review of Thermal Energy Storage

**AUTHORS** : Amit Bansal, Chandra Mohan Kumar & Keshav Jakkotia

**TITLE** : Productivity Analysis of Solar Steel having Heat Pipe for Different Water Depth Conditions

**AUTHOR** : Amit Bansal

**TITLE** : Factors and Challenges in Implementing Industry 4.0 Concept

**AUTHORS** : Bajirao Dhawal, Gunjan Soni & Om Ji Shukla

**TITLE** : Exploring Occupational Health Problems among Labors of Unorganized Construction Industry of Jaipur

**AUTHORS** : Vinay Singh Marwal & Arun Saini

**TITLE** : A Study on Parametric Analysis of Abrasive Jet Machining

**AUTHOR** : Ajay Kr Dhanopia

**TITLE** : FEM approach for Calculation of Stress Induce Factors for Different Specimens Using ANSYS

**AUTHORS** : Vikash Gupta, Manu Augustine & Amit Redhewal

**TITLE** : A Review on Enhancement of Conversion Efficiency of Solar PV panels using Phase Change Material

**AUTHORS** : Arun Beniwal & Hari Om Sharma

**TITLE** : Quantitative Regenerative Analysis of an Updraft Tower System for Dry Cooling in Power Plant

**AUTHORS** : Chandra Mohan Kumar & Madhukar Kumar

**TITLE** : Synthesis and Characterization of High Entropy Alloy AlMgFeCuCrW

**AUTHORS** : Madhukar Kumar & Approva Vashistha

**TITLE** : Quantitative Regenerative Analysis of an Updraft Tower System For Dry Cooling in Power Plant

**AUTHORS** : Chandra Mohan Kumar & Madhukar Kumar

**TITLE** : Technical review of NOx Reduction Technologies in Diesel Engines

**AUTHOR** : Keshav Jakhotia

**TITLE** : Technical review of Renewable Energy Sources and related Energy Efficiency Technologies

**AUTHOR** : Keshav Jakhotia

**TITLE** : The Need for Encapsulation of PCMs for a Thermal Energy Storage System

**AUTHORS** : Sandeep Kr Bhaskar, Brij Mohan Sharma, Dinesh Kumar Sharma & Ankit Agarwal

**TITLE** : Mechanical Properties of Hybrid Reinforced Metal Matrix Composite- A Review

**AUTHORS** : Sanjay Bairwa & Sharad Shrivastava

**TITLE** : Artificial Intelligence in Mechanical Engineering

**AUTHORS** : Yuganshu Sharma and Sanjay Bairwa.

**TITLE** : Effect of Silicon Carbide Powder on MRR during the EDM using RSM

**AUTHOR** : Sunil Kumar

**TITLE** : Bioactive Ceramic-polymer Composites for Tissue Replacement

**AUTHOR** : Yogesh Kumar Sharma

**TITLE** : Performance Characteristic of a Diesel Engine fuelled by Diesel-n-butenol-nitromethane

**AUTHORS** : Chandan Kumar, Naveen Kumar Sain & Ashish Nayyar

Following papers were presented in the International Conference on 'Advances in Science & Technology' (ICAST-2018), organized by the Department of Mechanical Engineering at SKIT, Jaipur from May 04 to 05, 2018

**TITLE** : Computation of Optimal Service Order Quantity in a Mixture Inventory System

**AUTHORS** : Achin Srivastav, Nidhi Srivastav, Sunil Agrawal & Dheeraj Joshi

**TITLE** : Ergonomic Evaluation of Work Related Musculoskeletal Disorder and Postural Stress Among Bamboo Handicraft Artisans

