

POORNIMA WINNERS

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



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(Former Director, NIH, Roorkee)

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& Secretary, Shanti Education Society

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(Director, PCE)

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(Director, PF)

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Puneet, III Year, ME
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Anshu, III Year, CS
Aishwarya, I Year, CS

Special Thanks to:

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Enjoy the videos of the mega fest **Arohan 2K18** including kavyanjali and the musical eve at pg No's **22-23**

Note : Download the app (QR Code) on your mobile to access the videos.

Made by **Puneet Suthar (ME)**



Editor's Note

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



It gives me immense pleasure to present this unique creation in the form of the Annual Magazine 'Poornima Winners' of Poornima College of Engineering which serves as a platform to highlight the academics and non Academics segments of Poornima Family.

Poornima college of Engineering, an Odyssey that would transform your life forever. On the fast track towards redefining educational structure with a group of committed educators and consistent performers. Education gives freedom to grow and create a different society. So let us initiate an educational voyage to rewrite our own destiny cheerfully. To re-think, relive, re-organize your education dream here at Poornima College of Engineering, with unique set of pedagogies and International exposure in the educational world and academia.

No team can work without the expert guidance of a Team leader thinks like a leader, Honourable Chairman Sir Mr. Shashikant Singh "Spirited Spartan", assertive and an enthusiast who has nothing else to declare except his genius.

The making of this issue of Poornima Winners has been inspirational for me . We will continue to grow and unfold a series of miniature dreams and some unforgettable images with effortless fitness.

I extend my gratitude to all the respected dignitaries and management of Poornima College of Engineering who have contributed to this issue in their own special way.

My Best wishes to all the students of Poornima College of Engineering. Let us create a more enriched life with enhanced opportunities for success and fulfilment.

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.



Message

I am delighted to know that Poornima Foundation is bringing out Annual magazines of all its four constituent institutes, Poornima University, Poornima College of Engineering, Poornima Institute of Engineering and Technology and Poornima Group of Institutions. In this era of highly competitive world with ever changing technologies, I appreciate the efforts of Poornima Foundation for achieving excellent growth in the area of professional education in Rajasthan. I hope that the collective efforts of all associated with the institutions would provide opportunities for the students to ensure success in their career and life ahead.

My greetings and best wishes for reaching greater heights in the coming years and serve many more aspiring students of our state and country.

Smt. Vasundhara Raje
(Hon'ble Chief Minister, Rajasthan)



Message

I am happy to convey a message for the annual magazines of Poornima Group of Colleges for the year 2017-18. I was associated with the group for quite some years as the Chairman of the then Poornima JIET Education Foundation (PJF) Advisory Board and saw the institutions of the group growing over time. It is indeed a matter of great satisfactions field of higher education, the engineering and management disciplines in particular. The endeavour has been to develop the overall capabilities of the students and turning as competent professionals.

The publication of annual magazine of any educational institution is primarily meant to highlight important developments/ achievements during the course of the year, on the one hand, and to provide opportunity to the students and Faculty to show-case their talents and creative skills, on the other. It is praiseworthy that a large number of them have contributed articles for inclusion in the magazine. The Editorial Board seems to have worked hard for bringing out a quality publication containing useful material/ information for the readers. I compliment them.

I wish the Poornima Group a bright future.

Padma Bhushan Sh. D. R. Mehta
(Former Dy. Governor, RBI & Chairman, SEBI
Chairman, PJF Advisory Board)



Message

I am glad to learn that **Poornima College of Engineering (PCE)** is bringing out 2018 issues of their Annual Magazines on the themes of (Agricultural Development, Make in India, Swachch Bharat, English - A global language). Franklin D. Roosevelt had stated "**We cannot always build the future for our youth, but we can build our youth for the future.**" The PF right since its inception in year 2000 has focused on ensuring the overall development of competences and capabilities of its students.

India is recognized as one of the youngest nation worldwide. In order to materialize the energy of over 67.6 crore youths, our Hon'ble prime minister has launched Skill India, Make in India and Digital India initiatives. Green Energy and Smart Cities are both focused on means to ensure social, economic and environmental sustainability. We live in a dynamic world. Artificial Intelligence is changing everything. The world will forever change as a result of advances in AI. Modern India needs robust and innovative technology solutions, be it to improve the quality of life or to be on a par with global standards. This is a great challenge as well as opportunity for our young engineers to think ahead and gain competence.

Dear students, "You are the nation-builders. You are the movers of technology. You are the agents of change." You will have to be on a continuous learning mode to acquire new knowledge, new skills and new competence in this ever changing and competitive world of twenty first century. There are strong challenges to great efforts but, always remember, great effort bears the sweet fruit of success.

I am sure that the magazines make interesting matter, encompassing and reflecting the vibrant campus life and would prove to be a good platform to showcase achievements of faculty and students. I congratulate all contributors and wish excellent success to the coming issues of the magazines.

A handwritten signature in black ink, appearing to read 'S.M. Seth'.

(Dr. S.M. Seth)

Chairman, Emeritus PJ Foundation,
(Former Director, NIH, Roorkee)



Message

I am glad to learn that Poornima Foundation institutions are bringing out 2018 issue of their annual magazines. Poornima Foundation came into existence in the year 2000 and since then it has produced 16000+ skilled professionals that are working for the betterment of society. During its journey of around two decades Poornima Foundation always strived for overall development of its students as well as the Faculty and Staff members. Well balanced academics, sports and cultural activities have always been our predominance.

Currently India is undergoing a massive technological, social and economic churning with its commitment to problem concerning food, poverty and our environment. Each challenge the country faces is an opportunity for an aware engineer to serve other's needs and at the same time to create name for himself / herself. I hope that our students will rise to the occasion and lead the country during through its difficult phase of development with their skills and knowledge.

The essential purpose of College Magazine is to inform, engage, inspire and entertain a diverse readership by presenting an intimate, timely and honest portrait of the College. In the originality of its conception, in the excellence of its writing and visual presentation and in its commitment to accuracy, healthy discourse and editorial balance, the magazine endeavours to reflect the values and the quality of the institution itself.

I congratulate the members of the magazine editorial team for their whole hearted efforts in successful publication of magazines and wish an excellent success to the members of Poornima family in all of their endeavours.

Best wishes...

Shashikant Singhi
(Chairman, Poornima Foundation)



Message

I am glad to learn that **Poornima College of Engineering**, is coming up with its Annual Magazine – “**Poornima Winner**” for session 2017-18 on the theme – (Agricultural Development, Make in India, Swachch Bharat, English - A global language).

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 their endeavors my very best.

A handwritten signature in black ink, appearing to read 'Ar. Rahul Singhi'.

Ar. Rahul Singhi
(Director, Poornima Foundation)



From the Director's Desk...

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-2018. It is my proud privilege to congratulate all 460 students who got selected in renowned National and International Companies & Industries of repute. My deep sense of gratitude and best wishes, to all Seven (07) students of PCE, session 2016-17 for getting merit in Rajasthan Technical University (RTU), Kota. I want to congratulate Ms. Yashika Singhal, Department of Computer Science & Engineering and Mr. Akshit Sharma, Department of Electrical Engineering for making PCE Proud through their recognition as Merit Rank # 1 (Gold Medalist). My sincere appreciation to all the faculty, staff & students to make Poornima College of Engineering as Rank 2 institution of RTU, Kota in recent QIV grading of all 118 RTU affiliated institutions.

Dear Students, always keep in mind that the secret of success, the source of strength, the foundation of power and the path to glory and fame is knowledge. Knowledge is power and idea rule 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 the accomplishment of your target every day. Celebrate your success each time you reach a mile stone, acknowledge your accomplishments in a positive way. Celebrating your success will keep you focused towards your goal.

I hope that Winner-2018 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-2018 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-2018 and all the stakeholders of Poornima College of Engineering, Jaipur.

Jai Jai Poornima Sansthan, Jai Hind!

Dr. Om Prakash Sharma
(Director, Poornima College of Engineering)

PCE Governing Council Nineteenth Meeting, 2017



PJF Advisory Board Twentieth Meeting, 2017



CAMPUS & ITS GLIMPSES

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. for its quality based approaching technical education and is ranked the second position Rank 2 among all 118 RTU affiliated engineering 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.



PCE 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 Late 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.

PCE 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, PCE is spread over 52,500 square meters of constructed area. Approximately 3,700 students are enrolled here and over 1300 students reside in hostels.

PCE has a very strong research orientation and culture. What sets apart PCE 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.

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

PCE AT A GLANCE:

- The Legacy of PCE 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, 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 imbuing serene ambience.
- Promote research and development activities in the institution through research and development labs.
- Providing live industrial exposure through industrial visits, live projects, industry institute interaction and successfully completing funding project.
- Training to faculty members is given through mission 10x and other training programs.

**SHASHANK PANCHAL (ME)**

Placed in Pinnacle Infotech Solutions Pvt. Ltd

SHREYANSH PITALIYA (ME)

Placed in Infosys Ltd.



- Quality Enhancement in Engineering Education (direct to students) and the National Mission on Education through ICT (direct to faculty), PCE as an authorized remote center (1107), successfully executing two MHRD missions.
- Successfully running 18th Indian Institute of Remote Sensing (IIRS) outreach programmers of Government of India.
- Catering the needs of Technical boarding engineers house training programs on PLC, Micro-controller, Embedded Systems, Robotics, Java, etc. are imparted 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 Arohan, Aadhar, 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 center 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 successfully organizing multiple innovative learning practical based programs.
- 23 students' project sponsored by DST, Govt. of Rajasthan.
- Cracking exams like TOEFL\GRE\GMAT\CAT and other competitive exams are regular features of 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 from all corners of Jaipur is given.
- Non-syllabus projects and seminars for practical knowledge and implementation from 1st year onwards is a regular academic process.
- The magnificent central library with rich collection of 46,121 volumes of books with 6704 titles, 34 National and 30 International Journals and 45 Magazines and 110 Periodicals magazines along with other reading materials plus online subscription and membership of IEEE and DELNET.
- Anti-ragging squad, mentorship and tutorship providing secure teaching environment.
- College has 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 and clubs such as literary club, awareness club, green energy club etc. for overall department.
- Wi-Fi campus with Internet facility for students and faculty members.



INTAKE AT PCE

Poornima College of Engineering is committed to building 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 good learner in academics and non-academic. The intake at PCE is as follows:

B. TECH I Year Session 2017-18

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

UNIVERSITY RESULTS



PCE is committed to provide a successful future and better placement opportunities for the students. PCE 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. PCE has distinguished itself from other institutions by adding laurels towards glory by imparting quality education and having the best RTU results consistently. Since last 4 years (2012-17) PCE students have achieved **merit thirty six (36)** positions in RTU merit list.

