POORNIMA WINNERS

(The Annual Magazine of Poornima College of Engineering, Jaipur)

GREEN TECHNOLOGY

EDITORIAL BOARD

CONTENTS

Editor's Note

Pursue your Educational Dreams at Poornima College of Engineering a "Magical Marvel"

It's a matter of great pride and privilege for being a part of College Annual Magazine 'Poornima Winners', Issue : XVIII.Poornima College of Engineering provides platform to every students to develop their learning skills. The main thrust of the college has been to achieve human excellence to shape the personality of pupils through a host of curricular, extracurricular and instilling in them the moral values.

With the onset of the working year 2018-19, the College Magazine has functioned as an independent society. Its primary focus has been geared at covering events and notable issues within the college, as well as writing articles and conducting interviews aimed at navigating the student body's associations and relationships with current events, popular culture, academics, and so on.

The magazine continues to expand its reach to achieve its vision of being a truly representative student publication. We have recently expanded into the digital world through the inception of our blog, where we try and engage the college community by publishing their creative content regularly, by organizing competitions, and through continued and rapid reporting about college events.

The team hopes to build on this ethos just as much during the upcoming academic years.

Dr. Lily Agarwal
(Editor-In-Chief)

We at Poornima believe in...

Vision

To create knowledge based society with scientific temper, team spirit and dignity of labour to face the global competitive challenges.

Mission

To evolve and develop skill based systems for effective delivery of knowledge so as to equip young professionals with dedication & commitment to excellence in all spheres of life.

Quality Policy

To provide Quality Education through faculty development, updating of facilities and continual improvement meeting university norms and keeping stake holders satisfied.

Sh. Vineet Kashyap
(MD, BL Kashyap & Sons Ltd.)

Message

Civil Engineering is one of the worlds' oldest professions. No country or society today would succeed without the adoption of engineering at some level. Engineering and engineers have had an enormous impact on every aspect of our modern lives. From as far back as I can remember, having an engineer in the family was directly related to the respect a family got on a social scale. Till today it is one of the most respected professions especially in India.

Personally, I also think it is the most underrated profession, as most engineers especially civil and other allied engineers - don't get validation for the job that they do. As our world becomes rapidly more technology dependent, the reliance on good tech will make Engineers increasingly important.

India has great history of engineering institutions and engineering feats like Bhakra dam, Indian rail network, Space programs, Communication and Indian IT industry infrastructure and recently our urban rail public transport. This is just the beginning in our country and growth in engineering and has an upward, onward way to go.

At B.L Kashyap we are contributing in our own small way. We have started the BLK Wizard Program in Jan 2019. This is a 15-month ongoing program akin to a BLK University where young engineers from within the company are mentored, trained and given industry experience. At the end of it, 10 engineers will be hand-picked every 15 months and put in an accelerated growth program to be trained as future leaders.

Those who are part of the accelerated growth program will be given shadow training at all levels, to give them first-hand experience of what the job entails. Promising candidates will be sent to the IITs and other country-renowned institutions for their short construction-linked programs.

The onus lies on us as always for being champions of change in our respective roles in our respective industries and make sure the young engineers are nurtured, mentored and taught skill sets that will equip them to become leaders in their fields.

I would like to leave you with a quote as some food for thought….

"All we know about the new economic world tells us that nations which train engineers will prevail over those which train lawyers. No nation has ever sued its way to greatness." ― Richard Lamm

Sh. Vineet Kashyap
Chairman, Governing Council,
Poornima College of Engineering

Dr. S.M. Seth
(Former Director, NIH, Roorkee)

Message

There is a great need for the introduction of new values in our society, where bigger is not necessarily better, where slower can be faster, and where less can be more. – Gaylord Nelson

I am glad to learn that Poornima College of Engineering (PCE) is bringing out 2018-2019 issue of its Annual Magazine 'Poornima Winners' on the theme of Green Technology. As the planet's natural resources are drying up, the use of green technology seems to be the only knight in shining armor that can save us. The term is used for all the environmental friendly technologies that doesn't disturb or destroy the environment and natural resources.

Ensuring that engineering graduates address sustainability in their work requires more than just teaching them to assess the impact of their activities on the environment and how to install pollution control devices. Engineering graduates will need to understand the factors inhibiting the implementation of clean green technologies and their own roles and responsibilities as engineers in shaping technologies. The environmentally conscious engineering graduate will be a fully professional, independent adviser who will be able to choose which technologies are most benign and appropriate in terms of sustainability; be able to put a convincing case for such technologies; understand the impediments to their being implemented.

Green technology is crucial for our future. Poornima always chooses to see challenges as stepping stones & opportunities leading to achieve greater heights towards desired goals! The addition of new skill sets and competencies have become key requirements that would help students to gain excellent theoretical knowledge base and development of skills as per Industry requirements.

I am sure that the magazine makes interesting matter, encompassing and reflecting the vibrant campus life and would provide relevant enlightened information I congratulate all contributors to growth story of PCE and wish excellent success to the coming issue of 'POORNIMA WINNERS'.

Dr. S.M. Seth
Chairman (Emeritus), Poornima Group

Message

Conservation is a state of harmony between men and land. - Aldo Leopold.

I deemed it to be a matter of immense pleasure and honour for me to address you all through the Annual Magazine (Poornima Winners) of Poornima College of Engineering. It is indeed very heartening to witness that the college has carved a name for itself in the academic scenario of the region. Education is the most powerful tool to bring desirable changes in our personality and also to bring positive changes in our society. It is the only medium which enables you to move from darkness to brightness.

Dear students, I strongly believe that, there can be no better way to drive and improve our nation's prosperity and social economic well-being than through its education system. I also believe that, technocrats are the key to continued economic and technological advancement of our country.

I would take this opportunity to urge you all to focus on all Green Technology to improvise in the environment. You should always have your education to be in harmony with nature and in maintaining the ecological balance. This task has to be taken over by the academicians to provide the holistic approach towards the society and nation as a whole.

I earnestly hope and trust that, my esteemed academicians and budding technocrats will work with sincerity, honesty and dedication and thereby contribute to make this world a better place to live in.

I wish Poornima Group a bright future ahead.

Shashikant Singhi
Chairman, Poornima Group

Message

I am glad to learn that "Poornima College of Engineering" is coming up with its Annual Magazine – "Poornima Winners for session 2018-19 on the theme – "Green Technology". A college magazine helps record the curricular and extra-curricular journey of the institution and provides an opportunity to faculty, staff & students to showcase their talent and explore their creative potential.

Alongside academic and curricular inputs, co-curricular and extra-curricular activities help shape the overall personality of the student.

I extend my greetings and best wishes to the faculty, staff and students of "Poornima College of Engineering" and wish them success.

Ar. Rahul Singhi
Director, Poornima Group

Message

I am delighted to bring out the XVIII edition of annual magazine of Poornima College of Engineering, "Poornima Winners". The objective of publishing annual magazine is to showcase outcome of efforts taken by various stakeholders of an Institution. In view of current need, theme of this publication has been kept as Green Technology. Global warming is an alarming issue, arose out of advancements in the technologies, their applications and changing life style across the world. Therefore, its responsibility of every individual whether Engineer, Researcher, Industrialist, educationist, or students, to look for development of Green Technology and Sustainable developments.

Poornima College of Engineering is one of the oldest best performing Institutions under Rajasthan Technical University following an upward growth path in all dimensions. This issue of Poornima Winners depicts an overview of traits exhibited by faculty and students during 2018-19. Poornima is known for providing quality education and keeping the trend has achieved greater heights in terms of placements, highest placement package, RTU results, Students participation and winning the prizes across the nation, organization of number technical, curricular and co-curricular activities, participation and achievements in GATE and other examinations, etc.

The Institution runs various clubs and professional societies such as ISTE, IETE, IEI, IEEE, ACM, ISLE, ASHRAE & ISHRAE, SAE and many more for overall personality development of students through student driven activities.

The Institution is collaborating with industries and academia at National and International level, working in different domains to promote and develop student's design and implementation skills. Here students are nurtured and transformed to serve the best to the industry and the society. The students and the faculty are actively engaged in learning and aligning themselves in line with current Industry and Technological trends. Various training tools and mechanism have been developed for upgrade and excel in the areas of interest. Students are supposed do a project every semester, exhibit and compete at national level that enhances their design and implementation skills and make them employable.

I hope that our faculty and students shall follow the trend and take it further to occupy a better position.

Where there is a will. There is a way. Nothing is impossible in the world.

Dr. Mahesh M. Bundele
Director, Principal
Poornima College of Engineering

Message

If you have strong purpose in life, you don't have to be pushed. Your passion will drive you through.

I am indeed glad to express my views through Winner-2019. It should be always kept in mind that the secret of success, the source of strength, the foundation of power and the path to glory is knowledge. Knowledge is power and idea rules the world. When you know your goal, you march towards it with firm determination and accomplish your objective and realize your ambition. If an engineer can analyze and find the problem, it can be corrected instantly. If the computer engineers know the bug in a computer programme, he can work on eliminating it and make the programme error free. Knowledge can never be robbed or stolen. Therefore, to win and lead, you must first acquire true & vital knowledge. Knowledge will prove to be the most treasured virtues of your life.

Keep on trying to "know your why?" and feel truly passionate about the way to achieve your goals you set for yourself. To be successful, make early targets and break them down into monthly, weekly and finally daily targets. If your goal is to clear a prestigious exam like IES or GATE, break it down into what you can study in a month, week and finally in a day. Celebrate your success each time you reach a mile stone, acknowledge your accomplishments in a positive way.

I hope that Winner-2019 will be fully educative and will help everyone to understand the mission and the vision of Poornima College of Engineering and on the top Poornima Foundation. I am sure that Winners-2019 will help every one of us to keep the Poornima Flag flying in all spheres of Life.

I wish and pray to god that combined efforts by everyone in various initiatives will bring smile on everyone's face and will be a landmark & path to success.

I extend my greetings to the team of Winner-2019 and all the stakeholders of Poornima College of Engineering, Jaipur.

Jai Jai PoornimaSansthan, Jai Hind!

Pankaj Dhemla
Vice Principal
Poornima College of Engineering

Message

In prevailing scenario, what needs to be emphasized and focused upon is inculcating a general sense of responsibility, perseverance and moral altitude so that students overcome future challenges in the best possible manner.

Proctor is a faculty member mainly to keep students motivated, aware and informed about various etiquette's, campus mannerism, discipline, policies, rules & regulation of the University. He is facilitator to make students professional and disciplined. He is to ensure that students are disciplined and follow rules and regulations of the University.

As a Proctor, I wish to sail it through very smoothly till you achieve your goal. In your journey, there are likely to be very smooth and not- so- smooth moments. But it's a natural flow of life. Be mentally strong to face them but with being alert and conscious. Mental and physical Discipline would pave your way to arrive at the goal. As a Proctor, I would facilitate you, guide and mentor you at this difficult moment. Never be shy or repressive to admit your mistakes; it would show you path in the darkest of the dark moments.

My Best wishes for your very comfortable, enjoyable, progressive and professional life in the campus. I am always with you and would be partner to be with you in your journey to be a true professional and a law abiding citizen of this Great Nation-India.

Mr. Rajeev David
Chief Proctor
Poornima College of Engineering

PCE Governing Council Twentieth Meeting, 2018

Poornima College of Engineering, Jaipur

A CEREBRAL PLATFORM IMPARTING TECHNICAL EDUCATION

Poornima College of Engineering (PCE)has been practicing superior standards of education since its inception in the year 2000. Ever since the inception, the college has maintained its eminence as a leading Engineering college in Rajasthan and is ranked the second position among all the technical colleges in Rajasthan. The college is the most sought-after engineering college by the applicants of Engineering degree programs in the state. PCE is moving ahead successfully to attain its vision mission to transform students into high quality engineers and managers who may also enrich the society by their adherence to ethical culture and human values and sense of service to the society and nation. PCE came into existence with the aim of promoting quality in professional & technical education in Jaipur, Rajasthan.

Poornima College of Engineering is promoted by Shanti Education Society (SES) which came into existence in the year 1999 by registering under Rajasthan Societies Act. The Founder Chairman of SES is Shri. Manohar Lal Singhi Founder Vice Chairman is Late Shri Arun Chandra Singhi. The main objective of SES is to promote Technical & Professional Education in state of Rajasthan with state of art infrastructure and strong academic philosophy. Its secretary, Ar. Shashikant Singhi, who has been a noted practitioner of Architecture and technocrat of repute, presently manages Society and its constituent institutions. Other members of the society are well known professionals.

Poornima has emerged as one of the most preferred engineering colleges among all the colleges in Jaipur and admission seekers in Rajasthan. This has been evident from the choices exercised by students choosing between a variety of top colleges and institutes in Jaipur, year-after-year. Replete with modern education infrastructure, Poornima College of Engineering is spread over 52,500 square meters of constructed area. Approximately 3,700 students are enrolled here and over 1300 students reside in hostels.

Poornima College of Engineering has a very strong research orientation and culture. What sets apart Poornima College of Engineering from other colleges in Jaipur, is, its commitment to high quality and industry recognized delivery of education. Ensuring cultural and social enrichment of its students, PCE successfully tops the list of the top institutes in Jaipur.

Poornima brand symbolizes excellence through innovations, reliability, transparency and professionalism of highest order and instils faith and confidence among all members concerned in India and abroad.

PCE AT A GLANCE:

- The Legacy of Poornima Foundation as a renowned affiliated Technical Institution all over Rajasthan was built up in the area more than 3.5 lakh square feet.
- Approved by AICTE, Ministry of HRD, and Govt. of India and affiliated to Rajasthan Technical University, Kota.
- Successfully running PG, M.Tech, CSE and VLSI program in department of Computer Engineering, Electronics and Communication Engineering respectively.
- The most preferred Engineering College with maximum admissions.
- Natural surrounding with lush green campus imbibing serene ambience.
- Promote research and development activities in the institution through research and development labs.
- Providing live industrial exposure through industrial visits, life projects, industry institute interaction and funding project.
- Quality enhancement in engineering education (direct to students) and the national mission on education through ICT (direct to faculty) as an authorized remote center (1107). Successfully executing two MHRD missions.
- Natural surrounding with lush green campus imbibing serene ambience.
- Promote research and development activities in the institution through research and development labs.
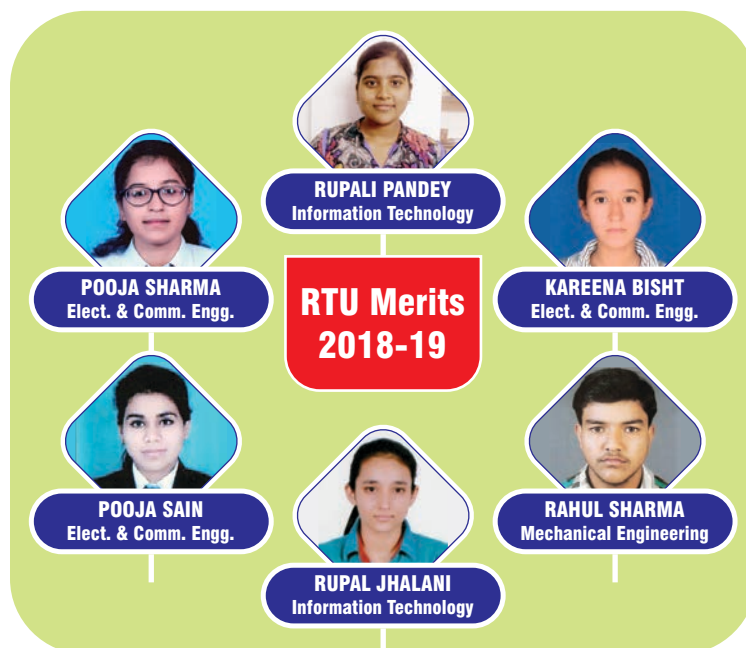
- Providing live Industrial Exposure through Industrial Visits, Life Projects, Industry Institute interaction and funding project.
- Quality Enhancement in Engineering Education (direct to students) and the National Mission on Education through ICT (direct to faculty) as an authorized remote center (1107). Successfully executing two MHRD missions.
- Successfully running 15th Indian Institute of Remote Sensing (IIRS) Outreach Programmers of Government of India.
- Training to faculty members is given through mission 10x and other training programs.
- Catering the needs of Technical Boarding Engineers House Training Programs on PLC, Micro-Controller, Embedded Systems, Robotics, Java, etc. are given to the students.
- To spread the knowledge among students and faculty members research and training as well as extension activities are done.
- Inculcating scientific temper through practicing an ethical, moral and value education.
- To explore Global opportunities in USA it has collaboration with universities of Illinois, Chicago.
- Striving to achieve and develop skills of Engineering through application of enabling Technologies and dissemination of state of the art knowledge.
- With the work culture of effective theoretical and the practical knowledge imparting effective training to engineering undergraduates is done.
- Organizes extra-curricular activities and co-curricular activities like Aarohan, Aadhar, and Prayogam etc. from time to time in order to boost up the morale of the students.
- All modern accessories required with modern amenities symbolizing excellence so initiative, reliability, transparency quality and professionalism of the highest degree.
- Designated as centre of excellence by IBM the only institution permitted by RTU to admit foreign Nation\person of Indian Origin\gulf students.
- In Association with IEEE, ISTE, IE (I), ISLE, ISHRAE are multiple innovative learning practical based regular programs.
- 36 students' project sponsored by DST, govt. of Rajasthan.
- Cracking exams like TOEFL\GRE\GMAT\CAT and other competitive exams are done by students.
- Grooming and enhancing the personalities of students for multifaceted orientation programmer like Poornima Professional Skills and Knowledge Enhancement Program, Poornima Employability Enhancement Mission etc.
- Encouraging the women empowerment under the leadership of women in Science and Engineering (WISE) and Poornima Women Welfare Association (PWWA).
- Social welfare activities like blood donation, helping hand to poor, raising funds for flood victims etc. through societies and clubs as a part of regular academic are conducted.
- For students and faculty members expanded transportation facility for all corners of Jaipur is given.
- Non-syllabus projects and seminars for practical knowledge and implementation from 1st year onwards are organized.
- The magnificent central library with rich collection of 44146 volumes of books with 9586 titles, 34 national and 30 international journals and 46 magazines and 110 periodicals magazines along with other reading materials and online subscription and membership of IEEE, IEI, DELNET.
- Anti-ragging squad, mentorship and tutorship providing secure teaching environment.
- College hast tie-ups with Infosys as advanced partner institute for campus connect program for better knowledge and academic development.
- Equipped with digital English communication lab for better communication skills and improvement.
- Incentive scheme to raise the level of morale of faculty and staff members as per the academic results and performances.
- Self Help Groups (SHG's) to improve question answering skills of weaker students and to make the group a high achievers group.
- Multi cuisines cafeteria and mess providing better food and services.
- Fostering, creating and promoting the spirit of Entrepreneurship through Entrepreneurship Development Cell.
- Comprehensive and advanced information on various diseases and health related issues.
- Mentorship program to interact with seniors and to learn from their experience and knowledge.
- Providing recreational and sports facilities for the better health and mind of the students.
- Running various societies-ISHRAE, ASHRAE and various clubs-literary club, awareness club, green energy club etc.
- A Wi-Fi campus with Internet facility for students and faculty members.

INTAKE AT PCE

Poornima College of Engineering is committed to build a diverse and inclusive academic culture that fosters creativity, risk-taking, continuous improvement, leadership and entrepreneurial spirit. The notion of lifelong learning through effective delivery of high quality content by qualified pedagogy is induced by us Students in Poornima College of Engineering are exposed to the modern and up to date curriculum and contemporary development in various disciplines. The college is flourishing in terms of quality and quantity making the budding engineers more advanced and learned through efficiency in better in academics and non-academics. The intake at PCE is as follows:

B. TECH I Year Session 2018-19

S.No.	Branch	Intake
1	Civil Engineering	60
2	Computer Engineering	180
3	Electronics & Comm. Engg.	180
4	Electrical Engineering	180
5	Information Technology	60
6	Mechanical Engineering	120
7	Agriculture Engineering	60
8	M.Tech CSE	18
9	M.Tech VLSI	18

RTU Merits 2018-19

RUPALI PANDEY
Information Technology

POOJA SHARMA
Elect. & Comm. Engg.

KAREENA BISHT
Elect. & Comm. Engg.

POOJA SAIN
Elect. & Comm. Engg.

RUPAL JHALANI
Information Technology

RAHUL SHARMA
Mechanical Engineering

UNIVERSITY RESULTS

Poornima College of Engineering is committed to provide a successful future and better placement opportunities for the students. Poornima College of Engineering has always proved to be the best institution in all aspects of academic and non-academic. It has been able to create niche for itself among the other reputed colleges of Jaipur. Poornima College of Engineering has distinguished itself from other institutions by adding laurels towards glory by imparting quality education and having the best RTU results consistently.

PCE has not only striven hard to be the medium for multi fold development of the mind, body and soul of students by imparting them quality education but has also nurtured their skills. The mission of PCE is to create and disseminate

knowledge through creative research and enquiry, teaching and learning and to transfer our intellectual and artistic product to enhance society in meaningful and sustainable ways.

It gives immense pleasure and sense of gratification that the college continues to render and nurture opportunities for innovative academic experiences and enabled to cultivate a passion in students for learning by developing their creativity and insight. Maintaining its Legacy this year, PCE has provided its excellence which is evident from its University results as follows:

Academic Stars Make Poornima Proud

AJAYRAJ MEENA
(CIVIL) 80.30%

DIVYA RASTOGI
(CIVIL) 82.20%

KARTIK SINGH
(CIVIL) 79.90%

MANSI AGRAWAL
(CIVIL) 79.90%

MOHIT CHOUDHARY
(CIVIL) 83.30%

VIKRAM KUMAWAT
(CIVIL) 83.30%

AAKANSHA KOWERJANI
(CS) 86.20%

DEEPANSHU CHOUDHARY
(CS) 87.30%

GOVIND SHARMA
(CS) 87.20%

ISHITA SHARMA
(CS) 88.80%

JAGRATI KHATRI
(CS) 87.00%

PALLAVI BANSAL
(EC) 80.90%

PRACHI MATHUR
(EC) 87.50%

SHREYA MATHUR
(EC) 84.10%

SIDDHANT MUNDRA
(EC) 80.80%

YASH SHARMA
(EC) 79.00%

DEEPAK PUROHIT
(EE) 79.30%

SAINI ANKIT SURESH
(EE) 80.10%

SHUBHANG AGARWAL
(EE) 79.40%

AMULYA JAIN
(IT) 79.00%

LOVELY JAIN
(IT) 84.50%

MAHIMA NATANI
(IT) 85.00%

NIKHIL SHARMA
(IT) 80.90%

VABHAVE BAKLIWAL
(IT) 81.10%

Academic Stars Make Poornima Proud

AMAN BHARDWAJ
(ME) 79.40%

LEKHA TIWARI
(ME) 88.20%

YASH KUMAWAT
(ME) 79.70%

II SEM
Session: 2017-18

DIVYA RASTOGI
(CIVIL) 87.00%

AAKANSHA KOWERJANI
(CS) 83.70%

GOVIND SHARMA
(CS) 85.50%

ISHITA SHARMA
(CS) 87.80%

RIDDHIM GUPTA
(CS) 89.30%

SAMYAK JAIN
(CS) 83.80%

ISHITA SHIVRAN
(EC) 82.60%

PRACHI MATHUR
(EC) 80.60%

SHREYA MATHUR
(EC) 81.10%

AMULYA JAIN
(IT) 81.60%

KARTIK AGRAWAL
(IT) 80.80%

KESHAV GOYAL
(IT) 81.00%

LOVELY JAIN
(IT) 83.30%

MAHIMA NATANI
(IT) 82.80%

DEVENDRA SINGH
(ME) 84.0%

KARAN SUTHAR
(ME) 79.66%

LAKSHYA SAPRA
(ME) 81.40%

LEKHA TIWARI
(ME) 83.70%

III SEM
Session: 2017-18

ADITYA RAJORA
(CS) 82.40%

AYUSH TODI
(CS) 82.00%

Academic Stars Make Poornima Proud

BHAVIKA SABNANI
(CS) 81.60%

CHAYAN SHRI SHRIMAL
(CS) 85.20%

DIKSHA BOTHRA
(CS) 81.40%

HIMMAT SANGWA
(CIVIL) 82.40%

LALIT SONI
(CIVIL) 80.60%

NISHTA AGARWAL
(IT) 80.30%

SAURABH KESHRI
(EE) 80.40%

SHASHANK SHUKLA
(CIVIL) 79.00%

IV SEM
Session: 2017-18

HIMMAT SANGWA
(CIVIL) 81.50%

SAKSHAM SINGH
(CIVIL) 79.30%

SAURABH GUNAWAT
(CIVIL) 81.90%

SHASHANK SHUKLA
(CIVIL) 84.30%

CHAYAN SHRI SHRIMAL
(CS) 82.20%

DIKSHA BOTHRA
(CS) 82.20%

DIMPLE SINGHANI
(CS) 80.20%

DISTI JAIN
(CS) 79.30%

MAHIMA SUKHLECHA
(CS) 83.40%

SURAJ KUMAR
(CS) 80.70%

DIKSHA GUPTA
(IT) 79.50%

GOURAV AGARWAL
(IT) 79.90%

KUMAR SAURAV
(EC) 82.80%

PRACHI SHAH
(EC) 79.60%

NITIN VERMA
(ME) 83.00%

PRIYANSHU KHANDELWAL
(ME) 79.80%

Academic Stars Make Poornima Proud

JATIN KANWAT
(CIIVL) 81.50%

SANDESH AGARWAL
(CIVIL) 83.90%

ARPIT GARG
(CS) 80.60%

NEHAL JAIN
(CS) 86.80%

NITISHA JAIN
(CS) 86.30%

ESHA GUPTA
(EC) 83.20%

RISHAB AGARWAL
(EC) 81.30%

AJAY SINGH MEENA
(EE) 79.20%

MRIGANKA MATHUR
(EE) 82.50%

NEHAL BANSAL
(EE) 81.30%

VISHANK BEEL
(EE) 84.40%

PRAKSHI AGRAWAL
(IT) 79.00%

SMRITI ANAND
(EC) 80.90%

SHIVAM PANERI
(ME) 83.90%

JATIN KANWAT
(CIVIL) 80.00%

PRAKASH SOLANKI
(CIVIL) 79.60%

SANDESH AGARWAL
(CIVIL) 82.60%

AAYUSHI PORWAL
(CS) 82.60%

ARPIT GARG
(CS) 80.90%

AYUSH MENDIRATTA
(CS) 79.70%

NITISHA JAIN
(CS) 81.30%

RASHMI DHAKAD
(CS) 79.70%

SNEHA PAREEK
(CS) 79.20%

Academic Stars Make Poornima Proud

RISHAB AGARWAL
(EC) 82.30%

SAKSHI SHARMA
(EC) 79.20%

ASHWANI SHARMA
(EE) 80.60%

GUNJAN BANSAL
(EC) 78.50%

MRIGANKA MATHUR
(EE) 85.00%

VISHANK BEEL
(EE) 84.50%

BHUPENDRA SAINI
(ME) 79.30%

DHRGESH MEENA
(ME) 79.00%

DIGVIJAY SINGH NIRWAN
(ME) 79.80%

SHIVAM PANERI
(ME) 83.50%

VII SEM
Session: 2017-18

APURV BHATIA
(CIVIL) 83.20%

KALPANA KHOLWAR
(CIVIL) 80.60%

KHYATI SETHI
(CIVIL) 82.50%

AKSHATA SHARMA
(CS) 80.10%

ANJALI GUPTA
(CS) 79.50%

DEEKSHA JOSHI
(CS) 82.70%

DIKSHA
(CS) 79.40%

VAISHNAVI KHANDELWAL
(CS) 79.30%

KAREENA BISHT
(EC) 83.20%

MOHIT SHARMA
(EC) 80.50%

POOJA SAIN
(EC) 85.00%

PRIYA GARG
(EC) 79.90%

AKASH KUMAR SINHA
(EE) 81.80%

SHAINA AGWAN
(EE) 81.40%

Academic Stars Make Poornima Proud

PRACHI SHRINGI
(EE) 81.10%

RUPAL JHALANI
(IT) 79.0%

RUPALI PANDEY
(IT) 78.40%

GAURAV KUMAR
(ME) 79.90%

RISHAB AGARWAL
(EC) 81.30%

RAHUL SHARMA
(ME) 87.00%

VIII SEM
Session: 2017-18

APURV BHATIA
(CIVIL) 82.90%

KALPANA KHOLWAR
(CIVIL) 86.20%

KHYATI SETHI
(CIVIL) 85.40%

AKANKSHA SHARMA
(CS) 84.90%

ANJALI GUPTA
(CS) 86.80%

SHREYA SHARMA
(CS) 89.40%

JAGRATI VIJAY
(EC) 83.30%

POOJA SAIN
(EC) 85.00%

POOJA SHARMA
(EC) 86.00%

AKASH KUMAR SINHA
(EE) 86.80%

DEEPIKA DHAKAD
(EE) 88.50%

SHAINA AGWAN
(EE) 87.90%

KARAN UPNEJA
(IT) 80.80%

RUPAL JHALANI
(IT) 87.70%

RUPALI PANDEY
(IT) 88.00%

GAURAV KUMAR
(ME) 86.20%

PRASHANT RAWAT
(ME) 87.20%

RAHUL SHARMA
(ME) 87.20%

RECOGNITION OF STUDENTS' PERFORMANCE

Poornima is rich in rituals and traditions. One of its rituals is Kalanidhi- the annual prize distribution ceremony. Kalanidhi 2018 is celebrated to commemorate and give prizes to various class toppers, branch toppers, and subject toppers who excel in the field of academics as well as in non-academics in the month of October every year. The students are awarded with gold, silver and bronze medals respectively and certificate of appreciation and recognition is also given to them. Parents of the awardees are also invited for the ceremony as it is the precious and memorable moment for every student and a proud moment for their parents as well. The categories which fall under this prize distribution ceremony includes best student, best hosteller, best attendance, best project, bets seminar etc. Students wait for this event eagerly with great enthusiasm to receive recognition and cash awards from the honourable college authorities. To sustain the excellence in the academic programs is the pivot factor of Poornima Group. The moral of students is always kept at the peak to the recognition in the form of awards and honours bestowed to students. The students who were felicitated in the event Kalanidhi 2018 under different categories are:

GOLD MEDALIST WITH ₹ 5100/- CASH & CERTIFICATE TOPPER : SESSION 2017-18

Year	Name of Student	Branch	Marks Obtained
IV Year	RAHUL SHARMA	ME	(1742 / 2000)
III Year	VISHANK BEEL	EE	(1689 / 2000)
I Year	ISHITA SHARMA	CS	(1766 / 2000)-A
I Year	GOVIND SHARMA	CS	(1727 / 2000)-A
I Year	DIVYA RASTOGI	CE	(1692 / 2000)-B
I Year	MOHIT CHOUDHARY	CE	(1618 / 2000)-B
I Year	VIKRAM KUMAR KUMAWAT	CE	(1618 / 2000)-B

GOLD MEDALIST WITH ₹ 5100/- CASH & CERTIFICATE TOPPER : SESSION 2016-17

Year	Name of Student	Branch	Marks Obtained
II Year	DIVYANSH PACHAURI	CS	(1836 / 2000)
I Year	DIKSHA BOTHRA	CS	(1691 / 2000)-A
I Year	CHAYAN SHRI SHRIMAL	CS	(1645 / 2000)-A
I Year	NISHA SAINI	EE	(1702 / 2000)-B
I Year	VINEET SHARMA	ME	(1700 / 2000)-B

SILVER MEDAL WITH RS. 2100/- CASH & CERTIFICATE (SESSION 2017-18)

Year	Name of Student	Branch	Marks Obtained
I Year	AAKANSHA KOWERJANI	CS	1699 / 2000
I Year	JAGRATI KHATRI	CS	1706 / 2000
I Year	RIDDHIM GUPTA	CS	1750 / 2000
I Year	LOVELY JAIN	IT	1678 / 2000
I Year	DEVENDRA SINGH	ME	1602 / 2000
I Year	LEKHA TIWARI	ME	1719 / 2000
I Year	PRACHI MATHUR	EC	1681 / 2000
I Year	MANAS GUPTA	EE	1535 / 2000
I Year	SHREYA MATHUR	EC	1652 / 2000
I Year	AJAYRAJ MEENA	CE	1583 / 2000

SILVER MEDAL WITH RS. 2100/- CASH & CERTIFICATE (SESSION 2017-18)

Year	Name of Student	Branch	Marks Obtained
IV Year	KHYATI SETHI	CE	1679 / 2000
IV Year	AKSHATA SHARMA	CS	1714 / 2000
IV Year	VAISHNAVI KHANDELWAL	CS	1633 / 2000
IV Year	SHREYA SHARMA	CS	1679 / 2000
IV Year	KAREENA BISHT	EC	1694 / 2000
IV Year	POOJA SHARMA	EC	1641 / 2000
IV Year	POOJA SAIN	EC	1700 / 2000
IV Year	AKASH KUMAR SINHA	EE	1686 / 2000
IV Year	PRACHI SHRINGI	EE	1665 / 2000
IV Year	SHAINA AGWAN	EE	1693 / 2000
IV Year	PARAG MEHTA	EE	1648 / 2000
IV Year	RUPAL JHALANI	IT	1667 / 2000
IV Year	GAURAV KUMAR	ME	1661 / 2000
IV Year	NISHANT YOGI	ME	1643 / 2000
IV Year	MAHENDRA CHANDRAWAT	ME	1610 / 2000
III Year	SANDESH AGARWAL	CE	1665 / 2000
III Year	ARPIT GARG	CS	1615 / 2000
III Year	NITISHA JAIN	CS	1676 / 2000
III Year	MEGHA SIMLOTE	CS	1553 / 2000
III Year	DIVYA KUMARI	EC	1557 / 2000
III Year	RISHAB AGARWAL	EC	1636 / 2000
III Year	SAKSHI SHARMA	EC	1589 / 2000
III Year	AJAY SINGH MEENA	EE	1596 / 2000
III Year	MRIGANKA MATHUR	EE	1675 / 2000
III Year	RAJAT GOYAL	EE	1557 / 2000
III Year	NEHAL BANSAL	EE	1603 / 2000
III Year	PRAKSHI AGRAWAL	IT	1542 / 2000
III Year	BHUPENDRA KUMAR SAINI	ME	1552 / 2000
III Year	T NAVEEN	ME	1541 / 2000
III Year	SHIVAM PANERI	ME	1674 / 2000

