



2017

Rajasthan Institute of Engineering & Technology





Over the years, RIET system has evolved to reach and hold a unique position of pride in the technical education system in Rajasthan. It gives me immense pleasure to welcome all and joining hands with us to achieve our goal towards sustainable development of our nation. RIET Newsletter gives you a Review of all the activities which makes us the best amongst all.

Dr. Saroj Hiranwal

Principal RIET

RIET Newsletter

Issue: 5 | Jan-Mar'2017

Youth Day (Digital Payment Awareness Camp) (12-01-2017)



The National Service Scheme (NSS) wing of Rajasthan Institute of Engineering & Technology, Jaipur organized Digital Payment Awareness Camp in the Village -Muhana, jaipur on 12-01-2017. This mega camp was organized on the Special occasion of Youth Day. The Member of Gram Panchayat Muhana congregated at the Village Muhana, Jaipur were also involved in this social cause with NSS Volunteers. The Sarpanch of Muhana village said," We feel great to be involved in the event Digital Payment Awareness Camp and feel the urge to aware the villagers and solve the Digital payment Problems of many shopkeepers and Villagers". The camp was Organized in a much disciplined manner and solving each and every problem regarding

Digital Payment Mode. The camp packed up in the evening at 5.00pm. A noble cause was duly and successfully fulfilled.

Blood Donation Camp 23-01-2017



The National Service Scheme (NSS) wing of Rajasthan Institute of Engineering & Technology, Jaipur, organized Blood Donation Camp in the college premises on 23rd Jan 2017. This mega camp was organized in the memory of 120th Birthday anniversary of Late Netaji Subhas Chandra Bose (23rd Jan 2017). Prof. (Dr.) Saroj Hiranwal, Principal RIET and Dean Academics RIET, Prof. Kapil Dev Sharma, inaugurated the camp by lighting the lamp. A cluster of over 600 students of Jaipur congregated at the RIET campus to participate in this social cause. Refreshments were provided to the donors as essential for the body. The camp was organized in a much disciplined manner checking each and every aspect of donor's health. The college management took immense care to meet the requirements of students after donating the blood, so as to avoid any mishaps in the campus.

Short-Term Course on PHP and MYSQL by NITTTR

Organize by Department of CSE 23-01-2017-27-01-2017

The Department of Computer Science & Engineering is orgainizing a One week Short Term Course on "PHP & MySQL" through ICT from 23.1.2017 TO 27.1.2017. The course was sponsored by NITTTR, CHANDIGARH. Total 28 participants from CSE & MCA departments have registered themselves for the course. Three informative training sessions were organized by NITTTR on 23/1/2017 (Day 1) where session 1 was based on "Overview of Sources and Installation of XAMP", session 2 was on "Introduction to HTML and Designing" and session 3 was based on "Introduction to PHP and Integration with HTML, Variables, and Operators & Loops". The course will continue till 27/1/17 and will be having various informative sessions on CSS, MySQL and Javascript.

Seminar on Career Opportunities for Engineers in India Army 18-01-2017

On 18th Jan 2017, a seminar on Career opportunities for Engineers in Indian Army conducted by T&P Cell. Prof. (Dr.) Saroj Hiranwal Principal RIET, welcomed Col. V.S Pathania with a bouquet and the seminar was delivered by col. V.S Pathania, J & K Riffles and HEAD, Recruitment Cell Jaipur.

The program was started by showing a video clippings which emphasized on the various branches of engineering field that are incorporated in Indian Army.

He highlighted on various fields and scopes for engineers in Army. He enlightened the students that how they can enroll themselves in various fields. Along with he also mentioned about starting pay scale, growth and stability in Indian Army.

The students founded it very beneficial and looking forward to make their career in Indian Army and a momento was presented by Mrs. Monika Shekhawat, TPO RIET.



Republic Day Celebration 26-01-2017

On the occasion of the 68th republic day, the compound of RIET throbbed with the vibes of patriotism. The ceremony started with the demonstration of parade followed by the flag hoisting by the chief guest, Honorable Chairman of RIET.