**AUTHOR** : of Jaipur-Rajasthan  
: Vinay Singh Marwal

**TITLE** : An Insight into the Key Development Areas of Rapid Prototyping

**AUTHOR** : Ajay Kr Dhanopia

**TITLE** : Combustion Characteristic of Diethyl Ether Blended Diesel Fuel on Diesel Engine

**AUTHORS** : Chandan Kumar, Kunj Bihari Rana, Brajesh Tripathi & Priyanka Verma

**TITLE** : Design and Optimization of Disc-brake Rotor

**AUTHORS** : Chandan Kumar, Deepansh Mathur, Anshul Maheshwari, Abhishek Sharma & Anirudh Singh

# PHD AWARDED

**THESIS TOPIC** : Studies on Bio-Oxygenated Fuelled Stationary C.I. Engine.

**PHD AWARDED TO** : Mr. Ashish Nayyar

**GUIDED BY** : Dr. Sunil Agarwal

**FROM** : Malaviya National Institute of Technology (MNIT) Jaipur

**YEAR** : May 2018

**THESIS TOPIC** : Optimal Inventory Replenishment Policies in the Absence and Presence of Order Crossover

**PHD AWARDED TO** : Mr. Achin Srivastav

**GUIDED BY** : Dr. Sunil Agarwal

**FROM** : Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing (IIITDM) Jabalpur

**YEAR** : January 2018

# PATENT PUBLICATION

**TITLE OF PATENT** : Two Wheel Vehicle to Prevent Backache during Ride

**FACULTY** : Dr Ashish Nayyar

**PATENT JOURNAL** : Official Journal of the Patent Office

**TITLE OF PATENT** : System to Provide Automatic Gear Change and Throttle Coupled Gear lever of Sports Vehicle.

**FACULTY** : Dr Ashish Nayyar

**PATENT JOURNAL** : Official Journal of the Patent Office

**TITLE OF PATENT** : Tracking Parabolic Solar Cooker System

**FACULTY** : Dr Ashish Nayyar, Mr. Chandan Kumar

**PATENT JOURNAL** : Official Journal of the Patent Office

**TITLE OF PATENT** : Parabolic Solar Cooker System to Track Sunlight In Real-Time

**FACULTY** : Dr Ashish Nayyar

**PATENT JOURNAL** : Official Journal of the Patent Office

## SHORT –TERM PROGRAMMES ATTENDED

**TITLE** : GIAN International Advanced Course on Sustainability in Materials & Design  
**DATE** : 21 May to 1 June, 2018  
**ORGANIZED BY** : Malaviya National Institute of Technology Jaipur  
**ATTENDED BY** : Mr. Manoj Kr Sain, Mr. Chandan Kumar

**TITLE** : How to Set Question Papers and Proper Evaluation of Answer Books  
**DATE** : 26 to 28 June, 2018  
**ORGANIZED BY** : SKITM & G, Jaipur  
**ATTENDED BY** : Dr Manu Augustine  
 Mr Vinay Singh Marwal  
 Mr Arun Beniwal  
 Mr Brij Mohan Sharma  
 Ms Monika Khurana

**TITLE** : QIP STP on Laboratory and Ergonomic Safety for Engineers  
**DATE** : 11 to 15 June, 2018  
**ORGANIZED BY** : IIT Bombay  
**ATTENDED BY** : Mr Vinay Singh Marwal

**TITLE** : TEQIP- III RTU (ATU) sponsored FDP on Quality Assurance in Industries: Current Practices & Developments  
**DATE** : 28 to 29 August, 2018  
**ORGANIZED BY** : JEC, Kukas  
**ATTENDED BY** : Mr. Praveen Saraswat

**TITLE** : FDP on Simulation using Ansys for Mechanical Engineering  
**DATE** : 12 to 16 June, 2018  
**ORGANIZED BY** : CAD DESK, Jaipur  
**ATTENDED BY** : Mr Arun Beniwal

**TITLE** : TEQIP-III RTU (ATU) sponsored FDP on Advance Research Methodology & Modelling Techniques  
**DATE** : 14 to 18 June, 2018  
**ORGANIZED BY** : Anand International College of Engineering  
**ATTENDED BY** : Mr Brij Mohan Sharma  
**TITLE** : TEQIP-III sponsored FDP on MOOCs & Digital Contents Development  
**DATE** : 2 to 3 June, 2018  
**ORGANIZED BY** : Anand International College of Engineering  
**ATTENDED BY** : Mr Sunil Kumar

**TITLE** : TEQIP-III sponsored FDP on MOOCs & Digital Contents Development  
**DATE** : 2 to 3 June, 2018  
**ORGANIZED BY** : Anand International College of Engineering  
**ATTENDED BY** : Mr Sunil Kumar



## CAMEO

an array of clubs

### CLUB ORIENTATION PROGRAMME



A club orientation programme was organized for first year students on 8th August 2018 at GyanMandir Auditorium in SKIT. In this program, student coordinators of various clubs gave a brief introduction on working of their clubs and the details of events conducted by respective clubs. Thirty two clubs participated and represented themselves with the help of presentations and videos. Apart from the presentations, each club shared their registration forms link for enrollment into club activities. Cultural Club enthralled the audience with their majestic dance and band performances. Docu Drama club represented itself by enacting some small scenes in different sections. The students were swayed away with effective PPT's and videos displayed by Robotics and SAE clubs. They seemed enthusiastic to participate in Sports activities as well. The faculty coordinators of various clubs were also present on the occasion. The programme was concluded with a vote of thanks to all students and faculty coordinators.