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

I SEM

Session : 2016-17



HIMMAT SANGWA
(CIV) 81.8%



SHASHANK SHUKLA
(CIV) 80.8%



BHAVIKA SABNANI
(CE) 88.9%



DIKSHA BOTHRA
(CE) 87.5%



KUNIKA SARASWAT
(EC) 87.9%



SHUBHAM SINGHAL
(EC) 88.7%



NISHA SAINI
(EE) 88.4%



KAJAL SAINI
(EE) 87.3%



NISHTHA AGARWAL
(IT) 87.2%



MOHIT AGARWAL
(IT) 84.2%



VINEET SHARMA
(ME) 88.4%



MANVENDRA SINGH
(ME) 88.4%

II SEM

Session : 2016-17



HIMMAT SANGWA
(CIV) 75.5%



SHASHANK SHUKLA
(CIV) 75.8%



SAKSHI AGARWAL
(CE) 80.6%



DIKSHA BOTHRA
(CE) 81.6%



SALONI JAJU
(EC) 79.0%



KUMAR SAURAV
(EC) 78.1%

Academic Stars Make Poornima Proud



NISHA SAINI
(EE) 82.8%



NISHA SAINI
(EE) 81.8%



SANJOLI JAIN
(IT) 77.0%



AYUSH TRIVEDI
(IT) 74.5%



VINEET SHARMA
(ME) 81.6%



NAVNEET SHARMA
(ME) 81.4%

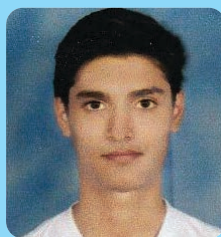
III SEM Session : 2016-17



SANDESH AGARWAL
(CIV) 80.5%



SURAJPAL SINGH
(CIV) 78.6%



DIVYANSH PACHAURI
(CE) 83.2%



NITISHA JAIN
(CE) 82.5%



SAKSHI SHARMA
(EC) 86.3%



ESHA GUPTA
(EC) 81.3%



KHUSHBOO CHHABRA
(EC) 81.3%



MRIGANKA MATHUR
(EE) 83.5%



VISHANK BEEL
(EE) 81.3%



PRAKSHI AGRAWAL
(IT) 80.8%



ANKITA RAO
(IT) 73.7%



SHIVAM PANERI
(ME) 82.7%



AYUSH JOSHI
(ME) 80.1%

Academic Stars Make Poornima Proud

IV SEM

Session : 2016-17



SANDESH AGARWAL
(CIV) 79.3%



JATIN KANWAT
(CIV) 79.1%



DIVYANSH PACHAURI
(CE) 83.7%



ARPIT GARG
(CE) 83.2%



KHUSHBOO CHHABRA
(EC) 82.0%



SAKSHI SHARMA
(EC) 80.3%



VISHANK BEEL
(EE) 80.5%



AJAY MEENA
(EE) 78.5%



VIJAYA NANDWANA
(IT) 81.7%



PRAKSHI AGRAWAL
(IT) 80.8%



SHIVAM PANERI
(ME) 81.3%



SHIVANSH GAUTAM
(ME) 80.5%

V SEM

Session : 2016-17



KHYATI SETHI
(CIV) 78.9%



PURUSHOTTAM KUMAR
(CIV) 78.6%



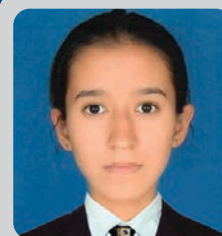
SHREYA SHARMA
(CE) 83.7%



BHAVNA JHA
(CE) 82.3%



POOJA SHARMA
(EC) 84.6%



KAREENA BISHT
(EC) 83.3%

Academic Stars Make Poornima Proud



PRACHI SHRINGI
(EE) 82.2%



DEEPIKA DHAKAD
(EE) 81.6%



RUPALI PANDEY
(IT) 79.2%



RUPAL JHALANI
(IT) 78.7%



RAHUL SHARMA
(ME) 85.0%



SAMRAT SINGH JADON
(ME) 80.8%

VI SEM Session : 2016-17



SHASHANK RAJ ONKAR
(CIV) 79.5%



ANKITA
(CIV) 79.4%



RIPAN DEEP KOUR
(CE) 84.4%



AKSHATA SHARMA
(CE) 83.9%



KAREENA BISHT
(EC) 83.5%



POOJA SAIN
(EC) 80.7%



SHAINA AGWAN
(EE) 86.0%



KAMLESH KUMAR SAINI
(EE) 82.7%



RUPAL JHALANI
(IT) 76.7%



SIMRAN JAISWAL
(IT) 76.0%



RAHUL SHARMA
(ME) 82.9%



AMIT KUMAR
(ME) 81.4%



PRASHANT RAWAT
(ME) 81.4%

Academic Stars Make Poornima Proud

VII SEM

Session : 2016-17



GAURAV GUPTA
(CIV) 85.8%



SHARAD KUMAWAT
(CIV) 80.4%



YASHIKA SINGHAL
(CE) 83.7%



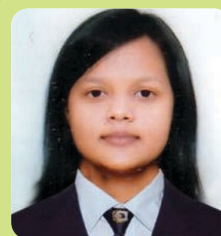
SANJAY SHARMA
(CE) 83.2%



SALONI
(EC) 90.1%



HARSHIT SHARMA
(EC) 87.8%



VARTIKA SRIVASTAVA
(EC) 87.5%



AKSHIT SHARMA
(EE) 85.2%



DEEKSHA MITTAL
(EE) 84.8%



MANISHA GUPTA
(EE) 81.7%



AISHWARYA LODHA
(EIC) 78.5%



ALISHA
(EIC) 78.4%



VARSHA RANI
(EIC) 73.6%



VISHAL VERMA
(IT) 79.9%



VRINDA GOYAL
(IT) 78.5%



SHALINI SINGH
(IT) 77.3%



ATUL KUMAR
(ME) 80.1%



YUVRAJ HADA
(ME) 78.1%



PIYUSH TIWARI
(ME) 77.2%

Academic Stars Make Poornima Proud

VIII SEM

Session : 2016-17



GAURAV GUPTA
(CIV) 88.8%



NISHANT AGARWAL
(CIV) 87.4%



YASHIKA SINGHAL
(CE) 92.8%



GUNJAN
(CE) 91.7%



HARSHIT SHARMA
(EC) 90.3%



SALONI
(EC) 89.6%



ASHWANI KUMAR
(EC) 80.5%



SHASHI RAJ
(EE) 89.0%



AKSHIT SHARMA
(EE) 88.7%



VANDNA NUNIA
(EE) 88.3%



AISHWARYA LODHA
(EIC) 80.2%



HITESH CHOUDHARY
(EIC) 79.4%



ALISHA
(EIC) 75.3%



VRINDA GOYAL
(IT) 81.4%



LAKSHYA KHADELWAL
(IT) 80.3%



SWATI KHADELWAL
(IT) 79.1%



YUVRAJ HADA
(ME) 86.5%



ATUL KUMAR
(ME) 83.4%



SHUBHAM RAO
(ME) 81.6%



VINAYAK SINGH (ME)
Placed in Infosys Ltd.

YASH SARAF (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



RECOGNITION OF STUDENTS' PERFORMANCE

PCE is rich in rituals and traditions. One of its rituals is Kalanidhi- the annual prize distribution ceremony. Kalanidhi 2K17 is celebrated in the month of October every year 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. 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, best seminar etc. Students wait for this event eagerly with great enthusiasm to receive recognition and cash awards from the honorable college authorities. To sustain the excellence in the academic programs is the pivot factor of PCE. The moral of students is always kept at the peak to the recognition in the form of awards and honors bestowed to students. The students who were felicitated in Kalanidhi 2K17 under different categories were as follows:

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

Year	Name of Student	Branch	Marks Obtained
IV Year	SALONI	EC	(1797 / 2000)
III Year	RAHUL SHARMA	ME	(1679 / 2000)

GOLD MEDALIST WITH ₹ 5100/- CASH & CERTIFICATE TOPPER : SESSION 2015-16

Year	Name of Student	Branch	Marks Obtained
II Year	KAREENA BISHT	EC	(1721 / 2000)
I Year	VINAY POKHARNA	EC	(1675 / 2000)
I Year	NEHAL JAIN	CE	(1763 / 2000)
I Year	VISHANK BEEL	EE	(1681 / 2000)
I Year	MRIGANKA MATHUR	EE	(1789 / 2000)

OUTSTANDING BOY PRIZE MONEY- RS. 2100/-

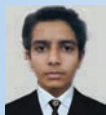
Year	Branch	Name of Student
II Year	EC	KUMAR SAURAV
III Year	CIVIL	ARPIT GARG
III Year	ME	DIGVIJAY SINGH NIRWAN
IV Year	ME	ABHISHEK SHARMA
IV Year	CIVIL	RAHUL SINGHAL
IV Year	CIVIL	SHASHANK RAJ ONKAR

OUTSTANDING GIRL PRIZE MONEY- RS.2100/-

Year	Branch	Name of Student
II Year	IT	NANDINI SAHA
III Year	EC	KHUSHBOO CHHABRA
III Year	CIVIL	SNEHA PAREEK
IV Year	IT	RUPALI PANDEY
IV Year	EE	SHAINA AGWAN
IV Year	EC	KAREENA BISHT

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

Year	Name of Student	Branch	Marks Obtained
IV Year	GAURAV GUPTA	CIVIL	1746 / 2000
IV Year	KUMARI PRERNA	CE	1746 / 2000
IV Year	YASHIKA SINGHAL	CE	1787 / 2000
IV Year	AKSHITA SURANA	CE	1747 / 2000
IV Year	HARSHIT SHARMA	EC	1781 / 2000
IV Year	SHUBHAM METHI	EC	1719 / 2000
IV Year	VARTIKA SRIVASTAVA	EC	1745 / 2000
IV Year	AKSHIT SHARMA	EE	1739 / 2000
IV Year	PRASHANT JAIN	EE	1624 / 2000
IV Year	VANDNA NUNIA	EE	1690 / 2000
IV Year	DEEKSHA MITTAL	EE	1686 / 2000
IV Year	AISHWARYA LODHA	EI	1587 / 2000
IV Year	VRINDA GOYAL	IT	1599 / 2000
IV Year	ATUL KUMAR	ME	1635 / 2000
IV Year	SHUBHAM YADUVANSHI	ME	1511 / 2000
IV Year	YUVRAJ HADA	ME	1646 / 2000
III Year	SHASHANK RAJ ONKAR	CIVIL	1576 / 2000
III Year	AKSHATA SHARMA	CE	1648 / 2000
III Year	SURBHI TRIPATHI	CE	1633 / 2000
III Year	SHREYA SHARMA	CE	1636 / 2000
III Year	KAREENA BISHT	EC	1671 / 2000
III Year	POOJA SHARMA	EC	1644 / 2000
III Year	POOJA SAIN	EC	1634 / 2000
III Year	DEEPIKA DHAKAD	EE	1610 / 2000
III Year	PRACHI SHRINGI	EE	1634 / 2000
III Year	SHAINA AGWAN	EE	1662 / 2000
III Year	KAMLESH KUMAR SAINI	EE	1600 / 2000
III Year	RUPAL JHALANI	IT	1553 / 2000
III Year	GAURAV KUMAR	ME	1571 / 2000
III Year	SAMRAT SINGH JADON	ME	1588 / 2000
III Year	GULSHAN AGRAWAL	ME	1584 / 2000



LOVENISH GUPTA (CS)
Placed in Infosys Ltd., Sprinklr Pvt. Ltd.

MADHURI SHARMA (CS)
Placed in Infosys Ltd.



**SILVER MEDAL WITH RS. 2100/- CASH
& CERTIFICATE (SESSION 2015-16)**

Year	Name of Student	Branch	Marks Obtained
II Year	SHASHANK RAJ ONKAR	CIVIL	1590 / 2000
II Year	AKSHATA SHARMA	CE	1621 / 2000
II Year	PRATHMESH GUNTHEY	CE	1564 / 2000
II Year	SHREYA SHARMA	CE	1617 / 2000
II Year	MOHIT SHARMA	EC	1606 / 2000
II Year	POOJA SHARMA	EC	1713 / 2000
II Year	POOJA SAIN	EC	1620 / 2000
II Year	AKASH KUMAR SINHA	EE	1678 / 2000
II Year	PRACHI SHRINGI	EE	1607 / 2000
II Year	SHAINA AGWAN	EE	1632 / 2000
II Year	ABHAY NATH DUBEY	EE	1593 / 2000
II Year	RUPALI PANDEY	IT	1641 / 2000
II Year	GAURAV KUMAR	ME	1593 / 2000
II Year	RAHUL SHARMA	ME	1689 / 2000
II Year	DEVENDRA	ME	1529 / 2000
I Year	AAYUSHI PORWAL	CE	1683 / 2000
I Year	JAGRATI KATARIYA	CE	1683 / 2000
I Year	NITISHA JAIN	CE	1761 / 2000
I Year	ANUSHKA MUJAWDIYA	CE	1641 / 2000
I Year	APARNA TYAGI	IT	1651 / 2000
I Year	ISHIKA SHAKTAWAT	EC	1687 / 2000
I Year	VISHESHTA GAUTAM	EC	1672 / 2000
I Year	KHUSHBOO CHHABRA	EC	1630 / 2000
I Year	ASHWANI SHARMA	EE	1622 / 2000
I Year	HRITVIK TRIPATHI	EE	1636 / 2000
I Year	SOURABH SHARMA	EE	1642 / 2000
I Year	NEHAL BANSAL	EE	1599 / 2000
I Year	AYUSH JOSHI	ME	1629 / 2000
I Year	SAHIL GUPTA	ME	1622 / 2000
I Year	SHIVAM PANERI	ME	1649 / 2000
I Year	SANDESH AGARWAL	CIVIL	1669 / 2000