SILVER MEDAL WITH RS. 2100/- CASH & CERTIFICATE (SESSION 2016-17)

Year	Name of Student	Branch	Marks Obtained
II Year	SANDESH AGARWAL	CE	1758 / 2000
II Year	ARPIT GARG	CS	1782 / 2000
II Year	NITISHA JAIN	CS	1801 / 2000
II Year	MEGHA SIMLOTE	CS	1713 / 2000
II Year	ISHIKA SHAKTAWAT	EC	1753 / 2000
II Year	VINAY POKHARNA	EC	1686 / 2000
II Year	SAKSHI SHARMA	EC	1833 / 2000
II Year	AJAY MEENA	EE	1691 / 2000
II Year	MRIGANKA MATHUR	EE	1763 / 2000
II Year	VISHANK BEEL	EE	1780 / 2000
II Year	NEHAL BANSAL	EE	1676 / 2000
II Year	PRAKSHI AGRAWAL	IT	1778 / 2000
II Year	AYUSH JOSHI	ME	1735 / 2000
II Year	SAHIL GUPTA	ME	1706 / 2000
II Year	SHIVAM PANERI	ME	1804 / 2000
I Year	BHAVIKA SABNANI	CS	1688 / 2000
I Year	SAKSHI AGARWAL	CS	1677 / 2000
I Year	NISHTHA AGARWAL	IT	1591 / 2000
I Year	KUMAR SAURAV	EC	1618 / 2000
I Year	SHUBHAM SINGHAL	EC	1644 / 2000
I Year	HIMMAT SANGWA	CE	1583 / 2000
I Year	ADITYA SINGH	EE	1669 / 2000
I Year	NISHA SAINI	EE	1668 / 2000
I Year	SAURABH KESHRI	EE	1666 / 2000
I Year	MANVENDRA SINGH	ME	1651 / 2000
I Year	NAVNEET SHARMA	ME	1665 / 2000

BASANT KANWAR SETH MEMORIAL AWARD WITH RS. 3500/- CASH (SESSION 2017-18)

Year	Name of Student	Branch	Marks Obtained
I Year	NISHA SAINI	EE	(1702 / 2000)

BASANT KANWAR SETH MEMORIAL AWARD WITH RS. 3500/- CASH (SESSION 2016-17)

Year	Name of Student	Branch	Marks Obtained
I Year	ISHITA SHARMA	CS	(1766 / 2000)

OUTSTANDING CONTRIBUTION AWARD (GIRLS): RS.2100/- FOR EACH:

Year	Branch	Name of Student
IV Year	CE	SNEHA PAREEK
IV Year	EC	SHIVALI PANWAR
III Year	IT	NISHTHA AGARWA
II Year	CE	JAGRATI KHATRI

ANUSHREE GOPALIA MEMORIAL AWARD: RS.5100/-

Year	Branch	Name of Student
IV Year	EE	MRIGANKA MATHUR (Best Girl)

BEST CODING AWARD OF RS. 2100/- & CERTIFICATE FOR EACH:

Year	Branch	Name of Student
IV Year	CE	JITESH JAIN
IV Year	CE	NEHA TAK

BEST IBM PERFORMANCE AWARD OF RS. 2100/- & CERTIFICATE FOR EACH:

Year	Branch	Name of Student
IV Year	CE	PUNIT SETIA
IV Year	ME	LAKSHYA KUMAR KHATRI

BEST SPORTS PERSON AWARD OF RS. 2100/- & CERTIFICATE FOR EACH:

Year	Branch	Name of Student
III Year	EC	KUMAR SAURAV
II Year	EE	PURVADITYA TRIPATHI
IV Year	EE	NISHA MEENA
III Year	IT	NANDINI SAHA

BEST CULTURAL AWARD OF RS. 2100/- & CERTIFICATE FOR EACH:

Year	Branch	Name of Student
IV Year	ME	DHARMENDER SINGH
IV Year	EC	VISHESHTA GAUTAM

BEST HOSTEL AWARD OF RS. 3100/- & CERTIFICATE FOR EACH:

Year	Branch	Name of Student
IV Year	ME	SAKET VERMA
IV Year	CE	ANUSHKA MUJAWDIYA

OUTSTANDING CONTRIBUTION AWARD (GIRLS): RS.2100/- FOR EACH:

Year	Branch	Name of Student
IV Year	CE	SNEHA PAREEK
IV Year	EC	SHIVALI PANWAR
III Year	IT	NISHTHA AGARWA
II Year	CE	JAGRATI KHATRI

OUTSTANDING CONTRIBUTION AWARD (BOYS): RS.2100/- FOR EACH:

Year	Branch	Name of Student
IV Year	EC	VINAY POKHARNA
IV Year	ME	AYUSH JOSHI
III Year	CE	CHAYAN SHRI SHRIMAL
II Year	ME	LAKSHYA SAPRA

BEST ATTENDANCE AWARD OF RS. 1100/- & CERTIFICATE FOR EACH (2017-18):

Year	Branch	Name of Student
III Year	CV	RITTVIK PARYA
III Year	EC	AYUSH TODI
II Year	IT	ROHIT
II Year	EC	RAJENDRA KUMAWAT
IV Year	IE	PRIYANKA NAMA
III Year	ME	NITIN VERMA

Arun Chandra Singhi Memorial Best Student Award: Rs.7500/- for each:

Year	Branch	Name of Student
IV Year	CE	ARPIT GARG (Best Boy)
IV Year	EE	MRIGANKA MATHUR (Best Girl)

KALANIDHI: Poornima College of Engineering, Jaipur continued its tradition of celebrating Kalanidhi 2018: Annual Prize Distribution & Appreciation Ceremony. It is celebrated to acknowledge the achievements of our brilliant students who have made both the college and their parents proud by excelling in various fields. The ceremony is held on October 2nd to recognize the young talents who have made an immense contribution to our college and society. Awards are a way to encourage good behaviour and inculcate competitive spirit. So here we have kept awards for academics as well as non-academics.

The Chief Guest of the ceremony of was Ms. Pushpa Satyani, RAS Officer of 1994 batch Rajasthan Cadre and currently working as joint secretary to government, technical education, Rajasthan, Jaipur.

Total 302 certificates were given along with cash prize of Rs. 5, 82,000 in totality. The award categories were Late. Shri. Arun Chandra Singhi Memorial Award as Best Boy & Best Girl with Cash Prize of Rs. 7500, Gold Medals with Cash Prize of Rs. 5100, Silver Medals with Cash Prize of Rs. 2100, Late. Smt. Basant Kanwar Seth Memorial Award with Cash Prize of Rs. 3500 and many more to admire winners who performed splendidly in their academics and achieved excellence.

AAROHAN 2019

TOWARDS THE HORIZON

AAROHAN is a Tech-Cult-Sports Fest. AAROHAN includes all kind of events from technical, cultural as well as sports fields. It is a reality that every individual is not perfect in every field so AAROHAN provides opportunity to each student to show their perfection in his respective field whether it is sports or cultural or technical. Every student from every field is welcomed in AAROHAN to showcase their talents and highlight their qualities. In technical field the activities like circuitry, structure design, Robo Race, Robo war etc. are involved so that student can show their technical skills. They make certain robots to participate in competitions like Robo Race and Robo Soccer by their robotics knowledge. Also, by the help of their knowledge of circuits they participated in circuitry event. A stage was also provided to the students who are good in cultural activities. Events like solo dance, solo song, band war, flash mob, theatrical are present for the talented students to show their cultural qualities. As we all know that sports is the most important and inseparable part of human life. So how can sports be left behind.

CELEBRITY NIGHT : NAKASH AZIZ was invited to perform on the celebrity night organized by the Poornima College of Engineering. The celebrity night was held on 1st of February. The celebrity night incepted with RJ Palak from 98.3FM inviting Nakash Aziz and his bandmates to the stage. Nakash took the stage and received a warm welcome from the students and faculty of the Poornima College of Engineering. He then went on to perform his hits along with some old songs.

ANECDOTES OF PCE

- The most preferred Engineering college with 100% admission through **REAP/JEE**
- Runs **seven specializations** of engineering: CE, ECE, EE, ME, Civil, IT & Agriculture
- **NBA Accredited** Institution.
- Highest **placement numbers** and the package among **RTU affiliated colleges**.
- **Poornima Incubation and Innovation Centre (PIIC)** to promote the spirit of start-ups
- Strong bonding with **industries and corporate** sector through collaboration and tie-ups.
- Awarded as **Advance Partner Institute by Infosys** for successfully running campus connect programme & outstation performance of students in Infosys placement drives
- Certification under **IBM Career Education Programme** in Cloud, Business Intelligence and IoT.
- Certification courses under **Redhat Academy**.
- Successful running **3 MHRD missions** : Quality Enhancement in Engineering Education, National Mission on Education Through ICT in collaboration with IIT Bombay, IIT Madras and IIT Khragpur.
- Pre-defined **focus areas** in the departments in line with **Industry requirements**.
- Beyond curriculum content delivery in terms of **Non- syllabus projects**, **seminars, trainings on future and industry needed technologies, English** and **Aptitude enhancement** etc.
- Mandatory **project every semester** right from **first year**.
- Number of **Student Clubs** such as **Automobile, Udaan, Zircon** etc organizing large number of **activities to develop hard and soft skills**.
- Professional Societies Chapters such as **IEEE**, **ACM, IETE, ISLE, ISTE, IEI, IETE, CSI, ISHRAE, IGBC, ASHRAE, SAE, etc**. for promoting **student driven activities**.
- **Quality paper publications, books** & **Patents** by faculties and students.
- PCE **IETE Students Forum** is recognized as **Most Active ISF** by IETE Rajasthan Center, Jaipur.
- **Networking with AISECS and Global Reach** to study, do **International Internship**s, work abroad.
- Students **training** at **top notch organizations** such as **BARC, ISRO, ONGC, Nagarro, Jaipur Metro, Mico Bosch, Siemens, HCL, L&T, B L Kashyap & Sons** etc
- Encouraging women empowerment through **WISE, PWWA, ACM-W.**
- Regular **participation** and **winning prizes**, in various events & tech fests hosted by **IITs, NITs** & other **top notch institutions of India**
- **Regular coaching** for **American Football, Soccer, Basketball, Volleyball** etc. and encouragement to participate in sports activities in various parts of country.

RATED GOLD IN	RANKED 2ND	ACCREDITED BY NBA	HIGHEST DST GRANT
AICTE & CII Industry Linked Survey	by Rajasthan Technical University	Ensuring Quality Technical Education	For 12 Projects by Govt. of Rajasthan

Laurels

GATE RESULTS

ASHUTOSH JOSHI
(Mechanical Engineering)

T NAVEEN
(Mechanical Engineering)

UMESH KUAMR SAHU
(Mechanical Engineering)

PRAGYA NAGAR
(Civil Engineering)

VIKRAM MEENA
(Civil Engineering)

SHAKSHI AGRAWAL
(Information Technology)

MADHUR BHARDWAJ
(Electrical Engineering)

RAKESH CHOUDHARY
(Electrical Engineering)

RAVI NAREDA
(Electrical Engineering)

SACHIN MEENA
(Electrical Engineering)

SHUBHAM JAIN
(Electrical Engineering)

SOURABH SHARMA
(Electrical Engineering)

SURENDRA PARIHAR
(Electrical Engineering)

TUSHAR PADIYAR
(Electrical Engineering)

ABHISHEK SONI
(Elect. Comm. Engg.)

DIKSHA BUNTOLIA
(Elect. Comm. Engg.)

ADITYA ARORA
(Computer Engineering)

DEEPANSHU RAWAT
(Computer Engineering)

NAMAN SHRIMALI
(Computer Engineering)

SACHIN TANWAR
(Computer Engineering)

VISHAKHA MATHUR
(Computer Engineering)

INITIATIVES AND BENCHMARKS AT PCE

CENTRAL LIBRARY:

The Central Library is the most resourceful information Centre in the field of Engineering Education. The library at PCE has the largest collection of books, scientific journals, monthly periodicals, institute memberships and other related materials in the field of Engineering.

As the role of the Library within any academic institution can be realized only in the context of the institution's philosophy of education, the basic objectives of the Library are as follows:

To develop appropriate collections in various disciplines of Engineering for satisfying the needs of the students, faculty members and researchers.

To provide reading, lending, reference, information and documentation facilities to all categories of staff and students.

To develop a special collection of scientific journals, periodicals and magazines in the library.

To provide documentation and comprehensive reference/information services in areas related to engineering education in the world and in India in particular.

The library of PCE is a vast reservoir of knowledge contained in the astonishing number of books which is well organized as well as bar-coded for the comfort of the librarian, students and faculty members. The Sharp software package is used in the library of PCE for supporting all the in-house operations of PCE. It is well connected with the other AICTE approved Institutions, located all over India, through DELNET for resource sharing. E-publications (books, journals etc. can also be accessed through DELNET) by all users of PGC library. The smart Campus consists of modules on acquisition, cataloguing, circulation, serials, article indexing and OPAC. 14 CCTV cameras are installed for security purpose.

The Central Library is housed in an independent, two-storied building with an area of 1350 sqm.

OPAC Search:

Online public Access Catalogue (OPAC) is helpful in locating a book in the library. One can search book by author, title, subject wise through OPAC. Library books are classified by using a standard library classification scheme named Dewey Decimal Classification (DDC) scheme and all books are arranged subject wise in the rack. Journals\magazines are displayed in alphabetical order in reference section.

VARIOUS SERVICES OFFERED BY LIBRARY:

- Borrowing facility
- OPAC Search
- Interlibrary loan
- E-library
- Employment news
- Project reports
- Display of new arrivals
- National/Internationals Journals/Magazines
- Newspaper clipping service
- RTU papers/ Mid-term papers
- Research papers
- Reading room facility
- DELNET facility
- Online journals service
- Reference service
- E-publications
- CD's /DVD's
- New arrivals

STATISTICS LIBRARY

S. No.	Library Statistics	Total
1.	Total No. of Titles	6,704
2.	Total No. of Volume	46,121
3.	Total No. of Periodicals	110
a.	Total No. of International Journals	30
b.	Total No. of National Journals	35
c.	Total No. of Magazines	45
4.	Total No. of Other Collections	2,081
a.	Books CDs/ DVDs	1,426
b.	Magazines CDs/ DVDs	655
5.	Project Reports (Lab Records)	2,333
6.	Reprints (Research Papers Received from DELNET)	397
7.	News Papers (Hindi 7 + English 6)	13
8.	Bound Journals	749

RESEARCH AND DEVELOPMENT LAB:

The purpose of Research and Development lab is to provide facilities with ample of equipment and upgraded technologies. It is the part of academics which is generally used: -

• To enhance the students and faculty members with latest advancements in technological areas to furnish the engineering education with various research orientation which helps in achieving the technical needs of the industry

• To furnish the students in the field of research and development activities

• To do engineering consultancy with latest research and innovative ideas

INDUSTRY ACADEMIA INTERFACE:

As our commitment towards the industry, PCE strives to set a very high standard for all stake holders. The globally relevant best practices are being adopted to create a continuous stream of future student leaders, continuously improving upon the past. By learning and understanding the industry needs and requirements, we have developed a deep insight which helps and guides us to make our students industry ready. It is considered as one of the skilful methods of teaching which is a part of college curriculum as well. College also organizes different industrial visits, seminars and workshops etc in order to see their students at the Pinnacle of success. This gives a student an opportunity to know about the working environment of a company and to know the useful information related to practical aspects which cannot be visualized by lectures.

TRAINING AND PLACEMENT CELL:

Training and placement at PCE is committed to provide successful future and better placement opportunities for the students. It centrally handles all aspects of campus placement for the graduating students of all departments. It feeds us with technical confidence without which may remain aloof from the crowd, it arranges training for students in Industries. The students of all engineering departments undergo rigorous training to enhance their internal professional skills. The placement and training cell of PCE has arranged the visits of various National and International companies for the placement of its student. Training lead to helping hand for answering technical questions of the interviews. Students get an opportunity to interact and share ideas with different people. Information of practical importance is also exchanged in the cell.

The placement team coordinates the activities of the college and also liaison between the company, industry and organization. Placement cell assists in arranging pre-placement talks, written tests, group discussions, interviews, etc. as per requirement of the organization.

The alumni of this institution are placed in reputed companies and are leaving their mark everywhere, over and above rigorous academic schedule great emphasis is given on the all-round development of the students.

At PCE the students meet the requirement practically in every field of interest of the corporate.

PLACEMENT AT A GLANCE

INFOSYS LTD.

S. No.	Name of Student	Branch
1	AAYUSHI JAIN	CE
2	AAYUSHI JAIN	CE
3	AAYUSHI PORWAL	CE
4	ADITI MAHESHWARI	CE
5	AKASH JAIN	CE
6	AKRITI SINGH	CE
7	ANIRUDH VERMA	CE
8	ARPIT GARG	CE
9	ASHISH MISHRA	CE
10	AYUSH MENDIRATTA	CE
11	AYUSHI AVASTHI .	CE
12	BHUMIKA .	CE
13	CHANCHAL PAHUJA .	CE
14	GARGI JAIN	CE
15	HARI SINGH SHEKHAWAT .	CE
16	HITESH GUPTA	CE
17	JITENDRA SINGH TANWAR	CE
18	KOMAL MAHESHWARI	CE
19	MS. ANSHU AGRAWAL	CE
20	MURTAZA BISCUITWALA	CE
21	MUSKAN GOYAL	CE
22	NAMAN SHRIMALI	CE
23	NEHAL JAIN	CE
24	NITISHA JAIN	CE
25	PRASANJEET SINGH BARAD	CE
26	PUNIT SETIA	CE
27	RAJ KUMAR PILANIYA	CE
28	SAURABH GUPTA	CE
29	SHRUTI KUMAWAT	CE
30	SUBARNA MAJEE	CE
31	VAISHALI MAHOUR	CE
32	VIBHOR RAJAWAT	CE
33	VIPUL BHARDWAJ	CE
34	VISHAKHA MATHUR	CE
35	YASH BHUTORIA	CE
36	AMAN AGRAWAL	CE
37	ANUSHKA MUJAWDIYA	CE
38	KHUSHAL KHANNA	CE
39	PRAGYA AKAR	CE
40	PRATIBHA AGRAWAL	CE
41	PRITI	CE
42	SHALINI KUMARI VALMIKI	CE
43	SHREYA PORWAL	CE
44	JAIWARDHAN DEORA	CIVIL
45	SANDESH KUMAR AGARWAL	CIVIL
46	SANJAY SINGH SIRADHANA	CIVIL
47	ANISHA OSWAL	ECE
48	CHARVI SHARMA	ECE
49	KISHAN KUMAR .	ECE
50	MAYANK KUMAR SINGH	ECE
51	MRIGANKA CHATURVEDI	ECE
52	RISHAB AGARWAL .	ECE
53	VINAY POKHARNA	ECE
54	VISHESHTA GAUTAM	ECE
55	YATHANSH ARORA	ECE
56	SHIVANGI GANERIWAL .	ECE
57	VIJAY PARKASH .	ECE
58	VIKAS DHANDA	ECE
59	MAYANK CHIMNANI	EE
60	RAKESH KUMAR CHOUDHARY	EE
61	DAMINI SINGH RATHORE	EE
62	NEHAL BANSAL	EE
63	SAMEER AGRAWAL	EE
64	HARSHIT JINDAL	IT
65	POOJA SHARMA	IT
66	PRAKSHI AGRAWAL	IT
67	SHAILY RANI	IT
68	SUMAN KANWAR	IT
69	ANKUR AGRAWAL	ME
70	MOHIT MITTAL	ME
71	PRINCE KUMAR TIRTHANI	ME
72	T NAVEEN	ME
73	UJJWAL PRIYADARSHI .	ME

TCS CODEVITA

S. No.	Name of Student	Branch
1	NEHA TAK.	CE
2	SHANTANU RAJE	CE
3	AASTHA VERMA	CE
4	MEGHA SIMLOTE	CE
5	RAJAT DEY	CE

CAPGEMINI INDIA LTD.

S. No.	Name of Student	Branch
1	ABHINAV SHARMA	CE
2	ARPIT GARG	CE
3	BHUMIKA .	CE
4	CHANCHAL PAHUJA .	CE
5	DEEPANSHU RAWAT	CE
6	DINESH KUMAR	CE
7	HARSHITA GAUTAM	CE
8	HIMANSHU KUMAR SHARMA	CE
9	HITESH GUPTA	CE
10	JAGRATI KATARIYA	CE
11	JITENDRA SINGH TANWAR	CE
12	KAPILA JAIN .	CE
13	MEDHA VIJAY	CE
14	MOHAMMED JUNAID KHAN	CE
15	MS. ANSHU AGRAWAL	CE
16	MUSKAN GOYAL	CE
17	NAMAN SHRIMALI	CE
18	NAMAN SINGHAL	CE
19	NEHAL JAIN	CE
20	NITISHA JAIN	CE
21	PRASANJEET SINGH BARAD	CE
22	RASHMI DHAKAD	CE
23	RIDDHI LODHA	CE
24	SACHIN TANWAR	CE
25	SHABBIR MOHAMMED KATHAT	CE
26	SHUBHAM PATNI	CE
27	SNEHA PAREEK	CE
28	SUBARNA MAJEE	CE
29	SUHANI JAIN	CE
30	TANVI SAXENA	CE
31	VIBHOR RAJAWAT	CE
32	VISHAKHA MATHUR .	CE
33	YASH BHUTORIA	CE
34	ANIMESH KABRA	CE
35	ANUSHKA MUJAWDIYA	CE
36	HANISH PACHORI	CE
37	KINSHUK MAHESHWARI	CE
38	NIKITA HEMANI	CE
39	PRATIBHA AGRAWAL	CE
40	PRITI .	CE
41	ROHAN SAINI	CE
42	SHALINI KUMARI VALMIKI	CE
43	SHREYA PORWAL	CE
44	SHUBHAM DABRAL	CE
45	VIDISHA TANEJA	CE
46	VISHNU BOCHIWAL	CE
47	AADYA GUPTA.	ECE
48	ABHINAV NAVEEN	ECE
49	AMIT SHARMA	ECE
50	ANISHA OSWAL	ECE
51	ISHIKA SHAKTAWAT	ECE
52	PIYUSH SHEKHAWAT	ECE
53	RISHAB AGARWAL .	ECE
54	SUCHITRA SINGH	ECE
55	VINAY POKHARNA	ECE
56	VISHESHTA GAUTAM	ECE
57	ARYA RAWAT	ECE
58	SHIVANGI GANERIWAL .	ECE
59	SHIVANI TRIVEDI	ECE
60	AJAY NAGAR	EE
61	MRIGANKA MATHUR	EE
62	RAVI NAREDA .	EE
63	APARNA TYAGI	IT
64	NUPUR SINHA	IT
65	SHAKSHI RAMESH AGRAWAL	IT
66	VIJAYA NANDWANA	IT

CAPITAL AIM FINAL ADVISORY PVT. LTD.

S. No.	Name of Student	Branch
1	ABHINAV SAXENA	ECE
2	NIKHIL AGARWAL	ECE
3	SAPANA MAHAWAR	ECE
4	SHASHANK KUMAR	ECE
5	TEJ SINGH CHAUHAN	ECE
6	HIMANSHU SHARMA	EE
7	MINAKSHI MEENA	EE
8	PRADYUMN SARASWAT	EE
9	MUKUL SHARMA	EE
10	PRATEEK KUMAR MEENA	EE
11	UJJAWAL SHARMA	EE
12	NAMAN BANSAL	ME
13	NITESH RAGHUWANSHI	ME
14	OSHIN GANGWAL	ME

PINNACLE INFOTECH SOLUTIONS

S. No.	Name of Student	Branch
1	AKSHAY CHAUHAN	CIVIL
2	HIMANSHU AGARWAL	CIVIL
3	KAMLESH GAURANA	CIVIL
4	PANKAJ KUMAR	CIVIL
5	SURAJPAL SINGH DEORA	CIVIL
6	AAKANSHA PRAJAPATI	EE
7	ABHINAV VIJAY	EE
8	AJAY KUMAR TAILOR	EE
9	DHARMENDRA BOCHLYA.	EE
10	NAVEEN JANGID	EE
11	POORNIMA DANDOTIA	EE
12	PRADEEP KUMAR.	EE
13	PRATEEK SAINI	EE
14	PRERNA SINGH	EE
15	PRIYANKA NAMA	EE
16	RINIT SHARMA	EE
17	RITIKA SRIVASTAVA	EE
18	UTSAV SHEKHAWAT.	EE
19	ABHAY SHARMA	ME
20	AKSHAY KHATRI	ME
21	ASHUTOSH JOSHI	ME
22	AYUSH JOSHI	ME
23	BHARTENDU SINGH	ME
24	BHUPENDRA KUMAR SAINI	ME
25	CHIRAG KHANDELWAL	ME
26	GOURAV KUMAR CHAUHAN	ME
27	HARSH CHOUDHARY	ME
28	KAPISH SHARMA	ME
29	LAKSHYA KUMAR KHATRI	ME
30	PIYUSH RATHOR.	ME
31	RAVINDRA SINGH DABI	ME
32	RISHABH PAL	ME
33	SHUBHAM KUMAWAT	ME
34	UMESH KUMAR SAHU.	ME
35	AJAY VERMA	ME
36	DHARMENDER SINGH	ME
37	DIVYANSH KUMAR TAMBOLI	ME
38	HIMANSHU MISHRA	ME
39	NIKHIL JOSHI	ME
40	PULKIT GAUTAM	ME
41	TARUN KUMAR	ME

IBM INDIA

S. No.	Name of Student	Branch
1	AAYUSHI JAIN	CE
2	ANKIT KUMAR GOYAL	CE
3	ANKIT KUMAWAT	CE
4	DEEKSHA NAGAR	CE
5	DEEPANSHU RAWAT	CE
6	DIVYANSH PACHAURI	CE
7	HITESH GUPTA	CE
8	KRITIKA SHARMA	CE
9	MURTAZA BISCUITWALA	CE
10	MUSKAN GOYAL	CE
11	NAMAN SHRIMALI	CE
12	NITISHA JAIN	CE
13	PUNIT SETIA	CE
14	RAJ KUMAR PILANIYA	CE
15	RASHMI DHAKAD	CE
16	RIDDHI LODHA	CE
17	SHABBIR MOHAMMED KATHAT	CE
18	SHRUTI KUMAWAT	CE
19	SHUBHAM GEHLOT	CE
20	SHUBHAM PATNI	CE
21	VIBHOR RAJAWAT	CE
22	VIVEK KUMAR AGRAWAL	CE
23	AMAN AGRAWAL	CE
24	HANISH PACHORI	CE
25	HARSHITA GUPTA .	CE
26	KHUSHAL KHANNA	CE
27	KRITIK LUHADIYA	CE
28	MAYANK GOYAL	CE
29	MAYANK JAIN	CE
30	MEGHA SIMLOTE	CE
31	NEHUL MATHUR	CE
32	PUSHPENDRA SINGH	CE
33	SHALINI KUMARI VALMIKI	CE
34	SHUBHAM KABRA	CE
35	VIDISHA TANEJA	CE
36	VISHNU BOCHIWAL	CE
37	DAKSHA BIYANI	IT
38	HARSHIT JINDAL	IT
39	PRAKSHI AGRAWAL	IT
40	RITU JAIN	IT

TCS (NQT)

S. No.	Name of Student	Branch
1	AAYUSHI JAIN	CE
2	ADITYA SHARMA	CE
3	ANKIT AGARWAL .	CE
4	DEEPANSHU RAWAT	CE
5	DIVYANSH PACHAURI	CE
6	HIMANSHU KUMAR SHARMA	CE
7	RIDDHI LODHA	CE
8	SHREYA MATHUR	CE
9	VANDANA KANOJIYA	CE
10	ADITYA ARORA	CE
11	HANISH PACHORI	CE
12	SHUBHAM DABRAL	CE
13	AADYA GUPTA.	ECE
14	ISHIKA SHAKTAWAT	ECE
15	ANKUR SIHAG	ECE
16	KHUSHBOO CHHABRA	ECE
17	VAISHALI TRIVEDI	ECE
18	ACHAL SHARMA.	IT
19	KSHITIJ SHUKLA	IT
20	PRACHI GUPTA	IT
21	SHAKSHI RAMESH AGRAWAL	IT
22	SHUBHAM JAIN	IT

GENPACT

S. No.	Name of Student	Branch
1	ADITYA ASNANI	CE
2	ASHISH BHASKAR	CE
3	DHARMA RAM SIRAVI	CE
4	EKTA SRIVASTAVA	ECE
5	KIRAN KUMARI.	ECE
6	PULKIT GAUR	ECE
7	URVIKA SHARMA.	ECE
8	MOHIT MAHESHWARI	ECE
9	PRASHANT KUMAR CHOUDHARY	ECE
10	AMIT KUMAWAT	EE
11	PRERIT ARORA	EE
12	ANKITA RAO	IT
13	AMBUJ DWIEVEDI.	ME
14	MANJEET SINGH RAWAT	ME
15	RAUNAK SONI	ME
16	RAVI KUMAR .PANDEY	ME
17	SHASHANK SHEKHAR	MEE

GVK

S. No.	Name of Student	Branch
1	ANIT SRIVASTAVA	ECE
2	ANKUL GAUTAM	ECE
3	MOHIT KUMAR BHARGAV	ECE
4	VIKASH KUMAR KUSHWAHA	ECE
5	HITESH MORYA	EE
6	HRITVIK TRIPATHI	EE
7	KAPIL GUPTA.	EE
8	KARAN SHARMA	EE
9	KULWANT SINGH RAJPUROHIT	EE
10	NIRMAL KUMAR	EE
11	PIYUSH YADAV	EE
12	RAHUL RAJORA	EE
13	UDAY SINGH SOLANKI	EE
14	ASHUTOSH SHARMA	ME
15	AYUSHMAAN SHARMA	ME
16	DEVESH PRATAP SINGH	ME
17	GOURAV BAIRWA	ME
18	HARSHIT GARG	ME
19	MAYANK PACHAURI	ME
20	PAWAN SINGH.	ME

SHREERAM TRANSPORT FINANCE COMPANY LTD.

S. No.	Name of Student	Branch
1	VIPUL GUPTA	CE
2	HIMANSHU MATHUR	ECE
3	MUKESH KUMAWAT.	ECE
4	PRAHLAD SINGH.	ECE
5	RAVI KUMAR.	ECE
6	ROHIT KUMAR SHARMA	ECE
7	ATUL SHARMA	EE
8	RUPESH BANSAL	EE
9	MAYANK SHARMA	EE
10	RAMNARAYAN.	EE
11	AKSHAY KHANDELWAL	ME
12	BHUPENDRA KUMAR SAIN	ME
13	GHAN SHYAM PANDEY	ME

DIFFUSION ENGINEERS LIMITED

S. No.	Name of Student	Branch
1	DURGESH SHUKLA	ME
2	JAIDEEP GEHLOT	ME
3	SUDHIR KUMAR PATHAK	ME

INDIAN NAVY (selected for SSB)

S. No.	Name of Student	Branch
1	ANIRUDH VERMA	CE
2	AYUSH MENDIRATTA	CE
3	NAMAN SHRIMALI	CE
4	PRASANJEET SINGH BARAD	CE
5	SHABBIR MOHAMMED KATHAT	CE
6	KHUSHAL KHANNA	CE
7	KRITIK LUHADIYA	CE
8	BHARATI.	CIVIL
9	DUSHYANT SINGH RATHORE	CIVIL
10	MAYANK KUMAR SINGH	ECE
11	MOHIT KUMAR BHARGAV	ECE
12	RAVI KUMAR.	ECE
13	MAYANK CHIMNANI	EE
14	HARSHIT JINDAL	IT
15	GOURAV BAIRWA	ME
16	GOURAV KUMAR CHAUHAN	ME
17	MOHIT SHARMA.	ME
18	PRINCE KUMAR TIRTHANI	ME
19	RAVINDRA SINGH DABI	ME
20	SHIVAM PANERI	ME

IMS PEOPLE

S. No.	Name of Student	Branch
1	VISHNOI PRAVIN RAMLAL.	CE
2	RAVISHA GIRDHANI	CE
3	SHRUTI GUIN	ECE
4	MS. VANDANA SONI.	ECE
5	AJAY SINGH MEENA	EE
6	VAIBHAV DEWAT	EE
7	HIMANI GUPTA	IT
8	MS. SALONI GUPTA	IT
9	TANUJ SAINI	ME
10	DHAVESH SHARMA	ME
11	YUVRAJ SHRIVASTAV	ME

LINKRUIT

S. No.	Name of Student	Branch
1	HARSH SHARMA	CE
2	PUNIT GUPTA	CE
3	CHIRAG GOYAL.	ECE
4	PRIYANKA GHOSH	ECE
5	DHEERAJ PARIHAR	EE

ZYCUS INFOTECH PVT. LTD.

S. No.	Name of Student	Branch
1	PRIYA AREN	CE
2	SHIVAM MISHRA	CE
3	VINAYAK BHARDWAJ	CE
4	ARSHI NAKRA.	ECE
5	DEEPTI PUNDIR	ECE
6	JITENDRA CHANDANI.	ECE
7	JOSHUA PHILLIPS	ME
8	SHIVAM PANERI	ME

LOCUS R.A.G.S.

S. No.	Name of Student	Branch
1	SAMIKSHA RAWAT	CE
2	SHOHIT GARG	CE
3	GARIMA JAIN	ECE
4	GUNJAN BANSAL	ECE
5	JYOTI SINGH	ECE
6	PRITAM KUMAR SEN	EE
7	NAMAN PALIWAL	ME

SYNORIQ-QRIYO

S. No.	Name of Student	Branch
1	VEDIKA SINGH	CE
2	PRITHVI RAJ KASHYAP	ECE
3	SUPRIYA PRASAD	ECE
4	ESHA GUPTA	ECE
5	ABHAY SINGH	ME
6	MOHAMMED ANAS KHAN	ME

BYJU'S(THINK AND LEARN PVT. LTD.)

S. No.	Name of Student	Branch
1	DEVANK PATHAK	CE
2	YASH BHUTORIA	CE
3	MAYANK KUMAR SINGH	ECE
4	RITWIK BHOWMICK	ECE
5	MRADUL NAGPAL	ECE

COMPUTRONICS SYSTEM (INDIA) PVT. LTD.

S. No.	Name of Student	Branch
1	ANANT PANDEY	CE
2	AJIT SINGH RATHORE .	ECE
3	PANKAJ KUMAR SHARMA	ECE
4	ROHIT KUMAR SHARMA	ECE
5	SHAILESH KUMAR .	ECE

HABILELABS PVT. LTD.