Honorable Chairman Shri R. S. Tomar recounted the students the significance of the day and made a special request to

introspect ourselves, our deeds and to think high of the reason of coming into the world. The Principal Dr. Saroj Hiranwal and the Dean of Academics Professor Kapil Dev Sharma in their respective Speeches emphasized over making our life meaningful and to work for uplifting the society and the nation we live in. The cultural events added life to the event by leaving the spectators mesmerized and with a few thoughts to ponder over. The event was witnessed by 300+ audiences. The dance and music thawed the frozen patriotism by the chilly weather. It warmed the environment by sparking energy in every single entity present in the premise of the college. The center of attraction was the nukkad by the very talented drama team of RIET, the Sangharsh, featuring the most sought after issue 'the blame game.

The ceremony was beautifully brought to conclusion by Professor Dr. Manisha with urging the youth to discover their potential and to use it in favor of the nation. The distribution of sweets among the audience formally concluded the ceremony.



Basant Panchami Celebration 01-02-2017

The breeze of sanctity blew in the campus when RIETians assembled to celebrate Basant Panchmi. Honorable Principal Saroj Hiranwal, Dean of Academics Professor Kapil Dev Sharma, HODs of respective

departments, all the faculty members and students wholeheartedly joined in the celebration. The event started with ceremonial lamp lightening by Honorable Principal followed by aarti of the goddess of knowledge.



The reverberating chant of mantras in the college premise sent a thrill down the spines of the enthusiastic devotees. Everybody along with the Principal prayed and asked Maa Saraswati for intellectual and spiritual guidance and to make the college an educational hub where people could not only learn but also apply the learning for the betterment of nation. The distribution of sweets marked the Conclusion of the ceremony.

CARNIVAL XVII and ANNUAL FUNCTION

Rajasthan Institute of Engineering & Technology organized techno- Management





Fest and Annual Function on 17th& 18th February 2017. On 17th Feb, the inauguration of the national level mega event – Carnival XVII was done by the Principal Dr. Saroj Hiranwal and the Dean of Academics Professor Kapil Dev Sharma by welcoming the chief guest Mr.N.C.Mathur, Director of Engineering, JDA, who lit the lamp and declared the commencement of the ceremony.



The inaugural had some heartwarming performances by the specially-abled Disha Foundation, children of Nirmannagar, Jaipur - an NGO working towards the betterment of estranged children. A painting competition too was held to exhibit the hidden creativity within the little gifts of God. The inaugural was concluded with the vote of thanks by the Dean of Academics Professor Kapil Dev Sharma.



In 2 days event, Colorful amalgam of around 65 technical, cultural, literary, creative and fun events under the name of Technothon, Spectra, Siyahi and Zealicon brought a change in typical air of the college. Blood with the color of enthusiasm flowed in the veins of participants as well as audience. A thrilled and zealous

participation was observed in the events.



Twenty-five hundred students from colleges across Jaipur took part in the Carnival and prizes of worth Rs. 1 Lac were given to the winners and runner-ups.

In Siyahi, students tested the strength of the ink of their pen and neurons of brain in the realm of events related to literature and knowledge. There were story, article and poetry writing, along with debate, JAM, personal interview and youth parliament. Catering the taste of new generation students were introduced two new events namely Harry Potter and Game of Thrones quizzes. The events proved to be an all-in-one diet for everyone however remotely concerned with the flavor of words.



Calming the restless nerve of tech geeks was Technothon the technical events. There were fascinating activities of circuit designing, coding, robo race etc. Plus the classroom war of mini-militia along with other video games such as subway surfers, NFS and cricket 07 were given a larger platform

where enthusiasts challenged their friends and emerged as the champion of respective competitions.

In Spectra, the series of cultural events brought euphoria to the mass. The musical and dance performances encouraged people to shake their legs with their colleagues.



The nukkad left everyone with a beautiful message to think over. The limelight of the event was ramp walk and roadies. Treasure hunt and Tortoise biking also arrested the attention of the audience with their zeal.