**BASANT KANWAR SETH MEMORIAL AWARD
WITH RS. 3500/- CASH (SESSION 2015-16)**

Year	Name of Student	Branch	Marks Obtained
I Year	MRIGANKA MATHUR	EE	(1789 / 2000)

BEST PMEPI STUDENT PRIZE MONEY- RS.2100/-

Year	Branch	Name of Student
III Year	MT	DEVESH PRATAP SINGH
IV Year	EC	RUPESH ACHARYA
IV Year	EC	CHANDNI MATHUR

BEST ATTENDANCE AWARD PRIZE MONEY-RS.1100

Year	Branch	Name of Student
I Year	CIVIL	RAHUL KUMAR MITTAL
I Year	CIVIL	AYUSH TODI
I Year	EE	RAJNISH PUSHKARNA
I Year	IT	MOHIT AGARWAL
III Year	EC	ARPIT GUPTA
III Year	ME	PRASHANT KUMAR RAWAT

BEST PERFORMANCE PRIZE MONEY- RS.2100/-

Year	Branch	Name of Student
IV Year	EC	KUMAR AISHWARYA
IV Year	IT	AYUSH
III Year	MT	DURGESH SHUKLA

BEST CODING AWARD PRIZE MONEY- RS.2100/-

Year	Branch	Name of Student
IV Year	IT	RUPAL JHALANI
II Year	CIVIL	CHAYAN SHRI SHRIMAL
III Year	CIVIL	HANISH PACHORI

BEST CULTURAL GIRL PRIZE MONEY- RS. 2100/-

Year	Branch	Name of Student
III Year	EC	VISHESHTA GAUTAM

BEST CULTURAL BOY PRIZE MONEY- RS. 2100/-

Year	Branch	Name of Student
IV Year	ME	PUNIT CHHIPA

BEST BOY PRIZE MONEY- RS. 7500/-

Year	Branch	Name of Student
IV Year	ME	GAURAV KUMAR

BEST SPORTS BOY PRIZE MONEY- RS. 2100/-

Year	Branch	Name of Student
IV Year	ME	MANOJ KUMAR KHATEEK

BEST SPORTS GIRL PRIZE MONEY- RS. 2100/-

Year	Branch	Name of Student
III Year	EE	NISHA MEENA



MEHAK MATHUR (CE)
Placed in Activant Solutions Pvt. Ltd.

NAMAN MUNET (CE)
Placed in Infosys Ltd.



ANECDOTES OF PCE

1. **PCE has been Ranked Second (Rank-2)** by Rajasthan Technical University in recent grading of its 118 affiliated colleges. Rankings is based on QIV parameters including placement, faculty, academics and results.
2. **PCE, Department of Computer Engineering and Electronics & Communication Engineering are accredited by National Board of Accreditation (NBA). Department of Mechanical Engineering and Electrical Engineering are awaiting their NBA results.**
3. **PCE is successfully running 3 MHRD programme: National Mission on Education through ICT (NMEICT), IIT Bombay – Direct to faculty Programme and Spoken Tutorials, QEEE, IIT Madras Programme and IIRS Outreach Programme– Direct to student.**
4. **Total 02 workshops in different area were organized by PCE under MHRD Programme - Direct to faculty. Two Days ISTE SSP on Introduction to Machine Learning on 16th & 17th December, 2017 and Two week ISTE STTP on Electric Power System under IIT Kharagpur from 10th to 15th July, 2017.**
5. **PCE has been recognized as QEEE Committed College by IIT, Madras. PCE students were awarded by IIT Madras with 128 Certificates of Excellence and 56 Certificates of Participation in 7 Registered QEEE courses.**
6. **On 22nd August 2017, Dr. B. K. Sharma, Prof. Department of ME received a grant from AICTE, New Delhi of Rs. 5 lac for conducting Faculty Development Program on “Moral Values, Ethics, Behavioral Science and Attitude”.**
7. **PCE has been awarded as Advance Partner Institute by Infosys for successfully running Campus Connect Programme and outstanding performance of students in Infosys placement drive since last 4 year.**
8. **PCE 07 Students of Batch 2013-17, has secured place in RTU Merit list. Two students namely Ms. YASHIKA SINGHAL (87.22%) of Dept. of Computer Engineering & Mr. AKSHIT SHARMA (86.26%) of Dept. of Electrical Engineering secured Rank 1 and are Gold Medalist.**
9. **Total 22 students (EE-04, IT-01, CSE-05, CIV-05, and ME-07) selected in GATE Examination 2018 with good percentile. Shreyansh Pitaliya ME (71.22); Mohit Pareek ME (62.24); Naresh Kumar Saini ME (49.65) and Kamaljeet CIV (49.42) are some of them.**
10. **Total 10 M. Tech students' thesis approved by RTU for session 2017-18 guided by Dr. Om Prakash Sharma, Prof. D.S. Kumani, Dr. Ajay Khunteta and Mr. Shirish Nagar.**
11. **460 students placed (52 in Pinnacle, 33 in SSB Indian Navy, 22 in Capgemini, 60 in Infosys, 16 in Capital Aim, 21 in Micromax, 58 in Chegg India Pvt. Ltd., 14 in Shriram Transport, 4 in IBM, 11 in TCS as major recruiter and 46 Off Campus) in reputed industries/organization till date.**
12. **48 technical publications by 24 faculty members of CS, IT, EE, EC, ME, CIV, Maths, Chemistry, English and Humanities in various International/National Journals/Conference till date.**
13. **15 books during session 2017-18 were published by faculties of Dept. of CS, IT, EE, EC, ME, CIV, Maths, Chemistry, English and Humanities.**
14. **PCE WISE has organized eight (08) activities on various issue of importance such as health, environment, awareness programme, etc.**
15. **Our student project “Hayagriva” a hybrid vehicle a FORMULA-4 racing car made by 26 students of Dept. of ME, EC and EE won cash prize of 1.2 lac in an international platform held at BIC Noida during Jan. 17-21, 2018.**
16. **Ms. Rupal Jhalani cleared all rounds of TCS code vita and got offer letter from TCS on 8th Sept. 2017.**
17. **Director, PCE participated in Adobe Education Leaders seminar on 28-30 June, 2017 at Hyatt Regency, Hua Hin, Thailand.**
18. **Dr. Om Prakash Sharma received a grant of Rs. 11.50 /- Lakh form All India Council for Technical Education, New Delhi, India under AQIS Scheme of MODROBS for Advancement in Wireless and Optical Fiber Lab for session 2017-18.**



NEHA (CE)
Placed in Infosys Ltd. (3.25 LPA)

NIKHIL ANAND (CE)
Placed in Capgemini India Ltd.



19. **Dr. Shilpi Jain** received a project grant on “A study of the fixed point theory and applications via fractional calculus” recommended by **Mathematical Research Impact Centric Support (MATRICS)** to the **Science and Engineering Board (SERB)** for funding Rs. 2,20,000/- per annum for three years from session 2017-18 onwards.
20. **2 teams** of PCE consisting of students from department of CS, IT & EC were shortlisted for the final round of **Smart India Hackathon 2018**.
21. PCE has received fund of more than **3 Lakh** rupees in respect of **23 Projects** from **DST** for the session **2017-18**.
22. PCE has received fund of **Rs. 6 Lakh** from **RTU** under **TEQIP-III** phase for **FDP** on **APSPE** and **OBE** for the session **2017-18**.
23. **6 students** grabbed **WINNER** (12000/-) & **RUNNER UP** (8000/-) positions respectively in **THAR** organized among RTU affiliated institution in the month of march 2018.
24. Department of **Mechanical Engineering** has received **ASHRAE – Best Student Chapter Award 2018** and a cash amount of **Rs. 45,000/-** on **7th April, 2018**.
25. A team of total 11 students out of which 7 students were from **Department of IT** (II Year-2, III Year – 4 & IV Yr 1) won the **1st prize** (Medal and a Cash Prize of Rs. 4000/- per member) in the **Grand Finale** of national level technical competition **Rotary InTech Olympiad-2018** held on **17th February, 2018** at **College of Engineering, Pune**.
26. A student of **II Year IT Nandini Saha** (one of the members of a team of 6 students from different colleges) won the **4th Rank and won** Medal and a Cash Prize of Rs. 3000/- in the grand finale of national level technical competition **Rotary InTech Olympiad-2018** held on **17th February, 2018** at **College of Engineering, Pune**.

RTU Merits – Session: 2016-17



Yashika Singhal (CE)
Merit Rank - 1
Percentage: 87.22



Akshit Sharma (EE)
Merit Rank - 1
Percentage: 86.26



Gunjan (CE)
Merit Rank - 6
Percentage: 85.19



Saloni (EC)
Merit Rank - 7
Percentage: 84.90



Kumari Prerna (CE)
Merit Rank - 9
Percentage: 84.63



Harshit Sharma (EC)
Merit Rank - 9
Percentage: 84.5



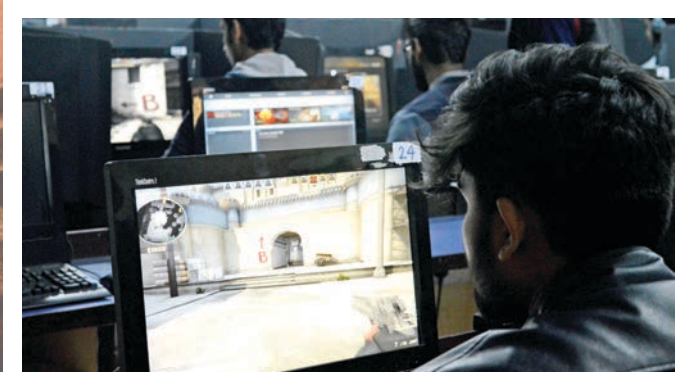
Aishwarya Lodha (EIC)
Merit Rank - 7
Percentage: 75.71

KAVI SAMMELAN & MUSICAL EVE

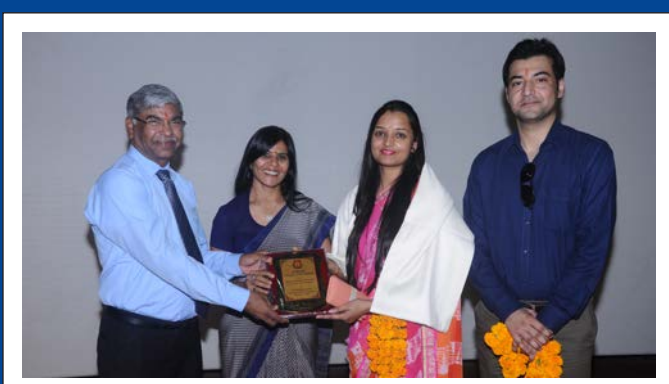


EVENTS IN AAROHAN

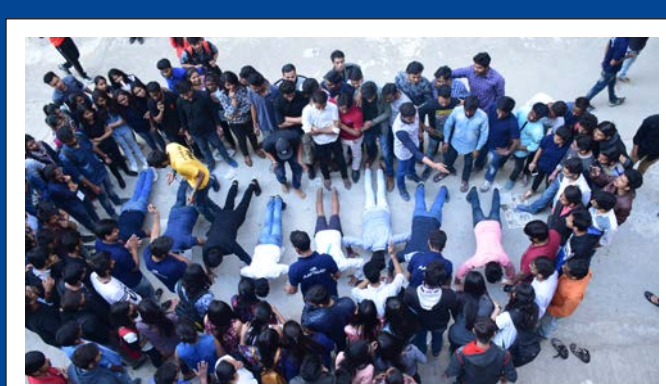
CLUB / CULTURAL / SPORTS / TECHNICAL



Radiant memories to cherish



Radiant memories to cherish





INITIATIVES AND BENCHMARKS AT PCE

CENTRAL LIBRARY:

Central Library at PCE has the largest collection of books, scientific journals, monthly periodicals, professional (IEEE, DELNET etc.) 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 at PCE 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.