### ABHIVADAN 2018

The programme was a medley of several genres including Beat-boxing, Classical Dance performance, song performance, dances, and mime. The standup comedy impressed everyone in the hall. The students from first year and higher semesters participated in the programme. The theme of the programme was RETRO. Students from the literary club expressed their gratitude for the teachers and presented a small act depicting the life of the former president Prof. Sarvepalli Radhakrishnan. Besides amazing performances, activities like lucky draw, riddle game and music game were conducted for teachers. The winners were also awarded by the students. ECA chief coordinator Dr. Niraja Saraswat thanked the entire students for putting up the show so meticulously. The programme came to an end with a performance by Mr. Kailash Soni, Assistant professor, Dept. of CS.

### ROAD SAFETY AWARENESS CAMPAIGN

Road safety programs in India are essential. They require various amendments and implementations for the smooth functioning of the traffic. Rules have been set but whether they are being followed or not, is another issue altogether. Government has taken various preventive measures to ensure the safety of the citizens while using



the road to reduce the number of road mishaps. As per the latest survey, India has the highest number of road accidents.

Keeping in mind such concerns, a programme was organised by Rotaract and NSS club on 12 September 2018. It was addressed by Ms. Purna Arora Singh, Chief Coordinator, Sardar Patel University, Jodhpur. She acquainted the students about the rules of traffic and the benefits of wearing helmet. She also advised students to opt for lane driving in order to avoid fatal accidents. Through certain videos, she made it explicit to the audience that the key of safety lies in their hands. She also revealed the facts and statistics of road deaths. At the end of her speech, she also presented a demo on how to save lives. She was welcomed at the premises by Prof. Sudhir K. Calla, Director D&W. Dr. Sudha Calla, Head in charge, B. Tech. I year, honoured her with a memento. The programme ended with the students taking a vow that they will be better citizens. The programme was coordinated by the students along with Dr. Anurag Sharma, Coordinator, NSS Club.

### TALENT HUNT BY RAJASTHAN FILM FARE FESTIVAL

The cheerful faces, the awaiting eyes, the anxious participants, the enthusiastic crowd ... could be felt in the Talent Hunt on 12 September 2018. It was a joint venture of SKIT with Rajasthan Film Fare Festival. Entries started pouring in and in no time the stage was ready with the performers. The dancers exhibited their talent on various songs ranging from folk to hip-hop. The singers were none less. They also performed on various musical accompaniments. Several students came up with their talent in acting. The audience was spell bound with their skills. The personnel from the festival appreciated the talent of the students and distributed gifts to them. The programme culminated with beat boxing by Kritick Kappor. The entire programme was coordinated by Mr. Kailash Soni, and Ms. Sanju Chaudhary, Assistant professors, Dept. of CS.

### ONE DAY FOUR STORIES

ECA, in collaboration with 'Ignite Talks' organized the programme 'One Day Four Stories' on 19 September 2018 in Gyan Mandir

auditorium. The speakers of the event included Mr. Rajendra Choudhary, CEO, Fresho Kartz Agro Products Ltd, Mr. Pranay Mathur, CEO, WedigT echno solutions Limited, Mr. Prince Chandra, Youtuber, Blogger and Ms. Aanchal Raj Shrivastav, Social Entrepreneur. At the outset, Prof. SK Calla, Director, Development and Welfare, welcomed the guests and acquainted them with prominent features of SKIT. Mr. Pranay Mathur shared his success story with the students. He invigorated them to think big and put things into action. Mr. Rajendra shared his story with the students and elaborated on how he was inspired to work in the interest of poor farmers of the country. He also emphasized on the importance of patience and perseverance. Mr. Prince Chandra threw light on his passion for uploading videos on You Tube and how it has brought laurels for him. Ms. Anchal began with the importance of communication and she spoke in detail about her efforts for maintaining menstrual hygiene.

She also shared that if one is passionate about one's dreams, there is nothing called impossible in the world. At the end of the programme Dr. Niraja Saraswat, Head, ECA, thanked the delegates from outside and the Ignite team. Thus empowered youth motivated the young minds of SKIT. The enthusiasm of the students at the end of the programme could distinctly be gauged as they kept pouring several queries to the guests.