For testing the energy flowing in the veins of youth-Zealicon a stack of sports and fun events comprising of highly entertaining activities and games in which gully cricket, bull's eye, sack race, snake and ladder etc. to name a few, were organized. The idea of every student being an artist was promoted and thus a canvas of activities was provided where they could paint a masterpiece. Students flaunted their creative skills in array events such as tattoo and nail art,

rangoli and poster making, sketching, face painting, photography etc. Grand Event screwed the crowd.





Our sponsors Wings & wheels attracted the crowd by giving them the opportunity to show their talent on ropes.



The thrill of the previous evening had barely faded when the new morning of 18th February 2017with a new spirit arrived. It was the annual function as well as the 2nd day of the carnival at RIET, Jaipur, where the enthusiastic mass was waiting impatiently for the activities of the previous day to resume. A workshop on technical jargons was delivered by the delegates from IIT Kanpur for registered participants and the idea of organizing this methodical workshop on technical aspects has proved to commendable with a total of 250 enthusiastic and eager participants.



The day started amidst cool breeze and warming speech of the chief guest of the event Mr. Digambar Singh, cabinet minister, BJP, who was welcomed by Honorable Chairman of Institute, Kunwar Bhim Singh, and Principal Dr. Saroj Hiranwal, Dean of Academics Professor Kapil Dev Sharma. The other guest of honor of the day was Smt. Snehalata Singh- Vice President Cooperative Bank, Bharatpur, and Ku. Abhishel Singh, President Land Development Bank, Bharatpur, Shri Assistant Kumar Singh, Arun Shri Commissioner-Transport, Singhal, Director DPS, Bharatpur. The hours proceeded with the continuation of technical, literary, creative, cultural and fun events.

Word-enthusiast were drawn towards debating and article writing and similar such literary events. A plethora of technical and non-technical events appealed to the students as well, in which whole-hearted participation was

observed. Magnetic fun events such as treasure hunt, X-factor, gully cricket etc. successfully drew the crowd. The battle of band was the most eye-catching event in the campus.



The principal Dr. Saroj Hiranwal presented annual report for the academic year 2016-2017. The evening was the most awaited hour as the winners of various events eagerly looked forward to the prize distribution ceremony. Participants were felicitated on the basis of scrutinized results, besides; special recognitions were given to a number of students for their outstanding achievements in curricular and extra-curricular activities.



A total number of eighty students were awarded with the gold and silver medals on this occasion.



The felicitation ceremony was succeeded by cultural programs which swayed the mass to the rhythm. The DJ night had students as well as teachers rise on their place and shake leg with colleagues. The event concluded beautifully with thousands of new memories imprinted in the hearts and minds of people involved.

The vote of thanks was extended by the Dean of Academics Professor Kapil Dev Sharma. He thanked Ku. Bhim Singh, Smt. Snehalata Singh- Ku. Abhishel Singh, Bharatpur, ShriArun Kumar Singh, Assistant Shri T.K Singhal. He also thanked the Principal, faculties and students for their cooperation in making the event a grand success. He appreciated the untiring effort put by the team to make the plan a reality.



He encouraged and looked forward to many such events where there could be exhibition of hidden talents and a kinship of a team could develop between the faculties and students.

Below are the names of the students who have excelled in various extra-curricular and co-curricular activities:

List of Students for Appreciation								
Sr. No.	Name of Innovation and Concept	Name of Students	Dept					
1	Vishweshwarrayya Space Module	Sanjay LakshmiNarayan	ME					
		VinitSoni	ME					
		Devender Kumar	ME					
		Surender Kumar	ME					
		Yashwant Singh	ME					
		Anil Yogi	ME					
		Jitendra Singh	ME					
		Harshvardhan	ME					
		Raj Kumar	ME					
	Borewell Rescue Robot	MdMehtabAlam	ME					
		MdTauqeer Ahmed	ME					
		Md Imran	ME					
2		MdSharukh Ansari	ME					
		ShoaidAkthar	ME					
		Parveen Kumar -1	ME					
		Parveen Kumar -2	ME					
		Naveen Kumar	ME					
		Rishabh Sharma	ME					
		RishabBhatnagar	ME					
3	Innovative Ideas	Somnath	ECE					
		DikshantPandey	ECE					