Central Library is divided into three main sections:

S. No.	Floor	Known as	Collection/Facilities
1.	Ground Floor (Single Entry Point)	E-Library and Report Section, M. Tech	<ul style="list-style-type: none"> • 28 PC's with net connections for browsing E-journals/ books • Projects/Technical Reports (M.Tech Students) • Books Collection for M. Tech Students • Reading Area • E-publication
2.	First Floor	Main Book Section	<ul style="list-style-type: none"> • Branch wise arrangement of books • Issue/Return counter • Library Reception counter • Library office • Reading area
3.	Second Floor	Reference and Periodical Section	<ul style="list-style-type: none"> • Reference Books • Display of Journals / Magazines on periodical racks • Reading area • Store

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. PCE Library consists of modules on acquisition, cataloguing, circulation, serials, article indexing and OPAC. 14 CCTV cameras are also installed for security purpose. The central library is housed in an independent, three-storied building with an area of 1350 sqm.

OPAC SEARCH:

Online public Access Catalogue (OPAC) is helpful in locating a book in the library making it smart. 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.



NIKHIL SINGH (CE)
Placed in Infosys Ltd., TCS



NILABH MATHUR (CE)
Placed in Infosys Ltd.

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	1,426
b.	Magazines	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 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 feed 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.



NIMESH SHARMA (CE)
Placed in TCS

PRACHI ADVANI (CE)
Placed in Infosys Ltd., IBM India



PLACEMENT AT A GLANCE

ACTIVANT SOLUTIONS PVT. LTD.

S. No.	Name of Student	Branch
1	PRANAV SHARMA	CE
2	SHARAD RANJAN	CE
3	VENU GOPAL	CE
4	ADITYA PAREEK	CE
5	MEHAK MATHUR	CE
6	SIYA JOSHI	ECE
7	NEETU SHARMA	EE
8	RUCHI SAINI	EE
9	VINISHAPARWANI	IT
10	ADITYA SINWAR	ME
11	DEVANSH SHARMA	ME
12	SIMRAN JAISWAL	IT

AURIGA IT

S. No.	Name of Student	Branch
1	SHRIDHAR DHANOPIA	CE

BPL - MICROMAX

S. No.	Name of Student	Branch
1	AAYUSHI .	ECE
2	ANUSHREE JAIN	ECE
3	GARIMA CHAUDHARY	ECE
4	KAVITA UNNIKRISHNAN	ECE
5	NIKITA SUSAN SAJU	ECE
6	NITU CHOUDHARY	ECE
7	ARPITA SHUKLA .	ECE
8	PREETI RAWAT	ECE
9	ROOPAL DHOOT	ECE
10	SALONISONI	ECE
11	SAMEEKSHA GUPTA	ECE
12	SAMIYA GAURI	ECE
13	HIMANSHI AGRAWAL	EE
14	NEELAM SHARMA	EE

COLLABERA SERVICES PVT. LTD.

S. No.	Name of Student	Branch
1	SAKSHI SHARMA	CE
2	BHAVIKA TIKYANI	CE
3	RITVIK CHATURVEDI	EE

DECURTIS CORPORATION

S. No.	Name of Student	Branch
1	AYUSH	IT

CAPGEMINI INDIA LTD.

S. No.	Name of Student	Branch
1	ALISHA GOYAL	CE
2	AMAN JAKHAR	CE
3	ANURAG ACHARYA	CE
4	KULDEEP .	CE
5	NIKHIL ANAND	CE
6	RIPAN DEEP KOUR	CE
7	VANSHIKA JAISWAL	CE
8	ARUSHI CHATURVEDI	ECE
9	SALONI SHARMA	ECE
10	CHHAVIPAREEK	ECE
11	KUMAR AISHWARYA	ECE
12	PALAK ADHIKARI	ECE
13	PALLAVI PARWANI	ECE
14	SAURABH VYAS	ECE
15	ABHAY NATH DUBEY	EE
16	ARUSHI SINGH	IT
17	KARAN UPNEJA	IT

EVOLPHIN SOFTWARE

S. No.	Name of Student	Branch
1	SUSHANT BADYAL	CE

GRAM POWER INDIA PRIVATE LIMITED

S. No.	Name of Student	Branch
1	SHAINA AGWAN	EE
2	UPENDRA KUMAR	EE

SPRINKLR PVT. LTD.

S. No.	Name of Student	Branch
1	LOVENISH GUPTA	CE

TCS

S. No.	Name of Student	Branch
1	NIKHIL SINGH	CE
2	ROHIT RAJ	CE
3	KAREENA BISHT	ECE
4	HARSHITA PALIWAL	CE
5	NIKHIL MOOLWANI	CE
6	RISHI RAJ SINGH	CE
7	AKANKSHA SHARMA	CE
8	NIMESH SHARMA	CE



PRAGYA SHARMA (CE)
Placed in Infosys Ltd.



PRANAV SHARMA (CE)
Placed in Activant Solutions Pvt. Ltd.

INFOSYS LTD.

S. No.	Name of Student	Branch
1	AKSHAR GOSWAMI	CE
2	AKSHATA SHARMA	CE
3	ANJALI GUPTA	CE
4	ASHISH MAURYA	CE
5	ASHWARYA CHHABRA	CE
6	ASHWINI KHANDAL	CE
7	AYUSH JAIN	CE
8	DEEKSHA JOSHI	CE
9	GAURAV DWIVEDI	CE
10	GAURAV SHARMA	CE
11	ISHA BHATNAGAR	CE
12	MADHURI SHARMA	CE
13	NAMANMUNET	CE
14	NEHA .	CE
15	NILABH MATHUR	CE
16	PRATHMESHGUNTHEY	CE
17	PRIYANKA SAIN	CE
18	RAHUL SINGHAL	CE
19	SHRUTI AGRAWAL	CE
20	VAISHNAVI KHANDELWAL	CE
21	APURVA CHASTA	CE
22	DARSHI JAIN	CE
23	DIVYA PATEL	CE
24	JUHI SRIVASTAVA	CE
25	PRAGYA SHARMA	CE
26	SAATWIK .	CE
27	SHREYA SHARMA .	CE
28	VINEE JAIN	CE
29	SHWETA MEENA	CIVIL
30	ARNAV SINGH	ECE
31	JAGRATI VIJAY	ECE
32	PRAGYA CHIMNANI	ECE
33	PRIYA GARG	ECE
34	RISHABH MODI	ECE
35	SHIKHA AGNIHOTRI	ECE
36	SHIVANI KUMAWAT	ECE
37	SHUBHAM PANCHOLI	ECE
38	SONAL AGRAWAL	ECE
39	SONAL SHARMA	ECE
40	ADITYA SHARMA	ECE

S. No.	Name of Student	Branch
41	ZEESHAN AHMAD	ECE
42	HARSH VARDHAN SINGH	EE
43	SAKSHI SHRIMAL	EE
44	RIYA HINGAD	IT
45	SHAASWAT MUKHERJEE	IT
46	VAIBHAV KANERIA	IT
47	MANAN TIWARI	ME
48	NISHANT YOGI	ME
49	SHASHANK GUPTA	ME
50	SHREYANSHPITALIYA	ME
51	ANMOL BANSAL	ME
52	VINAYAK SINGH	ME
53	DIVYAKHATNAR	CE
54	PRACHI ADVANI	CE
55	SONAL MATHUR	CE
56	KHYATISETHI	CIVIL
57	LOVENISH GUPTA	CE
58	NIKHIL SINGH	CE
59	ROHIT RAJ	CE
60	KAREENA BISHT	ECE

IBM

S. No.	Name of Student	Branch
1	DIVYAKHATNAR	CE
2	PRACHI ADVANI	CE
3	SONAL MATHUR	CE

SAP LABS

S. No.	Name of Student	Branch
1	ANTRIKSH CHHIPA	CE

SHILPA ALLOYS

S. No.	Name of Student	Branch
1	DHRUVA KHANDAL	ME
2	SANJEEV VERMA	ME

SKILLROCK TECHNOLOGIES

S. No.	Name of Student	Branch
1	AKSHAY SINGH CHAUHAN	CE
2	ANTRIKSH CHHIPA	CE



PRATHMESH GUNTHEY (CE)
Placed in Infosys Ltd.

PRIYANKA GURDASWANI (CE)
Placed in Capgemini India Ltd., TCS



PINNACLE INFOTECH SOLUTIONS

S. No.	Name of Student	Branch
1	CHIRAG GARG	CIVIL
2	MONA SHARMA	CIVIL
3	SAURAV KUMAR	CIVIL
4	SHASHANK RAJ ONKAR	CIVIL
5	UDIT GUPTA	CIVIL
6	ABHAY PRATAP SINGH	EE
7	ANKIT KUMAR BARNWAL	EE
8	DHAVAL GUPTA	EE
9	MAHESH MENARIYA	EE
10	UDIT SHARMA	EE
11	VIRENDRA SINGH CHAUHAN	EE
12	DHARMENDRA KUMAR	EE
13	DIVYANSHU SISODIA	EE
14	SWAPNIL SOLANKI	EE
15	AKHE SINGH	ME
16	AMIT KUMAR	ME
17	ANKIT KUMAR KUMAWAT	ME
18	ANKUJ SHEKHAWAT	ME
19	ASHISH AGARWAL	ME
20	ASHISH KUMAR MISHRA	ME
21	ASHISH MALI	ME
22	AYUSH TOLAMBIYA	ME
23	BHAGRAJ CHOUDHARY	ME
24	DIVYANSHU RAKH	ME
25	GAURANG SHARMA	ME
26	KARTIK KUMAR SONI	ME
27	KULDEEP KHICHAIR	ME
28	MANOJ KUMAR KHATEEK	ME
29	MUKESHKUMAWAT	ME
30	NIKET AGARWAL	ME
31	PRASHANT KUMAR RAWAT	ME
32	PUNIT CHHIPA	ME
33	RAHUL SHARMA .	ME
34	RISHABH NANDAWAT	ME
35	SHASHANK PANCHAL	ME
36	YASH SARAF	ME
37	ABHISHEK SHARMA	ME
38	AYUSH ARORA	ME
39	AYUSH SHARMA	ME
40	DEVENDRA	ME

S. No.	Name of Student	BranCH
41	GULSHAN AGRAWAL	ME
42	LOKESH KUSHWAHA	ME
43	MAHENDRA SINGH CHANDRAWATME	
44	NARENDRA JATIYA	ME
45	PANKAJ YADAV	ME
46	PARAS SWAMI	ME
47	RAJESH SINSINWAR	ME
48	SAMEER KUMAR CHOROTIYA	ME
49	SHARAD AGRAWAL	ME
50	VAIBHAV CHITTORA	ME
51	VINAYAK OJHA	ME
52	KHYATISETHI	CIVIL

SWAMI FAB PRINTS

S. No.	Name of Student	Branch
1	AAYUSH KHANNA	ECE

TCS (CODE VITA)

S. No.	Name of Student	Branch
1	RUPAL JHALANI	IT

UX ARMY

S. No.	Name of Student	Branch
1	KAPIL BABANI	CE

YUSATA INFOSTECH

S. No.	Name of Student	Branch
1	DIKSHA	CE
2	RUPALI PANDEY	IT
3	NIKHIL KUMAR BHATT	CE

DECURTIS CORPORATION

S. No.	Name of Student	Branch
1	NIKHIL KUMAR BHATT	CE

JAIPUR RUGS

S. No.	Name of Student	Branch
1	SURBHI TRIPATHI	CE

ASAHI INDIA GLASS LTD.

S. No.	Name of Student	Branch
1.	MOHIT SHARMA	ECE



PRIYANKA SAIN (CE)
Placed in Infosys Ltd.



RAHUL SINGHAL (CE)
Placed in Infosys Ltd.

ARDEN TELECOM

S. No.	Name of Student	Branch
1.	JITENDRA SHARMA	ECE
2.	PULKIT AGGARWAL	ECE
3.	ASHOK KUMAR PAHADIYA	ECE
4.	JITENDRA SINGH KATEWA	ECE
5.	DEEPANSHU AGARWAL	EE
6.	GAURAV SAINI	EE
7.	RISHABH SHARMA	EE
8.	PARAG MEHTA	EE

ATHENALOGICS

S. No.	Name of Student	Branch
1.	ADITI TAMBHI	CE
2.	ASHISH VAISHNAV	CE
3.	CHETNA VADHYANI	CE
4.	RIYA CHOPRA	CE
5.	KOMAL JOSHI	IT
6.	NEHA NEGI	IT
7.	UJJWAL KUSHWAHA	IT

AU SMALL FINANCE BANK

S. No.	Name of Student	Branch
1.	KRISHNA KUNDAN	CE
2.	NIKHIL KUMAR OJHA	CE
3.	AMAN BISHNOI	ECE
4.	RISHI KUMAWAT	ECE
5.	SAURABH KUMAR	EE
6.	CHARANJEET SINGH	EE
7.	MILAN KUMAR KUMAWAT	ME
8.	DEEPIKA DHAKAD	EE

BRISKMINDS SOFTWARE SOLUTIONS PVT. LTD.