## PROGRAMME ASSESSMENT & QUALITY IMPROVEMENT CELL

### 1. Faculty Development Programme for Projects by Department of Electronics & Communication

A Faculty Development Programme for Projects was organized by the department of Electronics & Communication during the month of December, 2017. Dr. N.K. Banthiya was the resource person for the programme. He discussed about questions-- what, why, how, when and where related to various kinds of projects.

### 2. Training for Admission Counsellors

Selected faculty members, technicians and office staff received exclusive training for the new admission process as 'counsellors'. They were guided to deal with prospective students and their parents. Since the work of the counsellor is indispensable, it was decided that training programmes be conducted for them in April & May 2018. The programme was implemented during April – May 2018. The resource person for the programme was Dr. N. K. Banthiya

### The programme underlined the following aspects:

1. Dealing with prospective students and parents
2. Questions raised by prospective students and parents during counselling and possible answers
3. Rajasthan Engineering Admission Process (REAP 2018)
4. Workshop on SWOT Analysis for III Semester (Mechanical Engineering) students

Two workshops on SWOT Analysis were conducted for III Semester

students by Dr. N.K. Banthiya during July, 2018. Students were encouraged to identify their own strengths so that they could build upon these; identify their own weaknesses and start minimizing them; scan for internal opportunities and threats so that they can prepare for these and face them.

4. Workshops on "How to set Question Papers & Proper Evaluation of Answer Books"

Four workshops on 'Question paper Design and Evaluation', were organized for the faculty members. The first workshop was conducted from 26 June, 2018 to 28 June, 2018 and the other consecutive workshops were organized on 29 August; 5 September and 12 September respectively for faculty members. The rationale behind organizing these workshops was to foster more improvement in the quality of the mid-term question papers.

### Various topics of discussion during the workshops were:-

1. Domains of Learning & Taxonomy of Cognitive Domain
2. Question Paper Design
3. Characteristics of Good Assessment System: Validity and Reliability & Methods to Increase Validity and Reliability of a question paper
4. Supply Type Questions: Complete and Simple Questions; Short answer questions; Structured Questions: Interpretative Exercises & Structured Essay Questions; Restricted Response Essay Questions; Traditional Essay Questions; Numerical problems; Derivations and Mathematical Problems.
5. Outline Solution / Model Answers & Marking Scheme
6. Evaluation & Editing of Supply type Questions and Self evaluation of Question Paper of Learning & Taxonomy of Cognitive Domain
7. Credit System: What is it and how it is going to affect the evaluation process and question papers.

### 5. Input-Discussion on NBA Accreditation: Related Terminology & Issues for Department of Electronics & Communication

An input-discussion on NBA Accreditation: Related Terminology & Issues was organized by Dr. N.K. Banthiya for the faculty of Department of Electronics & Communication on August 22, 2018. The session was attended by 26 faculty members of the department. Input-discussion was related to: "What is accreditation?, What is NBA and what it does?, What is NAAC?, What is Procedure for NBA Accreditation?, What are Tier I and Tier II Institutions?, What is OBA?, What is Washington Accord? and What are PEOS, POs and Cos?"

### 5. Input-Discussion on NBA Accreditation: Related Terminology & Issues for Department of Mechanical Engineering

Input-discussion sessions on 'NBA Accreditation: Related Terminology & Issues' were organized by Dr. N.K. Banthiya for the faculty of the Department of Mechanical Engineering on 13 and 14 September, 2018. Sessions were attended by 38 faculty members of the department.

# MELANGE

THE HEART SPEAKS...

## HAPPINESS IS ABOUT FREEDOM... ARE YOU FREE?

The Dalai Lama in his book 'The Story of Happiness', says that the very purpose of life is happiness and I am sure you will agree with that. But what is happiness? We use this term to describe a range of emotions including joy, pleasure and delight. It is the state of flourishing, thriving, good fortune are successful social status.

In order to happy you need to be yourself, live by your values, be in tune with yourself and choose how you want to live, you need to know what you want, what makes you happy, so you are create the life, you need to feel about yourself and about life in general.

In order to be yourself, live life you want, you need to be free from the prison of your past and its false beliefs from the prison pressure from other people and their beliefs and from the prison of your own mind.

So be yourself, be authentic and choose who you are, your values, your own rules and terms you beliefs, free yourself from the fear of being alone. Do not sell your soul; it is the most important asset you have got. Live a life you are proud of and be a person you are proud of. This is wonderful world, you are an extraordinary person and your life can be truly phenomenal. It is pure magic. LIVE IT...