Medal & Certificate





Science Carnival

The Science Carnival was held on 17-02-2017. This Championship was planned to show case the talents of our young Visionaries/Scientists from various schools in and around Jaipur. The function was being organized of with motto promoting Technology and Innovation amonast the school children especially from 12th standard. This championship provided the platform for exchange of ideas, innovation, learning etc. by students from all across the state.

The venue of the Event was Technology Park, RIET from 11:00 am to 1:00 pm. The Model which stood 1st in Science Carnival was Low Cost Air Conditioner which was made by the students of Tagore Public School, Vaishali Nagar, Jaipur.

Name of the students are as under:-YatharthKalla, Shiyam Joshi & MohitGoyli

The Model which stood 2nd in Science Carnival was Rotating Bridge which was made by the students of Universe Public School, Meenawala, Jaipur.

Name of the students are as under:-

ReenaKumari, PriyankaRathore & Vipin Kumar

The remaining teams of both the schools were awarded consolation prizes and encouraging them for their good presentation and the models they have prepared.

The rest of the participants were awarded with certificate of participation for their active involvement.

Seminar Organized by Department of Civil Engineering 12-02-2017

Department of Civil Engineering organized a seminar in association with Bureau of Indian Standards on "Utilization of Standards' on 12-02-2017. The seminar was conducted by Mrs. Kanika Kalia (Joint Director BIS Jaipur) Mr. Shiv Prakash (scientist-C, BIS Jaipur). **Introduction:** The Bureau of Indian Standards is the national Standards Body of India working

under the aegis of Ministry of Consumer Affairs, Food & Public Distribution, and Govt of India.It is estb. By the Bureau of Indian Standards Act, 1986.The organization was formerly the Indian Standards Institution (ISI), set up under the Resolution of the then Department of Industries and Supplies.



Mrs. Kanika Kalia introduced about various codes used in civil engineering and also about other standards and its uses. Specification for ordinary Portland cement, Specification coarse and fine aggregates from source for concrete, natural Specification for Portland slag cement, Code of practice for plain and reinforced concrete etc.

> Seminar Organized by Dept. of Civil Engineering 14-02-2017

Department of Civil Engineering organized a special lecture on "Warm Mix Asphalt: Asphalt Mix isn't always Hot" by Dr RAJAN CHOUDHARY on Tuesday, 14-02-2017 at RIET Jaipur.

Dr. RAJAN CHOUDHARY started this session with the introduction of Indian road Infrastructure, History & New Projects of Highways. He shared about Hot Mix Asphalt, Warm Mix Asphalt used in Road Construction and also about Problems with Hot Mix Asphalt in Road Construction &

Advantages of Warm Mix Asphalt. In his session, he also informed students about Asphalt concrete. As Per him, Hot mix asphalt concrete commonly abbreviated as HMAC or HMA is produced by heating the asphalt binder to decrease its viscosity, and drying the aggregate to remove moisture from it prior to mixing.



Warm mix asphalt concrete commonly abbreviated as WMA is produced by adding either zeolites, waxes, asphalt emulsions, or sometimes even water to the asphalt binder prior to mixing. This allows significantly lower mixing and laying temperatures and results in lower consumption of fossil fuels, thus releasing less carbon dioxide, aerosols and vapors. Not only are working conditions improved, but the lower laying-temperature also leads to more rapid availability of the surface for use, which is important for construction sites with critical time schedules. The usage of these additives in hot mixed asphalt may afford easier compaction and allow cold weather paving or longer hauls. Use of warm mix is rapidly expanding. A survey of us asphalt producers found that nearly 25% of asphalt produced in 2012 was warm mix, a 416% increase since 2009. The Special Lecture organized was very successful.