S. No.	Name of Student	Branch
1	ASHRAF MANSURI	CE
2	POONAM VERMA	CE
3	MANNU KUMAR SINGH	CE
4	VINAYAK Y BHATT	CE
5	VISHAL BHARTI .	CE

#HACKWITHINFY

S. No.	Name of Student	Branch
1	AADHAR BHATT	CE
2	ADITYA SHARMA	CE
3	AYUSH GOEL	CE
4	JITESH JAIN.	CE
5	YASH BHUTORIA	CE

RANOSYS TECHNOLOGIES

S. No.	Name of Student	Branch
1	SATYAM MITTAL	CE
2	PANKAJ KUMAR SHARMA	ECE
3	RAHUL SHARMA	IT
4	RAUNAK TIWARI	IT

COLLABERA SERVICES PVT. LTD.

S. No.	Name of Student	Branch
1	LAKSHIT JAIN	ECE
2	ASHWANI SHARMA	EE
3	RIYA GUPTA .	IT
4	TANUJ SAINI	ME

CAD Desk

S. No.	Name of Student	Branch
1	HARDEEP HORA	CE
2	PRAKASH KUMAR SOLANKI	CIVIL
3	PARTH KAMRA	ECE

ACTIVANT SOLUTIONS

S. No.	Name of Student	Branch
1	NEHA JACOB	CE
2	RAHUL SHARMA	IT
3	SHAJAR RAHMANI	ME

ALOK INDUSTRIES LIMITED

S. No.	Name of Student	Branch
1	WAQAR QURESHI .	ME

FOCUS ACADEMY FOR CAREER ENHANCEMENT (FACE)

S. No.	Name of Student	Branch
1	NEHA JACOB	CE
2	RAHUL SHARMA	IT
3	SHAJAR RAHMANI	ME

KALPATARU POWER TRANSMISSION LIMITED (KPTL)

S. No.	Name of Student	Branch
1	HIMANSHU AGARWAL	CIVIL
2	HIMANSHU SAINI .	ECE
3	JANAK CHOUDHARY	EE

KOIDE

S. No.	Name of Student	Branch
1	MANISH JANGIR	ME
2	SONU YADAV	ME
3	KESHAV PANWAR	ME

LARSEN & TOUBRO INFOTECH LTD. (B.TECH)

S. No.	Name of Student	Branch
1	NAVEEN CHANDANI	CE
2	RIYA JAIN	CE
3	TRISHA GUPTA	ECE

WIPRO LTD. (ELITE NLTH)

S. No.	Name of Student	Branch
1	DIKSHA BUNTOLIA	ECE
2	SHUBHAM KUMAR	ME
3	SHUBHAM KUMAR .	ME

TORRENT POWER

S. No.	Name of Student	Branch
1	DURLABH CHAND GARG	EE
2	SUSHIL KUMAR CHOUDHARY	EE
3	AKASH SINGH	ME

ARTECH INFOSYSTEMS

S. No.	Name of Student	Branch
1	ARPITA BIWAL	EE
2	SAKET VERMA	ME

EXTRA MARKS

S. No.	Name of Student	Branch
1	MS. GEETIKA KHANDELWAL	CE
2	JOBIN THOMAS	EE

GRAM POWER INDIA PVT. LTD. (PHASE-II)

S. No.	Name of Student	Branch
1	DIVYA KUMARI	ECE
2	RITIKA SRIVASTAVA	EE

HEALTHQIK

S. No.	Name of Student	Branch
1	RAHUL PAREEK	ECE
2	ABHISHEK DIGGIWAL	EE

JARO EDUCATION

S. No.	Name of Student	Branch
1	DUSHYANT SINGH RATHORE	CIVIL
2	SAKET VERMA	ME

SHILPA ALLOYS PVT. LTD.

S. No.	Name of Student	Branch
1	MANISH SHARMA	ME
2	TANWAR SINGH	ME

ADANI POWER LIMITED

S. No.	Name of Student	Branch
1	SIDHARTH KULSHRESHTHA	ECE

GENUS POWER INFRASTRUCTURES LTD.

S. No.	Name of Student	Branch
1	ABHISHEK SONI.	ECE

INTIMETEC VISION SOFT PVT. LTD.

S. No.	Name of Student	Branch
1	MUDIT SRIVASTAV.	CE

HIPPO CABS

S. No.	Name of Student	Branch
1	BANTEE KUMAR.	IT

MILLBORN SWITCHGEARS PVT. LTD.

S. No.	Name of Student	Branch
1	AMAN KHANDELWAL	EE

SMARTLINK HOLDINGS LTD / DIGISOL SYSTEMS LTD.

S. No.	Name of Student	Branch
1	KRATI HALDIYA	EE

SWAJAL WATER

S. No.	Name of Student	Branch
1	SURABHI MAURYA	IT

SUNARC TECHNOLOGIES PVT. LTD.

S. No.	Name of Student	Branch
1	ABHAY KUMAR AGRAWAL	CE
2	USHA GUPTA	CE

TECH AHEAD SOFTWARE PRIVATE LIMITED

S. No.	Name of Student	Branch
1	KRITIKA TIWARI	CE
2	KRITIK LUHADIYA	CE

UX ARMY SOFTWARE PVT. LTD.

S. No.	Name of Student	Branch
1	DIVYANSH PACHAURI	CE
2	JITESH JAIN.	CE

VECTRA GEOSPATIAL INDIA PRIVATE LIMITED

S. No.	Name of Student	Branch
1	BHARATI.	CIVIL
2	KAMLESH GAURANA	CIVIL

PLACEMENTS

CAPGEMINI

INFOSYS

IBM

TCS

GENPACT

International Student and Study Abroad Centre SD GOALS Internship:

AIESEC Jaipur is currently promoting the project World view to target major issues and problems of Indian society, especially according to the students of everyday life. The United Nations has set out global goals from 2015 to 2030 to create awareness to major problems in this world. Major issues are for example Quality Education, Gender Equality and Health and Well Being. India is on the edge to rise into the next level of Wealth and Economic Power as a developing Country, especially in Asia.

"Sharing with the leaders of tomorrow the dreams and Goals they want to achieve, would lead the progress in the future for peace and harmony."

Poornima College of Engineering with AIESEC Interns wants to raise awareness among the major issues. Another part of this internship is also to improve English speaking skills of the students by participating in group activities as well as interactive sessions and discussions.

Internship took place for two weeks from 20 July to 31 July 2017. The sessions started with an introduction of the 17 Sustainable Goals (SDG) of the UN to give an overview. The sessions were focused on the three important goals, these goals are Quality Education, Good Health and wellbeing and Gender Equality. These goals have great significance in the country.

Discussions were made on situations in Egypt / China and India and how those differences could occur? students were able to come up with the solutions on their own mindset, opinions in a very positive way. The main objective of this internship was to share the culture, the way of living and to help and create the awareness that we are living in a Global Village and its very important to be proficient in English. Internship has been ended with the healthy discussions, knowledge sharing and emphasized on importance of Communication in English and being proficient to excel in life.

PEEM (Poornima Employability Enhancement Mission):

PEEM was introduced in Poornima Group in academic session of 2013 to 2014 to prepare the budding technocrats for facing the challenges during cracking job interviews. It aims to make the students self-confident and successful in placement to conduction of GD/PI, quantitative aptitude, logical and reasoning, written and spoken English test etc. It focuses on students to make them endowed to face hardships of competitive examination. PEEM is an initiative of its kind and this is another unique feature which distinguishes Poornima Foundation from rest of the educational institutions.

SELF HELP GROUPS:

The self-help group formation was started with the objective of improving the learning and teaching strategies through education, practice, feedback, and coaching including analysis, modelling, demonstration and discussion etc. Self-help groups give members an opportunity to discuss their experiences and share their thoughts, their feelings and recovery. The basic aim behind this program is to create a friendly atmosphere and environment to learn and become academically strong. Many of the benefits of self-help group is to come in the form of hope, support, education and to provide helping hands to all.

TUTOR SYSTEM:

The tutor system of PCE creates learning and assessment opportunities. The tutor system has also been an excellent preventive tool capable of positively changing driving behaviours in terms of academics and non-academics. It is a system in which tutor performs the combined role of a friend, philosopher and guide for the student under his or her tutorship. The responsibility of the role includes both admonishing as well as caressing.

MENTORSHIP:

A mentor is responsible for conduction of discipline and maintenance of happy environment in hostels. Mentorship is an intensive concept of hostels at Poornima to answer to all needs of fresher in which new comers are paired with seniors who guide and advise them through their personal experience. The Junior are free to share their experience with their mentors. The area of activities under mentorship program encircles around academics, sports, cultural and overall development of personalities. Mentorship got initiated in the year 2002 and every year the session marks its end with the conduction of annual mentorship summit.
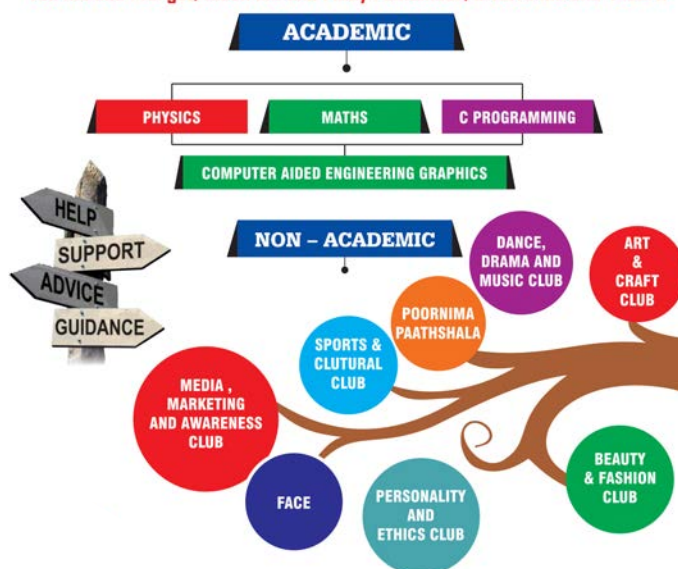
OPEN BOOK TEST:

Open book test was launched by Poornima College of Engineering, Jaipur in the year 2009 with a vision to manifest the innate potential of students. It aims promoting and fulfilling the technical and nontechnical needs of students. Open book test emphasizes on renovating the true meaning of the word education for both teachers and students. It has a tremendous impact on promoting the right mental sets in both learning and teaching.

TRANSPORT FACILITY:

Transportation system of Poornima College of Engineering Jaipur has its own features dealing with all conveniences in terms of to and fro. Transportation has the facility to pick and drop faculty and staff members to every corner of Jaipur. The transport facility always remains available for industrial training and for other various conduction and emergency. There are well coordinated and regular services throughout the year there is a separate bus for staff and students.

Message

I am glad to learn that **Poornima College of Engineering** is coming up with its Annual Magazine **"Poornima Winners"** for session 2018-2019 on the theme **"Green Technology".** We at Poornima provide opportunity to each child to progress and experience success. We follow a collaborative approach where the institution, parents and faculties form a partnership and support each other through the students' journey in college. Due to rapid development of technology our faculties are trained to provide technology supported learning opportunities to the students.

Our Alumni have always played a major role in enlightening and strengthening Poornima by their victories. Alumni is our real ambassador who have tied juniors with their support and guidance. It is through them we are known in the world around.

The Alumni Association has always manifested in joining the weak bonds together and creating a fresh & new via the office of alumni & corporate relations. My felicitations and best wishes to the editors and wishing all alumnus a very successful professional and personal life.

Smt. Renu Singhi
Advisor
Poornima Alumni Association

Message

Skills and knowledge are the driving forces of economic growth and social development of any country. Organization with higher and better levels of skills adjusts more effectively to the challenges and opportunities of world of work. The Training and Placement cell of POORNIMA GROUP is an integral part of the academics. It helps in shaping the careers of our students. The Training & Placement Cell works diligently to provide a workable environment to the Students that enables them to understand the requirements of corporate & Industrial world. Its aim is to find an appropriate place for students in the corporate. The Cell organizes certain orientation programmes, grooming sessions, mock interview sessions for students of each stream. The Cell continuously explores different areas of opportunities for Placement. The soft skill & personality development workshops help students to polish their communication skills, build confidence; to make students industry fit professionals. We organize guest lectures, industrial visits & are always striving to strengthen Industrial Interface. The Training & Placement Officer maintains liaison with industries for Summer Placement as well as Final Placement of students.

I express my sincere gratitude to all the organizations that have extended their active co-operation to the Training & Placement Cell in accomplishing its endeavor successfully.

Ms. Dipti Lodha
Dean (Alumni, Corporate Relations,
Training & Placement)
Poornima College of Engineering

POORNIMA
ALUMNI ASSOCIATION

With the objective to bring all the alumni of the college together, Poornima Alumni Association (PAA) was set up in the year 2006. The association provides a platform for interaction and sharing the thoughts by organizing different learning sessions. The alumni of the college are the real ambassadors who tie a strong bond with the juniors. The main focus areas of the PAA is to draw alumni into continuing life of their Alma mater and providing them with programs and encouraging their support. With the hope to make a difference, the PAA believes in characterization by vision, passion and courage providing a platform for exchange of ideas and experiences with Poornimites across the world.

VISION : To develop and maintain a strong relation with Alumni and Poornima family, to develop faster networking and communication among Alumni and other stake holders.

MISSION : To become a must join organization by better informing, organizing and engaging alumni, students, staff members to strengthen the Poornima College of Engineering as a renowned organization around the world.

CLUB ACTIVITES:

The young barrels of Poornima have always proven their matters not only in books but also in practical arenas. The Zircon club was first established in the year 2007 in Poornima College of Engineering. The club imparts participations in various Tech fests in many IIT's and NIT's. The various activities are conducted under various clubs including the Social club, Energy Club and many more in order to enhance the knowledge of students.

DEGREE DISTRIBUTION

As per RTU guidelines Degree Distribution Ceremony was successfully organized on September 27, 2018. The ceremony was organized for distributing degrees to 2013 to 2017 Batch and to the M.Tech Batch of Poornima College of Engineering. The Chief Guest for the event was honorable Dr. Rajveer Singh Shekhawat (Director, School of Computing and information Technology, Manipal University, Jaipur).

The Alumni were welcomed with traditional essence then they were registered at registration desk where their current profile was updated in database and their reviews were taken in department diaries. Then, the Event started by the speech of Chief Guest in his speech he welcomed all the alumni and declared the ceremony to be opened. Then their degrees were distributed by chief guest, dignitaries along with respective department HOD and a group photo was taken according to alumni respective branches. The whole ceremony was streamed live on Face book and YouTube.

Annual Alumni Meet-2019

The Annual Alumni Meet was organized by Poornima College of Engineering hand in hand with Poornima Alumni Association on January 26, 2019. It was indeed organized in the honorable presence of Mr.Shashikant Singhi (Chairman, Poornima Foundation), Mr. Rahul Singhi (Director, Poornima Group of Colleges), Mrs. Renu Singhi (Advisor Poornima Alumni Association), Mr. Pankaj Dhemla (Vice Principal), Mrs. Dipti Lodha (Chief TPO) and Mr.Rajeev David (Proctor in Chief)..

Many activities were being conducted where they were seen participating wholeheartedly with faculty members and respective HOD's. Some of the events include like tug of war, paper dance, musical chair, galli cricket, passing the parcel and many more where alumni had a great fun and were seen discussing the tales of their college life. The event took a step forward when all the alumni, faculty members and head of respected departments were seated in PCE garden in which a bon fire setup was arranged and a special performance by "The writer's voice society" was delivered after that many alumni shared their views and described college life in their own unique way which created a whole different ambience, then the event proceeded by speech of our dignitaries in which they emphasized on the change in culture and infrastructure of our campus, highlighted the achievements, subsequently an award presentation ceremony was being organized. The alumni, faculty members and dignitaries hold in esteem the move of Annual Alumni meet by college and appreciated the hard work of student coordinators of Poornima Alumni Association to well manage an event and transformed it into an unforgettable day.

VIEWS OF ALUMNI

Poornima not only as institution which provided me education but it's the place where I got to see my capabilities of taking challenges and be the no.1 in execution.

I will owe the half credits for my better life to Poornima College of Engineering and the amazing faculty members.

Vijay Bharti
Alumni, Batch 2019, IT, PCE

It's been great privilege for me to be a student of Poornima engineering College. I had countless opportunities to develop analytical skills, leadership, and proactive thinking through various programs and events. I really thank all the professors of department for helping me to achieve excellence in education. I appreciate not only the education I received, but also the values I learned. Talented faculties and their teaching methodologies helped me to gain more knowledge. The various events such as humbled with the Alma mater, which helped me to reach heights.

Aayushi Tikkiwal
(Alumni, Batch 2012-16)

Currently work in Maruti Suzuki India Ltd. Maruti is Japanese Company, so when I started with this company I saw much college had problem adjusting in the Japanese culture which is time management, discipline & safety one of the Major Factor. People had issue adjusting with that and when I moved to this company. Poornima College so this college taught me time management Import of discipline, imports of Uniform in life in those years it very bagging for me. Now I am glad I was part of this college and it helped me so much to adjust in life in corporate world and it help me succeed. Because these were small things. I am so grateful to be a part of this college. I would like to say thanks to the members.

Parul Tulani
(Alumni, Batch 2002-07, EE, PCE)
Working with Maruti Suzuki Pvt Ltd.

Poornima Hostel is a bright, friendly, and comfortable place with a homely feel to live for the 4 years of engineering. The facilities like internet connectivity, water, electricity and medical aid are available 24*7. Food provided in the hostel is like homely and nutritious. Mentorship Program is one of the remarkable programs run by Poornima Foundation in which seniors teach juniors (1st Year Students) and helps them to grow in Academic as well as Non-Academic areas. I really enjoyed the 4 years of engineering in the hostel with lots of learning and experiences.

Manish Jain
(Alumni EE, PCE)

WISE: WOMEN IN SCIENCE & ENGINEERING

"Let's make sure women and girls can shape the policies, services and infrastructure that impact all our lives. And let's support women and girls who are breaking down barriers to create a better world for everyone."

VISION : To improve the status of women in our society and to make them aware of their rights.

MISSION : To evolve and develop skill based systems in PCE showcasing different activities to groom their overall personality.

ABOUT PWWA & WISE AT PCE: Women are the foundation of every society. Women can do a lot in the society, what is needed; she herself should identify her strengths and work on it to build a strong society. A woman can not only change anything but also can change everything. "Women are the real Architect of Society". So, women at PCE have clasped and formed a club Women in Science and Engineering (WISE) to propagate importance and relevance of women education in Science and Engineering. Every year activities of WISE have been organized with the coordination of the concerned department to encourage the maximum participation of girls in various activities and to promote their overall development.

OBJECTIVE : Women are the foundation of every society. Women can do a lot in the society, what is needed, she herself should identify her strengths and

work on it to build a strong society. A woman can change everything. "Women are the real Architects of Society". So, women at PCE have clasped and formed a club-Women in Science and Engineering (WISE) Under PWWA (Poornima Women Welfare Association) to propagate importance and relevance of women education in science and engineering . This year eight activities of WISE were organized with the coordination of the concerned department to encourage the maximum participation of girls.

PCE-WISE CLUSTER WHEEL: Women are the backbone of every society. They are the real architects of our community. On November 29, 2008 under the guidance of Honorable Chairman, PF. This year WISE organized various activities to involve maximum number of participations to promote the overall development of the students. Various activities include power point presentations, modelling through waste materials, cook without fire, sketching, thumb painting and many more.

Other activities conducted by PCE-WISE to encourage and enhance the enthusiasm of women in PCE are:
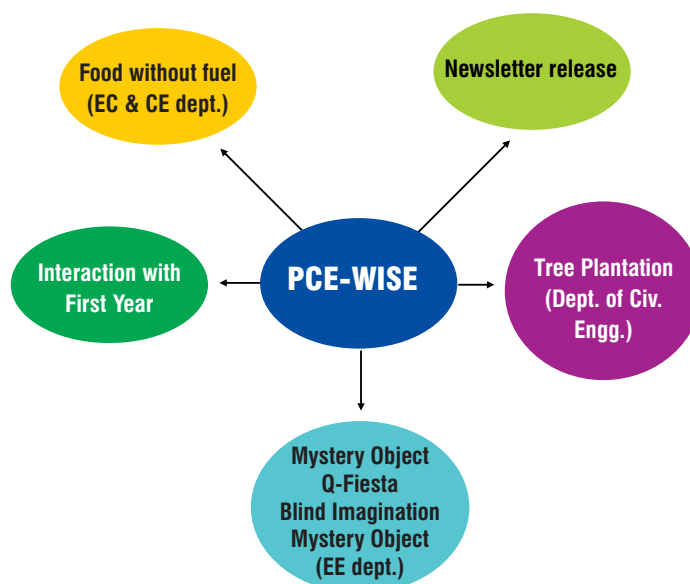
PWWA & WISE ACTIVITY: Visit to Anchal (Balika Griha) 21st November 2018

Department of Electrical Engineering organized a visit of all the girl students from Second year Electrical Engineering to Anchal (Balika Griha) (A unit of Women of India Showing Humanity) Jaipur on 21st November 2018 under PWWA (Poornima Women Welfare Association) & WISE (Women In Science and Engineering). The visit was Coordinated by Dr Himani Goyal Sharma (Professor, Department of Electrical Engineering) and Ms Ankita (Assistant Professor, Department of Electrical Engineering) under the supervision of Chairperson PWWA & WISE, PCE Dr Shuchi Dave , supported by HOD, EE, Dr Virender Sangtani. The main objective of the visit was to make the students aware about the Social problems existing in our Society and to make them aware about the surroundings.

The students gave a presentation about girls related Issues, Self Hygiene, and Self Defence. They also conducted various games and yoga. Different forms of sweets and Gifts were distributed and lot of Prizes were won by the students. The college management also gave a Donation to help the cause of "Save the Girl Child ".There were around 25-30 girls in that orphanage from the age group of 3 years to 13 years. They also conducted a "DRAWING MAKING COMPETITION " for the girls.

INTRODUCTION OF PWWA AND WISE TO FIRST YEAR STUDENTS : A 40 minutes PPT presentation about PWWA vision, mission and objectives was presented by WISE student Coordinators, on 21 September, 2018 for First year female students. The event was organized by faculty coordinators (Mrs. Meena Tekriwal & Ms. Riddhi Shrivastava, member PWWA and Dr. Shuchi Dave, Chairperson PWWA) with the support of Dr. Mahesh Bundele, Director, PCE and Dr. Rekha Nair Dean first year. The objective of the interactive session was to make female students aware of laws defined in the constitution of India to protect them from any consequences of sexual harassment which can happen to them at any time in their lives. They also explained about the women cell working in the PCE campus for the welfare of the female students. The session was conducted by student coordinators Ms. Isha Maheshwari (Third year ,ECE) , Ms. Kunika Saraswat (Third year ,ECE) & Ms. Juhi Varshney (Third Year, CSE) .The power point presentation was delivered with a motto to emphasize women empowerment as well as to promote zero tolerance towards any kind of harassment. Followed by presentation, Mr. Pankaj Dhemla, Vice Principal, PCE interacted with first year girls students about their future planning and decision regarding their careers.

SPORTS ACTIVITY: On Thursday, 24th January, 2019 sports activities were organized, with the student girls of IT, Civil and Mechanical department. Dr. Shuchi Dave motivated the students by their words of wisdom. She also appreciated the initiative taken by the girl 'students of various departments. In this activity outer participation from student of PIET and PGI were also appreciated by Chairperson Dr. Shuchi Dave, and Faculty Members Ms. Sita Gupta IT, Dept), Ms. Asha (ME, Dept) & Ms. Surbhi Verma (CE, Dept.)

The objective of the activities was to prepare girls for a fast and active life. Three events were planned Tug of War, Dum Charades, and Atlas. These activities provide sufficient opportunities for students to develop individual abilities.

INTERNATIONAL WOMEN'S DAY CELEBRATION : FRIDAY, MARCH 8, 2019

8th March is internationally celebrated as the "International Women Day". Moreover, it is the day to acknowledge all the women in the world for making this world a better place for everyone to live in. Two sessions of activities were planned, in session –I all girls of PCE celebrated the day by their performances in different activities then in second session the lecture was delivered by the Chief Guest Dr. Vartika Arora. Rajasthan School of Law for Women, Jaipur .At the end of the sessions Celebration held for all the female faculties and staff of PCE.

After the Inaugural, Wise Newsletter (Vol. VIII) was released by the Chief Guest, Director (PCE), WISE Chairperson & coordinators of departments .The newsletter accumulates all the data regarding the events organized under WISE in last semester.

After the inaugural session Director (PCE) Dr. Mahesh Bundele congratulated all females on International Women's day. He himself realized that a society can grow if the females are living in good conditions. After his word of blessings, Dr. Vartika Arora, Chief Guest of the day shares her life experiences and successes with all. She focuses on innovative ways in which girls can advance gender equality and the empowerment of women, particularly in the areas of social protection systems, access to public services and sustainable infrastructure. Achieving a gender- equal world requires social innovations that work for both women and men and leave no one behind. In her lecture she also discuss urban planning that focuses on community safety to e-learning platforms that take classrooms to women and girls, affordable and quality childcare centers, and technology shaped by women, innovation can take the race for gender equality.

VISIT TO BHAMASHAH TECHNOVATION HUB:

First year of Poornima College of Engineering, visited India's largest Business Incubator Bhamashah Techno Hub in Jaipur on 27th March, 2019. BTH is a project by the Government of Rajasthan to accelerate the pace of creating a compelling startup ecosystem in Rajasthan. The idea is to provide an entire support system to the rising entrepreneurs by helping them to pitch their ideas and get connected with the potential investors. The incubation centre offers free space, connectivity, easier funding, mentorship and exposure to the startups. Total 100 girls from first year visited the hub..

A number of points were discussed in the session which include certain questions like how a startup gains funds at different stages? What is a perspective of a investor and many more. Students learnt about what is startup? Why to start? What is right mindset? How things are connected? What is innovation.. Students had an amazing experience.

COLLEGE MAIN EVENTS

INDEPENDENCE DAY : 15th of August, the day India became independent. The institute along with the nation celebrated 70th year of Independence in 2017. The celebration began with the flag hoisting embarking a spirit of patriotism within everyone. Remembering the freedom fighters, the patriots, the people who died for a free India saluting them for their courage and patriotism, the institute also felicitates the teachers and faculty members to show their appreciation and respect for the teachers.

MANTHAN: On 6th Oct 2018, GREAT BRITAIN DEBATE had been organised at Arbuda Convention Centre, Poornima Institute of Engineering & Technology, Jaipur. The event started off with traditional auspicious lamp lightening ceremony by the esteemed chief guest Mr. Shreyans Kasliwal, Chair Yi Jaipur Chapter, Mr. Nitesh Saboo, Co-Chair, Yi Jaipur Chapter, Mr. Rahul Singhi, Director, Poornima Group

with Ms. Malti Jain, Regional Advisor, British High Commission, Ahmedabad, Mr. Shashank Kasliwal, Advocate-Kasliwal Chambers, Jaipur, Mr. Girish Dangayach, Yi Member & Chief Digital Officer, Ess Kay Fincorp. After the traditional lamp lightning guest and jury members were felicitated by the PF officials followed by the war of words i.e. the great debate began. Cluster of elites from various colleges debated on the topic "The House Believes that Judicial Intercession in Governance and Administration Leads to Further Complications". 16 teams with 32 students in group of two from different colleges across Jaipur spoke excellently good making it great with smart arguments and counter arguments. The winner Poornima Manthan 2018 was Hulash Goyal and

Abhimanyu Singh Chouhan, from Poornima University, 1st runner-up was Rahul Singh and Vidhi Kakar, from Amity University.

ENGINEER'S DAY: Consistently 15th September is praised as the Engineer's day in India to give a tribute to the best Indian Engineer, Sir Mokshagundam Visvesvarya who likewise got India's most noteworthy respect, the Bharat Ratna in 1955. He holds some striking designing developments in his name. He was the main designer of the Mysore state, Vrindavan Garden, Krishna Raja Sagara dam and so forth. He was additionally the main architect of the sustenance security framework for the city of Hyderabad.

Engineer's day was celebrated in Poornima College of Engineering on 15th September 2018. The primary portion of the day was with the standard scholastics and in the second half of the day; a movie session as well as a motivational talk session was organized for the students.

To instill the young engineer's with high end motivation and zeal, an inspirational movie was shown to help budding engineers relate, aspire and success. A movie session premiering movie "The Core" was executed by the Department of First Year to mark the very significance of the day. The Core is a shockingly decent out-dated experience spine chiller. The story, spinning around the endeavours of a gathering of gutsy researchers as they endeavour to actually restart the world's center, is as weighed down with enhancements as it is light on character advancement.

On the same day Poornima Group of Colleges organized IGNITE TALKS. Students of Poornima College of Engineering participated in the productive session. The main objective for conducting the session was to motivate and help our students chase and achieve their dreams and make their parents proud. Famous personalities like Mr. PAWAN KUMAWAT (Weight Lifter, Coach, and Gold Medallist), Mr. PARESH GUPTA (Motivational Speaker and Entrepreneur) shared experiences of their competitive and motivating journeys so as to enthuse the young Poornimites. The efficient and well-arranged program was highly appreciated by the students for stimulating the power and confidence in them.

FUTURE BUILDERS

COSMIC BASH

SOCIAL RESPONSIBILITY

About the Department

Dr. Rekha Nair
Dean, Department of First Year,
Poornima College of Engineering, Jaipur

The Department of First Year in PCE was established in the year 2000 and currently takes pride in educating over 550 students distributed in 11 sections for CE,IT and EC (6 sections - Group A) and EE, ME and Civil (5 sections - Group B). The curriculum of First year comprehends the development of fundamental knowledge and skill related primarily applied sciences including Engineering Physics, Chemistry, Mathematics, Communicative English, and engineering subjects like Computer programming supplemented with elective courses in Basic Electrical & Electronics Engineering, Engineering Mechanics, Basic Mechanical Engineering and Basic Civil Engineering, related laboratories and workshops.

Beyond syllabus programs like BSSD (Branch specific Skill Development) and Non-Syllabus Project help the student to expand not only technical skill-set but also professional attributes like team-work, communication, critical thinking and presentation skills, with hands-on experience in cutting edge technologies. Other activities targeted for skill refinement contain Direct to Student (D2S) programs like Spoken Tutorials & QEEE (Quality Enhancement in Engineering Education). Students are moulded to become made industry-ready through participation in Branch specific Industrial visits to different government and private organizations.

Club Activities are an integral part of First year which comprises of 3 clubs namely Literary Club, Educational Growth Club, and Zircon Club. These clubs are coordinated by young and energetic student coordinators. First Year Students participate in the Club activities that are targeted to provide overall personality development crucial for the modern day industry needs. Aadhar Project Compettion is one of the popular intra-college events hosted by and for students of I year department of PCE, in which the student compete and exhibit their technical & communication skills by showcasing projects under 11 different categories. Other vivid co-curricular and extra- curricular activities include Seminars, Expert Lectures, and Alumni interactions that are regularly organized by the department for continuous growth of its students. The department is actively carrying out the various ISTE workshops and seminars for students and faculty members. After the completion of I year, a Handover ceremony is conducted in which the Tutors (faculty assigned to a batch of a section, with batch size of nearly 30 students) handover student data including their participation, achievements, interests, attendance and academic patterns to corresponding Tutors of Higher classes of respective engineering programs.

"Poornima Winners" the annual magazine for Poornima College of Engineering provides a magnificent platform to nurture and exhibit the unique blend of knowledge and skill. Students and faculty members at this institution are committed to achieve success and growth in all dimensions, and this magazine has always been a milestone in this never-ending journey of discovery and exploration. On behalf of Department of First year of Poornima College of Engineering, I feel proud and privileged to congratulate everyone who has contributed in this outstanding publication.

MULTIFARIOUS ACTIVITIES

S.No.	Full Name of the Activity	Date	Coordinator of Activity
1	Student Technical Paper & Model Contest	March 15-16, 2019	Dr. Rekha Nair
2	TEQIP III RTU (ATU) Sponsored (FDP) on UHVPE	July 12-19, 2018	Dr. Rekha Nair
3	Session on Time Management and Organization Skills	May 11, 2019	Mr. Kuldip Sharma
4	Workshop on Development for Software and Hardware	May 14, 2019	Mr. Amitesh Kumar
5	Yoga for Stress Management	August 10-12, 2018	Dr. Priyanka Lodha
6	Language and Communication Skills Workshop	August 7-10, 2018	Dr. Lily Agarwal
7	Aadhar 2018-19	October 22, 18	Mr. Anil Pratap Singh
8	Session on Awareness Day	December 1, 2018	Ms. Kulsum Bano
9	Goddess Saraswati Coronation (Basant Panchami)	January 22, 2018	Dr. Priti Kaushik
10	Seminar on Gender Equality Sustainability	April 10, 2019	Dr. Bina Rani
11	Orientation Program	August 1-14, 2018	Dr. Rekha Nair
12	International Women's Day	March 8, 2019	Dr. Shuchi Dave
13	Session on Universal Human Values	August 8, 2018	Ms. Isha Seegar
14	Session on Professional Ethics	August 12, 2018	Dr. Dipti Mathur
15	Workshop on Women's Self Defence	July 13, 2018	Ms. Kritika Mathur

STUDENT INDUCTION PROGRAM

Objective: RTU proposed a 2-week long induction program for the UG students entering the engineering institution under RTU, right at the start. Regular syllabus of first year proposed by RTU will start only after the induction program is over. Its purpose is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.

It is important to help them adjusting to the new environment and inculcate them in the ethos of the institution with a sense of larger purpose. In this regard Department of I Year, Poornima College of Engineering, Jaipur has planned two weeks "Induction & Orientation Program for B.Tech I Year Students" starting from 1st August 2018. The purpose of this induction program is Skill Enhancement and Self-Exploration of the new students. The proposal was set by AICTE and implemented by RTU in its affiliated colleges. Various Programs and activities includes Creative Arts, Universal Human Values, Physical Activities, Proficiency Module, Literary Activities, Familiarization of the Subject, Lecture by Eminent Speakers and Visit to Local places & Industry.