S. NO.	NAME OF STUDENT	BRANCH
1.	MUKUL ANAND MISHRA	CE
2.	PRANSHU MANGAL	CE
3.	TARUN GOYAL	IT
4.	MAYANK AGARWAL	CE

CAPELLA SOFTWARE SOLUTIONS

S. No.	Name of Student	Branch
1.	VAISHALI PANWAR	ECE

CHEGG INDIA LTD.

S. No.	Name of Student	Branch
1	POOJA SAIN	ECE
2	ADITAY VARDHAN SINGH	EE
3	AKASH KUMAR SINHA	EE
4	AMAN GAUTAM	EE
5	AYUSHI TRIPATHI	EE
6	DIVYA SINGH	EE
7	MAHIPAL SONI	EE
8	MOHAN LAL	EE
9	PANKAJ SHARMA	EE
10	PARAS MAL DHAKAR	EE
11	RAJESH YADAV	EE
12	RAVI CHOUDHARY	EE
13	SHAHISTA PRAVEEN	EE
14	VINIT JANGIR	EE
15	GAURAV GUPTA	EE
16	PRATEEK KUMAR SHARMA	EE
17	RAAHUL TAILOR	EE
18	ROHIT	EE
19	KARTIK SHARMA	IT
20	NISHU JAIN	IT
21	BHAWANI SINGH	ME
22	RAHUL SHARMA	ME
23	RISHU KUMAR	ME
24	SAMBHAV SAXENA	ME
25	SOURABH RATHORE	ME
26	VIVEK VISHWAKARMA	ME
27	AJAY KUMAR	ME
28	DIVYANSHU KUMAR	ME
29	KAPIL SHARMA	ME
30	MADHAVENDAR OJHA	ME
31	SPARSH GUPTA	ME
32	TARUN KUMAR SINGHAL	ME
33	VINMRA JOSHI	ME
34	YOGESH KUMAR DADHICH	ME
35	YOGESH KUMAR GOYAL	ME
36	SURAJ MEENA	EE
37	MILAN KUMAR KUMAWAT	ME
38	DEEPIKA DHAKAD	EE
39	ANURAG JAIN	CE
40	YOGENDRA SINGH	EE
41	MANISH KUMAR SWAMI	EE



RIPAN DEEP KOUR (CE)
Placed in Capgemini India Ltd.



RISHI RAJ SINGH (CE)
Placed in TCS

CRAZZLE PLUS INFOTECH PVT. LTD.

S. No.	Name of Student	Branch
1.	DUKE VAISHNAV	CE
2.	SRAJAN GUPTA	CE
3.	ARPIT GUPTA	ECE

FACE

S. No.	Name of Student	Branch
1.	DIVYA SHARMA	CE
2.	PRASHANT KUMAR	ECE
3.	ROHIT JAIMAN	EE
4.	PRACHI KHANDELWAL	CEE

GENUS POWER INFRASTRUCTURES LTD.

S. No.	Name of Student	Branch
1.	AJAY SHANKAR	ECE

GURUKRIPA CAREER INSTITUTE

S. No.	Name of Student	Branch
1.	AKASH GOYAL	EE
2.	KHUSHIRAM GURJAR	ME
3.	MANOJ KUMAR	ME
4.	RAHUL KUMAR	ME
5.	GAURAV KUMAR	ME
6.	RAVI GURJAR	ECE

KAMAL COGENT ENERGY PVT. LTD.

S. No.	Name of Student	Branch
1.	SONIYA VAZIRANI	CE
2.	MOHAMMAD JAVED	ME
3.	HETRAM BAIRWA	ME
4.	MILAN KUMAR KUMAWAT	ME

KKSPUN INDIA LIMITED

S. No.	Name of Student	Branch
1.	ABHISHEK MAURYA	EE

LOCUS R.A.G.S.

S. No.	Name of Student	Branch
1.	ANKITA GUPTA	CE
2.	PRASHANT GARG	CE
3.	NARAYAN SAINI	ME
4.	DEEPIKA DHAKAD	EE

QRIYO INFOLABS

S. No.	Name of Student	Branch
1.	VIKAS KUSHWAHA	IT
2.	ANURAG JAIN	CE

RIDDHI SIDDHI INNOVATIONS PVT. LTD.

S. No.	Name of Student	Branch
1.	APURV BHATIA	CIVIL
2.	PARBAT SINGH	ME
3.	SAMRAT SINGH JADON	ME

RIVIGO

S. No.	Name of Student	Branch
1.	SAURABH AGARWAL	CE
2.	ASHISH NIMAWAT	EE

ROBOTICS WIZARDS

S. No.	Name of Student	Branch
1.	MUDITA SINGH	CE
2.	BHAVNA JHA	CE

SHRI GENESIS SOFTWARE SOLUTIONS

S. No.	Name of Student	Branch
1.	SANSKRITI	CE
2.	HARSHNA BABBAR	CE
3.	KUNAL ASUDANI	CE
4.	PRACHI KHANDELWAL	CE

SHRIRAM TRANSPORT FINANCE COMPANY LTD.

S. No.	Name of Student	Branch
1	ANKIT GARG	Civil
2	RISHABH SHARMA	Civil
3	ASHISH KUMAR	ECE
4	SHUBHAM SINGH	ECE
5	SOURABH PARASHAR	ECE
6	SUDHANSHU SHARMA	ECE
7	TANMAY SHEKHAWAT	ECE
8	VIVEK KUMAR	ECE
9	MANISH KUMAR	ME
10	VIRENDRA PRATAP SINGH	ME
11	SACHIN GOYAL	ME
12	YOGENDRA SINGH	EE
13	MANISH KUMAR SWAMI	EE
14	MAYANK AGARWAL .	CE



ROHIT RAJ (CE)
Placed in Infosys Ltd., TCS



SAATWIK (CE)
Placed in Infosys Ltd. (3.25 LPA)

THRILLOPHILIA

S. No.	Name of Student	Branch
1.	PARUL MEWARA	CE
2.	PRIYA SHARMA	CE
3.	SUMIT SHARMA	EE

URBAN CLAP

S. No.	Name of Student	Branch
1.	AAYUSHI GUPTA	CE

WEPANTHER GLOBAL SOFT TECH

S. No.	Name of Student	Branch
1.	SHIKHA KAUSHIK	CE
2.	YATENDRA SINGH	CE
3.	DAKSHITA TIWARI	CE
4.	GAURI GUPTA	ECE
5.	MONALI BARUA	IT

ABSASS SOLUTIONS

S. No.	Name of Student	Branch
1.	SURBHI OJHA	EC

APTRON INDIA

S. No.	Name of Student	Branch
1	ARPIT GARG	EE
2	AMAN SINGH	EE

ARSS

S. No.	Name of Student	Branch
1.	MD. SHAFIQ ALUM	CV

ATTENTIVE AI SOLUTION PVT. LTD

S. No.	Name of Student	Branch
1.	ISHAN VIJAY	EE

CELEBAL

S. No.	Name of Student	Branch
1.	ANUBHAV RAI	CE
2.	NIKHIL KUMAR BHATT	CE
3.	SHUBHAM JAIN	CE
4.	SHAKTI SINGH RAJPUT	CE
5.	HIMANSHU TRILOKANI	CE

CONVOS MEDIA, NOIDA

S. No.	Name of Student	Branch
1.	RASHI	IT

CYBER INFOSEC LLP

S. No.	Name of Student	Branch
1.	MOHAK CHTURVEDI	CE
2.	AJAY SHRIMALI	CE

DSD INFOSEC

S. No.	Name of Student	Branch
1	RAHUL	CE

ENTERPRENURE – SKYLYNIRE

S. No.	Name of Student	Branch
1.	PRATEEK MATHUR	CE
2.	RAHUL SINGHAL	CE

INDIAN ARMY

S. No.	Name of Student	Branch
1	ROHAN ADITYA	ECE

INNOVA SOLUTION

S. No.	Name of Student	Branch
1.	SUMAN KUMARI	EC

JAIPUR RUGS COMPANY PVT LTD.

S. No.	Name of Student	Branch
1.	DEEPAK KUMAR PATODIYA	EE

JGS INDIA PVT. LTD.

S. No.	Name of Student	Branch
1	ANKIT SHAILY	IT

LOCUS RAGS

S. No.	Name of Student	Branch
1.	GAURAV KAUSHAL	CE
2.	HIMANSHU JOSHI	CE
3.	AMAN BAHETI	CE

SIPLON PVT. LTD.

S. No.	Name of Student	Branch
1.	MUDITA SINGH	CE

SPRINKLR PVT. LTD.

S. No.	Name of Student	Branch
1.	LOVENISH GUPTA	CE

SWAMI FAB PRINTS

S. No.	Name of Student	Branch
1.	AAYUSH KHANNA	EC



SAKSHI SHARMA (CE)
Placed in Collabera Services Pvt. Ltd.



SHARAD RANJAN (CE)
Placed in Activant Solutions Pvt. Ltd.

Poornima has been providing excellent placements to the students in various companies and organizations like Infosys, Kamal Cogent Energy Private Limited, Lintec ARN infotel, Polycab, Wires, Daffodil Software etc. By the beginning of 7th semester student start getting exposed to opportunities on and off campus and get selected in drives with good profiles and attractive packages. The placement cell feels proud to give the responsible youth to the nation by placing them in reputed companies. In simple words T & P Cell is shaping students mind and personality as technocrats.

PMEPI (Poornima Mission For Becoming English Proficient Institution):



PCE has left no stone unturned to match the level of excellence in this cut throat competitive world, PCE has decided to become proficient in English with the mission : POORNIMA MISSION FOR BECOMING ENGLISH PROFICIENT INSTITUTION(PMEPI) which got introduced in the year 2016. The objective of PMEPI is to make all its stakeholders viz. faculty members, students and administration to conduct all their teaching learning and daily communication as well in English only. All the teaching learning processes in and out of the classroom is carried out in English. Some of the activities of PMEPI sessions are aptitude test, personal interview, group discussion, stress management, interpersonal skills, vocabulary building, general awareness test, verbal and nonverbal communication, business communication, lateral thinking, team building and leadership. Several activities under PMEPI are being conducted to improve the communication skills of the students to help them to compete the world for future endeavour. Few activities under PMEPI are as follows:

Pre-placement Session on Soft Skills:



English empowers young minds not only in passing exams but in demonstrating their potential before the world. A Special class for all the branches on Soft Skills has been conducted to improve the communication skills with the emphasis on English speaking of the students by English faculties. Students learnt and practiced enthusiastically through various activities i.e. Group Discussion, Presentation Skills, Mock Interview and Written Test as well according to the requirement of the company. They have been guided and motivated to build up the confidence level to prove their potential and caliber in a better way.

Faculty Training on TTS

English communication is a skill that can be perfected only through constant practice and continuous exposure to the language. PCE provides the opportunity, resources and an encouraging atmosphere for learning and practicing the language. Training for the faculty members is being conducted on Tuesday, Thursday & Saturday every week from 2:30 PM. The main motive of the training is to enrich the communication skills in English to foster a positive





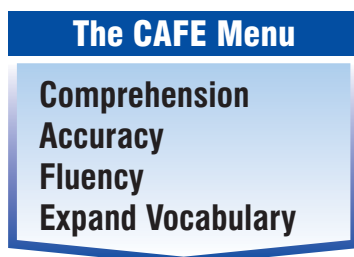
SHREYA SHARMA (CE)
Placed in Infosys Ltd.

SHRIDHAR DHANOPIA (CE)
Placed in Auriga IT



attitude towards the language. The main purpose of the mission, PMEPI is to get command over the language and the communication skills & to meet the upcoming challenges of the day in an innovative way. English language is transforming its multidimensional communicative structure day by day, and is need of the day is cleared by Mission PMEPI.