Harshita Sharma  
I B.Tech., Dept. of IT, Section-L

## APPRECIATION

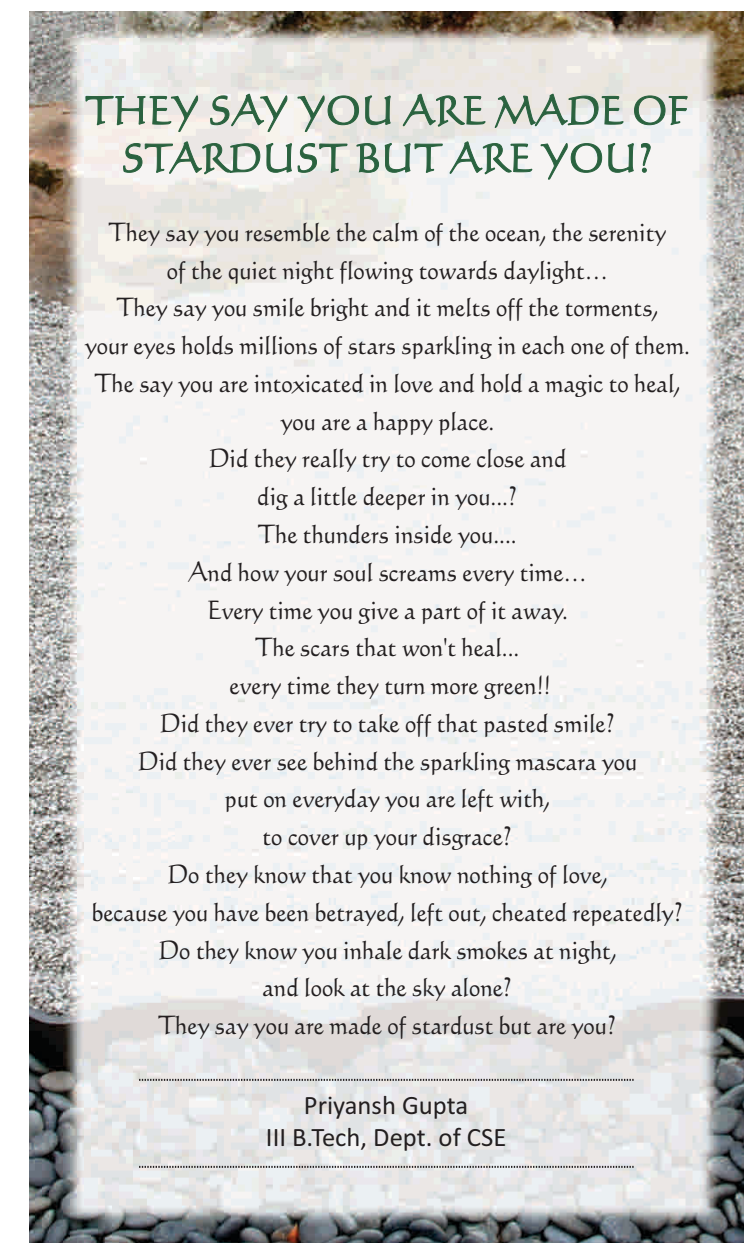
Positivity is another word for appreciation. Almost every renowned businessman is familiar with the statements of Noelle Nelson. A magazine published her views on how to increase the confidence of employees, to which she advised—'Just appreciate your employees... and yes this really works'. Each and every person wants to be appreciated for his work. Someone has rightly said, "A minute of gratitude can change other person's attitude".

We all want and need to feel valued for who we are and want to be recognized for our contributions. It is a fact that when one helps someone, one wants to hear a word of thanks at least, if nothing more. If we are appreciated for something we have done at our workplace or in college/ school, it boosts our spirits, and motivates us to realize our purpose. It enhances our self-image & self-esteem. Appreciation for our work also provides us energy and motivation to work harder. When you appreciate others it will increase your market value. When you appreciate someone, their respect for you will grow and so will your influence as a leader.

Now, what is the dictionary meaning of appreciation? It says 'the act of recognizing or understanding that something is valuable or important'. You can be grateful for anything like you can appreciate yourself for waking up safely in the mornings, you can appreciate yourself for completing your assignment, you can appreciate yourself for reaching on time at your workplace, you can appreciate yourself for getting good marks. So, one should keep appreciating oneself and others.