"PAHLA KADAM", INAUGURAL CEREMONY OF INDUCTION PROGRAM FOR B.TECH I YEAR

Poornima College of Engineering marked orientation program as the Inaugural Day. Arbuda Convention Centre staged the inaugural ceremony for B.Tech I Year students of Civil, ME, CS, IT, EC, Agri. & EE Branch on 6th August, 2018. Over 300 students and faculty members attended the session. The orientation program commenced with the welcome of dignitaries.

EXPERT TALKS

The Induction Program was marked by guest lecture of Dr. Sanjay Palnitkar, the Technical Director of Aqura Labs Pvt. Ltd. Jaipur. Dr. Sanjay is an eminent environmentalist and holds an experience of 32 years. The session was delivered with precision by distinguished speaker. Dr. Sanjay interacted with students to learn about their current knowledge status so as accordingly deliver the lecture. Sir, spoke about the present technologies that are being used and about the future technologies to be introduced. With the help of a power point presentation, concepts relating to Engineering and Management including artificial intelligence, and application of the same in the society were discussed.

Interaction with Protocols: The day also included special interactive sessions for sections for the students. These sessions included interaction of senior Professors with the students. Prof. Dr. Om Prakash Sharma, Prof. Dr. Ajay Kumar Bansal, Prof. Dr. Pankaj Dhemla; furnished the students with very valuable information. Senior faculty interaction with the students was also part of the day, where Dr. Rekha Nair (Dean I Year), Mr. Rajiv David (Chief Proctor), Mr. Ashwini Lata (Dean Hostels) interacted with the students and bestowed them with their guidance.

The next day of the induction included one subject introduction class for each section. Later in the day there were continuation of sessions of the Senior Professors, Prof. Dr. O.P. Sharma, Prof. Dr. Ajay Bansal, Prof. Dr. Pankaj Dhemla, Prof. Dr. Rekha Nair, Mr. Rajiv David, Mr. Ashwini Lata and Dipti Lodha ma'am and Senior faculties' interaction with the students, schemed in a way that each section gets to interact with each of the interacting dignitaries.

CREATIVE ARTS

Student groups carried on with' Creative Arts' as per the interest of the students such as Recitation of Poems, Narration of the short stories, Dance, singing, Drawing and Hands on Practice by the second group of students. The creative arts session was conducted which included stories and poem recitation, songs, dance, drawing and hands on practice. Students also prepared the Skit with the help of the faculty members. This session helped them in brushing their creativeness and personality. This also increased the interaction, bonding, team work among the students.

PROFICIENCY MODULE & LITERARY ACTIVITY

A proficiency module including Role Play as an activity was conducted for the students of all the branches in the seminar hall. The test helped them to improvise their communication skills and also combat stage fear. For the students of other group, picture perception test was conducted, prior to that a brief introduction was given to them. This enhanced their observational and comprehensive skills. The test was successfully conducted and this benefited the students to a very great extent Interaction of students with Nima Shukla (Chief Librarian) also turned out to be very informative. Students of First year attended Writer's Voice Society's orientation program. Writer's Voice Society a well-renowned organization in the field of literature and has been conducting one of the best Open Mics all over Jaipur.

VISITS

TECHNICAL EVENT: AADHAR

The Annual Tech Fest: Project Exhibition and Competition under the banner of Aadhar 2018 was organized at PCE on Monday (October 22, 2018). The event was conducted under the cognizance of a perfectly functional club "Zircon" of Poornima College of Engineering. The division of first year took an interest with an extraordinary enthusiasm and the result was 136 projects (equipment and programming) under 10 diverse categories. The occasion was graced by Sh. M K M Shah, Director (Admin. & Fin.), Dr. Mahesh Bundele (Director and Principal), Sh. Pankaj Dhemla (Vice Principal), Dr. Rekha Nair(Dean, I Year) and the charismatic Mr. Ajay Gupta, Director Embuilt Technologies as boss visitor. On this event, one of the individuals from the Judges Board Dr. Shanky Saxena (Prof. IIIT Kota) edified the social affair with his insight on different parts of designing. Dr. Mahesh Bundele, Director and Principal, Poornima College of Engineering) tended to the inspiration with the end goal to accentuation on they should be redesigned. Sh. MKM Shah, Director (Admin & Finance) communicated his perspectives on significance of order and discipline in the everyday life. After the Inaugural Ceremony the activities with different innovations like High Anchored Home, Propelled Engine Bicycles, Automated Arm and Keen Stopping were illustrated. The purpose of fascination of the occasion was "Junkyard" which depended on the methodology best out of waste. One of the innovations was "smart blind stick" which was designed especially for people who are blind. Other events included Rob war, Rob race, and Machine-o-Mania, Line follower, Ball gripper, Rob soccer and circuitry. Mr. Siddharth Pancholi, Mr Arathy, Mr.Varghese, Mr. Prateek Jain from MNIT evaluated the projects. Alumni of PCE Mr. Ronak Maheshwari, Mr. Vivek Sharma, Mr. Abhishek Saran, Mr. Saurabh Kumawat also have given contribution in judging the projects. It was a great opportunity for first year students to open up and apply the innovations in to projects.

NSP Project Exhibition:-

Show casing the student's project to the industries was the main objective and thereby enhancing the project quality as per the need of industry, with this in mind Department of 1st Year, Poornima college of engineering had initiated the concept of Non syllabus Project Exhibition in 1st and 2nd semester of UG program of engineering. The hardware projects exhibited by technical club "Zircon club", under running by 1st year department and Software projects exhibited by the computer science faculty member of 1st year department. The purpose of this event is to showcase the projects of all the 1st year B. Tech. students of all the disciplines of the Poornima College of Engineering, Jaipur. To achieve the activities carried out are showcasing more than 200 Industry Defined Projects (IDP) and User Defined Projects (UDP) prepared by students from the 1st year departments of Poornima College of Engineering, Jaipur. The Project exhibition is critically evaluated by feedback to improve quality and value.

CLUBS @ FIRST YEAR

Literary Club: The Objectives of the club includes exposing to new vocabulary. To enhance public speaking skills.To improve communication skills. To develop learning, speaking, reading and writing (LSRW) skills, Getting rid of stage fear and developing self-confidence, and Enhancing creative skills and overall personality.

Drama Club (Curtain Up): Drama club is committed to tap the effective public speaking and getting rid of stage fear among the students; club is poised to enable the talents with cutting edge. The club aims to foster a love for language, enhance creativity and provide an avenue for self-expression beyond the college curriculum.

Faculty Coordinator:
Mr. Kuldip Sharma, Assistant Professor

Zircon Club: Zircon Club is nurturing technical knowledge if students. The club focuses on enhancing technical skills, practical knowledge of science and technology of students along with team work, leadership and harmony.

Faculty Coordinator:

Mr. Sugreev Choudhary

Creative Corner: The creative corner provides a platform to the young minds to showcase their diverse creative skills. Artistic sketches, paintings, poems, quotes, articles embellish this very corner.
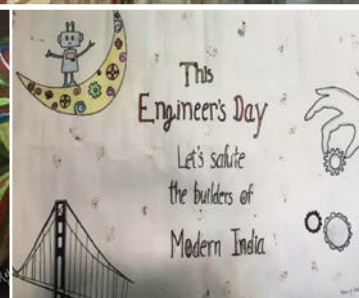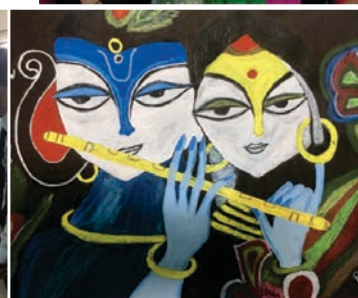
FDP on UHV

TEQIP-III Rajasthan Technical University, ATU sponsored Faculty Development Programme on "Universal Human Values and Professional Ethics" held at Poornima college of Engineering, Jaipur from 12-19 July, 2018

To provide a platform to academicians to discuss and elaborate on human values as the essential need of the society under the leadership of RTU Kota, Poornima College of Engineering had organized TEQIP-III Rajasthan Technical University, ATU sponsored Faculty Development Program on "Universal Human Values and Professional Ethics" from 12-19 July, 2018. Mr. Suresh Patel was the coach of the sessions for one week. He emphasized on the knowing of the things and goal rather than accepting them blindly, which has a direct relationship with human psychology. He further delivered his lecture in a proposal mode and wanted participants to follow and practice his views in their lives which will lead young generation to imbibe human values in every act they do. The first day of the session ended with zeal and zest in 43 participants (16 from other institutes and 27 from Poornima) giving new heights to expectations and their fulfillment.

WORKSHOPS / SEMINARS / VISITS

WORKSHOP ON "ARDUINO AND SENSOR":

A Two Daysworkshop on Arduino was organized by Department of First Year, PCE on 24th & 25th Oct, 2018. The workshop was organized for I Yr (I Sem.) students. 54 students of I Year (I Sem.) actively participated in the workshop. The main objective of this workshop was to provide the fundamental knowledge of Arduino Pr with hands on practice.

The workshop was conducted by external training agency The Smart Techies P. Ltd., JAIPUR and the main trainer was Mr. Aditya SG Vyas, Team Lead in The Smart Techies P. Ltd during the workshop. Mr. Sandeep Gupta Asst. Prof. and Mr. Sugreev Choudhary attended and coordinated this workshop.

WORKSHOP ON EMERGING TRENDS IN ENGINEERING DRAWING WITH AUTO CAD:-

The objective of the AutoCAD Work Shop is to enable students to create a basic 2D drawing, create Drawing and Drafting Skills through AutoCAD in the students and get them aware about the Auto CAD software.

SOLAR PLANT VISIT AT POORNIMA UNIVERSITY:-

Civil and Mechanical students, first year visited Solar Power Plant at Poornima University on 11 October 2018. Students were split into two groups first batch visited to the solar panel at roof of academic block of PU and other group visited in the solar lab. They were briefed about the PV cell conducting study, research, development and applications of solar energy.

The motive of the tour was to provide the students with right blend of theoretical learning and an opportunity to witness how the theoretical concepts are utilized in practical environment. The officials of all he Industries visited by the students were honoured with the mementos by the faculty coordinators.

This tour will be helpful in creating awareness in young minds present in University which acts as a hub for exchanging ideas, information and awareness in society for such initiatives of clean energy.

TECHNOVATION - 2019: "Technovation 2019" as the name implies Technology + Innovation has been objectively designed to provide a platform for the students of Bachelor, Master and Doctoral degree in Civil, Mechanical, Electrical, Electronics and Computer Engineering. It is a contest being organized by IEEE Student Branch of Poornima College of Engineering during 15-16 March 2019 with support of IEEE Rajasthan Subsection, ISTE, IEI, Ashrae and Ishrae chapters. Technovation-2019 is an effort to bring together students across the nation with distinguished dignitaries to provide the view of the potential of the research works being carried out. It is aimed to create an opportunities for collaboration to conceive and execute new ideas. The paper and model contest are divided into five parallel tracks. Prizes were awarded for the best two papers and two models in each technical track depending on the marks.

ACTIVITIES UNDER YUVA

YUVA – An Introduction: Youth for Unity and Voluntary Action (YUVA) is a non-profit development organization committed to enabling vulnerable groups to access their rights. YUVA encourages the formation of people's collectives that engage in the discourse on development, thereby ensuring self-determined and sustained collective action in communities. This work is complemented with advocacy and policy recommendations. Founded in Mumbai in 1984, currently YUVA operates in the states of Maharashtra, Madhya Pradesh, Odisha, Assam and New Delhi. At the community-level, through an integrated 360-degree approach, YUVA delivers solutions on issues of housing, livelihood, environment and governance. Through research, YUVA creates knowledge that enhances capacity building. Through partnerships in campaigns, YUVA provides solidarity and builds strong alliances to drive change.

Keynote Speakers: Mr. Atin Jain, Chair - YUVA, National Level

Awareness Session on Road Safety Education: Road safety is a great subject in which to engage children and young people – and Road Safety Week is the perfect time to do it! If approached in the right way, students often enjoy and get a lot from studying and campaigning for road safety because it is an issue they can understand and that affects them. It's vitally important to help shape children and young people's understanding of and attitudes towards road safety, to help give them the best chance of keeping safe while they're young and as they get older. Road crashes are the biggest killer of young people worldwide.

Fifth Edition of Yuva Leadership Camp: Leadership development expands the capacity of individuals to perform in leadership roles within organizations. Leadership roles are those that facilitate execution of a company's strategy through building alignment, winning mindshare and growing the capabilities of others. Leadership roles may be formal, with the corresponding authority to make decisions and take responsibility, or they may be informal roles with little official authority. Leadership development is thought to be key to business success.

WORLD KIDNEY DAY AWARENESS SESSION:

This year we celebrated The World Kidney Day with the ceremonial address of Dr Piyush Mathur, Nephrologist, SDMH, and Jaipur. The ceremony was held in the Poornima College of Engineering, Jaipur with the presence of the Management, Faculty, Staff Members and Students of whom some shared their experiences. The whole event was supported by Poornima Group. Besides other things, this event resulted in a draft of future steps for advancement of awareness in our country.

AIESEC:

Session on 'Sustainable Development of Goals' and 'Quality Education' by Mr Paulo and Ms Laura (German Scholars) and Ms Merry (Brazil) in association with the AIESEC: International Association of Students in Economic and Commercial Sciences on April 03, 2019

POTLUCK LUNCH

POSTER MAKING COMPETITION

CELEBRATIONS

TEACHER'S DAY:

"The teacher who is indeed wise does not bid you to enter the house of his wisdom but rather leads you to the threshold of your mind" - Kahlil Gibran.

We observe Teachers' day consistently is celebrated all through the nation on September 5, 2018. Students offer their thanks and thankfulness for their educators on this day. This day is committed to Dr. Sarvepalli Radhakrishnan – second President of India. The immense scholastic logician and a standout amongst the most surely understood representatives, researcher, leader of India or more each of an instructor. As a tribute to this extraordinary instructor, his birthday has been seen as educators' day. As a token of love, respect, regards, admiration, appreciation, and honour, Teacher's Day was celebrated in first year, Poornima College of Engineering. Students highlighted that teachers are no less than an engineer or architect of our society as a whole. Thanked the teachers and efforts of the students were appreciated by all the teachers as well. It was an auspicious day for students, to celebrate Teachers Day. Festivity Celebration began with the cake cutting ceremony in each section and branches in the gracious presence of Dr. Rekha Nair, Dean First Year, HoD, Dy. HoDs, Tutors and Faculty members.

A good teacher can inspire hope, ignite the imagination, and instil a love of learning"

FRESHER'S PARTY (AAGMAN) :

The word fresher's party itself points towards Fresher's i.e. the event organized for fresher's. This event is organized by second year students to have a good communication with the juniors and to welcome the juniors in their college.

OUTSIDE PARTICIPATION & FACULTY ACHIEVEMENTS

Name of Faculty	Prashant Hemrajani
Outside Participation	Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.

Name of Faculty	Ravindra Mahawar
Outside Participation	Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.

Name of Faculty	Kuldip Sharma
Outside Participation	• Presented a paper in an International Conference on 'New Directions in 21st Century Linguistics, Literature & Language Teaching' organized by Sharda University, Greater Noida in association with KLLAS & ELTAI from March 29-30, 2019.
	• Attended 3-day Faculty Development Program on Student Induction (FDP-SI) organized by Poornima College of Engineering, Jaipur from March 01-03, 2019.
	• Solicited as Judge in a Mega Cultural Fest "TECHNORAZZ" at Jaipur National University, Jaipur on September 29, 2018. • Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.
	• Published a paper on 'Reality of Life and the Irrational Senses of Sacrifice Yayati & Bali' (From an Ancient Jain Epic) IMPACT: IJRHAL: International Journal of Research in Humanities, Arts and Literature Volume VI & Issue VIII (August - 2018) ISSN (P) – 2347-4564; An International, open access, double blind, peer-reviewed and refereed Journal in English.
	• Coordinated AICTE-INDUCTION PROGRAMME- 2018 for the students of I Year at Poornima College of Engineering, Jaipur from August 01-21, 2018.
Online Courses	Indian Writing in English (Swayam)
Achievement	PHD about to Complete / Enrolled (Thesis submitted only Viva is remained)

Name of Faculty	Vedanshu Vashistha
Outside Participation	• Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.

Name of Faculty	Riddhi Shrivastav
Outside Participation	• Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.
	• 3-day Faculty Development Program on Student Induction (FDP-SI) organized by Poornima College of Engineering, Jaipur from March 01-03, 2019
Online Courses	Resources and Environment (Swayam)
Achievement	PHD Enrolled

Name of Faculty	Dr. Rekha Nair
Outside Participation	• Attended 3 days RTU (ATU) TEQIP – III Sponsored Teacher's training Workshop on "Induction Programme" at Global Institute of Technology, Jaipur, 13-15 June 2018
	• Attended 3 days Faculty Development Programme on "Student Induction Programme" at MNIT, Jaipur, 9-11 July, 2018.
	• Organized and attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.
	• Presented Paper on "Thermodynamic and Adsorption Studies of Corosion Inhibition of AA6063 employing Lawsonia alba Lam., International Conference on Frontiers at the Chemistry – Allied Sciences Interface,FCASI-2018, UOR, Jaipur, 21-22 Dec. 2018
	• Published Paper, "Kinetic, Thermodynamic, adsorption and electrochemical studies for Corrosion Behaviour of Aluminium AA6063 Alloy in Ethanolic Extract of Lawsonia alba Lam. Leaves", International Journal of Technical Innovation in Modern Engineering & Science, 4(12), Dec. 2018, 170-178.
	• Organized "Technovation- National Level Student Technical Ppaer and Model Contest" at Poornima College of Engineering, Jaipur, 15-16 March 2019
	• Presented Paper " ", Technovation 2019, Poornima College of Engineering, Jaipur, 15-16 March 2019
	• Presented Paper "Applications of Nano Composite for purification and waste water Treatment – A compression Study ", Technovation 2019, Poornima College of Engineering, Jaipur, 15-16 March 2019
	• Presented Paper and received best paper certificate, "Enhancement of Efficiency of biogas digester in cold season", International Coference on " Smart Innovations for Society, Poornima Institute of Engineering and Technology, April 6-7 , 2019
	• Organized " Awareness Session on " Make Road Safer- First aid training for Youth" in collaboration with Yi YUVAJaipur and Mash Foundation at Poornima College of Engineering, Jaipur on 5 & 6April 2019
	• Attended "Yi- Jaipur Chapter AGM & Annual Session 2018-19 on Learn Today - Lead Tomorrow", at Hotel Royal Orchid, Tonk Road, Jaipur, 25 February, 2019
	• Coordinated AICTE-INDUCTION PROGRAMME- 2018 for the students of I Year at Poornima College of Engineering, Jaipur from August 01-21, 2018.
Online Courses	Registered for Solid and Hazardous Waste Management(Swayam- MOOC), Under Process

Name of Faculty	Meena Tekriwal
Outside Participation	• Attended 3 days RTU (ATU) TEQIP – III Sponsored Teacher's training Workshop on "Induction Programme" at GIT
	• Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.
	• 3-day Faculty Development Program on Student Induction (FDP-SI) organized by Poornima College of Engineering, Jaipur from March 01-03, 2019
	• Attended and Presented paper in an International Conference on Materials for Energy Applications, S.S. Jain Subodh P.G. (Autonomous) College, Jaipur, Rajasthan (India), 6-8 Dec 2018
Online Courses	Solid and Hazardous waste management (swayam)
Achievement	PHD about to Complete (2019)

Name of Faculty	Dr. Sunil K. Yadav
Outside Participation	• Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.
Online Courses	Differential Geometry

Name of Faculty	Amarjeet Bharti
Outside Participation	• Attended 7 days RTU (ATU) TEQIP – III Sponsored Faculty Development Programme on "Universal Human Values" at Poornima Collee of Engineering, Jaipur, 12-19 July 2018.

Name of Faculty	Dr. Neeraj Jain
Outside Participation	• Member organising committee for "International Conference on Materials for Energy Applications" at S.S. Jain Subodh P.G. (Autonomous) College, Jaipur, Rajasthan (India)
	• Presented paper 'An Approach towards Smart City: "Smart Polymers and Applications"' in ICME-2018, at S.S. Jain Subodh P.G. (Autonomous) College, Jaipur, Rajasthan (India)
Online Courses	Completed online course "Basics of Special Theory of Relativity" by Centre of continuing education, Indian Institute of Technology, Kanpur, December 18, 2018 to March 8, 2019
Achievement	with Excellent Grade

DEPARTMENT OF COMPUTER ENGINEERING

The Mind Optimizer

VISION
Evolve as a centre of excellence with wider recognition and to adapt the rapid innovation in Computer Engineering.

MISSION
- To provide a learning-centred environment that will enable students and faculty members to achieve their goals empowering them to compete globally for the most desirable careers in academia and industry.
- To contribute significantly to the research and the discovery of new arenas of knowledge and methods in the rapid developing field of Computer Engineering.

Dr. Ajay Khunteta
Head, Department of Computer Engineering
Poornima College of Engineering, Jaipur

About the Department

The Department of Computer Engineering was established in July 2000. It administers Bachelor's Programs in Computer Engineering, as well as Master's Degree Programs in Computer Science. The department is accredited by National Board of Accreditation for quality and outcome based education. The department's strengths include its high faculty-to-student ratio, state of the art facilities, renowned faculty, strong focus on undergraduate education balanced with leading-edge research, and emphasis on leadership, service and ethics. The Department aims at imparting quality education and strives to quench the thirst for knowledge. The Department lays emphasis on theoretical and practical aspects of subjects taught viz. Computer Technologies, Data Structures, and Information Security, Programming Languages, Networking, Database Management, Software Engineering, Operating System and several other domains of computer engineering. The curriculum inculcates industrial summer training after I, II, and III year which enable students to get acquainted with work culture and in turn help them groom themselves. International conferences, Symposiums, workshops, and seminars of national and international levels are organized by department in close liaison with renowned professional societies such as IEEE, CSI, IEI, ISTE, and ACM-W etc. Moreover experts with hands on experience regularly share their domain knowledge with the department. Most of the students passed out are well placed or have opted for higher studies. Top IT companies like Infosys, TCS, Capgemini, and IBM are major recruiters. The department focuses on development and strengthening systems thinking, problem solving, analysis, design, research, team work, communication skills, and readiness for lifelong learning in areas of Artificial Intelligence, Machine Learning, Deep Learning, Cloud Computing, Business Intelligence and Internet of Things.

Program Educational Objectives (PEOs)

PEO 1:   Graduates will work productively as skilful engineers.

PEO 2:   Graduates will identify the solutions for challenging societal issues using innovation and creativity.

PEO 3:   Graduates will implement their ideas practically to find the feasible solutions of research oriented problems.

Program Specific Outcomes (PSOs)

PSO 1: The ability to understand and apply knowledge of mathematics, system analysis & design, Data Modelling, Cloud Technology, and latest tools to develop computer-based solutions in the areas of system software, Multimedia, Web Applications, Big data analytics, IOT, Business Intelligence, and Networking systems.

PSO 2: The ability to understand the evolutionary changes in computing, apply standards and ethical practices in project development using the latest tools & Technologies to solve societal problems and meet the challenges of the future.

PSO 3: The ability to employ modern computing tools and platforms to be an entrepreneur, lifelong learning and higher studies.

Program Outcomes (POs)

PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

HOD's Message

Computer Engineering Department is one of the leading departments in Poornima college of Engineering providing high technology-oriented programmes to meet today's need of industries, department having highly qualified, experienced and dedicated teaching faculty to impart knowledge in various fields and technologies.

The Department also places emphasis on all the important aspects of computers such as Software Define Networks, Algorithm Design, Data Security, Internet of Things, Cloud Computing and many more. The Department also takes initiative like FACE classes, Boot Camp, Company sepecific training etc., to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition confidently.

Department has an excellent infrastructural and computing facilities and signed MOU with IBM, Infosys, Red hat Academy, Celebal Tech, FACE Academy to provides a conducive environment to promote academic and research excellence in the department. Above all, the entire teaching fraternity of the Department look forward to the holistic growth of the department.At the end, I congratulate all the placed students wishing them good luck for their future. I wish all the Students and Faculty a great academic career.

<div align="center">"Jai Jai Poornima Sansthan"</div>

<div align="right">Dr. Ajay Khunteta</div>

MULTIFARIOUS ACTIVITIES

S.No.	Full Name of the Activity	Date	Coordinator of Activity
1	Career Guidance on Attitude and self discipline	August 02, 2018	Dr Sonal Sharma Ms Ankita Jiyani
2	Celebration of Independence Day	August 15, 2018	PCE
3	Workshop on Machine Learning	August 16-17, 2018	Dr. Ajay Khunteta Mr Gaurav Sharma
4	Workshop on Python	August 20-21, 2018	Dr. Ajay Khunteta Ms Ankita Jiyani
5	Workshop on IOT	Aug. 31 to Sep. 01, 2018	Dr. Ajay Khunteta Mr Ashwdeep Singh
6	Celebration of Teachers' Day	September 05, 2018	Mr. Gaurav Sharma
7	Workshop of Amazon Web Services by CCA	September 09, 2018	Mr. Reena Sharma
8	Expert Lecture on Healthy living and Effective working	September 09, 2018	Mr Trilok Chand Saini Mr Ravi Kumar
9	Hindi Divas	September 14, 2018	Department
10	Celebration of Engineers' Day	September 15, 2018	Ms. Reena Sharma Mr. Gaurav Sharma
11	Workshop on JAVA	September 21, 2018	Dr. Ajay Khunteta Ms Salini Puri
12	Department Day	September 24, 2018	Dr. Sonal Sharma
13	Software testing Workshop	September 29, 2018	Mr Parchi Sharma
14	Workshop of Automation Testing (Selenium)	September 29, 2018	Dr. Ajay Khunteta Ms Richa Mehra

S.No.	Full Name of the Activity	Date	Coordinator of Activity
15	Annual Day KALANIDHI' 2018 & Prize distribution ceremony	October 02, 2018	Poornima Group
16	Workshop on Human Values and Ethics	November 02, 2018	Ms Richa Mehra Mr Amit Kumar Jha
17	3rd IEEE International Conference on Recent Advances & Innovation in Engineering ICRAIE-2018	November 23-25, 2018	Dr. Mahesh M. Bundele Dr. Ajay Khunteta
18	Republic Day	Janurary 26, 2019	Ms Archana Soni
19	Android Workshop	Janurary 22-23, 2019	Mr. Amitesh Kumar
20	Physical & Sports Activity	January 24, 2019	Mr.Sumit Kumar
21	Workshop on Machine learning	Janurary 18-19, 2019	Dr. Ajay Khunteta Dr Madan Lal Saini
22	Workshop on Machine learning	February 05-06, 2019	Ms Richa Mehra
23	Women Health Awareness Program	February 12, 2019	Dr Veena Yadav
24	International Women's Day Celebration	March 08, 2019	Mr Sanjay Kumar Gupta Mr Manish Kr Sharma
25	Expert Lecture on Leadership Soft Skills	March 09, 2019	Mr Sumit Kumar Mr Amitesh Kumar
26	One Day workshop on Fundamental on ML using Python	March 19, 2019	Dr Ashwini Kumar Mr Vikram Khandelwal
27	World Water Day	March 22, 2019	Mr Deepak Baberwal Mr Pradeep K. Natani
28	Workshop on Machine learning	April 04-06, 2019	Mr Vikram Khandelwal Ms Swati Paliwal
29	Workshop on Web technology Angular JS	April 04-06, 2019	Mr Atul Kumar Verma Mr Sumit Kumar
30	Yoga for better mental Health	April 06, 2019	Dr Veena Yadav Mr Deepraj Jangid
31	Three Day Workshop on Computer Vision using MLwith Python	April 08-10, 2019	Dr Ashwini Kumar Mr Ravindra Kumar Soni
32	Expert Lecture-- Importance Human Values in Life	April 12, 2019	Mr Prasant Hemrajani Dr Meenakshi Naval
33	Intenational Conference on AI (Advance & Applications) ICAIAA-2019	June 28-29, 2019	Dr. Mahesh M. Bundele

Workshop on "IoT" on August 31, 2018 – September 01, 2018:
The Department of Computer Engineering of PCE organized a 2 day workshop on "IoT" on August 31, 2018– September 01, 2018. The workshop was organized for III year students with the aim to provide hands on practice to the participants on Internet of Things.

Smart India Hackathon 2019 : Organized by MHRD, MIC and AICTE.

It was National Level Competition in which different organization/ministry proposes different problem statements. Students have to provide solution for different problem. The problems are based on both Software and Hardware. All over India from different colleges about 500+ teams are selected for different problem statements. The software edition results are announced and finale was held on 2nd and 3rd March 2019.The aim of this Hackathon was to encourage girls in field of Technology and Innovation. To get different perspective of student for their innovation and to provide zeal and enthusiasm in individual to work well for their project and provide companies a solution which can overcome their problems in required fields.When the Hackathon was about to start there was an introduction session held in morning on 2nd march and then coding start for different problem statements. There was two big companies members present one is Bridgestone (large tyre Manufacture Company) and Quick Heal (cyber security) .In midnight there was also an online interaction session with Sh Narendra Modi (our Prime Minister) to know about different innovation and to motivate the individuals.Our team name was CodeInjector and problem statement id was PJ1, which was about effectively writing YARA rules to detect malwares.

It was a good experience to interact with field members and to know and developed our product which can help the company and individual to work well and to resolve different problems which companies face.

Department Day Celebration, 2018:

The **Department of Computer Engineering** and **Department Information Technology** celebrated their **Department Day** jointly on **24th September, 2018 (Monday).**

The external guests from **Celebal Technologies, Jaipur** graced the occasion with their benign presence as Chief Guest: Mr. Anirudh Kala Co-Founder & Director, Chief Data Scientist, Celebal Technologies, Jaipur

And Guest of Honor: Mr. Shubham Sharma- Business Analyst, Celebal Technologies, Jaipur.

The complete programme was carried out as a student driven activity and the annual reports of both the departments CS & IT were presented by student representatives.

Key points of the speech of Mr. Anirudh Kala - Chief Guest

Mr. Anirudh Kala emphasized on the importance of the fields of Artificial Intelligence and Big Data. He said that Artificial Intelligence (AI) and Big Data are transforming the world around us. AI has the potential to improve things like healthcare, education, poverty and security. AI has positively impact society, business and culture on the order of magnitude of the Internet itself.

AI has the ability to quickly and more accurately identify signs of disease in medical images, like MRI, CT scans, ultrasound and x-rays and therefore allows faster diagnostic reducing the time patients wait for a diagnosis from weeks to mere hours and accelerating the introduction of treatment options.

He further advised students that today's time is the best time for Computer Science and IT engineers due to the technological advances taking place in the CS & IT fields. There are lots of chances to grow in these fields. He motivated students that they should create free accounts on MS Azure, AWS, IBM and similar cloud platforms and try to develop small apps using these platforms. He further urged that students should invest more time to learn new emerging technologies and try to do innovative things as various online learning platforms and resources as available today like MIT courseware, Coursera, MOOCs etc. He mentioned that the students of Poornima College of Engineering are consistently performing well as an intern and also as a professional employee in his company. He appreciated the technical presentations on Projects and Seminars delivered by the Final Year CS & IT students and also appreciated the efforts put in by the students to ca whole event of Department Day celebration carried out as a student driven activity. There were different technical, co-curricular and extra-curricular activities were organized such as best project presentations, best industrial training presentation, best innovative idea and various cultural performances by the students from I Year to IV Year.

ACHIEVEMENTS: FACULTY PUBLICATIONS & ACHIEVEMENTS

SCI/E-SCI/SCOPUS INDEXED JOURNALS

Author Name	Dr. Ajay Khunteta
Title of Paper	Catching energy efficient stable nodes in Ad-Hoc Networks
Journal Name	International Journal of Applied Engineering Research (SCOPUS)
Publication Year	2018
DOI Details	Volume 13, Number 5 ISSN 0973-4562

Author Name	Dr. Ajay Khunteta
Title of Paper	In Silico Methods to Predict Disease-Resistance Candidate Genes in Plants
Journal Name	Springer Nature (SCOPUS)
Publication Year	Jul-18
DOI Details	https://doi.org/10.1007/978-981-13-0347-0_5

Author Name   Dr. Sonal Sharma
Title of Paper   Logarithmic Spiral Based Local Search in Artificial Bee Colony Algorithm
Journal Name   Springer Nature (SCOPUS)
Publication Year Jan-19
DOI Details   https://doi.org/10.1007/978-3-030-05873-9_2

Author Name   Dr. Sonal Sharma
Title of Paper   Improved Gbest Artificial Bee Colony Algorithm for the constraints optimization problems
Journal Name   Evolutionary Intelligence (SCOPUS)
Publication Year Jan-19
DOI Details   Accepted for Publication in Evolutionary Intelligence Journal

REPUTED PEER REVIEWED INTERNATIONAL JOURNAL PUBLICATIONS

Author Name   Dr. Ajay Khunteta
Title of Paper   Design and Analysis of Search Algorithm With B-Tree and Commutative Key RSA for Dynamic Updation in Cloud Computing
Journal Name   International Journal of Current Advanced Research
Publication Year Jul-18
DOI Details   Volume 7; Issue 7 DOI: http://dx.doi.org/10.24327/ijcar.2018.14418.2613

Author Name   Dr. Ajay Khunteta
Title of Paper   Performance Evaluation of Detection Process of Emotions
Journal Name   International Journal of Engineering and Techniques
Publication Year Aug-18
DOI Details   Volume 4, Issue 4 ISSN: 2395-1303

Author Name   Dr. Ajay Khunteta
Title of Paper   Modified Algorithm for Malware Detection using Permission and User Review Analyis
Journal Name   International Journal For Technological Research In Engineering
Publication Year Jul-18
DOI Details   Volume 5, Issue 11, ISSN (Online): 2347 - 4718

NATIONAL CONFERENCE PUBLICATIONS (IN PROCEEDINGS)

Author Name   Manish Kumar Sharma
Title of Paper   Design & Anlaysis of SDN and NFV using IoT
Journal Name   Technovation 2019
Publication Year Feb-19
DOI Details   Poornima College of Engineering

LOW CARBON TECHNOLOGY

The world's biggest challenge is to deal with the significant risk to the global economy. Transitioning to a low-carbon economy is the only way to secure sustainable economic growth and prosperity for all. To achieve the net zero emissions as early as possible we need to transform our energy, industry, agriculture and forestry systems.An increasing number of businesses are joining large-scale, cross-sectoral partnerships to accelerate the deployment of low-carbon technology solutions and reduce their emissions. The solutions or initiatives to reduce low-carbon emissions can be Climate Smart Agriculture, Transforming Heavy Transport, E-mobility, etc. Climate Smart Agriculture is an approach for transforming agriculture under the new realities of climate change. Climate Smart Agriculture can be used to sustainably increase the productivity, enhance adaptation and reduces mitigation.Transforming Heavy Transport is another shared strategy for decarbonisation.