Reader's Writer's Meet :



“If you don’t have time to read, you don’t have time (Or the tools) to Write”

Readers Writers Meet has been extremely successful in developing our students to become leaders and the speakers of tomorrow. It was a truly remarkable event with the support and under the guidance of Director PCE.

To ensure the holistic development of student’s various extracurricular activities under the aegis of PMEPI are being conducted. One of the activity Under PMEPI Mission “Reader’s Writer’s Meet at Communication Cafe” was held on 11 October 2017. The length and breadth of knowledge that they gain through this is simply extraordinary. PMEPI aims to develop the oratory skills of the students through engaging them in activities such as debates declamations, extempore, presentations etc. Such exposure helps students to realize the power of deploying logical and analytical thinking.

Sixty-three students up to third Year participated enthusiastically in this meet. All the participants exhibited great oratorical skills. Two rounds were conducted which consists of Picture Perception and self composed poem and short story. Jury Members of the meet were Mr. Kuldip Sharma, Assistant Professor, Department of English And Mr. Amit Jain, Assistant Professor, Department of Electronics.

PEEM (Poornima Employability Enhancement Mission):

PEEM was introduced in Poornima Foundation 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 having unique feature which distinguishes PCE from rest of the educational institutions.

SELF HELPGROUPS:

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



SHRUTI AGRAWAL (CE)
Placed in Infosys Ltd.

SONAL MATHUR (CE)
Placed in Infosys Ltd., IBM India

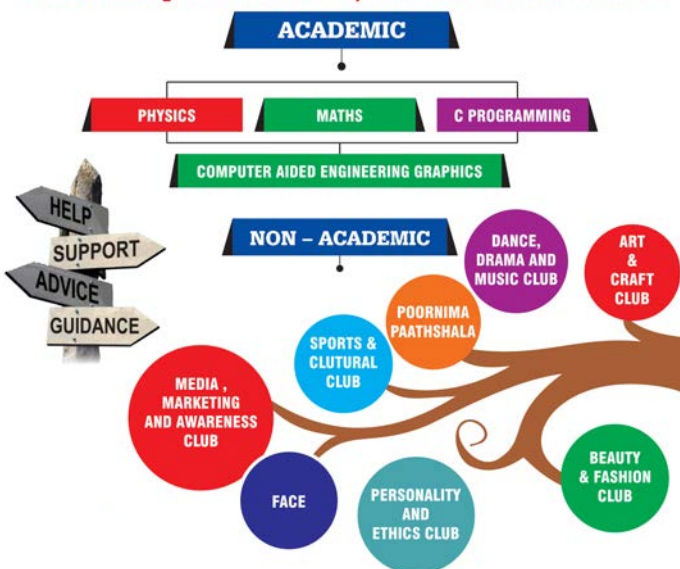


the combined role of a friend, philosopher and guide for the student under his or her tutorship. The responsibility of the role includes both admonishing as well as caressing.

MENTORSHIP:

A mentor is responsible for conduction of discipline

"Tell me and I forget, teach me and I may remember, Involve me and I learn"



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 PCE, 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 approaches.

TRANSPORT FACILITY:

Transportation system has its own features dealing with all conveniences in terms of to and fro. Transportation have 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 academic related work. Seperate buses run through out the year.



HOSTEL (GAYATRI):

PCE houses Gayatri girls hostel which gives the wings to the fantasies of students where they are motivated to fulfil their dreams and learn to manage everything by their own. Hostel give the secured environment in all senses but also makes hostellers privileged with a wonderful experience which is cherished for lifetime. Hostels are equipped with all the facilities of modern spacious rooms with balcony giving a feeling of luxury and comfort. Some of the highlights of hostel are -

- Fully secured with anti-ragging environment.
- Advanced gymnasium, activity rooms, internet facility, indoor and outdoor games, departmental Store, laundry, medical emergency facilities etc.
- Availability of magazines, newspaper and other study materials.
- Hostel library facilities.
- Celebration of different festivals from time to time.





SURBHI TRIPATHI (CE)
Placed in Jaipur Rugs



SUSHANT BADYAL (CE)
Placed in Evolphin

WISE: WOMEN IN SCIENCE & ENGINEERING:



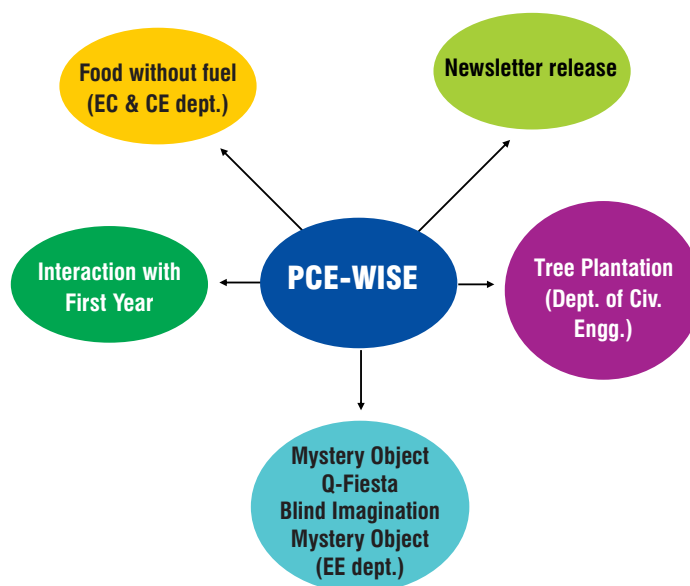
Vision : To improve the status of women in our society and to make them aware of their rights.

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

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:



PPT PRESENTATION

In PPT Presentation, there were total 10 entries. Participants showed their utmost interests in the topics “Women need freedom, not protection” and “Scope of Artificial Intelligence” and tried to cover various keypoints and aspects of the topics in their presentation. The invited judges were Dr. Sonal Sharma, Associate Professor, CE and Mr. Atul Kumar Verma, Assistant Professor, CE. The winners of the activity were provided certificates.

I Winner Bhawna Garg – CS II Year, Section A
II Winner Sakshi Agarwal – CS II Year, Section B
III Winner Jagrati Katariya – CS III Year, Section A

MODELLING THROUGH WASTE MATERIAL

Modelling through waste material activity enhanced



the students’ creativity concerns in various styles. Out of 9 teams, 5 teams made different sort of models using waste and raw things, such as, paper plates, newspapers, plastic spoons, colored sheets, wrappers etc, and other 4 teams dressed up one of their team member as a model using wastes, using newspapers, colored sheets etc, for the ramp walk.



VAISHNAVI KHANDELWAL (CE)
Placed in Infosys Ltd.



VANSHIKA JAISWAL (CE)
Placed in Capgemini India Ltd.



The invited judges were Dr. Lily Agarwal, Associate Professor, Head, PMEPI, and Dr. Kshama Raichuria, Associate Professor, CE. The Winner teams were given certificates of appreciation.

I Winner: Team 9 - Megha Simlote, Harshita Gupta and Pratibha Agrawal – CS III Year, Section C

II Winner: Team 3 - Divya Gupta, Jaya Sharma and Madhuri Swami – CS II Year, Section A

ENTREPRENEURSHIP DEVELOPMENT CELL:

The E-cell of PCE established in the year 2015 aims at promoting and environment with an objective of creating fostering and promoting the spirit of entrepreneurship amongst the youth of the nation. The E-Cell organizes a plethora of events under its aegis. E-cell allows participation not only from the students of PCE campus but also from colleges all across the country. The short-term objective of E-cell is at promoting and creating environment favorable for entrepreneurial thinking and action to the organization of a variety of entrepreneurship oriented events such as games, idea generation, business plan and test case studies, business quizzes and so forth. Long term objectives aim at aiding students who have a marketable idea about their project and aspire to start their own ventures. PCE EDC Cell has an association with a national level leader(NEN) in entrepreneurship development programme.

INCENTIVES AND RECOGNITIONS: TOKEN OF APPRECIATION

To appreciate the efforts of the faculties who brought the laurels to the Poornima, the faculty members and technical staff are felicitated on the occasion of the Independence and the Republic day. They are awarded with the cash prizes and the appreciation certificates. The main motto is to appreciate the efforts made by the individuals and departments for the betterment of academic and non-academic performance standards. The scheme was introduced to encourage the faculties and staff members to contribute in a positive manner. 132 faculty and staff members in the odd semester were facilitated.

- A single star (*) is awarded to a faculty member who is among the first two performers of the class (higher class) or is among the first 3 performers of a class (1st year) but he must not fall in the double star category.
- A double star (**) is awarded to a faculty member whose University result of the theory paper taught by him/her is more than 90%
- A three star (***) is awarded to a faculty member whose result is the accumulation of the following: 90% result or above or difficulty factor +10% and 70% in RTU or above.

The mission of the scheme at the college is to provide highly competent and quality professional education to all the students and to appreciate the efforts made by the individuals and departments for the betterment of the academic and non- academic performance.





VENU GOPAL (CE)
Placed in Activant Solutions Pvt. Ltd.

VINEE JAIN (CE)
Placed in Infosys Ltd.



LET'S CHEER UP OUR PLACED STUDENTS



Electrical Engineering : Placed Students



Computer Engineering : Placed Students



Mechanical Engineering : Placed Students



Electronics & Communication Engineering : Placed Students



Civil Engineering : Placed Students



Information Technology : Placed Students



Message

I am glad to learn that “Poornima College of Engineering” is coming up with its Annual Magazine – “Poornima Winner)” for session 2017-18 on the theme – “Agricultural Development, Make in India, Swachch Bharat, English - A global language”.

Our mission in the Alumni Relations office is to stay in touch with our alumni and create a mutually beneficial tailored program of events and communications that will support the alumnus, whether they are old or newly graduated. We also want to involve our alumni in supporting our aspirations through their talent, time and resources. We have many benefits and services available to an alumni, some of the details of which you will find within these pages.

Over the last few months, a great privilege for my team and I was having the honor of welcoming hundreds of alumni to Annual Alumni Meet – Delhi Chapter & Jaipur Chapter that took place in the month of January 2018. One of the alumni team’s personal highlights was the Jaipur Meet which saw more than 500 alumni and friends come back to Jaipur to create new memories and reconnect with Poornima.

We value our connection with our alumni greatly and there are many ways for an alumni to maintain ties with Poornima, to stay in touch with friends from student days and to forge links with the wider network. The Poornima worldwide alumni network is our community, united by academic achievements and shared memories of past at Poornima. And it’s not all about business: while there are professional and career advantages to staying in touch, there are also significant rewards from continuing to enjoy the fruits of friendship, whose seeds were first sown on campus through shared experiences. The community is always close at hand, to socialize or intellectualize with, online or in person, anytime, anywhere.

To stay connected with Poornima and each other, contact myself or any member of the Alumni Relations team on +918875666645, by email at alumni@poornima.org or visit <http://alumni.poornima.org>

Smt. Renu Singhi

Advisor

Poornima Alumni Association



RITVIK CHATURVEDI (EE)

Placed in Collabera Services Pvt. Ltd., Activant Solutions Pvt. Ltd.



RUCHI SAINI (EE)

Placed in Activant Solutions Pvt. Ltd.



POORNIMA ALUMNI ASSOCIATION

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 Group of Colleges as a renowned organizations around the world.

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 are 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.



CLUBACTIVITES:

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.

Laurels GATE RESULTS



ANKIT KUAMR KUMAWAT
(Mechanical Engineering)



BHAVESH MEENA
(Mechanical Engineering)



MOHIT PAREEK
(Mechanical Engineering)



NARESH KUMAR SAINI
(Mechanical Engineering)



SHREYANSH PITALIYA
(Mechanical Engineering)



VIVEK PANDEY
(Mechanical Engineering)



VIRENDRA S. CHAUHAN
(Electrical Engineering)



JAI JADAM
(Electrical Engineering)



DHARMENDRA
(Electrical Engineering)



SURAJ MEENA
(Electrical Engineering)



KALPANA KHOLWAR
(Civil Engineering)



KAMALJEET
(Civil Engineering)



RAVIRAJ PRAJAPATI
(Civil Engineering)



SHWETA MEENA
(Civil Engineering)



RUPAL JHALANI
(Information Technology)



ANJALI GUPTA
(Computer Engineering)



DEEKSHA JOSHI
(Computer Engineering)



MANISH SUTHAR
(Computer Engineering)



NIKHIL SINGH
(Computer Engineering)



PRIYANKA GURDASWANI
(Computer Engineering)

Signature of Excellence

Enriched Stage

Poornima College of Engineering, Jaipur

Ranked 2nd

**by RTU out of 118 Engineering Colleges
in Rajasthan**



Poonima Calling.....