*"Feel free to Appreciate. Spread the Colors of Freedom"*

Ujjwal Garg  
II B.Tech., Dept. of IT





## MY SOUL

As the flower blooms, as the rain drops,  
as the light glows in gloom, my soul seeks for peace.  
Killed my dreams, changed my path, made me cry,  
the monster inside.  
Hated the most, never want to become,  
but destined to become the fake one.  
Frightened by darkness, seeks for light,  
being in the gloom my heart became tired.  
My soul is still glowing, under the foot of the darkness.  
As the dim light in the dark room,  
shines like a star in the sky. Like a caged bird,  
wish to fly in the sky,  
but my wings being cut down by those cruel lives.  
As twisted as the human life,  
no one can understand me, even in the darkest time,  
wished to rise like a morning light.  
Like a mirage, I let everyone in the dilemma,  
I can't be suppressed or caged, I am free beyond freedom.

Shreyash Raj  
II B.Tech, Dept. of ECE

## MISS THOSE DAYS

I miss those days when my stars were bright,  
I used to hop up on the cloud of dreams  
& run towards the light !!  
Those small-small things for which I used to fight,  
The carefree attitude that helped me sleep soundly at night !!  
I miss those days when tension / stress was merely a word,  
When playing was reasonable for me &  
studying was simply absurd !!  
When my thoughts were clear & they could fly like a bird !!  
When it never mattered whether I came first, second or third !!  
I miss those days when my heart was pure & without any rage,  
But Now I feel like a puppet of the world,  
miserably living in a cage !!  
I used to be a book full of love & happiness,  
but what remains of it now is just a page,  
Just take me back to the time when  
I was 10 & then I don't wanna age !!

Abhinav Sharma  
II B.Tech., Dept. of CS

## 8 MONTH OLD BABY GIRL WAS RAPED BY HER COUSIN BROTHER ON JANUARY 28, 2018

This news shocked me. Such a shameful act this is. How do people even frame their minds to do something horrific to even babies? Things like these make me feel that capital punishment is the only punishment that should be given to those monsters. Such monsters should become a lesson for everyone trying to force themselves into a girl. Here is a poem written by me on this issue.

### Rape case of 8 month old baby girl.

28 January, 2018

The game that started out fun,  
Drastically turned to scare and fear.  
I wish I could run,  
Run from what he called "fun".  
Tears in my eyes,  
Blood on my legs and thighs.  
He could not hear my cries,  
Oh Brother! Stop my pain is on rise.  
I could not oppose and resist,  
I could not even open my fist.  
I could not struggle his forceful grip and touch,  
I didn't understand how a brother hate me so much?  
I am a girl, small and scared,  
I was bleeding but he didn't stop.  
My mind still conscious, trying to shout,  
I shout, I cried but he ignored.  
He was rude, kept his hand on my mouth,  
I was alive though but every piece of me was dead.  
My eyes are now swollen, my bones nearly broken,  
He took away my voice.  
I cried, cried and cried,  
His response was that it hurted like hell.  
I was hurted and was bleeding,  
He was laughing and ignoring my pleading.  
Doesn't he care? I looked at him,  
He was busy didn't hear.  
It just goes to show the real man he lacks,  
From now onwards that man stole my childhood I can never get back.  
Why would he do this? What did I do?  
I can't save myself from him.  
I don't know how to?  
I am new to this earth,  
Why Mom? Why Dad? You gave me birth.  
He hurted me for long,  
Oh MOM! I was safe in your womb.



~ MAHIMA SHARMA

Mahima Sharma  
II B.Tech., Dept. of CS

## QUEST FOR SPEECH

He was quiet, Never spoke a word.  
Troubled by his restless soul, there was none cure  
for the cries of his heart. But there was his pen  
smirking from the corner "The pen" said everything  
That he could not...

Himanshu Shekhar  
I B.Tech, Dept. of ECE



## अंतर बेटी-बेटी का

समाज - एक ऐसा परिवेश करता है, जो भेद बेटी-बेटी में...  
मार दी जाती है बेटियाँ कभी जन्म लेने से पहले....कभी जन्म लेने के बाद...  
कभी पिता के हाथों.....कभी जगजननी माँ के हाथों.....कभी दरिद्री के हाथों...  
बैठी थी इसी सोच में तभी इक ख्याल मन में आया...  
दे दूँ धन्यवाद उन्हें जिन्होंने मुझे इस योग्य बनाया...  
शुक्रगुजार हूँ मैं अपने माता-पिता की, जिन्होंने आज मुझे इस काबिल बनाया...  
इस गूढ़ रहस्य का एहसास कराया...बेटी होने पर भी बेटे का अहसास दिलाया...  
न खुद ने कोई भेद किया कभी...न मुझे इन भेद का अनुभव कराया...  
उसी समाज का अंश है ये भी तो...  
फिर क्यों सभ्यता-असभ्यता की गुथी अनसुलझी है ?  
क्यों ये पीढ़ी बेटी नहीं...सिर्फ बेटे की चाह रखती है ?  
बदलना होगा समाज को, संकीर्ण सोच बदलनी होगी..  
आज नहीं हैं बेटियाँ किसी बेटे से कम...  
आज पिता का गौरव, माता का विश्वास है बेटियाँ  
अब सिर्फ बेटा नहीं...बेटे से बढ़कर है बेटियाँ  
शिक्षा - बेटी बचाओ।