- Ishita Sharma
II year, CS

GREEN TECHNOLOGY

The most appealing grant to mankind by god is nature. Human live their life to show to others and ironically nature blossoms to give pleasure to humans.Nature plays an vital role in our life .We are living stress-full life where each one   of us is running in this race of survival to win whereas on other hand it's only nature which gives us composure.It is essential to conserve nature and so green technology is best way to do that.Green technology is a technology whose use is intended to mitigate or reverse the effects of human activity on the environment.WHAT WE NEED IS -"Sustainability – meeting the needs of society in ways that can continue indefinitely into the future without damaging or depleting natural resources. In short, meeting present needs without compromising the ability of future generations to meet their own needs."Green technology is the need of hour if we want to live more we need to adopt green technology.

The term environmental technologies is also used to describe a class of electronic devices that can promote sustainable management of resources.

- Harshita Banwani
PCE, CS II year,CS (B)

ELECTRONICS & COMMUNICATION ENGINEERING

VISION

To establish an acknowledged department of academics in the field of Electronics and Communication Engineering.

MISSION

To provide comprehensive technical education with the exposure of latest technology providing the learning environment for faculty members & students.

Dr. Garima Mathur
Head, Department of ECE
Poornima College of Engineering, Jaipur

About The Department

- The Electronics and Communications Department of engineering was established in the year 2003 with the intake capacity of 60 students, in 2006 the intake capacity increased to120 students and 60 students in the year 2010. Hence total 180 students (120 morning shift + 60 evening shift). The department is having highly qualified, dedicated and research oriented faculty members, also it offers M.Tech in VLSI design, Digital Communication with intake capacity of 18 students.

- The core academics are blended with necessary beyond the syllabus programs to give an extra edge to students, providing an ample scope for value based learning and result oriented inter disciplinary approach to students. In the field of Electronics Engineering, Engineers Design and Test Circuits that use the electromagnetic properties of electrical components such as resistors, capacitors, inductors, diodes and transistors to achieve a particular functionality. In designing an integrated circuit, electronics engineers first construct circuit schematics that specify the electrical components and describe the interconnections between them. When completed, VLSI engineers convert the schematics into actual layouts, which map the layers of various conductor and semiconductor materials needed to construct the circuit, for this purpose the department motivates the students to learn the beyond the syllabus programs and courses, since they are a part of electronics engineering.

- The department was accredited by the National Board of Accreditation (NBA) in the year 2009 followed by in the year 2015.Flourished laboratories (as per the guidelines provided by Rajasthan Technical University) have been provided to students for carrying out the practical's with a separate provision for research and development work . The department has two labs which have been supported by MODROBS grant of AICTE, New Delhi, they are:-

     Advancement in Wireless and Optical Fiber Lab

     Advance Antenna and Wireless Communication Lab

     Sense Nut IDE TOOL

- The department regularly conducts various seminars and workshops for the enhancement of practical skills of students. The workshops also include the seminars taken by the technical experts who are called to update the students as well as the faculty members of the department on a regular basis about the on-going scenarios in global competition. It is an initiative taken by the senior faculties for:-

- Introducing the students to the upcoming and advanced technology

- Demonstrating some of the new and innovative approaches through active participation by the students.

- On a regular basis activities are planned and executed on the department level to involve the students in some extra-curriculum schedules apart from their academics .Various placement oriented camps are organised for the students of III and IV year keeping in mind their placement scenario. Manifold activities have been organised recently in the department keeping in mind the objective 'by the students, for the students' to ensure the maximum and active participation of students in extra-curriculums.

- Similarly, a new initiative has been taken and implemented, that is, the Spoken Tutorial program, by IIT Bombay for the students of II and III year. The committee for reforms in technical education, has been constituted by the ministry of human resources and development(MHRD).The program consists of certain modules planned to be delivered through an educational platform(software/hardware) developed for this purpose.

- To enhance their qualification, competence and employability by enhancing skills up – graduation AICTE approved in situations under its employability enhancement training program.

- In March 2013, the IETE (Institution for Electronics and Telecommunication Engineers) was set up in Department of Electronics and Communication Engineering of Poornima College of Engineering.

- Workshops conducting for II and III Year students based on:

  Embedded System

  IoT

  5G

- The faculty and staff members have been provided with guidance for other activities apart from their regular teaching schedules .This includes research work in the fields of wireless communications, optical communications ,antennas ,embedded systems and VLSI . Publishing of the research papers, counseling and career guidance are the other activities in which the faculties are involved.

- The excellent placement record confirm the fact that the students of the department have excelled in their respective fields and this also provides an acumen for the large number of companies being visiting the department for recruitments.

- Faculty and staff members feel proud to congratulate all placed students of batch 2019.

Programme Educational Objectives

PEO1: The graduates will be competent enough to apply current knowledge and skill to solve problems of the society.

PEO2: The graduates will be capable of identifying, formulating, analyzing and creating engineering solutions using modern tools to develop novel products solutions.

PEO3: The graduates will be able to professional, lifelong learning skills, ethics, research skills and leadership for independent or team working within a group.

Programme Specific Outcomes

PSO1: Graduates possesses the ability to understand and apply basic knowledge of core Electronics & Communication Engineering for the benefit of society.

PSO2: Graduates will be proficient to apply electronic modern IT tools for the design and analysis of complex electronic systems in furtherance to research activities.

PSO3: The ability to be adaptable to the multidisciplinary nature at workplace, develop excellent Interpersonal Skills & Leadership qualities that benefits the individual & organization.

Programme Outcomes

PO 1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and receive clear instructions.

PO 11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in team, to manage projects and in multidisciplinary environments.

PO 12: Life-Long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

HOD's Message

You use silicon to make things smaller. Negative feedback makes your system stable

You work better when doped .You're straight same one's repel and opposite ones attract each other. You work cannot without Resistance. No matter how high our potential goes, you will always ground it.

It gives me a great pleasure to share with you the highlights of the engagements of our department of Electronics and Communication with Technical & Non-Technical fields. The Department of Electronics and Communication Engineering regularly organizes technical and non-technical events. Ever since its inception, the department has been the hub of academic excellence through some great teachers who laid a sound foundation as well as the cream of stu-dents of the region, which spread their wings all over the globe. Since, its inception, the department has been giving a great emphasis on the overall development and improvement of its students and staff.

Dr. Garima Mathur

ACHIEVEMENTS

Faculty Publications

Dr. Garima Mathur

- "An Overview of Smart Identity Cards for Educational Institutions" by Rupesh Acharya, Saroj Jakhar, Durgesh Kumar and Garima Mathur in Springer Nature Singapore Pte Ltd. 2019 V. Janyani et al. (eds.), Optical and Wireless Technologies, Lecture Notes in Electrical Engineering 546.

Dr. Anila Dhingra

- An overview of medical uses in Nano Technology Presented in Technovation 2019
- Artificial Intelligence in IoT Presented in Technovation 2019
- MIMO Technology : Challenges and Future Scope Presented in Technovation 2019
- Challenges in 5G technology Presented in Technovation 2019

Mr. Amit Kumar Jain

- Review on Secure Symmetric Authentication for RFID Tags Published in International Journal of Innovative Research in Technology, Volume 5 Issue 9 | ISSN: 2349-6002
- Secure Voting System in Mobile Network Presented in Technovation 2019
- Comparison of various mobile generation technologies Presented in Technovation 2019
- Optical pH Sensor in the Range of 0.5–6 Presented in Technovation 2019
- Fractal Robots Presented in Technovation 2019

Mrs. Manisha Kumawat

- Smart Power Grid Management System Presented in Technovation 2019

Mr. Tarun Mishra

- Review on Secure Symmetric Authentication for RFID Tags Published in International Journal of Innovative Research in Technology, Volume 5 Issue 9 | ISSN: 2349-6002
- A Review paper on Wi-Vi Technology Published in International journal of trend in scientific Research and development Volume-3/Issue-3/Issn:2456-6470

Mr. Durgesh Kumar

- "An Overview of Smart Identity Cards for Educational Institutions" by Rupesh Acharya, Saroj Jakhar, Durgesh Kumar and Garima Mathur in Springer Nature Singapore Pte Ltd. 2019 V. Janyani et al. (eds.), Optical and Wireless Technologies, Lecture Notes in Electrical Engineering 546.
- "Dispersion compensation for 40Gbps optical waveguide system by using FBG" by Mansee Sharma and Durgesh Kumar in 3rd ICRAIE 2018 (IEEE Record # 43534) organized by Poornima University, Poornima College of Engineering and MNIT, Jaipur

Faculty Achievements

- Published a book of Analog & Digital Communication for B. Tech IV Sem. as per new RTU Syllabus in coordination with Ashirwad Publication ISBN- 978-93-80343-22-8 by Mr. Tarun Mishra and Mr. Amit Kumar Jain
- Appreciated by Texas Instrumentation for Guidance and motivation for India Innovation Design Contest-2018

Student Participation

Name of Students	Year	Event Name	Venue	Date of Event	Award If Any
Sanjay Chouhan	III B	Tech Fest (Meshmerize zonal)	IIT, Bombay	Dec14-16, 2018	Third position
Shubham Singhal	III B	Tech Fest (Meshmerize zonal)	IIT, Bombay	Dec14-16, 2018	Third position
Nikhil Agrawal	II A	BITS Pilani Code	BITS Pilani	Oct 13, 2018	18 Rank
Pratiksha Sahu	II A	BITS Pilani Code	BITS Pilani	Oct 13, 2018	103 Rank
Pankaj Khangarot	II A	Great Aptitude Challenge 2	Talent	Nov 01, 2018	8 Rank

Participation List of Smart India Hackathon (Hardware) - 2019

S. No.	Team name	Title
1	TECHNIE	Irrigation is the artificial application of water to the land or soil. It is used to assist in the growing of agricultural crops.
2	The Excelsior	To make an automated smart storage hub with smart sensors operating wirelessly.
3	TECHNOVATION	Ambulance tracking system for 108 services.
4	Team creator	drone/robot based system for cleaning between tracks
5	TEENAGE MUTANTS	Emergency Traffic Light for Ambulance
6	The leader	Modern auto rickshaws
7	Ignites 65	Accident Detection And Alarm System
8	Tech Trans	Electrical Motor Vehicle
9	Technocrats 66	Water Uses And Yield Improvement
10	Maniackers 66	Cost Effective Carpet Braying System
11	Team ONE66	RFID Student Attendance System
12	Bit Lords	Smart Power Management System
13	Tech Tycoons67	Smart City
14	TITANS 23	EVM Machine
15	Tech Sparkelrs 66	Birth Death Registration Integration With Services
16	Water Savers	Water Efficient Air Cooler
17	Hungry Birds 66	Home Automation
18	Crazy Beginners	Android Based Student-Faculty Document Sharing System
19	PS4R	Automation of Ambulance
20	Hex Speak	Smart Dustbin
21	4STV	Smart Irrigation System
22	Team Rock 66	Home Security System
23	Innovative Minds	Smart Parking System

India Innovation Challenge Design Contest 2018

Texas instruments in collaboration with the Department of Science and Technology (DST) proudly announced India Innovation Challenge Design Contest 2018 anchored by NSRCEL, Indian Institute of Management, Bangalore (IIMB) and supported by MyGov. Many students of our department from III Year & II Year have participated in the IICDC 2018 contest along with their innovative ideas to qualify the first phase of the contest. The objective of this initiative of Texas Instruments was to invite all student innovators, thinkers and makers of the country to join the revolution, who have a dream to create something new, aspire to make a difference, contribute to India's success towards becoming an Innovation Hub.

Team No.	358657
Project Title	AUTOMATIC VEHICLE ACCIDENT DETECTION &MEASURING SYSTEM
Name of Participant	Mayank Mrinal, Pranjal Sharma

Team No.	363599
Project Title	ROADWAY SAFETY SYSTEM
Name of Participant	Isha Maheshwari, Kunika Saraswat, Mukta Bhargava, Anjali Mishra

Team No.	364452
Project Title	THEFT INTIMATION OF VEHICLE OVER SMS HOLDER
Name of Participant	Neha Chouhan, Anamika

Team No.	368385
Project Title	AUTOMATION OF AMBULANCE
Name of Participant	Ram Kinkar Das Triathi, Pushkar Raj Panday, Ritika Saini, Ruchika Sharma, Shefali

Team No.	372511
Project Title	ISRAL TECHNIQUE OF WATER CONSERVATION USING SMART SENSOR AND IOT TECHNOLOGY BASED SYSTEM
Name of Participant	Shreya Mathur, Shubham Agarwal, Gopesh Yadav, Prateek Kashyap

Team No.	372020
Project Title	HOME AUTOMATION
Name of Participant	Aditi Choudhary, Anchal Bohra, Adhaar Saxena

Team No.	375404
Project Title	SMART WATER
Name of Participant	Shreya Mathur, Sachin Jaiman, Yash Sharma, Yougendra Singh

Team No.	378012
Project Title	LAND OF AUTOMATION
Name of Participant	Miral Minda, Prachi Jain, Gaurav Sharma, Chinmay Jain

Team No.	373364	
Project Title	AUTOMATIC DRIVING CAR	
Name of Participant	Yukta Chauhan, Shivansh Sharma, Shubham Sharma, Rohit Sharma	

Team No.	380666	
Project Title	STEPS TOWARDS OF DEVELOPED NATION	
Name of Participant	Ravi Kumar Pokharna, Ritash Kumar Jain	

Team No.	385726	
Project Title	IOT BASED HOME AUTOMATION	
Name of Participant	Vikash Singh, Tarveen Kaur, Shubhali Raj, Vishnu Singh, Lakshay Kumar	

Chhatra Vishwakarma Awards 2018

All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Govt. of India, Engineering Council of India (ECI), and the Indian Society for Technical Education (ISTE), had jointly organised a competition "AICTE-ECI-ISTE Chhatra Vishwakarma Awards-2018" for the students of AICTE approved Degree & Diploma level Technical institutions. Team "Electro Infinity" of 3rd Year Shruti Jain, Vibha Beniwal, Tanay Purohit and Shubham Singhal had shortlisted for regional convention. The Project theme for the AICTE-ECI Chhatra Vishwakarma Awards 2018 was "Empowerment of Villages through Technologies".

MULTIFARIOUS ACTIVITIES

S.No.	Full Name of the Activity	Date	Coordinator of Activity
1	Celebration of Independence Day & Faculty Felicitation	August 15, 2018	Mr. Mukesh Chand
2	Add-on Course on Technical Writing with Latex and Zotero	Aug. 20 - Oct. 20, 2019	Mr. Vijendra Kumar Patel
3	Teachers Day Celebration	September 05, 2018	Mr. Ajmeet Singh
4	Hindi Diwas celebration	September 14, 2018	Mr. Mayank Sharma
5	Celebration of Engineers Day	September 15, 2018	Ms. Manju Mangtani
6	Manthan- Inter-college Debate Competition	September 15, 2018	Ms. Pooja Chowdhary
7	RTU (ATU)-TEQUIP-III Sponsored GATE Awareness Session for Students About the Career Opportunities	September 20, 2018	Dr. Garima Mathur Dr.Anila Dhingra
8	Department Day (PCE) at Arbuda Convention centre	September 25, 2018	Dr. Anila Dhingra
9	Department Day	October 12, 2018	Ms. Manisha Kumawat
10	Annual Day KALANIDHI' 2018 & Prize Distribution Ceremony	02 October, 2018	Ms. Monika Surana
11	Unity Day Celebration	October 31, 2018	Ms. Shikha Sharma
12	IETE Foundation Day	November 2, 2018	Mr. Ajmeet Singh
13	IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2018)	November 22-25, 2018	Dr. Anila Dhingra

IETE Innovators & Industrial Meet 2018, New Delhi

Praise to all the magnificent endeavours Department of Electronics & Communication put in building up their understudy& ability for this awesome nation. It peruses and inhales accomplishment, development; the mind boggling and uplifting, Project of Pranjal Sharma and Mayank Mrinal, understudies of III year, ECE, PCE, Jaipur.

The project idea was Arduino Based Radar System. It was all India level competition which comprises three teams from each state and selection of team was based on zonal level competition. The tremendous endeavours presented to them the chance to speak to their venture thought in the Grand Finale Curtain Raiser Event of IETE Innovators and Industrial Meet-2018 on 1, September, 2018 in the midst of recognized identities Prof. KTV Reddy, President IETE and Prof. P Prabhakar, Chairman IETE, New Delhi. It was the marvellous and inspiring experience for the students. Their project idea was appreciated and applauded & highlight the performance worldwide by grabbing certificates along with memento.

IBM Certification Ceremony

IBM stands for "International Business Machines" is a leader in IT products and services. The IBM training was conducted for forth year student from July 2017 to March 2018 on IBM CE-Application development & deployment. The students of the department Abinav Saxena, Vijay Prakash, Mohit kumar Bhargav, Arshi Nakra, Saloni Sharma, Binay Dadhich, Saloni Soni, Ashok Kumar Pahadiya, Shivani Kumawat, Pallavi Parwani, Shubham Pancholi, Harmeet Singh, Ishika Shaktawat, Amit Sharma, Yathansh Arora, Rishab Agarwal, Nikhil Bhankher, Ayushi Parashar, Neha Pareta, Shivali Panwar, Piyush Shekhawat & Ankul Gautam certified to successfully completed IBM software training under the carrier Education program in the Poornima College of Engineering, Jaipur. The IBM certificate play important role in placement activities for final year.

GATE Awareness session

In the present competitive scenario, to measure and test the caliber of engineeringstudents is possible through the GATE exam only. The purpose of the GATE exam is to test students knowledge and understanding of their under Graduate level subjects in Engineering and Science. The GATE score of a candidate reflects his relative performance level. The score is used for admissions to various post-graduate education programs in Indian higher education institutes, with financial assistance provided by MHRD and other government agencies. GATE scores are also being used by several Indian public sector undertakings (i.e., government-owned companies) for recruiting graduate engineers in entry-level positions.

CLUBS & ACTIVITIES

Writer's Voice Society:

Writer's Voice Society (WVS) is an independent organisation whose aim is to provide a platform to the ones who have such qualities in them, who have the thoughts the world needs to know. Writing is a talent, not everyone is blessed with it, so if there are some, then they need to be polished and they need to be explored. It is a platform where the thoughts meet the words, and words meet the souls. WVS is an organisation which has a vision to provide a perfect platform to all the creative minds by some responsible students of Poornima Foundation. WVS is Co-founded by Ramkinkar Das Tripathi & Pushkar Raj Pandey student of III Year.

Wise Activity

On the occasion of Teej festival, department of ECE & PCE Central library conducted an event "ARCHANA" under wise. A mehndi competition was organized by WISE club on Monday, 13thAugust 2018 at Reference section (Central Library). This event was coordinated by faculty coordinators Ms. Anila Dhingra (Assoc. Prof, ECE) and Mrs. Neema Shukla (Chief Librarian). There were a total of 26 participants. The event started with the lamp lighting ceremony by Dr. Shuchi Dave, Dr. Garima Mathur, Mrs. Sudha Jain, Mrs. Neema Shukla and Ms. Anila Dhingra for seeking the blessing of goddess Saraswati. After that mehndi competition was started. It continued for one and half hour. The girls participated with great zeal and enthusiasm. Ms. Shazia Haque (Assoc. Prof, IT) was the judge of the event. The result was announced by the honorable judge, in which Nistha Chandaliya of 2 yr EC stood winner, Prachi Mathur of EC 2 Year stood II and the winners were awarded with certificates.

Technovation Club

Technical knowledge is incomplete without practical exposure. Students of 3rd year Electronics and Communication department have taken an initiative to guide the students of 2nd year to increase their practical knowledge. The club is supervised by the able guidance of the 3rd year students who excel in Arduino and Embedded. They have guided approximately 40 students that shall be presented in the project exhibition. This would not only enhance their practical knowledge but also prosper team building skills.

ARTICLES

India's Part in the Green Revolution

In India major industrial private sector firms have formed an Alliance for an Energy Efficient Economy (AEEE), similar to the American Council for an Energy Efficient Economy (ACEEE). The alliance aims to save 2,000 MW of energy by 2012 by promoting energy efficient measures in both homes and businesses. The focus will be on the Information Technology (IT) industry where savings of 10 percent can be realized in three years.The AEEE is essentially an industry-led initiative which strives to create awareness and highlight issues involved in energy efficiency and carbon mitigation projects."AEEE brings together industry on a common platform to work with the government to reduce the energy intensity in the country and address climate change concerns," said Hema Hattangady, CEO of Conzerv, who led the initiative.Prime Minister Manmohan Singh of India and President Barack Obama have jointly launched a Green Partnership during the former's state visit in November 2009. This is expected to strengthen cooperation between the two nations on several climates and environment initiatives.India will form a National Environmental Protection Authority (NEPA) as a part of the initiatives. This aims to enhance the authority of Indian environmental agencies, improve public information and transparency, and demonstrate progress in environmental compliance and enforcement, thereby improving environmental quality for all Indian citizens.Infosys, the IT giant in India, aims to become a carbon neutral company by 2012. It involves investing in projects that remove carbon dioxide from the atmosphere and those that nullify the effects of carbon dioxide emissions generated through the company's normal business operations. Reducing the carbon footprint in all activities such as air travel, vehicle usage, air conditioning and even machinery and computers have become part of this endeavor.Also, India has in place an eco-labeling scheme called 'Ecomark' for identification of environmentally-friendly products. The mark, resembling an earthen pot, is awarded to consumer goods that meet environmental criteria, encompassing raw material extraction, manufacturing and disposal.

Mr. Manish Kumar Sharma
(Assistant Professor)

What is Green Technology?

As human lives are advancing constantly, the basic needs of human being are increasing tremendously as well. The human intrusion needs have altered the natural environment and arouses problems such as pollution, climate change and global warming. In order to get rid of these problems, Green Technology is introduces to recover the Earth back to a healthy state. Green Technology is a new technology that introduced to protect the Earth against environmental pollution. It plays an important role in conserving the natural resources and environment. Green technology is known environmental technology or clean technology as well. It produced energy to non-toxic cleaning products by using different methods and materials. Green Technology is introduced to reach five goals which are sustainability by satisfying the society's needs without damaging or depleting the availability of the resources for the future generations, "cradle to cradle" design by designing products that are reusable, source reduction by changing the amount of raw materials consumption and ways of production to reduce the waste products, innovation by developing new and alternative technologies and viability by creating economic activity such as new career that associated with technologies and products. Currently, green technology is developing in 5 majors areas which are energy, green building, environmentally preferred purchasing, green chemistry and green nanotechnology.

Amit Kumar Jain
Assistant Professor, ECE

Trump Trumped TPP: What lies ahead?

As expected, Donald Trump officially took the much awaited decision to withdraw the US from 12 -nations. The exit of the US from the TPP was one of the most significant decisions taken by Donald Trump.

The TPP deal which was negotiated by Barack Obama never got a formal approval from the Congress. But, this deal was supported by business entities. Then, it was considered as the primary economic pillar of Obama administration's shift towards his own Asia-Pivot Policy meant for Asia pacific region to counter China.TPP stands for Trans-Pacific Partnership. It is a hefty and complex agreement negotiated meticulously by 12 countries: the United States, Mexico, Peru, Canada and Chile in the Americas, and Japan, Vietnam, Australia, Malaysia, Vietnam, Brunei, Singapore, and New Zealand in the Asia-Pacific. All these countries comprise almost 40 percent of the world's gross domestic product. The main rationale for the deal for many negotiating members was to re-engage the United States as a trading partner, and balance what were sometimes one-sided trade relationships with China by collectively raising standards. The exit of the US from TPP would be beneficial for India as some of its provisions are not in the country's interest. TPP was supposed to re-write the trade rules, most of which were inimical to India's interests. The rise of China in this reason can cause some concerns to India. Following the formal exit of the United States from the Trans- Pacific Partnership (TPP), China is hoping to speed up the galvanization of two regional trade proposals the Free-Trade Agreement of the Asia-Pacific (FTAAP) and the Regional Comprehensive Economic Partnership (RCEP). Apart from it, several member countries expressed hope that the TPP could be salvaged after the US's decision left its future in serious jeopardy.

Khushboo Chhabra
(Final Year C)

Application Development for Efficient Brain Tumor Detection

Tumor is an uncontrolled growth of cells in any part of the body. The tumor is of different types and they have different characteristics and different treatment. Brain tumor one of the dangerous and life threatening disease, but can be operated if detected in the early stages. There is a need to implement an efficient and accurate method for detection of brain tumor along with its position and area in the MRI Images of the Brain. MRI scanned image is taken for the entire process as it will not affect the human body. Initially the image is subjected to pre-processing stage to remove the noises present and for image resizing.The present techniques used for the brain tumor detection are not so advanced in terms of technology. The MRI image of the brain is taken and it is analyzed manually by the doctor. The analysis may differ from doctor to doctor. Also the tumor cells can be confused with the normal brain cells. Then if any doubt arises regarding brain tumor, and then the brain cells of particular person are extracted for testing. This method is very risky process. Also this method is not free from errors and it is not automatic method.Therefore, we require developing a standard and automated procedure for detection of the brain tumor, wherein the MRI image is given as an input and all the detection steps are carried out. The result is displayed along with the position and stage of the tumor. The result is being sent automatically to the registered email id to avoid the errors and also to reduce the human intervention.

Abhinav Naveen
(Final Year A)

Green and Clean Technology

Green Technology is used to breathe life back into a damaged ecosystem. It is also referred to as environmental technology or clean technology. The main goal is to conserve nature, and to remedy the negative impact that humans have on it. With the increasing amount of waste together with the high development of the country, the high amount of waste needed to be treated properly in order to lower the impact to the environment. Waste to Energy through incineration is considered as the appropriated technology to convert green and clean energy from discard matters, especially for the waste that has the mixing composition and has not segregate its composition in the developing country. Therefore, it is essential to simulate its combustion process to see how much of electrical power that can be generated and purpose the appropriated technique in order to improve its efficiency. This green and clean energy recovery from waste could be used to reduce the using of fossil fuel in order to mitigate the emission of the greenhouse gas to atmosphere. It also purifies water. The scarcity of pure drinking water is a major concern. Through the use of various technologies a lot of campaigns have been successful in providing people with clean drinking water. It is also being used to breathe life into ecosystems that have sustained a lot of damage due to human involvement. Through the use of this technology tress are replanted, waste is managed and recycled.

Dr. Anila Dhingra
(Associate Professor)

Hyperloop

"Science is a magic that works"
-Kurt Vonnegut

Evolution and revolution in scientific arenas have always mesmerised people. This time, it is the new mode of transport called 'The Hyperloop'. Hyperloop is the first new major mode of invention in transportation in the arena of 100 years. The name Hyperloop was chosen because it would go in a loop and will be able to go at hypersonic speed. Virgin Hyper Loop Company,Hyperloop Transportation Technologies,Transpod, DGWhyperloop, Arrivo, Hardt Global Mobility, Hyper Chariot, Zeleros are some privately-held companies that are making this dream come into reality. Hyperloop is designed to be safe, energy efficient, and reliable. It will take us directly to the destination at speeds of up to 700 mph, above land or underground. Passengers or cargo are loaded into the Hyperloop vehicle and accelerate gradually via electric propulsion through a low-pressure tube. The vehicle floats above the track using magnetic levitation and glides at airline speeds for long distances due to ultra-low aerodynamic drag. Hyperloop systems will be built on columns or tunnelled below ground to avoid dangerous grade crossings and wildlife. It's fully autonomous and enclosed, eliminating pilot error and weather hazards.A growing global economy requires faster, cheaper, safer and more efficient transportation modes. Our roads, airports, and ports are congested and we're due for one, especially one that is ultra-fast, on-demand, direct, emission-free, energy efficient, quiet and has a smaller footprint than other high-speed transport modes. Hyperloop is additive to existing forms of transportation and will integrate seamlessly with the transport ecosystem. Hyperloop is different from other high speed trains. It's faster, as in two to three times faster than the fastest high-speed rail. It's on-demand and direct. Trains follow a schedule and typically have multiple stops. Hyperloop leaves when you're ready to go, and pods can depart up to several times per minute and can transport passengers and cargo direct to their destination with no stops along the way. It's environmentally friendly, with a smaller environmental impact, more efficient energy consumption and no direct emissions or noise. Therefore, the day is not far away when we Indians would be travelling miles with a blink of an eye.

Kalpana Sharma
(Asst. Professor)

DEPARTMENT OF ELECTRICAL ENGINEERING

The Earth Amplifiers

VISION

To be a model of excellence in Professional Education and Research by creating electrical engineers that are prepared for lifelong engagement in the rapidly changing fields and technologies with the ability to work in team.

MISSION

Provide a dynamic environment of Technical Education wherein students learn in collaboration with others to develop a disciplined and conceptual knowledge in the field of electrical engineering and become a good professional, researcher and lifelong learner.

Dr. Virendra Sangtani
Head, Department of Electrical Engineering
Poornima College of Engineering, Jaipur

About The Department

The Journey of Department of Electrical Engineering was started in year 2000 with Poornima College of Engineering, Jaipur. The department has its major share in the entire PF with the total intake of more than 600 students. We are providing all the amenities of infrastructure related to knowledge, research, experiments and training of multiple professions. The department comprises of 29 faculty members, technical officers and technical assistants. The department has organized various workshops, seminars, expert lectures in this session i.e. workshop on PLC SCADA, MATLAB, Renewable Energy, Industrial Automation, etc. The department of Electrical Engineering has renowned scholars as the faculty members for imparting knowledge. The department also organized industrial visits for each and every student of II year during even semester of the current session to BSNL Training Institute, VKI, Jaipur. The department has been taking initiatives for versatile enhancement of the students through technical, cultural and sports fests since the establishment. Most of our final year students have been placed in Infosys, Capgemini India Ltd., FACE, Gram Power, Adani Power, KSTPS, Pinnacle Infotech solutions, etc.

Programme Educational Objectives

PEO1: Graduates will have the ability to formulate, analyze and apply design process to solve electrical engineering problems.

PEO2: Graduates will have successful transition into a broad range of career options including industry, government, research and professional education as lifelong learner to compete with global environment.

PEO3: Graduates will exhibit dynamic communication and presentation skills with the quality of leadership, team management and time management.

PEO4: Graduates will exhibit social and professional responsibility with a commitment towards ethic, equity, public and environmental safety.

Programme Outcomes

PO 1: **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6: **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multi disciplinary settings.

PO 10: **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments.

PO 12: **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes

PSO1: Graduates possesses the ability to apply the recent trends and technologies in electrical engineering for the benefit of society.

PSO2: Graduates will be competent to apply fundamental skills of electrical, electronics and computer on practical grounds to meet the requirement of industries.

PSO3: To provide sound fundamental knowledge and niche skills to make students increasingly employable in the emerging areas of new power and energy systems, including solar power, renewable energy, electric and hydrogen powered vehicles, communication and networking solutions for the smart cities in India.

HOD's Message

I am delighted to pen this message and also happy to note that the "POORNIMA -WINNERS" for the session 2018-2019 brought out in our college is of good quality. Heartily congratulations to the editorial team. It is a matter of great pleasure for me to go through the wonderful contributions made by the students and faculty members of the department. This magazine is intended to bring out the hidden literary talents in the students and the teachers and to inculcate leadership skills among them. The outside world will come to know about the caliber of the students and the faculty through this magazine. Student creativity is a combination of art, science and engineering. It is an excellent opportunity for the students to express their talent in all dimensions. This Magazine would not have been possible without the enthusiastic and hard work of all student participants, volunteer, editors and the faculty advisor. I would like to express my appreciation to all of them, for their valuable contribution in assembling such a wonderful magazine. I congratulate everyone associated with us for their untiring efforts in making this magazine release a grand success.

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"JAI JAI POORNIMA SANSTHAN, JAI HIND"

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Dr. Virendra Sangtani

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MULTIFARIOUS ACTIVITIES

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➢ A Workshop on "Renewable energy" was conducted on August 24, 2018. Department of Electrical Engineering, Poornima College of Engineering, Jaipur organized an activity under the "POORNIMA ENERGY CLUB" on Aug 24, 2018 in senior secondary School Goner, Jaipur. The main objective of this s activity is to make the students acquainted with "Recent Energy Scenario, Energy saving and Aspects of Nonrenewable Energy".

➢ A Departmental workshop on "Placement Training" was conducted on 29-Aug-18. The training deals with topics like: Group Discussion; Professional Etiquette; Grooming Etiquette; Resume Writing; Interview Skills; Ways to handle Questions.

➢ A one day workshop on "How to crack Gate IES PSU" was conducted on 8-Sep-18.The Seminar began with a brief introduction of the resource faculty Mr. Amol Doiphode. The session began with a brief overview of the importance of competitive exams and how conceptual knowledge of students is important for attaining success at these exams.

➢ A one day workshop on "Lab view" on 26-Sep-18. In this course students learn: How to work with different Data Acquisitions in different protocols such as NIUSB 6009, Serial DAQ and Ethernet DAQ; How to work and launch different sensors; How to save data in Lab VIEW.; How to make houses, workplaces and environment smart.

➢ Teacher's Day was celebrated on 5-Sep-18.

➢ Alumni Interaction was conducted on 17-Sep-18. Mr. Manmeet Singh visited the campus and interacted with the students of 2nd, 3rd Year. The occasion started with the introduction of Mr. Manmeet Singh, he is Lieutenant in Army. He discussed about the role and responsibility of Indian army. He also discussed about bright carrier in Army.

➢ A Technical seminar on "Fundamentals of Lossless Image and Video coding" coordinated by Dr. Virendra Sangtani, Dr. Himani Goyal Sharna on 11-May-19 under the IEEE Student Chapter, Dr. Anil Kumar Tiwari, IIT Jodhpur was the guest of honor.

➢ A Special event on "Cleaning of Institutional Premises" coordinated by Dr. Virendra Sangtani on 2-Oct-18.Department of Electrical Engineering has successfully conducted the cleaning of institutional premises program on the occasion of 150th birth anniversary of Mahatma Gandhi on October 2, 2018. The students from II, III and IV year of the department has participated enthusiastically in this program.