For success and Inspiration

A beautiful Habitation

For a dream Education

PCE is the best Destination

With a great Reputation

Aiming positive Transformation

When life is a Celebration

PCE is the best Destination

With transparent Intentions

Stunning to Perfection

This is a Sweet Descriptions

PCE is the best Destination

ADIEU



Section - A (Civil)



Section - A (CS)



Section - B (CS)



Section - C (CS)



Section - A (EC)



Section - B (EC)



Section - C (EC)

ADIEU



Section - A (EE)



Section - B (EE)



Section - C (EE)



Section - A (IT)



Section - A (ME)



Section - B (ME)



Section - C (ME)



SAKSHI SHRIMAL (EE)
Placed in Infosys Ltd.



SHAINA AGWAN (EE)
Placed in Gram Power India

EVENTS & ACTIVITIES AT PCE

International Student and Study Abroad Centre SDC 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 the 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 Development 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.

According to quality education in India, some statistics and facts have been outlined. The students highlighted the quality Education as one of the most important issues to be solved to fix many other SDG Goals of the UN. The second topic of the SDG was good Health and Well being. the students were aware of the importance of good health and well being as well as the problems in India.

The topic of last interactive session was Gender Equality. Discussions were made on the importance of both the gender as for health and prosperity of a nation both genders are needed and have to be treated equally. As per the Interns report only 65.45% are literate, which is a low number when compared to men 82.45%. Thousand girls are estimated to die every year due to sex selective abortions, more than 33% of all illiterate women in the world are Indian. Students actively discussed the issue with open mindedness and mentioned the huge differences between rural areas and the city lifestyle and emphasized that these problems exist more intensely in village rather than in cities like Jaipur.

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 ended with the healthy discussions, knowledge sharing and emphasized on importance of Communication in English and being proficient to excel in life.

Foreign Interns detail were as follows:

Name	University	Country
Menna-t-allahmamdouhrashad	Helwan	Egypt
Duhamekky Hassan	Cairo	Egypt
Shady ellia	Assiut	Egypt
Ricky hung	Nanjing	China



Mock Interviews and Interaction Session by external industry experts held at Dept. of IT: 2017

To prepare III Year, VI Sem. students for the coming up session's (i.e. 2017-18) placement activities and drives, the Department of IT organized mock interviews for III Year students on 2017. The interviews were conducted by alumni of IT and CS Departments who were placed in Infosys and Nagarro. Three alumni were invited to conducted mock interviews of around 14 students. The detail of experts (alumni) invited were:

1. Ms. Kratika Goyal (2014 Batch-IT) Assoc. Business Analyst, Infosys, Jaipur
2. Ms. Niharika Suthar (2012 Batch-IT) Sr. System Engineer, Infosys, Jaipur
3. Mr. Gaurav Singhal (2015 Batch-CS) Associate Tech., Nagarro, Jaipur

To make the student aware about the requirements of core IT companies and latest trends in IT sector a common interaction session with II Year and III Year students was also organized on the same day from 12:30 to 1:30 PM. The main points of the session were –

- Experience sharing by the experts (Alumni IT/ CS)
- Knowledge sharing about the latest technologies and trends in the market.
- Important points about the selection process of Infosys and Nagarro and other multinational companies.

The experts were greeted by Mr. Amol Saxena HOD-IT, Ms. Shazia Haque Asst. Prof-IT and Mr. Saurabh Anand in the beginning of the common interaction program of students with the experts.



ASHRAE Lecture by Mr. Jim Vallort, Vice President, ASHRAE, USA: 2017

Department of Mechanical Engineering, PCE organized a Distinguished Lecture (DL) on “Primary Heating/Cooling Plant Strategies” on Tuesday i.e. 2017 in association with American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE).

The main objective of this Distinguished Lecture is to make the students and faculties acquainted with Heating and Cooling Strategies, Recognize system configuration types and the benefits of each configuration, impact of system type on operations and financial aspect of technology. The occasion witnessed the presence of Prof. Jim Vallort, Vice President, ASHRAE, USA, Dr. Om. Prakash Sharma, Director, PCE, Members of ASHRAE Jaipur Section along with the faculty members of Mechanical Engineering Department, PCE.



Industrial visit- HMT Machine Tools, Ajmer: 2017

Department of Mechanical Engineering organized a visit to HMT Machine Tools Limited, at Beawar Road, Ajmer, Rajasthan. HMT Founded in 1953, with state-of-art technology as its key strength acquired from world leaders in machine tools, offers a wide array of high technology machine tools solutions to cater every manufacturing



UPENDRA KUMAR (EE)
Placed in Gram Power India

URVASHI PRAJAPATI (EE)
Placed in BPL (Micromax)



requirement. HMT's wide marketing network & six manufacturing units spread across the country meets the highest customer expectations. The basic objective of this visit is to demonstrate the machines, actual working on machines and latest technologies by young and innovative minds. It helps students to understand the recent technologies use in production and manufacturing of machine tools at HMT plant. Mr. N.K. Gokhroo, Unit Chief welcomed the students and faculty members. He explained about the manufacturing and assembly unit, heat treatment unit, Jigs/Fixtures/Assembled, CNC Milling machines in different terms like general specification, Awareness for social change, Environment Friendly, Research & Development. Mr. N.K. Gokhroo also explains about the main inspiration behind the HMT machine tool plant.



ISTE Quiz Competition on World Earth Day: 2017

On the occasion of Earth Day Poornima College of Engineering Jaipur organized a Quiz Competition 2017. As a preliminary round aptitude test was organized for selecting 21 students out of a total of 118 students from I and II year. After selecting 21 students via aptitude test final quiz was organized in which there were total 7 teams in preliminary round out of which 5 teams were selected for 1st round (Audio & Visual). After 1st round out of 5 teams 1 team was eliminated. Remaining 4 teams fought for the 2nd round (Buzzer round). In the final round three (3) teams participated for the Rapid fire. After the entire round the students were declared as 1st, 2nd and 3rd prize winners.



1st Winner: Devanka Pathak 2nd Yr, Tanu Shree Jain 1st Yr, Akshita Gupta 1st Yr.

2nd Winner: Gaurav 2nd Yr, Shivam Paneri 2nd Yr, Saurabh 1st Yr.

3rd Winner: Ankita Soni 1st Yr, Adesh Sharma 1st Yr, Charul Sharma 2nd Yr

Dr. Om Prakash Sharma, Director, PCE appreciated the efforts of all the winners and the participants by providing cash prizes and certificates.

Lecture on cancer by Dr. Chitra Singh, MBBS, MD (Anaesthesiology) Assistant Professor in SMS Medical College, Jaipur :

2017, PCE WISE club organized a session on Breast Cancer for all the females and girls students in the Department of Electronics & Communication Engineering. A one-hour special lecture through PPT on "BREAST CANCER" was conducted by Dr. Chitra Singh, MBBS, MD (Anaesthesiology) Assistant Professor in SMS Medical College, Jaipur. The program was





VINITA JAISINGH (EE)
Placed in BPL (Micromax)



VIRENDRA SINGH CHAUHAN (EE)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

attended by all female student, staff and faculties. The objective of the lecture was to make female students aware of the breast cancer along with some tips and strategies of prevention.

She discussed about the treatments for curing from the cancer like “Radiation Therapy”, “Hormone Therapy”, “Chemotherapy” and also explained how cancer can be diagnosed by “Mammography”. She also talked about myths and facts related to breast cancer. She informed about the checkups camps organized by the government of Rajasthan time to time every year.

At last some of the questions were put up by the students and faculties related to the disease. The students were fully satisfied by the session conducted. At the end Dr. Shuchi Dave proposed vote of thanks to all present.

IETE Student Forum (ISF) Awarded to Department of ECE of Poornima College of Engg. Jaipur:

PCE IETE Student Forum (IFS), recognized as Most Active ISF by IETE Rajasthan Center, Jaipur, the occasion of World Telecommunication and Information Security Day. The Award was given by Dr. Ghanshyam Singh, Chairman IETE to Dr. Om Prakash Sharma, Director PCE in a ceremony held at ETDC, Apex Circle, Malviya Nagar, Jaipur (Raj).



Dr. Garima Mathur, HOD ECE, was also appreciated by handing over the Certificates of participation on the occasion. The ceremony witnessed the presence of Prof. V. Sinha, Mr. Gunjan Saxena, Dr. Ghanshyam Singh, past and present Chairman IETE, life members of IETE, students and other distinguished members.



Adobe Education Leaders Seminar 2017 attended by Dr. Om Prakash Sharma, Director, PCE:

Dr. Om Prakash Sharma, Director, PCE participated in Adobe Education Leaders Seminar at Hyatt Regency, Hua Hin, Thailand.

Delegates of the rank of VC, Director, Principal, Professor, Registrar and decision maker from various Institution of repute Such as NIT, Universities, Autonomous College, Government & Private Engineering College from all over India participated in the seminar. Main objective of the Adobe Education Leaders Seminar 2017 was to highlight the Adobe tools & technology and platform which are in line with the professional studies and are mostly utilized/are used in various under Graduate & Post Graduate studies. The agenda defined by Adobe were in line with the Theme, “New School is where Beautiful Experiments Happen.”





HARSH VARDHAN SINGHY (EE)
Placed in Infosys Ltd.

HIMANSHI AGRAWALY (EE)
Placed in BPL (Micromax)



Two-Week ISTE STTP on Electric Power System : JULY 10, 2017

On 10th July, 2017, Two-Week ISTE STTP on Electric Power System sponsored by National Mission on Education through ICT (NMEICT), funded by MHRD was inaugurated at PCE

Inaugural Session witnessed the presence of Dr. Om Prakash Sharma, Director, PCE, Dr. Virendra Sangtani, HOD (EE), Dr. Ajay Khunteta, Remote Centre Coordinator and Mr. Vikash Kumar Saini, workshop Coordinator along with 47 Faculties of various Engineering Colleges of Rajasthan and other parts of India.

Director, PCE while addressing the gathering informed that mission of MHRD, Govt. of India is to train teachers so that they are strong enough towards the fundamentals of electric power system and become capable enough to deliver to the students in the class. He further informed that during one week from 10th July to 15th July 2017, the course content of the workshop will provide training to faculties on teaching pedagogy to make extensive use of Technology.



Session on Yi-YI-YUVA : JULY 10, 2017

PCE organized a seminar related to the Yi-YUVA Club by Young Indians confederated by the Confederation of Indian Industry.

The seminar started with the welcoming ceremony of the guests Mr. Abhishek Mishra, Director, Finance, Trimurty Builders, Mr. Atin Jain, Founder and Managing Director, Brooklyn World Travels and Mr. Sankalp Temani, Executive Member of Young Indians by Ar. Rahul Singhi, Director, Poornima Foundation along with Dr. Om Prakash Sharma, Director, PCE respectively. Just after the formal welcome, lighting of lamp to Maa Saraswati was done by all dignitaries present. The floral greetings were presented by Ar. Rahul Singhi, Dr. Om Prakash Sharma and Ms. Prachi Sharma to the invited guests.



Valedictory function on Completion of “Two-Week ISTE STTP on Electric Power System” : JULY 15, 2017

On 15th July, 2017, Two-Week ISTE STTP of duration 10th July to 15th July 2017 on Electric Power System sponsored by National Mission on Education through ICT (NMEICT), funded by MHRD was successfully completed at PCE. Valedictory Session witnessed the presence of Director, PCE, Dr. Virendra Sangtani, HOD (EE), Dr. Ajay Khunteta, RC Coordinator and Mr. Vikash Kumar Saini, Workshop Coordinator along with 40 Faculties of various Engineering Colleges of Rajasthan. Mr. Vikash Kumar Saini, workshop





MADHURI KUMARIY (EE)
Placed in BPL (Micromax)



MAHESH MENARIYAY (EE)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

Coordinator shared outcomes of the course during 10th July to 15th July 2017. He informed the gathering about deliberations of key experts and knowledge imparted by Prof. N.K. Kishore, Prof. S.A. Soman and Prof. Gautam Bandyopadhyay during the week-long program.