प्रियंका शर्मा  
सहायक प्राध्यापक

## वर्तमान समाज: एक परिदृश्य

अंग्रेजों की गुलामी के बाद 15 अगस्त 1947 को हमारा देश भारत आजाद हुआ था। सालों तक हमने अंग्रेजों के अत्याचार को सहा है। महात्मा गाँधी के नेतृत्व में हमने आजादी की लड़ाई लड़ी। भगत सिंह, चंद्रशेखर आजाद और नेताजी सुभाष बोस जैसे हजारों लोगों के बलिदान के बाद हमें गुलामी से मुक्ति 15 अगस्त 1947 को भारत में प्रथम स्वतंत्रता दिवस मनाया गया था। तब से लेकर आज तक लगभग सात दशक बीत चुके हैं। महात्मा गाँधी ने आजादी के बाद राम राज्य की कल्पना संजोई थी। प्रगति और विकास की ओर हमने तेजी से बढ़ने का संकल्प लिया था। पंचवर्षीय योजनाओं के माध्यम से चहुँमुखी विकास की ओर कदम बढ़ाये थे। सामाजिक क्रांति का बीड़ा उठाया था। ईमानदारी के मार्ग पर चलने की कसमें खाई थीं। आजादी की आधी से अधिक सदी बीतने के बाद हमारे कदम लड़खड़ा रहे हैं। सत्यमेव जयते से हमने किनारा कर लिया है। अच्छाई का स्थान बुराई ने ले लिया है और नैतिकता पर अनैतिकता प्रतिस्थापित हो गई है। ईमानदारी केवल कागजों में सिमट गई है और भ्रष्टाचारण से पूरा समाज आच्छादित हो गया है। देश और समाज अंधे कुएं की ओर बढ़ रहा है, जिसमें गिरने के बाद मौत के सिवाय कुछ हासिल होने वाला नहीं है।

आजादी के बाद निश्चय ही देश ने प्रगति और विकास के नये सोपान तय किये हैं। पोस्टकार्ड का स्थान ई-मेल ने ले लिया है। इन्टरनेट से दुनिया नजदीक आ गई है। मगर आपसी सद्भाव, भाईचारा, प्रेम, सच्चाई से हम कोसों दूर चले गये हैं। समाज में बुराई ने जैसे मजबूती से अपने पैर जमा लिये हैं। लोक कल्याण की बातें गौण हो गई हैं। शासन-प्रशासन प्रणाली पंगु हो गई है। भ्रष्टाचार ने भ्रष्टाचार के रूप में प्रतिस्थापित हो गया है। बाढ़ खेत को खाने लगी है। सेवा के लिए आने वाले लोग रावण और कुंभकरण से दिखाई देने लगे हैं। अनियमितता, भ्रष्टाचार और लाल फीताशाही हमारे सिस्टम का एक अंग बन गई है। देश के नेताओं और कर्णधारों ने भ्रष्टाचार को पनपाने में कोई कसर नहीं छोड़ी है। गरीब आज भी

रोजी-रोटी और कपड़े के लिए मोहताज है, वहीं हमारे प्रतिनिधि कहे जाने वाले कथित सूरमाओं के पास गोदामों में अनाज और हवेलियों में स्वर्ण मुद्राएं भरी पड़ी हैं। कई केन्द्रीय और राज्यों के मंत्रियों तक को भ्रष्टाचार के नाग ने निगल रखा है। आई.ए.एस. अफसरों को भ्रष्टाचार के आरोपों का सामना करना पड़ रहा है। देश और प्रदेश में आये दिन भ्रष्ट अधिकारियों और कर्मचारियों को पकड़ कर जेल में डाला जा रहा है। इनके घरों से लाखों-करोड़ों की बेहिसाब सम्पत्तियाँ और नकदी बरामद की जा रही है।