Activity under ISLE Student Chapter Poornima College of Engineering, Jaipur:

Department of Electrical Engineering, Poornima College of Engineering, Jaipur organized an activity under the student chapter of "INDIAN SOCIETY OF LIGHTING ENGINEERS" (ISLE) on Aug 11, 2018.The main objective of this activity is to make the students and faculty members acquainted with "Energy Efficient Lighting System" and Initiate ISLE activities by opening student ISLE chapter in PCE.The occasion witnessed the presence of eminent speakers Dr. Om Prakash Sharma, Director, PCE, Dr.Prakash Barjatia ,Mr. R.S. Saxena, Chairman ISLE RSC, Dr. Roop Singh, Physician, Motivator, Dr. G.S. Charan, Secretary, ISLE, Dr.Manoj Gupta, Pro-President (I/C), PU, along with the faculty members of Department of Electrical Engineering, PCE. At the end he asked the young technocrats to serve humanity and promote sustainable energy resources. A technical session was conducted by Dr. Prakash Barjatia. He discussed with the students about "Sustainability of Electricity" and how can we conserve power and can save our future generation by utilizing renewable energy resources.

Three days workshop on Industrial solar system & Technology Support Infrastructure in Association with ISLE RAJASTHAN STUDENT CHAPTER Feb 6-8, 2019:

The ISLE Student chapter has been opened under Advanced Studies & Research centre of the Poornima College of engineering. The Indian Society of Lighting Engineers (ISLE) is a professional body in the field of illuminating engineering with a broad based membership of scientists, engineers, architects, academicians, researchers, designers and others interested in lighting issues. It is also a member of Lux Pacifica, a lighting body that represents 60% of the world's population. It is closely associated with the Bureau of Indian Standards, Bureau of Energy Efficiency, the Department of Science and Technology, the Ministry of Power, the Ministry of Non-Conventional Energy Sources and the Electrical Lamp and Component Manufacturers Association of India Executive Committees 2018– 2019 Session.

Smart India Hackathon 2019

MHRD, AICTE, i4c and Persistent Systems togetherly organised Smart India Hackathon (SIH) in New Delhi at the New Delhi Institute of Management during the 2 nd and 3 rd March 2019. It a non-stop product development competition and problem statements are posed to technology students for innovative solutions. Six of our EE III year students headed by Shubham Yadav were selected to present their idea of providing "A low cost, easy access health solution for rural masses in India", in the final round. Dr Babita Jain, Professor in the Department of EE, participated in the event as the mentor for the students. Mr Nitin Khandelwal (PCE Alumni) also joined the team as the second mentor. Such events provide a national level platform for innovative students to present their ideas and gain knowledge and experiences on the latest developments.

DEPARTMENT DAY CELEBRATION

Technovanza-2018

On 11 October Department Day of Electrical Engineering (Technovanza-2018) was celebrated at Arbuda Convention Hall. Best industrial training Presentation by Students of final year (Ashwini Sharma and Mayank Chimnani) followed by documentary on Hayagriva and debate competition by Mr. Anshuman, Mr. Siddharth Baswal, Ms. Nehal Sahu and Mr. Kshitij Sharma on "This House Believes That Reservation Privileges Deny Equality" then a beautiful standup comedy was presented by Mr. Nitish Chouhan. The Chief Guest Mr. B.N. Saini (Ex. Director, RRVPNL, Jaipur) was felicitated by Mr. M.K.M. Shah (Director Finance, PF). Our chief guest also motivated the students by his words of wisdom. Mayank Chimnani IV year presented Report of Department of Electrical Engineering. He discussed various Achievements and academic result of B.Tech. He also told about the various programs, groups, and activities which are running in department for the welfare students. Department Documentary by Mr. Madhup Singhal & Group was followed by Rajasthani Dance Performance by Nisha Saini & Megha Mishra, Startup Presentation by Mr. Awanish Mishra & Mr. Aamir Raza. Prize distribution by Chief Guest Mr. B. N. Saini, Ex. Director, RRVPNL, Jaipur and to winners of different categories. Mr. M.K.M. Shah, Director Finance, PF along with Dr. Mahesh Bundele, Director, PCE also distributed the certificates to ISLE students and then they visited Project & Technical Poster Exhibition. Students participated in those activities with fun and enjoyment & learning.

ARTICLES

Green Technologies

It was a hot summer night and I was waiting on the crossroads of the Delhi-Jaipur highway near Gurgaon eagerly waiting for my bus to come. Shockingly, I was frightened and horrified at the sight of hundreds of cars, busses and trucks leaving my visibility radar in just a matter of few seconds. Suddenly my heart jolted with pain, the very thought that swept my mind was… what about my children, their children and our future generations? Will there be any fuel left for them? Will the air pollution levels let our lungs stay healthy? And many other such worries….

But then suddenly the electrical engineer in me knocked my heart and said…. don't you worry, the renewable energy revolution has begun and growing leaps and bounds, leaving behind the problems arising due to the dearth of fossil fuels and paving way to the GREEN TECHNOLOGIES.

Green technologies will play a very significant role not only in the field of energy but will ascertain the building of a sustainable society. A society which can cater to its needs indefinitely into the future without damaging or depleting the natural resources. Such a society would therefore meet the present needs without compromising the ability of future generations to meet their own needs.The development of alternative fuels, new means of generating energy (solar, wind, hydel, bio-mass, geothermal, hybrid etc.) and energy efficiency are the major accomplishments of green technologies in the field of the energy needs round the world. The very concept of green building right from the selection of building materials stage is a very effective dimension of green technologies. The government initiatives for the environmentally friendly purchases are a very emphatic step in promoting green technologies. Green chemistry is one very crucial arena of green technologies striving to reduce or to eliminate the use and generation of hazardous substances in chemical products and processes. Green nanotechnology, inspired from green technologies promotes the application of green chemistry and green engineering principles to the transforming field of nanotechnology.

Dr Babita Jain
Professor, EE Department, PCE

Green Technologies

As human lives are advancing constantly, the basic need of human being are increasing tremendously as well. There arouses many problems such as pollution, climate change, global warming etc. In order to get rid of these problems, green technology is introduced to get the earth backin ahealthy state.

The term Green technology is also known as environmental technology and clean technology as well. Green technology is an innovative technology which helps to conserve the natural resource and the environment. It is an environmental or eco -friendly technology. The goal of this technology is to reduce global warming as well as greenhouse effect. One of the best-known examples of green technology is the solar cell. A solar cell directly converts light energy into electrical energy with the help of photovoltaic. Generating electricity from solar cell means less consumption of fossil fuels, reducing pollution. To conserve the natural resource we should take responsibility for the environment. Rethink the way we live, use energy, natural resources.

"Together we can make a difference for a better world……protect the world which in turn it will protect us."

Ms.Charul Chasta
(II year, EE)

DEPARTMENT OF INFORMATION TECHNOLOGY

The Information Miners

VISION
To evolve as a centre of excellence with wider recognition and to adapt the rapid innovation in the field of Information Technology.

MISSION
- To cater the concern with the theory, development and application of Information processing techniques.
- To educate our students with the fundamental concepts of computing discipline, and inculcate the knowledge of cutting edge technologies in field of Information Technology.
- To support the society through participation and transfer of advanced technology from one sector to another.

Mr. Amol Saxena
Head, Department of Information Technology
Poornima College of Engineering, Jaipur

About the Department

The Department of Information Technology was established in year 2001. The department is considered one of the vibrant departments of the college as far as results and placements are concerned. The study of Information Technology basically deals with application of computational technologies for storage, retrieval, transmission and manipulation of the information which is a processed data. Both software and hardware sectors are parts of Information Technology. Due to the importance and reputation of IT, the present age is sometimes referred to as information technology age. The Department caters to the current needs of undergraduate engineering program (B. Tech.) in Information Technology by providing state of art infrastructure. The Department aims to provide both theoretical as well as practical know-how to its students and make them employable and ready for industry intake. The department has produced excellent IT engineers who are serving in different reputed organizations and pursuing higher studies at institutes of excellence. The students of the department are exposed to hands on experiments in areas like data structures, object oriented systems, programming languages, DBMS, Computer Networks, Operating Systems, Analysis of Algorithms, Digital Hardware Design, data mining and warehousing, software testing and other field in Information Technology. The class lectures, laboratory experiments and student projects prepare the students for a career in software industry and for future post graduate studies. The department has very close interaction with local and national industries and their inputs are taken into consideration to give value additions to our programs such as seminars, projects, various workshops and training programs. Different syllabus and non-syllabus activities like projects, seminars, educational visits, expert lectures, technical workshops etc. are regularly organized by the department for continuous growth of its students.

Faculty members are engaged actively in research work in various focus areas of their interest like algorithms, databases and data mining, big data analytics, network security, artificial intelligence, IoT, SDN and publishing papers in National and International conferences and indexed journals. Students have also chosen their technical focus areas and building up their knowledge and expertise in that direction by attending relevant workshops, seminars, conferences and developing small projects under faculty guidance.

Finally, we congratulate 2019 batch students for achieving good placements in different renowned IT companies. We are confident that our students will be regarded as assets to the organizations they serve in future.

HOD's Message

I am extremely happy to bring out this message for our college magazine Poornima Winners released for the academic year 2018 – 2019. Reading this magazine would definitely be an inspiration and motivation for all students, faculty and staff to contribute even more to the forthcoming issues.The need for professionals with a background of Information Technology is always on the rise. The primary focus of the department is to empower our students with overall development and necessary skills to match academic and industry needs.

Department has well qualified faculty and state-of-the-art facilities to provide quality education to students that match global standards, truly an academic ambiance of excellence. The faculty members are encouraged to publish research papers in reputed journals, participate in Faculty Development Program and workshop through a well-supported system.As per college's vision plan the faculty members and the students are strengthening knowledge and skills in the direction of their technical focus areas by taking part in different technical activities like workshops, conferences etc. organized within and outside the college.

<center>I wish all the students a great academic and professional career.</center>

<div align="right">

Mr. Amol Saxena

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MULTIFARIOUS ACTIVITIES

S.No.	Full Name of the Activity	Date	Coordinator of Activity
1	Workshop on Web Development Phase - II	July 11-13, 2018	Ms. Sita Gupta
2	Professional Communication Session	August 20, 2018	Mr. Amol Saxena
3	Technical Quiz (SDA)	September 28, 2018	Ms. Shazia Haque
4	Department Day (PCE) at Arbuda Convention Centre	September 24, 2018	Mr. Amol Saxena
5	Alumni Interaction Sessions	October 8, 2018	Ms. Shazia Haque
6	'Code Mind' Competition (SDA)	October 10, 2018	Mr. Shirish Nagar
7	WISE Activity -Three Leg Race & Balloon, Dance Competition	October 11, 2018	Ms. Sita Gupta
8	IOT Application Development Using IBM BlueMix	August 8-9, 2018	Mr. Loveleen Kumar
9	Workshop on Python Programming	July 20-21, 2018	Mr. Loveleen Kumar
10	Workshop on Android/Cyber Security/ Project management Tool and Selenium/ Project Technologies	September 24-25, 2018	Mr. Amol Saxena
11	Workshop on Machine Learning	January 18-19, 2019	Mr. Shirish Nagar
12	Mock Interview	February 18, 2019	Mr. Raj Anand
13	Alumni Interaction Session	February 22, 2019	Ms. Shazia Haque
14	Codemind	March 27, 2019	Mr. Shirish Nagar
15	Session on Professional Communication	March 29, 2019	Mr. Amol Saxena

A TwoDay workshop on "Python Programming" : Workshop was organized for III Year students on 20th& 21st July, 2018 by Department Information Technology.The workshop was conducted by external training agency– C-DAC ATC NetCom, Sitapura, Jaipur and the training was delivered by Mr. Lalit Matoliya, Corporate Trainer C-DAC ATC NetCom, Sitapura, Jaipur.The workshop started with the welcome note and briefing of the 2-day program by Mr. Amol Saxena HoD-IT.Dr. Om Prakash Sharma, Director PCE emphasized the importance of learning new technologies and tools for the student and vast scope of Python programming language.

Workshop on "Source Code Management with GIT": A 3-Hoursworkshop on "Source Code Management with GIT" was organized for III Year and IV Year students on 2nd August, 2018. The aim of the workshop was to aware students about Git – A Source Code Management System which is very important from project (source code) management perspective. Git is an open source version control software system. This allows more than one person to safely work on the same project without interfering with each other.
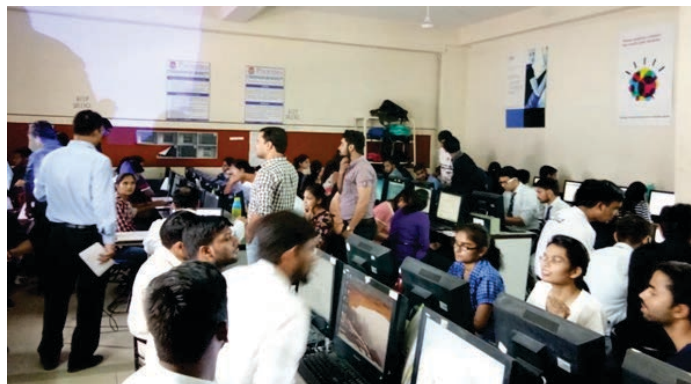
Workshop on "Machine Learning": Two-Day workshop on Machine Learning was organized for III Year (IT) students on 18th& 19th January, 2019.The aim of the workshop was to enhance the knowledge and skills of the participants on Machine Leaning covering platform, tools and technologies required for ML based solution development. The workshop was conducted by Mr. Yogendra Singh, Co-Founder – Forsk Technologies, Jaipur,

Workshop on "Advance JAVA" : The workshop was organized on 25th& 26th February, 2019.The session was conducted by Mr. Rakesh Kumar Pandit, who is an expert trainer of JAVA (Core, Advanced) as well as net along with Windows and Android Apps Development and Training. Java is a pre-requisite for learning latest technologies like Android and Big Data. The objective of this workshop was to provide the ability to design console based, GUI based and web based applications. Dr. Mahesh Bundele, Principal & Director-PCE highlighted the importance of web technologies and enterprise applications in his motivational address in the inaugural part the workshop.

Session on "Basics of Python Programming: The Department organized an introductory session for II Year students of IT & CS Department on "Basics of Python Programming" on 23rd February, 2019. The session was aimed to introduce II Year students to the working of Python programming, debugging and use of Python in everyday tasks. The session was conducted by Mr. Ashwani Singla Technical Expert from IIHT, Durgapura, Jaipur.

Faculty Participation & Achievements

Mr. Shirish Nagar participated in a 3 day National Workshop on "5G and Software Defined Networking" organized at Manipal University Jaipur, from 16th to 18th January 2019. The Workshop was delivered by Prof. Madhusanka Liyanage(Centre of Wireless Communications, University of Oulu, Finland).

Six faculty members of Department of IT attended NPTEL online courses during Jan-2019 to April-2019. The detail of courses is given below.

Sr. No.	Name of Faculty	Name of NPTEL Course	Course Start Date	Course End Date
1	Amol Saxena	Data Mining	25-02-2019	19-04-2019
2	Shazia Haque	Joy of computing using Python	28-01-2019	19-04-2019
3	Saurabh Anand	Principles of Comm. Systems – I	28-01-2019	19-04-2019
4	Shirish Nagar	Machine Learning	25-02-2019	19-04-2019
5	Dinesh Chand Gupta	Digital Electronic Circuits	28-01-2019	19-04-2019
6	Sita Gupta	Joy of computing using Python	28-01-2019	19-04-2019

Student Achievements

- Sanju Solanki and Vinny Banshiwal secured first position in Model Making on the topic ' E-Mail spam Filtering using Machine Learning.
- Pradeep Suthar and Pratik Chauhan participated and developed a model on the topic 'Coffee Café System.
- Prabhav Jain and Siddharth Jain participated and developed a model on the topic Blood Donor

List of Publications (Faculty & Students)

Name of Authors	:	Kshitij Shukla and Sita Gupta
Paper Title	:	A review on Recurrent Convolutional Neural Network for Visual Recognition
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Aparna Tyagi and Sita Gupta
Paper Title	:	A review paper on the future direction of agile and business intelligence
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Ritu Jain and Shazia Haque
Paper Title	:	A Review on Cryptanalysis Of DES-16 using Binary Firefly Algorithm
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Shubham Jain and Shazia Haque
Paper Title	:	A review on machine learning in the health care
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Tushar Gupta and Shazia Haque
Paper Title	:	A Review paper on Fast Rule-Based Prediction of Data Streams using Associative Classifications Mining
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Nishit Patni and Sita Gupta
Paper Title	:	Review on DBaaS Security Model
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Ankita Rao and Saurabh Anand
Paper Title	:	A Review on Contribution of Business Intelligence in Educational Field
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Kamini Chaudhary and Sita Gupta
Paper Title	:	Cryptocurrency and Payment Systems for Opportunistic Data Services
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Pooja Sharma and Amol Saxena
Paper Title	:	A comparative analysis on Regression Models for Stock Market price Prediction
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Pradeep Gupta and Saurabh Anand
Paper Title	:	A Review on Humanoid Robots Like Sophia
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Priyansh Dubey and Dinesh Chand Gupta
Paper Title	:	A Review paper on Design of Modified AES Algorithm for Data Security
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Rahul Sharma and Dinesh Chand Gupta
Paper Title	:	Search engine optimization for E- commerce
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Vijaya Nandwana and Shazia Haque
Paper Title	:	A Review on Big Data Analysis in Cloud Environment Using Apache Hadoop
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Daksha Biyani
Paper Title	:	Instant payment and latent transactions on the Ethereum Blockchain
Name of Conference/Journal/Paper Contest	:	Student Technical Paper and Model Contests Technovation-2019
Venue of Conference/Paper Contest	:	Poornima College of Engineering

Name of Authors	:	Nupur Sinha
Paper Title	:	Implementation of Data Mining Algorithm on Student's Data using Rapid Miner
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	S.Rajshree and shirish Nagar
Paper Title	:	Review on Contemporary Key Management Techniques in Information Security
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Shaily Rani and Shazia Haque
Paper Title	:	A Review on Privacy Using Smart Devices
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Sharmila Kumari and Amol Saxena
Paper Title	:	The rise of Smart Personal Assistants
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Shreyanshi Jain and Sita Gupta
Paper Title	:	A Review onGraphical Password Authentication
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Suman Kanwar and Sita Gupta
Paper Title	:	Learning to Generate 3 D Stylized Character Expressions Using Human Expressions
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Krati Sogani and Dinesh Chand Gupta
Paper Title	:	Review on Smart City Using Internet of Things
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Raunak Tiwari and Saurabh Anand
Paper Title	:	Near Field Communication Cashless Transaction through Smart phones
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Shakshi R. Agrawal and Shirish Nagar
Paper Title	:	A Review On Contemporary Network Intrusion Detection Systems and Algorithms
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Prakshi Agrawal and Ms. Shazia Haque
Paper Title	:	A Review on Crop Selection Using Machine Learning
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Shruti Singh
Paper Title	:	Performance of the ETL processes in terms of volume and velocity in the cloud: state of the art
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Name of Authors	:	Prachi Gupta, Shirish Nagar
Paper Title	:	A Review on Implementation and Applications of OpenFlow Network Protocol in Software Defined Networking
Name of Conference/Journal/Paper Contest	:	National Conference on Recent Innovations in Computer Science Engineering (NCRICSE-2019)
Venue of Conference/Paper Contest	:	Poornima Group of Institutions

Projects Carried out by Final Year IT Students in Session 2018-19

1. A project entitled 'SMART HOME POWER MANAGEMENT' based on MACHINE LEARNING, IOT, PYTHON 3.0, DJANGO, SPYDER, RASPBERRY PI was carried out by KSHITIJ SHUKLA, NISHIT PATNI & SHUBHAM JAIN. The project is a Smart home device system consisting of electronic devices (LEDs and sensors) interconnected to each other through internet. There is a web-based dashboard provided to end user to control the complete system. The system learns the user behaviour so as to recommend and reduce human intervention. Arduino Uno and Raspberry Pi are used to interconnect with Cloud based centralized database. Registered users can access all their devices from the web portal.

2. A project entitled 'POORNIMA PAYMENTS' based on ANDROID, FIREBASE was carried out by ADITYA LAXKAR & TUSHAR GUPTA. Poornima Payment is a E-wallet and E-payment system which allows the students and faculty members of Poornima Group to make payments to canteen and transfer money by adding money to the wallet. The application maintains a user profile after the registration of user. It also provides an E-mail confirmation of the payment made. The system is also scalable to provide online promotions and rewards.

3. A Project entitled 'MUSIC GENERATION USING RBM AND TENSOR FLOW' based on PYTHON 3.0, TENSOR FLOW, NUMPY was carried out by SUMAN KANWAR, RAUNAK TIWARI & HARSHIT JINDAL. This project evolves the generation of music by training the Restricted Boltzmann Machine model using Tensor Flow on a set of homogenous instrumental music. The algorithm combines most repeating and frequent notes from dataset of music comprising of MIDI files. The machine learning algorithm used is able to model the melodic repetition that is found in almost all kinds of songs. The application generates new piano music.

4. A project entitled APARTMENT SEARCH APPLICATION based on PYTHON 3.0, MACHINE LEARNING, FLASK was carried out by BANTEE KUMAR, SALONI GUPTA & SURABHI MOURYA. The project aims to predict the price of different apartments according to the user requirements. It generates a bar graph plot and a report based on data from other localities. The model employs text categorization through a machine learning algorithm. Downloads datasets from other web resources for its prediction. Its modules include Web Scrapping, Data pre-processing and apply machine learning algorithm for prediction,

5. A project entitled 'SMART FARMING' based on RASPEBERRY PI, PYTHON 3.0, DHT & WATER LEVEL SENSOR was carried out by PRAKSHI AGARWAL & RANI KUMARI. Smart Farming is an IoT and Machine learning based application to automate the water supply system. The project employs DHT and Water level sensors to sense the temperature and humidity of the soil. The engine will turn-on automatically

when temperature $>50°$ C and water-level <500 mm. It creates a SQL database with parameters like temperature and humidity to perform machine learning and make predictions on the turning-on / off the pump for water supply to the farms.

6. A Project entitled 'FACULTY ROUTINE SCHEDULING' based on DJANGO, PYTHON 3.0 HTML, CSS, BOOTSTRAP technology was carried out by BHAVESH SONI. Faculty Routine schedule is a web based application developed in Python which maintains the schedule of the faculty members by monitoring the completion of the academic syllabus. It also offers search functionality for a faculty for a particular subject regarding replacements and special lectures. HOD will be able to check faculty details, and regulate the routine by making specific changes

CLUBS & ACTIVITIES

Aptitude Club: Under this club mock practice aptitude tests are conducted to prepare students for aptitude round of placement drives. The tests are conducted by student coordinators under the guidance of faculty member. The aptitude test consists of questions based on Quantitative Aptitude, Logical Reasoning, Verbal Ability, Data Interpretation etc. Students also share their knowledge about solving questions with short cut tricks with other fellow students. The aptitude tests are conducted in both online and offline (paper-pen) mode.

Faculty In-charge: Saurabh Anand

Student Coordinator: Nandini Shah, Anshul Singh Chouhan and Amulya Jain

Programming Club (Codemind): Under this club programming challenges are conducted to improve students' programming skills which are very important for placement point of view. To conduct programming competitions various online platforms are used like HackerRank, HackerEarth etc.

Faculty In-charge: Shirish Nagar

Student Coordinators: - Roushan Verma, Aman Pareek & Rohit, Kartik Agrawal

Activities :

1. Code Mind Programming contest was conducted as an activity of Programming Club through Hacker Rank online coding platform for students of III and II year respectively on 24th and 29th August 2018 respectively.

2. Aptitude Test was conducted as activity of Aptitude Club through Testyou.in online test platform for III year students on 1st September 2018 and for II year students on 28th September 2018.

3. Codemind was conducted for III year on 11th January, 2019. Students appeared in this Offline programming challenge using Turbo C++ Editor with two Programming Questions from IT Company Placement drives based on Strings and Arrays

4. Codemind-I was conducted for II year on 12th January, 2019.

5. Codemind-II was conducted for II year on 25th March, 2019. Students appeared in this online programming challenge using Hackerrank Tool (www.hackerrank.com) .

IBM Career Education Programs: PCE is running the following three value added IBM software technology programs under IBM Career Education Program to develop required industry needed skills in students on emerging areas of IBM software technologies.

IBM

POORNIMA JIET
EDUCATION FOUNDATION

Opportunity for Value Added Courses under IBM Career Education Program:
Big Data Analytics Lab
Cloud Computing Lab
Internet of Things (IoT) Lab

ARTICLES

Machine Learning

Machine learning (ML) is the scientific study of algorithms and statistical models that computer systems use to effectively perform a specific task without using explicit instructions, relying on patterns and inference instead. Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience. Machine learning has several very practical application like banks and other businesses in the financial industry, government agencies such as public safety and utilities, health care industry use machine learning technology. Machine learning tasks are classified into several broad categories. Supervised machine learning algorithms can apply what has been learned in the past to new data using labeled examples to predict future events. In contrast, unsupervised machine learning algorithms are used when the information used to train is neither classified nor labeled. Others are semi supervised and reinforcement methods.

Lovely Jain (IV Sem. Year-IT)

Future of Robotics

Numerous companies are working on consumer robots that can navigate their surroundings, recognize common objects, and perform simple chores without expert custom installation. Perhaps about the year 2020 the process will have produced the first broadly competent "universal robots" with lizard like minds that can be programmed for almost any routine chore. With anticipated increases in computing power, by 2030 second-generation robots with trainable mouse like minds may become possible. Besides application programs, these robots may host a suite of software "conditioning modules" that generate positive- and negative-reinforcement signals in predefined circumstances.Psychological factors, applied to humans and other robots, would include goals, beliefs, feelings, and preferences. The simulation would track external events and would tune its models to keep them faithful to reality. This should let a robot learn by imitation and afford it a kind of consciousness . By the middle of the 21st century, fourth-generation robots may exist with humanlike mental power able to abstract and generalize. Researchers hope that such machines will result from melding powerful reasoning programs to third-generation machines. Properly educated, fourth-generation robots are likely to become intellectually formidable .

Aadit Pathak (IV Sem. –IT)

DEPARTMENT OF MECHANICAL ENGINEERING

We Mech the World

VISION

To fulfill the needs of all stake holders providing the skilled technocrats through the Quality Education & Innovations promoting the research and development in the field of Mechanical Engineering globally.

MISSION

- To provide quality education in the field of Mechanical Engineering through the learning of ethics to its students
- To create sound technocrats in professional engineering leading them towards growth and development promoting the academic, research & development
- To showcase adaptability in fields of technical knowledge through the academic infrastructure based on state of the art along with industry based training

Mr. Shailendra Kasera
Head, Department of ME
Poornima College of Engineering, Jaipur

About the Department

The Department of Mechanical Engineering of PCE came into existence in the year 2004 with an alignment of the department's evolution with key events and technological advances for the betterment of society and nation. At present, it has the intake of 120 students providing all the amenities of infrastructure related to knowledge, research, experiments and training of multiple professions. The Department of Mechanical Engineering has renowned scholars and faculty members. Mechanical department comprise 29 Faculty Members and 8 Technical Assistants. Both the students and faculty members have vowed to leave no stone unturned. Students of mechanical department are showing impeccable performance. 89 students got selected in various companies i.e. Pinnacle Infotech Solution, Infosys, Diffusion Engineers Limited, Koide India Pvt Ltd etc. Students have designed and fabricated Hybrid vehicle Hayagriva- a formula-4 racing car, Go-Kart and Quad-bike under the SAE club. In the current session, the department organized the SAE Convention in association with SAE Northern Section on Mar 9, 2019. Similarly, one day seminar on Advances in HVAC Industry was organized in association with ASHRAE and ISHRAE on Mar 9, 2019. Earlier, the department conducted various conferences, workshops, seminars, expert talks and presentations on topics Advances in Refrigeration & Energy System, Sustainable and Energy Efficient Building, Robotics, One Week Workshop on Fluid Mechanics conducted by IIT KGP, One Week Workshop on Thermodynamics conducted by IIT Bombay, Expert lectures by Mr. Jim Vallort, Mr. E. Mitchell Swann, Mr. Hoy Bohanan, Dr. DL Khalil, Victor Goldsmith, Dr. Om Taneja and from professors of various IIT's and NIT's for the benefit of students. Faculty members are publishing their research & review papers in SCI and Scopus indexed Journals and various International & National Conferences.

Program Specific Outcomes (PSOs)

- Design, analyze and innovate solutions to technical issues in Thermal, Production and Design Engineering.
- Exhibit the knowledge and skills in the field of Mechanical & Allied engineering concepts.
- Apply the knowledge of skills in HVAC&R and Automobile engineering.

Programme Educational Objectives (PEOs)

PEO1- Graduates will have good fundamental knowledge of Mathematics, Science and Engineering with an ability of analyzing, designing, innovating and developing the products with practical implementation in the industry.

PEO-2 Graduates will be competitive enough with ethical behavior, communication skills and leadership qualities to promote the successful professional career working as a team.

PEO-3 Graduates will have excellence multi-disciplinary approach being entrepreneur through the holistic environment inculcating an aptitude for research and lifelong learning.

Programme Outcomes (POs)

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

DEPARTMENT DAY

Department of Mechanical Engineering, PCE celebrated the Department Day on 25th Sep 2018 at Arbuda Convention Center. In order to provide more number of opportunities to participate & perform in various activities for overall development of the students, it is decided to celebrate the Department Day. This gives the department, an opportunity to showcase its achievements and bring feeling of togetherness and team working.

The management of Poornima group grace the program with their esteem presence along with the faculty members of department of Mechanical Engineering of PCE & PGI are - Mr. M.K.M. Shah, Director (Admin. & Finance) PG, Chief Guest:- Mr. Vivek Matange (HR Head, BOSCH India Ltd, Jaipur), Dr. Mahesh Bundele, Director, PCE, Mr. Pankal Dhemla, Vice Principal, PCE, Mr. Shailendra Kasera, HOD, ME, PCE, Mr. Ashwini Kapoor, HOD, ME, PGI.It was coordinated by Ms. Asha Kumawat, Asst Prof, ME, PCE & Mr. Sanjay Kumawat (Dy.HOD, ME, PCE) with Students coordinators Mr. Suraj Chaudhery (III-ME), Mr. Tosif Ahmed (III-ME). The Program divided into three sessions Technical & extra Curricular, Inaugural and Cultural. Technical / Extra Curricular / Cultural Activities include events like technical presentations, poster competition, quiz competition, dance (solo & group), songs (solo & group), SKIT, and Poetry. Mr. Puneet Suthar & Mr. Saket Varma (IV-PCE) presented Brief report on department of Mechanical Engineering. Mr. Saket started his presentation with the establishment (in year of 2014) of Mechanical Engineering Department. They showcase the up growing results and placements of department. Mr. Saket in his presentation focused on some important factors responsible for the growth of department i.e. ASHRE/ISHRE, QEEE, Placement Activities, GATE Selection, skill development programs, industrial visits, lectures by dignitaries, internship training, conferences/ paper publication by faculty members, and PMEPI. They also showed commendable results of projects done by students under the guidance of faculty members like Hayagriva -Won Three Prizes -Go Green Award, People Choice Award worth Rs. 10000, Best Design Award worth Rs. 10000. Rooster (The Walking Life Form)- Won Three Prizes- Best Innovative Idea worth Rs. 5000/-Go E Award worth Rs. 4000/-, Best Project under Renewable Source of Energy worth 5000/- .Solar Photovoltaic Refrigerator - ASHRAE has approved $5000 for Performance analysis of solar operated milk refrigerator using hybrid Nanomaterial, Procurement of DC compressor from Secop China, Generated IEC certificate ,Fund will be received by July 2017. Portable Air Conditioner with Water Cooled Condenser-ISHRAE Grant received of Rs. 28000/- for student project. Mr. Saket and Puneet also mentioned about the International Go Kart Championship 2018 held at RKDF University Bhopal. It was organized by Immortal Motors. Students have won following prizes –Best Endurance Award of worth Rs. 35000/-, First Endurance Award, Best Quality Award of worth Rs. 5000/-, 2nd Best Faculty Advisor Award.The program definitely showcases team work, management and hidden talent of students of mechanical department of PCE & PGI.

MULTIFARIOUS ACTIVITIES

S.No.	Full Name of the Activity	Date	Coordinator of Activity
1	An alumni interaction to the alumnus Mr. Rakesh Rajoria	April 24, 2018	Mr Sanjay Kumawat Mr. Naval Kishore Jain
2	Visit- CIPET, JAIPUR	July 10, 2018	Dr. Aruna Kumar Behura
3	Seminar on Green Building	September 3, 2018	Mr. Shailendra Kasera
4	Celebration of Engineers Day	September 15, 2018	Mr. Ratnesh K. Sharma
5	Celebration of Vishwakarma Jayanti	September 17, 2018	Mrs. Asha Kumawat
6	Department Day-2018	September 25, 2018	Mr. Ashwani Kapoor
7	Seminar on Matrix on Artificial Intelligence	January 16, 2019	Mrs. Asha Kumawat
8	Seminar on Product Design Cycle	January 25, 2019	Mrs. Asha Kumawat
9	An alumni interaction to the alumnus Mr. Setu Sharma	February 23, 2019	Mr Sanjay Kumawat Mr. Prashant Mishra
10	Seminar on Robotics on Virtual Platform	February 26, 2019	Mrs. Asha Kumawat
11	An alumni interaction to the alumnus Mr. Love Chaturvedi	March 22, 2019	Mr. Abhishek Kumar Mr Sanjay Kumawat
12	Non Syllabus Project (NSP) Exhibition	March 30, 2019	Dr. Deepak Kumar Jana Mr. Shailendra Kasera
13	SAE Convention	April 9, 2019	Mr. Shailendra Kasera
14	Myth and Reality about Commercial Kitchen Ventilationc-4	April 27, 2019	Mr. Nitin Mukesh Mathur Mr. Shailendra Kasera
15	A Social program to distribute food and clothes to street child, HELPING HAND TO STREET CHILD	September 29, 2019	Mrs. Asha Kumawat

Industrial Visit- EICHER ENGINES & NTF Pvt. Ltd.: Department of Mechanical Engineering PCE organized a one day Industrial tour for the students of B. Tech.IIIrd year on August 6, 2018 at Eicher Engines (Tafe Motors & Tractors Ltd) Alwar, and NTF India Pvt Ltd, Nimrana. The purpose of industrial visit for students was to understand the gap between the theoretical and practical knowledge. Mrs. Asha Kumawat (Assistant Professor, ME-PCE) & Mr. Pravin Tyagi (Assistant Professor, ME-PCE) guided the students in the visit. The students got the information and practical knowledge about pumps, motors, designing of chambers etc. Students got the knowledge about testing of induction motors. It was an enlivening experience..