Seminar (Tech-Talk) "Renewable Energy Recourses, Scope & Polices 02-03-2017

poverty in many developing countries Energy continues to be a major challenge as nearly 1.3 billion people, 19% of the global population lack access to electricity, and 2.7 billion, 39% still rely on traditional three stone fires for cooking". About 60% of additional generation needed to achieve universal access to electricity by 2030 is estimated to come from decentralized off-grid installations, either ministand-alone. Renewable grids or energy technologies can became promising economic options for off-grid electrification in most rural areas.

Concerned about catering the need for alternative energy resources for the world a seminar cum Tech-Talk on 'Renewable Energy: Resources, Scope and

Policies' was held at Rajasthan Institute of Engineering and Technology on 02-03-2017 at RIET. The event inaugurated by today's chief guest, a notable speaker and Dr.G.R.Singh, visionary Advisor/Scientist - G (former), Ministry of New and Renewable Energy (MNRE), Government of India along with Prof (Dr) Saroj Hiranwal, Principal, RIET & Prof. Kapil Dev Sharma, (Academics & Administration), RIET. Principal RIET, Prof (Dr) Saroj Hiranwal; addressed the aatherina with his welcome speech and brief about the importance of Renewable Energy and contribution by Dr. G. R. Singh, Advisor/Scientist G(former), MNRE, Government India, in the field of Renewable Energy. Chief Guest and Speaker, Dr. G. R. Singh, Advisor/Scientist - G (former), MNRE, Government of India, a keen Scientist and outstanding reformer who has experience of rich industry, Renewable energy spoke to the students and faculty members about Renewable Energy Resources, it's Scope, installation Mechanism and Policies' and encouraged all to work in this field to make our Jaipur as Smart-city by installing and generating maximum electricity Solar Power. through seminar focused on the topic of utmost concern in the present renewable energy resources. The chief quest and today's speaker presented his views about harnessing and benefiting the mankind with the bounty of alternative energy resources whose availability is abundant in our country. He shared his views in four different areas of Renewable Energy i.e bio energy, solar energy, wind energy and microhydro energy of the country could be used to meet the

everyday-increasing demand of energy in developing India. The seminar concluded with the vote of thanks extended by, Mr. Shashikant Ray, Head of the Department, and Electronics & Communication Engineering with a healthy discussion and an anticipated involvement for contributing in the development in the field of alternative energy resources.



Women's Day Celebration 08-03-2017

8th March of every year is the most special day for every single women of this world. International Women's Day is a global day celebrating the economic, cultural, political and social achievements of women.



This day is collective day of global celebration & a call for gender parity. No one government, NGO, charity, corporation, academic institution, women's network or media hub is solely responsible for International Women's Day. The story of women's struggle for equality belongs to no single feminist nor to any organization but to the collective efforts of all who care about human rights.

This day is all about to celebrate the achievements of every single lady who exists in this world. This day is celebrated in RIET with full of joy and enthusiasm.

Holi Celebration 13-03-2017



Holi, the festival of colors was celebrated with great enthusiasm on 13.03.2017, in the college campus. The hostellers enjoyed a lot with the faculty and other staff members by applying vibrant herbal colors on each other. The day ended with sweet distribution and a lot of enjoyment.

India's first ever Go Kart car on Latest Technology (IOT) By Mechanical Department The Go-kart is very volatile and similar to F1 car. India's 1st ever made GO-KART which is based on latest technology IOT (Internet of Things). The starting mechanism as well as switching of light is controlled by Voice Recognition. The maximum speed of this Go-Kart is 90 KM/HR containing a Continuously Variable Transmission (CVT) Engine of 110CC. The braking system is achieved by Disc brakes and the power transmission is done by Chain Drive System of equal teeth spokets.



It was an immense pleasure for participating in Go kart racing event organized by JECRC University. Rather than us three more colleges participated in this event with their respective Go kart. The collages were JECRC University, JECRC collage and Poornima University.

The event was basically of lap timing consisting of three laps in each round and was knockout racing of two rounds. The lap timing of first round was 4min 29sec and in the final race our lap timing was 5min 17sec whereas the opponent lap timing was 7min 45sec. We won the race by 2min 28sec.