शासन व्यवस्था में भ्रष्टाचार के विरुद्ध आवाज उठाने वाले प्रताड़ित किये जा रहे हैं। रक्षक ही भक्षक बन गये हैं। ऐसे में देशवासियों के जागने का समय आ गया है। भ्रष्टाचार और समाज को गलत राह पर ले जाने वाले लोगों को उनके गलत कार्यों की सजा देने के लिए आमजन को जागरूक होने की महती जरूरत है। देश को बचाने के लिए कमर कसनी होगी। भावी पीढ़ी का भविष्य संवारने के लिए पहले खुद को सुधारना होगा। भ्रष्टाचार के विरुद्ध शंखनाद करना होगा। आदर्श समाज की स्थापना तभी होगी जब हम इसकी शुरुआत अपने घर से करेंगे। समाज की एकजुटता और अच्छे कार्य के लिए एकता का संदेश जन-जन तक पहुँचाकर हम आदर्श राज्य और समाज की स्थापना में भागीदार हो सकते हैं।

डॉ. पूनम ओझा  
सहायक प्राध्यापक

## परम सूक्ष्म का प्रयास

सोचता हूँ, मगर बात जिह्व पर आती नहीं,  
विचार आता है जरूर लेकिन मैं समझ नहीं पाता।  
सोच रहा हूँ मन से उस ओर की, लेकिन कोई प्रकाश देख नहीं पाता।  
विचार रस है मन का, या उसका मन निवास,  
प्रतिबिम्ब है उसका या उसका कोई प्रकाश।  
जो ला रहा है मुझमें नया उजास, जाने को समंदर तो है लेकिन कश्ती नहीं।  
अगर कश्ती मिल जाए नहीं तो राह थकती ही नहीं,  
मै जाना चाहता हूँ उस परम सूक्ष्म तक।  
कर भरपूर प्रयास, कहाँ कैसे जाना है, यह नहीं मेरे पास।  
नदियों का देखा था, गिरते हुए समंदर में।  
यहाँ तो समंदर ही विभाजित हो रहा नदियों में,  
यहाँ करने वाला तो है, मगर राह का पता नहीं।  
मानो कलम तो है लेकिन, लिखने को कोई कागज जँचा नहीं।

शर्मा  
तृतीय वर्ष, विद्युतीय अभियांत्रिकी

## स्वतंत्रता के रंग

स्वतंत्रता के रंग... यह एक अहसास है, जिसे लिख नहीं सिर्फ महसूस किया जा सकता है। हमारे देश में और हमारे ही क्यूँ। लगभग सभी देशों में आज भी बहुत गरीबी और भूखमरी है। आज भी लाखों बच्चों को शिक्षा प्राप्त नहीं हो पा रही है। सूडान, सीरिया जैसे देशों में तो हालात और भी दयनीय हैं सीरिया में आए दिन लोग मर रहे हैं। सब अपने घर से निकलने में डरते हैं। वहीं दूसरी ओर सूडान में लोग मिट्टी के बिरिकेट खा रहे हैं। हाल ही में केरल में बाढ़ के चलते कई लोगो के घर पानी में तबाह हो गए। उनके पास रहने तक की जगह नहीं है। हमारे लिए यह तो बस एक अखबार में छपा हुआ समाचार जैसा है जिसे बस पढ़ कर हम पेज पलट देते हैं। परन्तु वहाँ के लोगो की तो जिदगी तबाह हो गई है। हम इन सब घटना को देखकर भी कुछ नहीं करते हैं। और करे भी क्यों सब के दिमाग में बैठा हुआ है सरकार है ना। बस वो सब देख लेगी, हम क्यूँ ? बस यही एक गलती है, जो इन सब चीजों को बढ़ावा दे रही है। हमें हम क्यूँ ? के बजाय हम क्यों नहीं ? का प्रश्न लोगो के बीच पहुँचाना है। जिस देश में आप रह रहें हैं, वह देश आपका है, उसकी सुरक्षा की जिम्मेदारी जितनी सरकार की है उतनी ही आपकी भी है। जब हम सब मिलकर एक हो जाएंगे, तब जाकर हम स्वतंत्रता के रंग को महसूस कर पाएँगे। धन्यवाद

अक्षय शर्मा  
प्रथम वर्ष, कम्प्यूटर अभियांत्रिकी



Shubham Kumawat (Asth. Prof CE)



Shubham Kumawat (Asth. Prof CE)



Samardeep, I B.Tech., Dept. of ME



Mansi Gupta, III B.Tech., Dept. of CS



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Niharika Saxena, IV B.Tech., Dept. of CS