STUDENT BRANCH ADVISOR OF THE YEAR AWARD

Name of Student Branch : Poornima College of Engineering Student Branch
Student Branch Advisor (SBA) : Shailendra Kasera
Membership No : 8124063
Society Year : 2018-19

Technical Talk: Department of Mechanical Engineering, Poornima College of Engineering (PCE), Jaipur and ASHRAE Jaipur Section organized a Technical Talk on Myth and Reality about Commercial Kitchen Ventilation on Saturday i.e. April 27, 2019 in association with ISHRAE. The occasion witnessed the presence of Mr. KD Singh, Managing Director, Aircon Engineers Pvt Ltd, Dr. Mahesh Bundele, Director, PCE, Mr Amit Kakkar, Additional Chief Engineer, PWD & Mr. Shailesh Verma, Regional Director, ISHRAE. Thirty participants of ASHRAE and ISHRAE along with the faculty members of PCE & JECRC College attended the technical talk. On this occasion; Memorandum of Understanding (MOU) was

signed between the Poornima College of Engineering, Jaipur and Aircon Engineers Pvt. Ltd., New Delhi. Aircon Engineers Pvt. Ltd. was founded on December 8th, 1989 by a group of entrepreneurs with rich and varied experience in the HVAC industry. It is one of the rapidly growing solutions providing organization in the field of Heating Ventilation and Air Conditioning (HVAC).Both the Parties i.e. PCE and Aircon Engineers Pvt. Ltd. believe that collaboration and co-operation between themselves will promote more effective use of their resources, and provide enhanced opportunities.

Seminar on ADVANCES IN HVAC INDUSTRY: Department of Mechanical Engineering, PCE organized a seminar on Green Building on Monday i.e. September 3, 2018 in association with American Society of Heating, Refrigerating and AIR-Conditioning Engineers (ASHRAE).The speakers of the seminars were Mr.Harsh Vardhan Ajmera, Project Engineer, Kamal Cogent Energy, Ms. Mubashshira Sadiq and Ms. Vertika Pandey Jaipur expresses his views about water efficiency that water is also

one of the factor, need to reserve. Water is essential for human life; in fact, it can be considered fuel for humans. Even today, many think its supply is abundant, but to contradict that thought – Water Isn't a Limitless Resource. More particularly the fresh potable water crucial for human survival is quickly depleting. Mr. Harsh Vardhan also shared his views regarding .Green building (also known as green construction or sustainable building) is the structure that use process that environmentally responsible and resource efficiency throughout a building from siting to design, construction, operation, maintenance, renovation and deconstruction. Ms. Mubashshira Sadiq also explains about the Leadership in Energy and Environmental Design (LEED). She said that is a set of rating systems for the design, construction, operation, and maintenance of green buildings which was developed by the U.S. Green Building Council. Ms. Vertika Pandey talked about Energy Efficiency. She started her session with words that "Building is a third skin."Technologies and measures which are aimed at reducing the use of energy in buildings could have several advantages, such as lower energy bills, increasing comfort of living or working, and reduced impact on the environment, including reduction of CO_2 emissions.

List of Publications (Faculty & Students)

Name of Authors   : Sagar Kumar
Paper Title   : Warpage and Shrinkage analysis and optimization of rapid tooling molded thin wall component using modified particle swarm algorithm
Journal / Conference   : Journal
Name of Journal / Conference : Journal of Advanced Manufacturing Systems

Name of Authors   : Dr. Deepak Kumar, N. K. Jain
Paper Title   : Experimental Thermal investigation of PP-Marble composites
Journal / Conference   : Conference
Name of Journal / Conference : Technovation-2019

Name of Authors   : Pushpendra Kumar
Paper Title   : Review-Parameter Which Effect The Thermal Comfort Of Cabin In The Car
Journal / Conference   : Conference
Name of Journal / Conference : Technovation-2019

Name of Authors   : Dhananjay Kumar
Paper Title   : A Review on Automation in Student Formula Hybrid Vehicle
Journal / Conference   : Conference
Name of Journal / Conference : Technovation-2019

Name of Authors	:	Sagar Kumar
Paper Title	:	A Review And Fabrication of "Air Cooler Cum Heater"
Journal / Conference	:	Conference
Name of Journal / Conference	:	Technovation-2019

Name of Authors	:	Asha Kumawat
Paper Title	:	Vibration Reduction Using Piezoceramics of Automotive Shafts
Journal / Conference	:	Journal
Name of Journal / Conference	:	Journal of Emerging Technologies and Innovative Research

Name of Authors	:	Dr. Deepak Kumar, N. K. Jain
Paper Title	:	Solar Driven cooling system – A Non Conventional Technology
Journal / Conference	:	Conference
Name of Journal / Conference	:	International Conference on Advances in Mechanical Engineering, JECRC

Name of Authors	:	Yogesh Mishra
Paper Title	:	Infrared Plastic Solar Cell
Journal / Conference	:	Conference
Name of Journal / Conference	:	Technovation-2019

Name of Authors	:	A. K. Mandal
Paper Title	:	Experimental and Numerical Analysis on Small Scale Wind Turbines: A Review
Journal / Conference	:	Journal
Name of Journal / Conference	:	International Journal of Applied Engineering Research

Name of Authors	:	Dhananjay Kumar
Paper Title	:	Design, Analysis And Fabrication Of Go-Kart
Journal / Conference	:	Conference
Name of Journal / Conference	:	Technovation-2019

Name of Authors	:	Peeyush Vats
Paper Title	:	Risk pooling approach in multi-product multi- period inventory control model under uncertainty
Journal / Conference	:	Conference
Name of Journal / Conference	:	POMS 2018 Sri Lanka

Name of Authors	:	Ratnesh Sharma
Paper Title	:	Design and Simulation of low cost Root Crop Harvester
Journal / Conference	:	Journal
Name of Journal / Conference	:	Journal of Open Agriculture

Name of Authors   : Asha Kumawat
Paper Title   : Evaluation Of Performance And Vibration Analysis Of Annular Disc By Using Finite Element Method
Journal / Conference   : Conference
Name of Journal / Conference : Technovation-2019

Name of Authors   : Shailendra Kasera
Paper Title   : A Review of Variable Refrigerant Flow Systems
Journal / Conference   : Conference
Name of Journal / Conference : Technovation-2019

Name of Authors   : Shailendra Kasera
Paper Title   : Alternative Refrigerants: A Review
Journal / Conference   : Conference
Name of Journal / Conference : Technovation-2019

Name of Authors   : Yogesh Mishra
Paper Title   : A Review Paper on Web Mining by the use of Web Analytics
Journal / Conference   : Conference
Name of Journal / Conference : Technovation-2019

ARTICLE

WOMEN EMPOWERMENT IN INDIA

Swami Vivekananda, one of the greatest sons of India, quoted that, "There is no chance for the welfare of the world unless the condition of women is improved, it is not possible for a bird to fly on only one wing." Therefore, the inclusion of "Women Empowerment" as one of the prime goals in the eight Millennium Development Goals underscores the relevance of this fact. Thus, in order to achieve the status of a developed country, India needs to transform its colossal women force into an effective human resource and this is possible only through the empowerment of women.

Empowering women to participate fully in economic life across all sectors is essential to building stronger economies, achieve internationally agreed goals for development and sustainability, and improve the quality of life for women, men, families, and communities.

What is women empowerment?

Women empowerment means emancipation of women from the vicious grips of social, economical, political, caste and gender-based discrimination. It means granting women the freedom to make life choices. Women empowerment does not mean 'deifying women' rather it means replacing patriarchy with parity. In this regard, there are various facets of women empowerment, such as given hereunder:—

Human Rights or Individual Rights: A woman is a being with senses, imagination and thoughts; she should be able to express them freely. Individual empowerment means to have the self-confidence to articulate and assert the power to negotiate and decide.

Social Women Empowerment: A critical aspect of social empowerment of women is the promotion of gender equality. Gender equality implies a society in which women and men enjoy the same opportunities, outcomes, rights and obligations in all spheres of life.

Educational Women Empowerment: It means empowering women with the knowledge, skills, and self-confidence necessary to participate fully in the development process. It means making women aware of their rights and developing a confidence to claim them.

Economic and occupational empowerment: It implies a better quality of material life through sustainable livelihoods owned and managed by women. It means reducing their financial dependence on their male counterparts by making them a significant part of the human resource.

Legal Women Empowerment: It suggests the provision of an effective legal structure which is supportive of women empowerment. It means addressing the gaps between what the law prescribes and what actually occurs.

Political Women Empowerment: It means the existence of a political system favouring the participation in and control by the women of the political decision-making process and in governance.

The position of Women in India: The position enjoyed by women in the Rig- Vedic period deteriorated in the later Vedic civilization. Women were denied the right to education and widow remarriage. They were denied the right to inheritance and ownership of property. Many social evils like child marriage and dowry system surfaced and started to engulf women. During Gupta period, the status of women immensely deteriorated. Dowry became an institution and Sati Pratha became prominent. During the British Raj, many social reformers such as Raja Rammohun Roy, Ishwar Chandra Vidyasagar, and Jyotirao Phule started agitations for the empowerment of women. Their efforts led to the abolition of Sati and formulation of the Widow Remarriage Act. Later, stalwarts like Mahatma Gandhi and Pt. Nehru advocated women rights. As a result of their concentrated efforts, the status of women in social, economic and political life began to elevate in the Indian society.

Asha Kumawat
Asst. Professor, ME

DEPARTMENT OF CIVIL ENGINEERING

CONCRETE IS OUR LANGUAGE

VISION

To establish an outstanding center of regional and national reputation for providing a quality engineering education to the students from the all over the country, excellent research and services to the professional and the community, to produce quality civil engineers, and to employ principles of continual quality improvement to enhance its programme and faculty.

MISSION

- To serve the society and the country by providing a broad and high quality education to its students for a successful professional career.
- To conduct a strong basic and applied research for national needs.
- To serve the construction industry, civil engineering profession and rural community through dissemination of knowledge and technical services.

Mr. Md. Tarique Ahamed
Head, Department of Civil Engineering
Poornima College of Engineering, Jaipur

About the Department

The Department of Civil Engineering of PCE came into existence in the year 2011 with an alignment of the department's evolution with key events and technological advances for the betterment of the society and nation. At present, it has the intake of 60 students providing all the amenities of infrastructure related to knowledge, research, experiments and training of multiple professions. Poornima believes that Civil Engineering is evergreen branch in the engineering profession. Therefore, the department of Civil Engineering has renowned scholars as the faculty members for imparting the knowledge. It has been taking initiatives for the versatile enhancement of the students through the technical, cultural and sports fests since its establishment.

HOD's Message

A warm and affectionate welcome from the Department of Civil Engineering at Poornima College of Engineering. Civil Engineering is a professional engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment, including works such as bridges, roads, canals, dams and buildings. This special issue of Winner provides opportunity to faculty members, new young minds and futuristic engineers to consolidate activities and findings in all experimental, theoretical, and practical aspects of green science, technology, and engineering into a single and unique reference source. Green building technology refers to structures that are environmental friendly and resource-efficient throughout a building's service life, from design to construction. Green buildings are designed to reduce the overall impact on the natural environment by:

- Efficiently using energy, water, and other resources
- Reducing waste, pollution and environmental degradation.
- Using sustainable technology and materials.

In this upcoming session Department of Civil Engineering will keenly focus on environmental applications for sustainable future. I am certain that our students will prove to be an invaluable asset to an organization.

Mr. MD. Tarique

Program Educational Objectives (PEOs)

PEO : Have successful career in the diversified sectors of the engineering industry and/or higher studies by acquiring knowledge in mathematical, scientific and engineering fundamentals.

PEO : Analyze and design Civil engineering systems with social awareness and responsibility.

PEO : Exhibit professionalism, ethical approach, communication skills, team work in their profession and adapt to modern trends by engaging in lifelong learning.

Program Outcomes (POs)

PO 1 : **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2 : **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3 : **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4 : **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5 : **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6 : **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7 : **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8 : **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9 : **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10 : **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11 : **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12 : **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Objectives (PSOs) Assessment

PSO 1: Enhancing the employability skills by making the students capable of qualifying National level competitive examination.

PSO 2: Competency in professional and Industrial areas.

PSO 3: Inculcating in students tech saviness to deal with practical aspects of civil engineering.

Multifarious Activities

S.No.	Full Name of the Activity	Date	Coordinator of Activity
1	Workshop on Field Survey by Total Station	February 6-7, 2019	Mr. Prateek Sharma
3	Business Intelligence Over the IBM Cognos insight		Mr. Mukul Nama
4	Design of G+3 Building and Roof Truss using Staad Pro	February 15, 2019	Mr. Mukul Nama
5	Survey Camp	30 Oct. 30 - Nov. 1, 2018	Mr. Shankar Pr. Mishra
6	Earth Day	April 22, 2019	Mr. Siddharth
7	Introduction about Subject Geotechnical Engineering	February 22, 2019	Ms. Shivanshi
8	World Environment Day	June 5, 2019	Md. Tarique
9	World Water Day	March 22, 2019	Mr. Ayush Goyal
10	Formatting on Microsoft Word	August 22, 2018	Mr. Balwan Sheshma
11	Building Estimation with Basic use of Computer	February 6, 2019	Ms. Bharti Joshi
12	Waste Management in Metro Cities- Issues and Challenges	March 22, 2019	Mr. Ayush Goyal

Seminars & Workshops :

- Workshop on 'Green Building' was conducted on 19th july,2018 by faculty coordinators Mr Balwan & Mr. Shanker Prasad Mishra

- Special Lecture on Gandhian Thoughts delivered by Prof. (Dr.) Kamal Nayan' On the occasion of "Gandhi Jayanti", Department of Civil Engineering conducted a special lecture on topic "Gandhian Thoughts". Prof. (Dr.) Kamal Nayan delivered the thoughts and Myth about the Mahatma Gandhi..

- Workshop on 'Impact of Smart City Development in India's Real Estate' was conducted on 22/01/2019 by faculty coordinators Mr. Balwan & Md. Tarique

- Workshop on 'Field survey by Total station was conducted from 6th Feb, 2019 to 7th Feb,2019 by faculty coordinators Mr. Shanker Prasad Mishra

- Workshop on 'Design and Drafting Software in Civil Engineering was conducted on 8th Feb,2019 by faculty coordinators Mr. Balwan

- Workshop on 'Structural Design and Drawing was conducted on 15th Feb,2019 by faculty coordinators Ms. Shivanshi

Industrial Visits: Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this: it lets students to know things practically through interaction, working methods and employment practices. After visiting industry students can gain a combined knowledge about both theory and practical.

Department of Civil Engineering conducted various industrial visits for students time to time for practical knowledge like visits to construction site, RMC plant, CDOS and sewage treatment plant.

Site Visits:

- 54 Students of Second Year visited ARG Ananta- I, Jagatpura, Jaipur on 14/07/2018 with faculty coordinators Mr. Balwan & Mr. Shanker Prasad Mishra
- 62 Students of Second Year visited Centre for Development of Stones, Jaipur on 07/09/2018 with faculty coordinators Ms. Shivanshi & Mrs. Shruti Bhargava
- 36 Students of Third Year visited Sewage Treatment Plant, Poornima University, Jaipur on 20/09/2018 with faculty coordinators Ms. Shivanshi & Mrs. Shruti Bhargava
- 64 Students of Third Year visited Triangle Cross Wind Villas, Jagatpura, Jaipur on 20/09/2018 with faculty coordinator Mr. Shidharth Choudhary.

Survey Camp: A survey camp was organised by Faculty Coordinators. Department of Civil Engineering conducted a four days Survey Camp for 2nd & 3nd year students of Civil Engineering successfully from 29 September 2018 to 04 October 2018 as the compulsory part of the RTU academic curriculum for 3rd & 5th semester, coordinated by Mr. Balwan & Mrs. Shruti Bhargava. This camp was aimed to groom civil engineering students with essential knowledge and exposure to the real work, and to encourage leadership and teamwork skills. This survey camp resulted in encouraging and supporting students, emerging as leaders in several areas of academic provision.

Faculty Publications & Achievements:

- 4 faculty members attend TEQIP-III RTU sponsored 3 days FDP program on Green Buildings: An initiative of Civil Engineers to save the environment at JNIT, Jaipur

- All faculty members attend an special lecture on Impact of Smart City Development in India's Real Estate delivered by Prof. Anupam Saxena.

- Mr. Balwan, Assistant Professor (Dy. HOD) attends 3-day Faculty Development Program on Student Induction (FDP-SI) at Poornima College of Engineering, Jaipur.

List of Publications

Name of Authors	:	Mr. Balwan
Paper Title	:	Partially replacement of fine aggregate using sandstone mining waste in concrete – A comprehensive review
Event	:	Technovation 2019

Name of Authors	:	Mr. Balwan
Paper Title	:	Study of mechanical properties of concrete with partial replacement of fine aggregate by PET Bottle Waste- A comprehensive review
Event	:	Technovation 2019

Name of Authors : Mr. Shanker Prasad Mishra
Paper Title : Design of Wind Energy Structure
Event : Technovation 2019

Name of Authors : Mrs. Shruti Bhargava
Paper Title : Sustainable concrete Review: New trends for application in construction
Event : Technovation 2019

Name of Authors : Mrs. Shruti Bhargava
Paper Title : Review paper on waste material used in concrete
Event : Technovation 2019

Students Participation & Achievements:

- Dushyant Singh Rathore, final year student placed through campus drive with highest package (12 lac) till date in Jaro Education.
- Ms. Pragya Nagar (Score – 29.46) and Mr. Vikram Meenia (Score – 21.44), final year students got GATE-2019 score cards.
- Ms. Mansi Agarwalla, II year student got second best presenter award in Convergance-2019 at PIET, Jaipur.
- Himanshu Yadav, III year student got first position in Cricket in ENILAZE 2019 at KITE, Jaipur.
- 15 students from II and III year participated in the zonal round of ChimeaX – a national Level Quiz Fest organized by ISTE student's chapter, MANIT, Bhopal.
- Mr. Kamesh Singhal and Mr. Rahul Mittal, III year students participated in Tata Crucial Quiz Competition in Jaipur.
- Ravinder Singh Baged, III year student participated in football at JECRC.

List of Student Participations

Name of Authors : Aastha Malik
Paper Title : Effect of Marble Slurry on the Physico-chemical Properties of the Soil near Marble Industry located in Jaipur, Rajasthan
Model/Paper : Paper

Name of Authors : Sanjay Singh and Anurika Mehta
Paper Title : Bio Medical Waste Management - A Review
Model/Paper : Paper

Name of Authors	:	Balwan, Rajat Sharma, Rahul Kumawat and Rajesh Manda
Paper Title	:	A Review on Effects of Waste Ceramics and Fiber Metal on Concrete Pavement- A comprehensive review
Model/Paper	:	Paper

Name of Authors	:	Bharati and Himanshu Agarwal
Paper Title	:	Utilization of Polyethylene Plastic waste in brick
Model/Paper	:	Paper

Name of Authors	:	Shashank Shukla, Bhumika Barodia and Rishiraj Meena
Paper Title	:	Soil Properties Investigation
Model/Paper	:	Paper

Name of Authors	:	Jaiwardhan Deora, Bhumika Jain, Faisal Ali Khan, Aditi Bansal
Paper Title	:	Stabilization of Black Cotton soil by using Fly ash and Calcium Chloride
Model/Paper	:	Paper

Name of Authors	:	Nishant Jangid, Kishan Kumar, Manjeet Kumar and Prince Gupta
Paper Title	:	Treatment of water
Model/Paper	:	Paper

Name of Authors	:	Akash Sharma, Hariom Upadhyay, Ishteyaque Ahmad, Akshay Chauhan and Shruti Bhargava
Paper Title	:	Review Paper on Waste Industrial Material Used in Concrete
Model/Paper	:	Paper

Name of Authors	:	Ravi Sahu, Sandesh Kumar Agarwal, Shailendra Kumawat and Balwan Sheshma
Paper Title	:	Partially replacement of fine aggregate using sandstone mining waste in concrete - A comprehensive review
Model/Paper	:	Paper

Name of Authors	:	Pritesh Agrawal, Om Prakash, Lalit Kumar Tailor, Rahul Singh Kharra
Paper Title	:	A Review on Stabilization of Bentonite Soil using different waste with the Betterment of Nature and Mankind
Model/Paper	:	Paper

Name of Authors	:	Shanker Prasad Mishra, Ram Raj Meena, Raja Sahu and Prashant Sharma
Paper Title	:	A Review paper on a comparative study on mechanical properties of concrete containing of concrete glass fiber and polypropylene
Model/Paper	:	Paper

Name of Authors : Shanker Prasad Mishra and Pradeep Kumar Khanwani

Paper Title : Design of Wind Energy Structure

Model/Paper : Paper

Name of Authors : Prakash Kumar Solanki, Jatin Kanwat, Pawan Goyal, Kamlesh Gaurana and Balwan Sheshma

Paper Title : Study of mechanical properties of concrete with partial replacement of fine aggregate by PET Bottle Waste

Model/Paper : Paper

Name of Authors : Shruti bhargava,Suman Saurav

Paper Title : A review on Strength, and Workability of Concrete Containing Waste Tyre Rubber as Limited Replacement of Fine Aggregate

Model/Paper : Paper

Name of Authors : Shanker Prasad ,Ashish Saini,Abhinav Kumar

Paper Title : Stabilization of Black Cotton soil by using Fly ash and Calcium Chloride

Model/Paper : Paper

Name of Authors : Shruti Bhargava, Devashray

Paper Title : Utilization of industrial waste water after recycling

Model/Paper : Paper

Name of Authors : Madhav rathi,

Paper Title : Review Paper on Waste Industrial Material Used in Concrete

Model/Paper : Paper

Name of Authors : Ravi Sahu, Sandesh Kumar Agarwal, Shailendra Kumawat and Balwan Sheshma

Paper Title : Use of Waste in Bitumen

Model/Paper : Paper

Name of Authors : Yash Yadav, Vipin Jangir, Akul Jaiswal

Paper Title : Sustainable Use of Waste Materials in Pavement Quality Concrete

Model/Paper : Paper

Name of Authors : Pragya Nagar, Manoj Borana, Pankaj Kumar, Rahul Kumar

Paper Title : Analytical Study of Stabilization of Expansive Soils

Model/Paper : Paper

Name of Authors : Vijay Singh Meena, Sanjay Singh Siradhana, Ritesh Kumar Meena, Shubham Meena

Paper Title : An Investigation on Effect of Ultrasound Waves on Sludge Treatment

Model/Paper : Paper

Name of Authors : Niketan Sharma, Saurabh Samaria, Vikram Meenia, Adil Khan

Paper Title : Comparative Analysis of Properties of RCC Having Vertical Shear Stirrups And Helical Shear Reinforcement

Model/Paper : Paper

Name of Authors : Amit Kumar, Bharat Gurjar, Atul Kumar Meena

Paper Title : Durability Aspect of High Performance Concrete

Model/Paper : Paper

Name of Authors : Pranjal Rajoriya, Malika Muskan and Pavansut Meena

Paper Title : Mask Free Air

Model/Paper : Model

Name of Authors : Harshit Meena, Deepanjal Mathur, Samarth Sharma, Lokesh Kumar and Kunal Jani

Paper Title : Mask free air

Model/Paper : Model

Name of Authors : Rittvik Parya, Gaurav Bhati, Sanjay Kumar, Abhishek Sharma, Sunil Manohar and Shailesh Meena

Paper Title : Rotating Bridge

Model/Paper : Model

Name of Authors : Divyanshu Yadav, Saurabh Gunawat, Nanu Ram Budaniyam, Kaushal Khichi, Rahul Parihar, Md Nehal and Murli Manohar Nagar

Paper Title : Hydraulic Bridge

Model/Paper : Model

Name of Authors : Suman Saurav, Amar Kumar, Himanshu Yadav, Deependra Rajawat and Ravinder Singh

Paper Title : Rainproof stadium

Model/Paper : Model

IMPROVING ENERGY EFFICIENCY OF THE BUILDINGS

We need an ecological revolution in construction that provides for alternative approaches to improving energy efficiency in order to meet global challenges related to climate change and energy security, as well as research into renewable energy sources. Green buildings can help solve many global problems related to climate change, human health and the quality of the environment. Environment friendly buildings are soon considered a standard for building technology. In the near future, the transition of traditional buildings will have the character of green buildings. More business opportunities and green buildings mean green Economy.

New "zero energy" buildings are being built worldwide with advanced green technology. There are three main ways to neutralize energy. First, the energy consumption of the building is reduced by the use of energy-saving insulation materials. Second, renewable energy sources or lost energy sources are being researched to generate energy for powering new buildings. Third, new buildings are being built to share energy by powering the surplus power of the smart grid infrastructure.

However, there are financial obstructions for green building investment. The fission of the building industry gives no direct incentive to private investors on green building. Thus private investments on improving energy performance of buildings do not have outstanding impression on promoting green buildings at broad.

The government must play an important role in the transition to a clean construction revolution. Climate change and energy efficiency have led governments to develop effective tools to promote green buildings. During the last decade, green building programs and policies have been adapted at government levels. Local, regional and national initiatives are the main drivers of the growth of sustainable construction. More recently, energy efficiency mortgages have been introduced to overcome financial barriers to green buildings and energy efficiency in the United States. To develop a green economy, environmental policy focuses on innovation:

- Environmental effectiveness,
- Decoupling economic growth from environmental pressure
- Cost-effectiveness

Mr. Balwan
Asst. Professor, Civil

Green Technology

As human lives are advancing constantly, the basic needs of human being are increasing tremendously as well. The human intrusion needs have altered the natural environment and arouses problems such as pollution, climate change and global warming. In order to get rid of these problems, Green Technology is introduces to recover the Earth back to a healthy state. Green Technology is a new technology that introduced to protect the Earth against environmental pollution. It plays an important role in conserving the natural resources and environment. Green technology is known environmental technology or clean technology as well. It produced energy to non-toxic cleaning products by using different methods and materials. Green Technology is introduced to reach five goals which are sustainability by satisfying the society's needs without damaging or depleting the availability of the resources for the future generations, "cradle to cradle" design by designing products that are reusable, source reduction by changing the amount of raw materials consumption and ways of production to reduce the waste products, innovation by developing new and alternative technologies and viability by creating economic activity such as new career that associated with technologies and products urgently, green technology is developing in 5 majors areas which are energy, green building, environmentally preferred purchasing, green chemistry and green nanotechnology.

Divya Rastogi
(Civil, II Year)

Global Stars

Visit to Menlo College Menlo Park, Silicon Valley,US

Four students Aadhar Bhatt, Jagrati Katariya, Kinshuk Varshneya and Komal Maheshwari from Poornima College of Engineering visited Menlo College under Rajasthan Student Startup Exposure Program for two weeks.

iStart Rajasthan is the flagship program by the Department of Information Technology & Communication, Government of Rajasthan to foster innovation, create jobs and facilitate investment in the State. iStart is an integrated comprehensive platform, which is a one-of-its-kind, single window resource for startups, investors, incubators, accelerators and mentors. The focus of this initiative is on idea stage, early stage and startups with MVP (Minimal Viable Product). This initiative helps the startups minimize the bureaucracy associated with the initiation of startup operations. The Rajasthan government's Department of Information Technology (DoITC) is now implementing a first-of its-kind government initiative wherein the selected students from the local colleges will get a chance to travel to the Silicon Valley, US.

PRESENTATION IN SOLID WORKS WORLD 2019

Two students of Poornima College of Engineering Puneet Suthar and Waqar Qureshi had secured 4th rank in AAKRUTI 2018 (NATIONAL LEVEL PRODUCT DESIGNING COMPETITION). Hence, they were invited to an international conference SWW19 (SOLID WORKS WORLD 2019) which was held in Dallas, Texas, USA from 10 to 14 Feb. The SWW19 was an international user conference and exhibition where various companies like Nvidia , HP, Dell, Lenovo etc. had exhibit there new inventions. On the same platform the students of Poornima College of Engineering presented their project on "Cooling Cloud" which is cheap and easily manufactureable ceiling fan accessory and a good alternative to a desert cooler which improves standard of living of Rural people. Students got an incredible opportunity to meet top notch celebrities of Design world like Gian Paolo Bassi (CEO, Solid works), Suchit Jain (VP of Strategy & Business Development Dassault Systèmes Solid Works Corp) and Marie-Pierre Aulas (Executive Director chez La Foundation Dassault Systèmes).

People Preneur-AIESEC

Two students of PCE, Harshit Gupta & Amit Kumar visited Indonesia for a project People Preneur from 2nd July, 2018 to 15th Aug, 2018, in Malang. The name of SME was Keramic Sueharto. Keramic Sueharto is a small business of ceramics, owned by Mr. Suharto. Students interacted three days in a week with their SME to analyse the problems prevailing in the society.

एनबीए एक्रेडिएशन पर फैकल्टी डवलपमेंट प्रोग्राम आयोजित

प्रतिभागियों को दी गई एनबीए एक्रेडिएशन की जानकारी

जयपुर (कासं)। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में एनबीए एक्रेडिएशन के लिए 'आउटकम बेस्ड एजुकेशन' विषय पर आरटीयू टीक्विप थर्ड द्वारा प्रायोजित दो दिवसीय फैकल्टी डवलपमेंट प्रोग्राम आयोजित किया गया। कॉलेज के एनबीए एक्रेडिएट होने की वजह से आरटीयू द्वारा आयोजन किया गया। इस अवसर पर टीक्विप थर्ड के चीफ कॉर्डिनेटर प्रो. डॉ. धीरेंद्र माथुर, आउटकम बेस्ड एजुकेशन के कोर्डिनेटर डॉ. एस.डी. पुरोहित, पूर्णिमा फाउंडेशन के एडमिन व फाइनेंस के डायरेक्टर एम.के.एम. शाह और गेस्ट स्पीकर के तौर पर डॉ. राना शाह उपस्थित थे। कॉलेज के डायरेक्टर डॉ. ओमप्रकाश शर्मा ने राजस्थान के विभिन्न इंजीनियरिंग कॉलेजों से आए प्रतिभागियों का स्वागत करते हुए कहा कि आरटीयू से संबंधित अधिक से अधिक कॉलेजों को एनबीए एक्रेडिएट

होते हुए क्वालिटी एजुकेशन प्रदान की जानी चाहिए। डॉ. एस.डी. पुरोहित ने कहा कि क्वालिटी एजुकेशन के लिए आउटकम बेस्ड एजुकेशन समय की मांग है। गेस्ट स्पीकर डॉ. राना शाह ने बड़े

लक्ष्य रखना और इन्हें प्राप्त करने के हर संभव प्रयास करना वर्तमान समय की मांग है। इसकी राह कठिन हो सकती है लेकिन लक्ष्य की प्राप्ति के लिए और अधिक स्मार्ट होना होगा।

जयपुर के विट्ठल पाटीदार पेरू में डकार रैली लाइव देखने के करीब पहुंचे

पूर्णिमा के स्टूडेंट ने जयपुर में रेड बुल डेजर्ट विंग्स यूनिवर्सिटी चैलेंज जीता, अब नेशनल फाइनल में भाग लेंगे, विजेता को पेरू में अल्टीमेट डकार के लिए प्रतिस्पर्धा का अवसर मिलेगा

Nav Xpress

पूर्णिमा कॉलेज ऑफ इंजीनियरिंग, जयपुर में मोटरस्पोर्ट के दीवाने के स्टूडेंट्स के लिए रखा रोमांचकारी प्रतियोगिता, रेड बुल डेजर्ट विंग्स यूनिवर्सिटी चैलेंज के द्वितीय संस्करण का आयोजन हुआ। इस अपने प्रतियोगिता, रिपोर्ट निर्धारित 'ब्रुनी डकार' रेस में 85 स्टूडेंट्स ने रजिस्ट्रेशन कराया था, जिसमें से विट्ठल पाटीदार ने बिहेल्फ पर तैयारी ट्रैक का सबसे तेज समय-11.620 में रेस पूरी किया। इस संस्करण में पूरे भारत से भी क्वालिफाइंग शामिल होंगे। प्रत्येक क्वालिफायर के विजेता नक्कमर में होने वाले नेशनल फाइनल में भाग लेंगे। नेशनल विजेता को विमान से सभी भुगतता खर्च (आमद एक्सपेंस पेड ट्रिप) के साथ अरेकीबा, भेजा जाएगा। जहां के 10 से 13 जनवरी 2019 तक

असली डकार अनुभव हासिल करने का मौका

कार्ड फाइनल 10 से 13 जनवरी तक अरेकीबा, पेरू में संपन्न होगा, जहां एक्स्प्रो विजेताओं को रेड बुल डेजर्ट विंग्स यूनिवर्सिटी चैलेंज मुकाबला करने के साथ-साथ असली डकार अनुभव हासिल करने का अवसर मिलेगा। फाइनल बैटल्स के इन उन्हें पूर्व निर्धारित, पेशेवरन रेगिस्तान में आत्याकुशलतानुसार तैयार ट्रैक पर अपनी कार और कौशल दोनों का अल्टीमेट परीक्षण करते हुए एक-दूसरे के साथ-साथ मशहूर करना होगा। चालनिक डकार अनुभव में विश्व-विख्यात डकार पावरहाउस से मुलाकात करने, बालू की कहूं से रेस देखने, तरों चा अलग्रीके नीचे रोमांटिक शैली में सोने और फुल संस्कृति से जुड़ी अनेक आनंददायक गतिविधियां सम्मिलित हैं। प्रतियोगिता जमा करने की अंतिम तारीख 10 दिसम्बर है।

नक्काश अजीज की प्रस्तुतियों पर झूमे स्टूडेंट्स

जयपुर (का.सं.)। पूर्णिमा ग्रुप के एनुअल फेस्ट 'आरोहण' व 'लक्ष्य' का ग्रैंड म्यूजिकल ईव के साथ भव्य समापन हुआ। इसमें करीब तीन हजार स्टूडेंट्स ने बॉलीवुड सिंगर नक्काश अजीज की लाइव परफॉर्मेंस का भरपूर लुत्फ उठाया। अपने ग्रुप के साथ मंच पर नक्काश ने जैसे ही 'जबरा फैन' गीत के साथ परफॉर्मेंस का आगाज किया, स्टूडेंट्स का उत्साह देखने लायक था।