Sports Events

LMNIIT Organize a national level inter university sports tournament (20-22 Jan 2017)

RIET Won 3 Gold and 2 Silver in Boxing

Name of the Students: Pankaj Sharma, Chandramohan, Sumit kumar, Vishal patel, Ankit Kumar Boxing Referee/Judge: Mr. Ghamandi Singh



Manipal University organize a national level inter university sports tournament (17-19 Feb 2017) RIET is the Runner up in Volley ball tournament



ACEIT organize a national level inter university sports tournament (1-3 March 2017)

RIET is Runner up in Kabbadi (boys)

JK Lakshmi path University organize a national level inter university sports tournament (23-25 Feb2017) RIET won in Kabbadi (boys)



GyanVihar University organize a national level inter university sports tournament (23-25 Feb 2017). RIET won in Kabbadi (boys)



LPU organize a national level inter university sports tournament. RIET won in Boxing.



Faculty Development Programme 24-03-2017

On 24th March 2017, RIET organized on "Communication FDP for Excellence". The Academic spokesperson for the event was Dr. R.L. Raina, VC at JKLU, Jaipur. Before taking over as VC of JKLU, Dr. Raina was professor at the Indian Institute of Management, Lucknow (IIML), where he contributed in areas **'Planning** Development, & Research & Consulting, Academic Leadership, Placements, Library, Computer Centre, Student & Alumni affairs and Corporate Communication & Media Relations.

Dr. Raina emphasized on interactive session for faculty with students. As per his experience Expression and Reception is the 'Guru Mantras' for communication. The key factors to excel in academics are research (processing of knowledge), teaching (knowledge decimation) and situation for granted; he should never jump on

the conclusion and should always face the situation with active mind application (Knowledge implementation). It was an interactive Session which ends with the moral that a human being should never take the



The session left an enthusiastic feeling of developing the communication skills among the faculties as it is the essential part for individual's existence. The FDP was concluded with vote of thanks by principal Prof. (Dr.) Saroj Hiranwal.

Pride of RIET



Narayana Rajore Gold Medal in Shot-Put @ VGU University (National Level Sports Tournament)



Nidhi Gold Medal in Table Tennis @ ACEIT University (National Level Sports Tournament)



Shruti Goyal (MCA)
University Rank Holder
10th Rank in RTU
Batch : 2013-16
Roll No. : 13CRIXX635 (83.13%)

NSS Special Camp Organized at Muhana Village 20-03-2017 to 26-03-2017

RIET organize special Camp at Muhana Village under NSS from 20-03-2017 to 26-03-2017.





Placement Activities

The placement activities of RIET TPO showed very good results. Four companies visited the campus in the month of January 2017; a total number of 19 students were selected in the process with an average package between 1.5 to 4.2 lac per annual. The details are tabulated below:

S.No.	Company Name	Logos	Visited Date	Bra	nch Student Name	Package (LPA)
1	Bullseye Investment Corp	Bull'sEye	11.01.2017	MBA	Chetna Kumari	3
				MBA	Kanchanbala	3
				MBA	Nishtha Chajjed	3
				MBA	Priyanka Goud	3
				MBA	Anuj	3
				MBA	Nidhi	3
				MBA	Sakshi	3
				MBA	Prachi aheshwari	3
2	ICICI Securities- IIRM	ficici Securities	21.01.2017	MBA	Raunak Sinha	4.2
3	KDS Group India	K D S G R O U P MOTHE GARS ACHES	02.02.2017	MBA	Raunak Sinha	4.2
				MBA	Divyanshu Rai	4.2
				MBA	Priyanka Goud	4.2
				MBA	Prachi Maheshwari	4.2
				MBA	Kanchanbala	4.2
				MBA	Chetna Kumari	4.2
				MBA	Nishtha Chajjed	4.2
4	ICICI Prudential	PICICI PRUENTIAL	06.02.2017	МВА	Chetna Kumari	1.5-1.7 + Incentives



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