पे सितारे, दिल से रे, बदतमीज दिल, हम्मा-हम्मा, उर्वशी-उर्वशी, धतिंग नाच, गंदी बात और क्यूटी पाई सहित अन्य सुपरहिट गीतों की एक से बढ़कर एक प्रस्तुतियां देकर उत्साह का जबरदस्त माहौल बना दिया।

अंत में पूर्णिमा ग्रुप के डायरेक्टर राहुल सिंघी और डायरेक्टर एडमिन एंड फाइनेंस एमकेएम शाह ने नक्काश अजीज को स्मृति चिह्न प्रदान कर सम्मानित किया।

इसके बाद उन्होंने नए-पुराने गीत प्रस्तुत कर स्टूडेंट्स को खूब झुमाया। नक्काश ने बदन

शांति मार्च निकाला, एकजुटता की अपील

पूर्णिमा ग्रुप ऑफ कॉलेजेस के छात्रों व फैकल्टी सदस्यों की ओर से शनिवार को सीतापुरा क्षेत्र में शांति मार्च निकाला गया। साथ ही दो मिनट का मौन भी रखा। वहीं, कॉलेज प्रबंधन की ओर से देशवासियों से एकजुटता की अपील की। मार्च में करीब 500 छात्र शामिल हुए।

ओरिएंटेशन में शामिल हुए 700 अधिक स्टूडेंट

सिटी रिपोर्टर | एआईसीटीई के नवीनतम निर्देशानुसार पूर्णिमा ग्रुप में बुधवार को बीटेक फर्स्ट ईयर के स्टूडेंट्स के लिए ओरिएंटेशन प्रोग्राम 'स्वागतम' आयोजित किया गया। कार्यक्रम में 700 से अधिक स्टूडेंट्स शामिल हुए। स्टूडेंट्स को संबोधित करते हुए पूर्णिमा ग्रुप के डायरेक्टर राहुल सिंघी ने फ्यूचर टेक्नोलॉजीज व स्किल से संबंधित विभिन्न क्षेत्रों की जानकारी दी।

मैगी हॉटस्पॉट की हुई शुरुआत

जयपुर। पूर्णिमा यूनिवर्सिटी और पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में मैगी हॉटस्पॉट की शुरुआत की गई। इस अवसर पर नेस्ले इंडिया के नॉर्थ ब्रांच के बाइस प्रेसिडेंट संजय कौल, नेस्ले नॉर्थ के बिजनेस मैनेजर, मल्लिकार्जुन देहाती, नॉर्थ इंडिया के रीजनल मैनेजर संजय कुमार जैन और राजस्थान व एनसीआर के रीजनल मैनेजर शरीर पाल सिंह मौजूद थे। पूर्णिमा ग्रुप के डायरेक्टर राहुल सिंघी ने सभी अतिथियों को मोमेंटो प्रदान कर उनका स्वागत किया। इसके बाद रिबन काटकर मैगी हॉटस्पॉट का औपचारिक रूप से उद्घाटन किया गया।

नेशनल स्टूडेंट कन्वेंशन में शामिल हुए 400 प्रतिभागी

डेली न्यूज, mix रिपोर्टर

जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में एनुअल नेशनल स्टूडेंट कन्वेंशन आयोजित किया गया। ऑफ ऑटोमेटिव इंजीनियर्स, नार्दन इंडिया सेक्शन के सहयोग से आयोजित इस कन्वेंशन में देशभर के कई कॉलेजों से शामिल हुए। इनमें एनएमआईटी, जयपुर के पूर्व कन्वेशन मेंबर्स डॉ. आरपी राजोरिया, एनबीएन जयपुर के आरजेडी के मेंबर प्रेसिडेंट डॉ. लोकेश अग्रवाल, एसएई इंडिया, नार्दन सेक्शन के एक्टीकुटिव डायरेक्टर अनूप कलानौर, भारत सरकार के इंटरनेशनल सेंटर फॉर ऑटोमेटिव टेक्नोलॉजी के डिप्टी मैनेजर हरीश जोशी, मारुति सुजुकी, गुड़गांव के सीनियर मैनेजर संजय गुप्ता और एनओआर

लिमिटेड के सीनियर मैनेजर अंग्रेज सिंह शामिल थे। कन्वेंशन में देशभर के कॉलेजों व यूनिवर्सिटीज के 400 से अधिक प्रतिभागी शामिल हुए।

इनमें संजय गुप्ता ने प्रोडक्ट लाइफ साइकल मैनेजमेंट विषय के बारे में जानकारी दी। उन्होंने कार डिजाइनिंग से लेकर फेब्रिकेशन सहित विभिन्न

फ्रीक्वेंसी के बारे में बताया। हरीश जोशी ने बताया कि व्हीकल के फ्लोर पार्ट्स को कॉलेजों व यूनिवर्सिटीज के 400 से अधिक में डिस्प्ले किया जाता है। और पाल सिंह ने व्हीकल टेक्नोलॉजी में हो रहे रिसर्च व इनोवेशन के बारे में विस्तार से जानकारी दी।

आर्टिफिशियल इंटेलीजेंस का है भविष्य

डेली न्यूज, mix रिपोर्टर, जयपुर।

पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में शुक्रवार को नेशनल लेवल के टेक्निकल पेपर एवं मॉडल कॉन्टेस्ट टेक्नोवेशन 2019 की शुरुआत हुई। दो दिवसीय इस कॉन्टेस्ट में देशभर के 28 कॉलेजों व यूनिवर्सिटीज से चयनित इंजीनियरिंग के 117 मॉडल व 212 रिसर्च पेपर प्रदर्शित किए जाएंगे।

इस मौके पर प्रो. रंजन गंगोपाध्याय ने कहा कि आने वाला समय मशीन लर्निंग, आर्टिफिशियल इंटेलीजेंस और डेटा साइंस का है। तीन तीन क्षेत्रों में ही सर्वाधिक रिसर्च व डेवलपमेंट होंगे। उद्घाटन समारोह के बाद अतिथियों ने

इंजीनियरिंग मॉडल्स की एग्जीबिशन का अवलोकन किया, जहां देशभर के बीटेक, एमटेक व पीएचडी स्टूडेंट्स के बनाए इन मॉडल्स के जरिए भविष्य की संभावनाओं

को खूबसूरती से दर्शाया गया। इस कॉन्टेस्ट में एक्रोपोलिस इंस्टीट्यूट ऑफ टेक्नोलॉजी, इंदौर और निरमा यूनिवर्सिटी, अहमदाबाद के स्टूडेंट्स के मॉडल्स को भी काफी सराहा गया।

एनुअल फेस्ट और एग्जीबिशन में स्टूडेंट्स ने दिखाई इनोवेटिव स्किल

सिटी रिपोर्टर ● पूर्णिमा कॉलेज ऑफ इंजीनियरिंग के डायरेक्टर एडमिन एंड फाइनेंस पवन सेठी द्वारा एग्जीबिशन व प्रोजेक्ट एग्जीबिशन आयोजन 2018 में डॉ. मोना चुनेठे, आनंद मिश्रा...

'आरोहण' में दिखी अनेकता में एकता की झलक

सिटी रिपोर्टर - पूर्णिमा फाउंडेशन का इंटर कॉलेज एनुअल टेक्निकल व कल्चरल फेस्ट 'आरोहण' सोमवार से शुरू हुआ। उद्घाटन इंडियन पैरालंपिक्स जेवलिन व डिस्कस थ्रोअर सुंदर सिंह गुर्जर उद्घाटन समारोह के चीफ गेस्ट थे। फेस्ट के तहत कैम्पस में हर तरह कल्चर प्रकार की एक्टीविटीज आयोजित की जा रही है, जिससे यहां अनेकता में

एकता की झलक देखने को मिल रही है। चार दिवसीय इस फेस्ट में देशभर के 25 से अधिक कॉलेजों व यूनिवर्सिटीज के करीब दो हजार स्टूडेंट्स पार्टिसिपेट कर रहे हैं।

स्वतंत्रता दिवस पर नाटक का मंचन कर महानायकों को याद किया

पूर्णिमा ग्रुप में स्वतंत्रता दिवस के अवसर पर देशभक्ति पर आधारित कार्यक्रम का आयोजन किया गया। जिनमें स्टूडेंट्स भेदभाव से मुक्त भारत, देशभर में विषय पर मूल भारत जैसे विषयों पर आधारित भी रचनाएं प्रस्तुत कीं। इसी दौरान जयपुर के कलेक्टर द्वारा स्वतंत्रता के लेखकों द्वारा रचनाएं प्रस्तुत कर उपस्थित लोगों में देश भावना भावना जागृत

गया। ये रचनाएं महिला सम्मान, जातिवाद भेदभाव से मुक्त भारत, देशभर में विषय मुक्त भारत जैसे विषयों पर आधारित थीं। इसके बाद कॉलेज के स्टूडेंट्स द्वारा आजादी के महानायकों पर केंद्रित नाटक की प्रस्तुति भी दी गई। इस अवसर पर इन रचनाओं पर वोटदान देने वालों स्टाफ व फैकल्टी मेंबर्स को सम्मानित भी किया गया।

रेफ्रिजरेंट्स को ग्लोबल वार्मिंग के लिए जिम्मेदार बताया

स्टूडेंट्स ने जाने एचवीएसी इंडस्ट्री के एडवांसमेंट्स

पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में आए जयपुर चैप्टर और इंदौर की ओर से 'रेफ्रिजरेशन एंड एयरकंडीशन (एआरएसी) इंडस्ट्री' विषय पर टेक्निकल सेमिनार आयोजित की गई। मुख्य वक्ता एसआई के संदीप दिवेदी गुप्ता, के. सी. सेठी, डॉ. भाटी और सुंदर माथुर ने यूनिवर्सिटीज के करीब 150 मैकेनिकल इंजीनियरिंग 'रेफ्रिजरेंट्स' विषय पर जानकारी दी।

सेमिनार में रेफ्रिजरेंट्स को ग्लोबल वार्मिंग के लिए जिम्मेदार बताया गया। इसके साथ मैकेनिकल रेफ्रिजरेशन के क्षेत्र में हो रहे एडवांसमेंट्स के बारे में जानकारी दी जाएगी। यह उनकी

टॉप 5 कॉलेजों में मिला स्थान

जयपुर ● आरटीयू की ओर से इंजीनियरिंग कॉलेजों को दी गई क्वालिटी इंडेक्स वैल्यू में पूर्णिमा ग्रुप के दो कॉलेज टॉप 5 स्थान पर रहे हैं। इसमें 896 पॉइंट के साथ पूर्णिमा कॉलेज ऑफ इंजीनियरिंग राज्य के सभी कॉलेजों में दूसरे स्थान पर और पूर्णिमा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी 841 पॉइंट के साथ थर्ड पोजिशन पर रहा है। यह ग्रेडिंग इन कॉलेजों की क्वालिटी एजुकेशन, प्लेसमेंट, फैकल्टी, रिजल्ट और स्टूडेंट्स के डवलपमेंट के लिए आयोजित की जाने वाली एक्टीविटीज के आधार पर दी गई है। चेयरमैन शशिकांत सिंघी ने इसे मौके पर खुशी जताई।

टेक्निकल एजुकेशन क्वालिटी इम्प्रूवमेंट प्रोग्राम आयोजित

कॉन्फ्रेंस यूनिवर्सिटी, जयपुर में एसोसिएट प्रोफेसर डॉ. अक्षय कुमार राठौड, प्रो. डॉ. राजेश कुमार, प्रथम स्तरीय ये और कोर्डिनेटर एसोसिएट प्रोफेसर क्वालिटी इम्प्रूवमेंट प्रोग्राम इंचार्ज थर्ड के रूप में सभी फैकल्टी डवलपमेंट प्रोग्राम स्वतंत्रता दिवस के पूर्व अवसर किया गया। इसमें डॉ. भारत सिंह और प्रथम...

नेशनल गो-कार्ट कॉम्पिटीशन में हायग्रीवा ने जीते कई अवॉर्ड

जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग के स्टूडेंट्स का बनाया गो-कार्ट वर्जन 2.0 व्हीकल हायग्रीवा ने नेशनल कॉम्पिटीशन में कई पुरस्कार

Views of Stake Holders

Choosing an institute that provides character development along with quality education ain't easy. I'm glad, we chose Poornima College of Engineering. The Discipline is commendable, I further appreciate that Poornima has incorporated other institutes like FACE with it which helps kids with Aptitude and Personality Development along with Professionalism in behavior and conduct. That proves to be beneficial in long run.

Mr. & Mrs.Brijpal Singh
Parents of Shiv Singh, IIIyear ME

My son, in his sophomore year, is very happy at Poornima College of Engineering.I m thankful for this great opportunity he has learnt amongst great educators and in such a stimulating and thriving environment.My son is very fortunate to attend such a great college in a great city.

Wishing good luck and a bright future to all the students.

Mr. & Mrs.Bhanwar Singh Devara
Parents of Rajendra Singh Devara,CS III Year

Thanks to poornima for overall development of the student

It has been a time span of more than 2 years that our son has been a part of an esteemed & recognized institute of Rajasthan, Poornima College of Engineering, Jaipur. His journey in these 2 years is filled with great learnings, through the experienced faculty and the competitive environment of the college. We have realized that this college is best suited to our desires related to teaching facilities, the environment full of knowledge not only technical but of course knowledge required to groom once personality completely. The supporting and helpful environment provided by the college and hostel makes us feel relaxed about our son. The college and its dedicated faculities are solely responsible for overall development of our son. It has an array of activities through the year which keep the child constructive busy. All thanks to sincere and dedicated faculities and of course, college environment and decorum.

Best wishes for Poornima foundation and everyone who is the part of its glorious history.

Thankyou!

Mr. Ashok Bohara & Mrs. Sangeeta Bohara
Parents of Neeraj Bohara, II Year, EE

INTRODUCTION OF HOSTELS AT POORNIMA

Poornima Hostels namely Gayatri girls Hostel (PCE), Aravalli Boys Hostel (PCE), Gurushikhar Boys hostel (PCE), Gargi Girls Hostel (PCE) and Himalayas boys hostel (PCE) are homes to students with residential capacity of more than 1500 students including 500+ girls and 1000+ boys separately. We have a hostel built up area of more than a million square feet where students feels at home and safe during any time of the day to night with utmost safety and security 24/7. All the hostels are constructed keeping in mind the student's comfort and requirements having all basic facilities to give them good living condition that is important for their overall growth.

Life at Poornima Hostels and its advantages at a glance:

It is said that home is sweet. But even then life at home cannot be compared to the life in a hostel. The greatest blessing of hostel life is independence. Apart from the general rules and regulations, which are to be followed necessarily by everyone, one is his/her own master. Here, life is full of opportunities and amusement. One is constantly in touch with young person of one's age. One can make friends with one's hostel fellows who have varied tastes and aptitudes. He/she may choose friends according to their own liking. In a hostel, a student comes in contact with a number of other students. He acquires many good qualities from them. When a student sees his/her next door neighbor daily taking morning exercise, he/she also gets inspiration for trying to be healthy. One good student may become an example for other 25 hostlers. When one is ill, all his hostel fellows try their best to serve him/her. Mutual cooperation, sympathy, and love are characteristics of hostel life.

In nutshell it will not be an exaggeration to say that 'only a hostel is the place where an all-round development of personality is possible'.

Apart from it following are the characteristics features of hostels at Poornima :

- Congenial atmosphere for study
- Students learn many good things in hostels
- There is a fixed time for everything making students habitual
- Students lead a disciplined life
- Students learn regularity and punctuality
- Students can get help from the bright students
- Increased aesthetical, cultural and intellectual values
- Students can also borrow books from one another
- Students have the opportunity of reading newspapers
- Students learn many useful lessons of life
- Students have to do everything for themselves
- Student creates in them the habit of self-reliance
- Festivals are celebrated
- Great opportunity to develop social skills
- Much better records of attendance, results & placements as compared to non-hostellers
- Increased opportunity for students to become team leader for various fests of institutions as well as hostel
- Free Internet in Internet Lab

- Mentorship Program
- Special lectures by expert teachers under mentorship program
- Various activities for skill enhancement
- Various activities for placement preparation
- Separate Hostel Library
- Opportunity to actively participate in many Intra &Inter hostel competitions
- Learning experience to manage monthly expenses
- Negligible commute time from hostel to institution, thus saving time for other activities
- Hostellers get preference for attending campus sponsored events
- Huge academic support from friends& faculty members available 24x7
- Regular Alumni interactions
- Hobby oriented programs available
- Full access to all sports facilities
- Tuition Shuttle Service
- Regular housekeeping & maintenance
- Hot water through solar water heater available throughout winters
- Purified & Chilled RO water (available only in PF hostels)
- Variety of items available at subsidized rates @ canteen and provision store
- 100% Secured campus
- 24x7 electricity backup
- 24x7 Medical facilities and Ambulance
- 24x7 Wi-Fi facilities (for all Wi-Fi enabled gadgets)
- Complete Gymnasium with ultramodern equipment
- Laundry Facilities
- Guest house facility for parents
- TV room, Seminar Halls &ArbudaConvention Centre for watching movies and cricket matches.

In the past eighteenth years PCE hostels has shown a tremendous growth rate in every aspect and has produced a successful team of techno-gurus. PFCE hostels has not only focused on academics but also on the overall personality growth of every student residing in hostels. PCE hostels has an aim of "stepping towards perfection". To fulfill this aim we trying from heart. For this purpose we are going to implement a lot of new ideas in hostels. We will also have a lot of non-academic activities to provide a better environment for perfection which leads PCE hostels closer to its aim.

Ashwini Lata
Dean, Hostels

HOSTELS @POORNIMA COLLEGE OF ENGINEERING

Message

Gayatri Girls Hostel: 'A room for all - A home for all'.

Our Gayatri Girls hostel is standing on the foundation of 3D's- Dedication, Determination and Discipline. Here we try to provide a conducive environment to study, to focus and to learn something new regularly. Our hostel provides girls a great platform to grow, enhance and to express themselves through various mediums like- Tatva (Hostel fest), Mentorship and many more. Here we are concerned about student's all round development.

I believe hostel life is one of the integral part of a student's life, as here they adhere into new routines, they learn to become independent of their own decisions, students become more responsible of their things and most importantly the evolve helpful and cooperative nature in hostel by helping their, This what happens in the Poornima hostels. Here at Gayatri Girls' hostel we are also very much concerned about each and every student's health and security.

Homesickness has never been a concern for the students residing in our hostel. We believe in concept of "Home away from home". Life at Gayatri Girls Hostel has always been full of enjoyment, amaze and zeal.

Mrs. Sudha Jain
Chief Warden, Gayatri Hostel

MENTORSHIP PROGRAM:

Art and Craft Club: Art and Craft club is the club which brings out the creativity from the students. This club is basically for the hostellers and especially for those who are interested in learning some new skills related to art and craft. In this club the students are aware of many new things like paper craft, clay modeling, writing fonts in calligraphy and many more things. The club activities related to art and craft helps the student to develop their interest and passion in a particular field.

Dance, Drama and Music Club: Dance, drama and music is a performing art form consisting of purposefully selected sequences of human movement. This movement has aesthetic and symbolic value, and is acknowledged as dancer by performers and observers within a particular culture. Drama is the specific mode of fiction represented in performance like a play opera. In this club, we aim to enhance a person's skills for dance, drama and music. It supervises every moment for a person to reach high in dance, drama and music.

Media and Marketing Club: We humans are social animals. We stack ourselves up against an established social hierarchy. Likeminded people get together and form a small social group. In the era of internet, it is 100 times easier to connect with likeminded people. As a club, we bring together some of the brightest minds, interested in exploring the ever changing dynamics of marketing. The club aims at keeping members abreast with the latest on marketing while integrating the vast experience of its members across functions and industries such as advertising, research, sales, branding communication and digital marketing to name a few.

Personality Development Club: "The only person you are destined to become is the person you decide to be"

Personality development makes you a confident individual who is appreciated and respected wherever he goes. Our personality is developed over the years and hence it is important to make sure that we imbibe positive traits in ourselves right from a young age. That is why the personality development classes come into the picture. As it will help the individual to set goals and reach to the potential.

Poornima Pathshala Club: We are a group of dedicated students who aim to use the club to provide a wide range of activities to broaden students. Poornima Paathshala is the social welfare community of Poornima. It educates society by providing quality education to the young ones regardless of their social and economic status. To ensure overall development of the child to make him self-reliant and a responsible member of the society. Hence, this movement has been initiated to educate the underprivileged children and bring the light of knowledge in their darkness of poverty.

TATVA TORQUE- Hostel fest, 2018-19: Hostel fest is the best part of hostel life. No studies, no strictness over fun, no boundations over attire. This is the time when all the girls enjoy together rather she is senior or junior. Every year, hostel fest held in March for three days.

Overall theme of Tatva Torque 2019 is O 'WOMANIYA. Every day has specific themes .Every girl has to dress up according to respective theme. Events are the big part of fest. There were more than 20 events this year comprising of technical, sports, club and cultural. Decorations attract every new junior and students make efforts to decorate the hostel as best they can. The biggest event was Facet diva. One girl has been crownd as Facet diva. Final year is the organizing team. Overall, students can make more memories by taking part in hostel fest.

Mehndi: Mehndi is a paste used to apply on hands on auspicious occasions in Indian culture. Girls or women used to decorate their hand by mehndi as a temporary form of skin decoration.Mehndi can prevent too much stress because it cools the body and keeps the nerves from becoming tense.

Rumal Jhapatta: Rumal Jhapatta is the kind of an outdoor game organized in three rounds. First round was the selection of teams out of the total registered teams. In this game a handkerchief is used and placed inside the center circle. The players of both the team should remain outside the circle. The players of both the teams have to rotate around the circle atleast once and then only they can take the handkerchief from center

Open Mic: An open mic a live show at a coffeehouse, comedy club or institution at which audience members who are amateur performers or professionals who want to try out new material or plug an upcoming show are given the opportunity to perform onstage. Typically, as the name suggests, the performer is provided with a microphone which is plugged into a PA system, to make the individual's performance loud enough for the audience to hear. Often the performers sign up in advance for a time slot with the host or master of ceremonies, typically an experienced performer or the venue manager or owner. The master of ceremonies may screen potential candidates for suitability for the venue and give individuals a time to perform in the show.

Let's make a page: Let's make a page is the competition for making the best web page.. The participants has to make a web page which consists of a registration form with the given requirements. It was organized in the Net Lab on 15th March.

Solo/Duet Dance: Dance is a performing art form consisting of purposefully selected sequences of human movement. This movement has aesthetic and symbolic value, and is acknowledged as dance by performers and observers within a particular culture.]Dance can be categorized and described by its choreography, by its repertoire of movements, or by its historical period or place of origin. Solo/Duet dance competition organized in two rounds. First round was the audition round, wherein the teams had to show the dance routine and submit the songs to the coordinators. The main stage event was on 15th & 16th March, 2019.

Beg Borrow Steal: Beg Borrow Steal is organized in two rounds. It is a group event in which each team have two participants. First round was the registration round, where the interested person registers itself on the given website. The main round held on Hostel gate on 15th march, 2019.

Crazy Selfie: Crazy Selfie is the kind of fun activity where people have to make different type of funny faces or make the video of the respective task. This is an individual task and done with the help of crops (broom, whistle etc).

100m Race: The 100-meter sprint is an exciting event. One of the truest forms of human competition, sprinters must run in a straight line as fast as possible. The winner of the 100-meter sprint is the first runner to cross the finish line.

Tug of War: Tug of war is a sport that pits two teams against each other in a test of strength: teams pull on opposite ends of a rope, with the goal being to bring the rope a certain distance in one direction against the force of the opposing team's pull.

Poster Making: Poster Making is organized in two rounds. First round was the registration round, where the interested person registers itself on the given website. The main round,held on squash room on 16th march, 2019.

Facet Diva: Facet Diva is a event in which girls participate and undergo various rounds, being tested on the basis of strength, intelligence, physical appearance and personality. This is conducted by the fourth year student. And finally judges are smaller for final assessment.

Singing Star: Singing star is the singing competition organized in two rounds. First round was the audition round, wherein the Participants had to show the singing to the coordinators. The audition round was organized in basketball court at 9:30 PM to 10:30 PM on 11th march, 2019. Second round, the main stage event was kept to be held on 16th march, 2019.

Flash Mob: A flash mob is a group of people who assemble suddenly in a public place, perform an unusual and seemingly pointless act for a brief time, and then quickly disperse, often for the purposes of entertainment, satire, and artistic expression.

CREATIVE CORNER

SHADOW

Staring at those dark streets when you will feel all alone

Rising bright to the sun you will realize you were not alone

I was there walking with you

That identity in black following your footsteps

May be I got hidden in that darkness but I was there.

I will be that shadow of yours who will walk with you till eternity

When misfortune will try to take hold of you,

I will grow devilish to confront it.

I would hide myself behind the radiance of triumphs of your life

I will be that shadow of yours who will live your best and worst with you

I will be that shadow of yours who will be irrefutably yours.

-Riddhim Gupta
CS, II Year

-Poornima
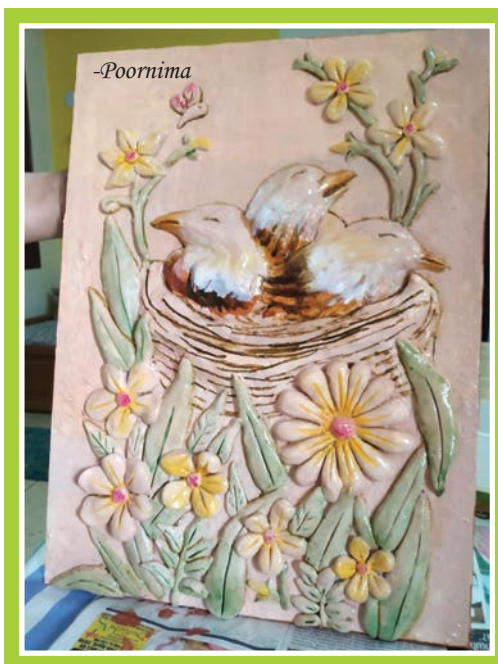
Why you take away their home?
Even when it's their own.

You are the one to come in between,
What if they will become mean?

They are the first ones to come on earth,
Your existence is not their worth.

Their air becomes your breath,
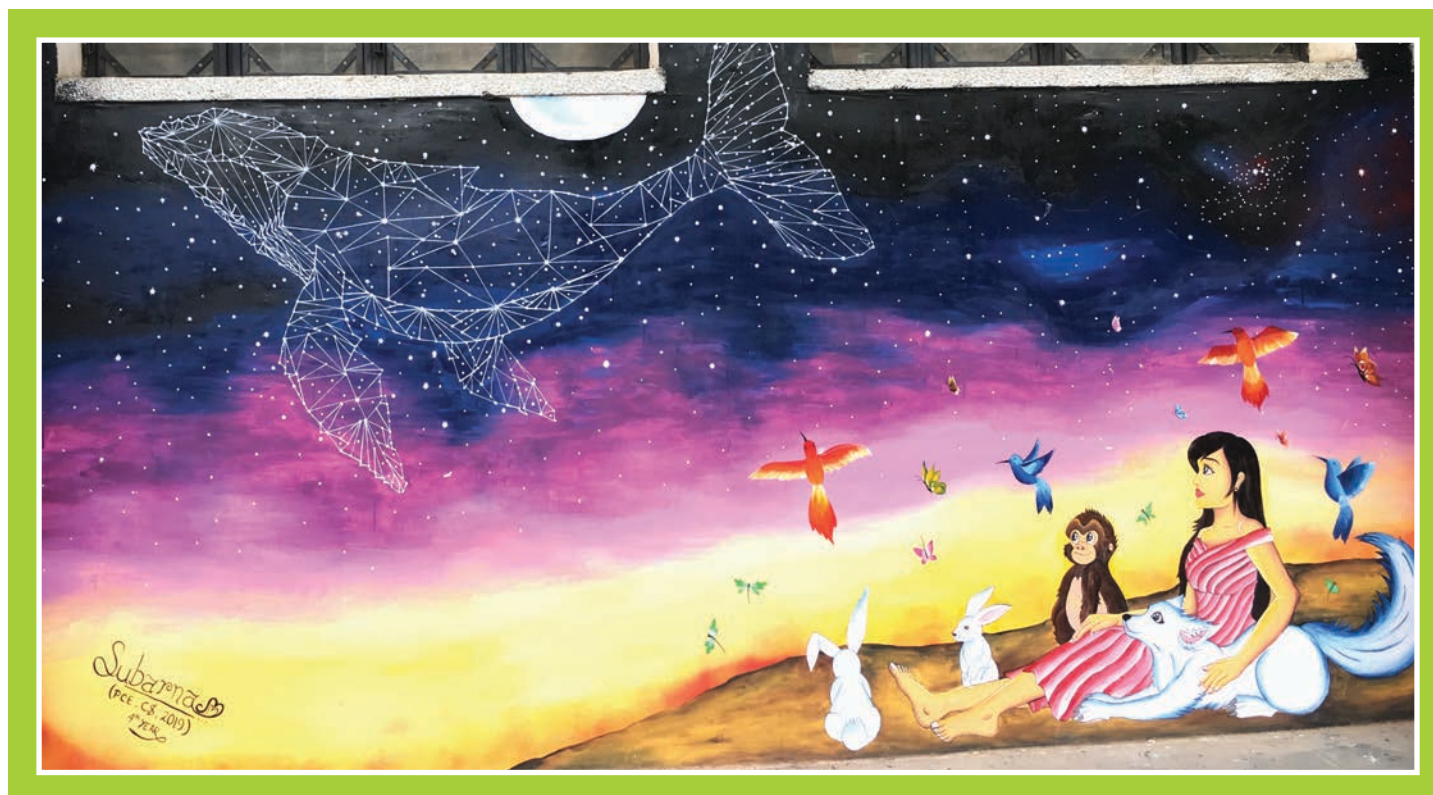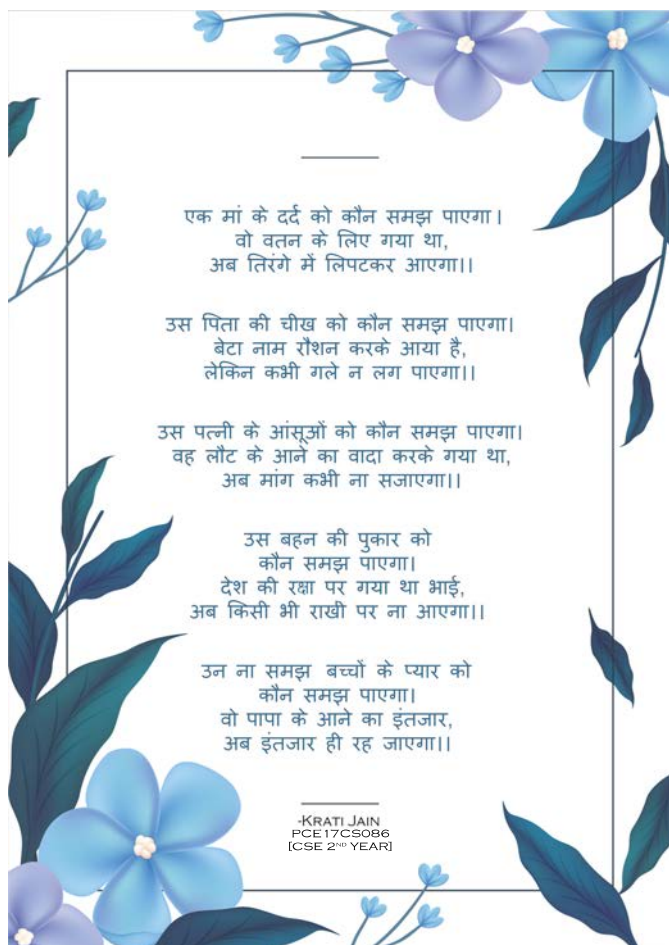And in return you give them a kiss of death.

-Shruti Ganeriwal
CS, III Year

परिंदा

होसला परिंदे से सीखो, जो पंख टूट जानें पर भी उड़ने की हर जद्दोजहत करता है ।

मालूम तो उसे भी होगा शायद कि मुश्किल है उड़ान भरना,
फिर भी हिम्मत जुटाने से नहीं दम भरता है ।

याद कर अपनों की अपने घर की, फिर एक बार उड़ने के लिए तैयार होता है।

गिरता है फिर उड़ता है, गिर–गिर कर बार–बार वो सम्भलता है।

लक्ष्य पाने खातिर, एक बार नहीं सौ बार अपनी किस्मत से लड़ता है ।

और आखिर फिर एक बार सम्भलते हुए, पंख सम्भाले उड़ने की कोशिश वो करता है ।

चाहतों को पूरा करने के लिए, खुद से लड़कर, फिर एक बार,

हाँ फिर एक बार उड़ान भरता है

-Akshima Gautam
Asst. Professor, Civil

-Vedika

एक मां के दर्द को कौन समझ पाएगा।
वो वतन के लिए गया था,
अब तिरंगे में लिपटकर आएगा।।

उस पिता की चीख को कौन समझ पाएगा।
बेटा नाम रौशन करके आया है,
लेकिन कभी गले न लग पाएगा।।

उस पत्नी के आंसूओं को कौन समझ पाएगा।
वह लौट के आने का वादा करके गया था,
अब मांग कभी ना सजाएगा।।

उस बहन की पुकार को
कौन समझ पाएगा।
देश की रक्षा पर गया था भाई,
अब किसी भी राखी पर ना आएगा।।

उन ना समझ बच्चों के प्यार को
कौन समझ पाएगा।
वो पापा के आने का इंतजार,
अब इंतजार ही रह जाएगा।।

-Krati Jain
PCE17CS086
[CSE 2ND YEAR]

-Rikti Jain

|| कॉलेज गान ||

जय जय जय पूर्णिमा संस्थान,
मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान ||1|| जय जय .....
उन्नत शिक्षा आदर्शों पर, आधारित जिसकी संरचना,
ज्ञानम् विना न किमपि साध्यम्, जिसका जीवन व्रत महान् ||2|| जय जय .....
युवा शिल्पी रहते रचनारत, यन्त्रा कला कौशल अपनाकर,
विद्युत, सूचना, संगणक से, अंतरिक्ष तक भरें उडान ||3|| जय जय .....
मानवता से करें प्रकाशित, ज्ञानदीप की लौ जलाकर,
तारागण सम सदा चमकते, जनमानस का करे कल्याण ||4|| जय जय .....
करें वन्दना, सरस्वती माँ की, पूर्ण हो मन की अभिलाषा,
सृजन हित दृढ़ नित परिश्रम, ध्येय राष्ट्र का नव निर्माण ||5|| जय जय .....

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