ORIENTATION PROGRAM (First year interaction) : AUGUST 01, 2017

The Inaugural Ceremony of Orientation “Pratham Samvad” for B.Tech. 1st Year students was conducted on Tuesday, 1st August 2017. The objective of the Orientation program was to welcome the new B.Tech. 1st year students at PCE. The Orientation program also aimed to convey best wishes and blessings for their future endeavor in the Engineering career and to enlighten the new Engineering students with the educational outline of the Institution.



Librarian’s Day: AUGUST 12, 2017

The Central Library at PCE organized “Librarian’s Day” on 12th August, 2017 to celebrate the birth anniversary of Dr. Siyali Ramamrita Ranganathan. Dr. Siyali Ramamrita Ranganathan was a Mathematician, but basically he initiated the library movement in India, therefore he is known as Father of Library Science. His birthday, i.e. 12th August, is observed as National Librarians’ Day. Central library at PCE organized the “Librarian’s Day” on the occasion of 125th Birth Anniversary of Padmashree Dr. Siyali Ramamrita Ranganathan. Director, PCE inaugurated the function highlighted the importance of books for human beings by focusing over the importance of Digital Library in the revolutionary age of academic scenario.



INDEPENDENCE DAY: AUGUST 15, 2017

Every year Independence Day is celebrated with great zeal and enthusiasm, by maintaining its valour at arbuda convention centre. This year also, esteemed day was celebrated at PCE of engineering Jaipur with flag hosting followed by march past saluting the national flag. The student gave various cultural programs and the faculties were felicitated for the best academic performance on this auspicious occasion.

ISLE (Indian Society of Lighting Engineers) Student Chapter: AUGUST 29, 2017

Department of Electrical Engineering at PCE organized one-day seminar under the student chapter of “Indian Society of Lighting Engineers” (ISLE) on August 29th, 2017. The main objective of expert talk under this student chapter is to make the students and faculty members acquainted with “Energy Efficient Lighting System”. The occasion witnessed the presence of eminent speakers





NEELAM SHARMAY (EE)
Placed in BPL (Micromax)



NEETU SHARMAY (EE)
Placed in Activant Solutions Pvt. Ltd.

Mr. R.S. Saxena, Chairman ISLE RSC, Director, PCE, Shri G.S. Charan, Secretary ISLE RSC, Shri B.M. Chandana, Director, Genesis Integrated System Jaipur (Guest of Honour), Ms. Seemam Choudhary, AEN, PWD Jaipur (Guest), HOD EE, along with the faculty members of Department of Electrical Engineering, and 150, 2nd year students.

Tree plantation by first year PCE, girls under WISE activity: SEPTEMBER 01, 2017

A campaign of pre-plantation was organized on Friday 1 September, 2017 at PCE under Eco friendly concept of "Go Green" under PCE-WISE (Woman In Science and Engineering) with a message of clean and green environment in PCE Campus.

Smt. Renu Singhi, Advisor, Poornima Alumni Association and Director PCE motivated the students by their words of wisdom. This activity was aimed to make students aware of the plethora of benefits of planting the trees, from health to environmental impact, to economics and even psychological effects.



Kalanidhi: OCTOBER 02, 2017

On 2nd October 2017 Poornima College organized its 16th annual prize distribution. At Arbuda Convention Centre. This is most awaited day for all the students who excelled in field of academic and non- academic. Students along with their parents are appreciated for the efforts put on for bringing the laurels to PCE. Various categories of awards for outstanding contribution by the students were best student, best hosteller, best project, best seminar etc. On this occasion parents, guardians and their mentors are also present to boost up their confidence. The students were awarded with gold silver and bronze medals respectively along with certificate of appreciation. Students eagerly wait for this event to receive appreciation and cash awards from the college authorities.



Essay Competition: OCTOBER 09, 2017

An Essay Competition on theme "Advancement in Science and Technology is the gateway to the economic prosperity of a country" was conducted on 9 Oct., 2017. 372 students of different departments participated in the competition. Experts evaluated the essays, submitted by the participants. As per marks obtained by the student in the essay writing competition. Students were appreciated for their hard work by providing certificate.





NEHA KUMARIY (EE)
Placed in BPL (Micromax)



PRACHI SHRINGIY (EE)
Placed in BPL (Micromax)

AADHAR : OCTOBER 27, 2017

Aadhar was started in the year 2007 by I year budding technocrats of PCE to develop harmony and teamwork between students so as to glimpse their talent. PCE provides platform for students to enhance the technical skills by making projects from 1st year itself. Department of 1st year has organized an innovative techno fest Aadhar 2K17 to demonstrate the projects by students of 1st year. Idea of Aadhar was conceived with aim to provide technically inclined youth with an innovative platform where the talent and expertise would be recognized and duly awarded. The projects are made on different themes based on Robotics, hydro pressure, automation and machine design. AADHAR 2K17 was dedicated to doctor APJ Abdul Kalam.

Tech Fest Project Competition cum Exhibition was organized by the Department of I Year, Poornima College of Engineering on Friday, 27th October, 2017. The Tech-fest AADHAR is an annual Intra-Department Technical Fest that opens the platform for young future engineers to come forward to nurture the future of society. This competition signifies the glory of Zircon Club which started in year 2007 by the young students of PCE to develop team work and harmony with the students of First Year to showcase their talent. It focuses on technical skill development of students, inculcating the practical knowledge of science and technology.

The Inaugural ceremony of Aadhar 2K17, which was organized at CG-05, Seminar hall, Poornima College of Engineering was graced by the presence of Sh. Shashikant Singhi, Chairman, Poornima Foundation as the Chief Guest and Dr. Mehmood Ali Khan, Deputy Director, Ministry of Minority Affairs, Govt. of Rajasthan along with Mr. Rajendra Gupta, General Manager, Department of Central Engineering and Planning, National Engineering Industry (NEI) Ltd., Jaipur as the Guests of Honor for the Ceremony.

Director, PCE, Ms. Renu Singhi, Advisor, Poornima Alumni Association, Poornima Foundation, and Dignitaries from different Campuses of also witnessed the event. The projects and models were displayed through 10 different categories such as Circuitry, Aero-modeling, Sumo Slam, Sniper Elite, Robo-War, Robo-Soccer, Robo-Race, Civil Project, Line Follower, and Machine-o-Mania. In total 137 projects (126 projects of hardware + 11 software projects) were displayed under 10 different project categories. Over 500 students of I Year and 50 students of Higher Classes of PCE actively participated and coordinated in Aadhar 2K17.





ADITYA PAREEK (CE)
Placed in Activant Solutions Pvt. Ltd.

AKANKSHA SHARMA (CE)
Placed in TCS



Brief description of categories of event in AADHAR2K17

S.No.	Event Name	Technology	Applications
1	AERO MODELLING	Designing, thrust, RC (transmitter Receiver), Making of planes, Aerodynamics.	Quadcopter, Drone.
2	SUMO-SLAM	USE: Arduino, Ultrasonic sensor, AVR, Relay design, Google car Technique, Torque.	Car Testing
3	SNIPPER ELITE	Motor, design, DPDT, SMPS, Battery, Torque, Techniques	Projectile Motion (Range, Maximum Height etc.), Military applications, Industrial automation
4	MACHNIE-O-MAINA	Design, Solving real time problem by using theoretical and practical Lab knowledge.	Innovations In real life
5	CIRCUITRY	PCB designing, Soldering, Arduino, AVR, Sensor, Solving different and real time problem.	Automation
6	LINE FOLLWER	Motor, AVR, Arduino, IR, LDR, Ultrasonic, L293D, or Relay LM358.	Automation Load Carrying devices
7	ROBO-SOCCER	Motor, Bluetooth, Attacking Mechanism, Arduino uno, AVR, Relay, DPDT, Battery, SMPS.	controlling of motor and electronic device using sensor
8	ROBO-RACE	Suspension, Mechanical design, Motor, AVR, Arduino, Relay, Torque, Speed.	Car making, designing a car.
9	CIVIL PROJECT	Structuring of different structure material, solving real time problem development	Basic structure of building
10	ROBO WAR	Motors, Pneumatic, welding planning, Design, Alignment and Torque.	Industrial Robotics, National level competition, Military application

WINNERS OF AADHAR 2K17

NAME	EVENT	POSITON
Ishita Sharma / Jaynifer Jain	Sniper Elite	1
Vishesha Upadhyay	Robo Slam	1
Harsha Tejawani / Harshita Chhibbar / Khushboo jain	Robo Soccer	1
Shrishti Meena	Robo Soccer	2
Akshita Jain	Robo Race	2
Mahima Natani / Itisha Yadav	Robowar	1
Ridhima / Khandelwal / Lovely Jain	Robowar	2
Sahastra Guni Garg	Line Follower	1
Nomita Soni / Priyanshi Mathur	Machine -O-Mania	1
Sakshi Agarwal	Machine-O-Mania	2
Shrishti Gupta / Yukti Jain	Aero modelling	1
Mansi Agarwalla	Civil Modelling	1
Shreya Agarwal / Shivani sinha	Circuitry	1
Tara Chand	Circuitry	2
Aarifa Sheikh / Esha Singhal	Circuitry	2



AKSHAR GOSWAMI (CE)
Placed in Infosys Ltd.

AKSHATA SHARMA (CE)
Placed in Infosys Ltd.



Poornima Women Welfare Association: NOVEMBER 11, 2017

A PPT presentation about PWVA vision, mission and objectives was presented by WISE student Coordinators, on 11 November, 2017 for First year female students. The event was organized by faculty coordinators Ms. Riddhi Shrivastava and Ms. Shraddha of WISE. 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 life.



Inauguration Ceremony of Poornima SAE Student Chapter: MARCH 21, 2018

Department of Mechanical Engineering at PCE inaugurated Society of Automotive Engineer (SAE) Student Chapter on March 21, 2018. SAE Student Chapter dedicated to the advancement of Automobile Community in India. SAE – India devotes resources to projects and programs in engineering education, professional certification, and supporting design competitions. The occasion witnessed the presence of Naveen Mathur, General Manager, Morani Hyundai, Jaipur; Mr. Gopal, Service Manager, Morani Hyundai, Jaipur and Director, PCE along with the faculty members and students of Department of Mechanical Engineering.



Poster Making /Slogan Writing Competition: JANUARY 19, 2018

A Poster Making Competition for the students on the topic “Reduce, Reuse, Recycle” & for the faculty members on the topic “Top 10 Ideas for Smart City” was conducted on 19th & 20th, Jan.2018. The competition was inaugurated by PAA advisor, Mrs. Renu Singhi along with respective HODs, senior faculty members; library staff and students of various branches. The competition provided a platform for students as well as faculties to showcase their hidden talent. More than 300 students /faculty & staff members visited the Poster/Slogan exhibition and appreciated the Poster/Slogan efforts of creators. 86 students and 48 faculty members of different departments participated in the competition. Experts evaluated the posters, on the basis of theme, color, creativity and the neatness. As per marks obtained by the faculty members & student in the competition, the following participants were declared as winners of the competitions.





AKSHAY SINGH CHAUHAN (CE)
Placed in Skillrock Technologies

ALISHA GOYAL (CE)
Placed in Capgemini India Ltd.



Winners of Faculty Poster Making Competition

Name of Faculty Members	Branch	Rank
Asha Kumawat/ Sanjay Kumawat	ME	I
Aashish Dubey	ME	I
Harbeer Singh/ Mayank Sharma	EE	II
Anu Arora	CS	II
Kulsum Bano	Ist year	III



Workshop on Manufacturing and Practices using CNC at CIPET : JANUARY 23, 2018

Department of Mechanical Engineering organized a Workshop on Manufacturing and Practices using CNC at CIPET (Central Institute of Plastics Engineering & Technology) Sitapura, Industrial Area, Jaipur, on January 23, 2018. CIPET deals in manufacturing of Plastic products and tooling. Central Institute of Plastics Engineering & Technology (CIPET) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP) at Chennai. The main objective of this workshop was to make the students acquainted with Fundamentals and Applications of CNC along with Hands on Practices. Mr. Amrendra Patra, HOD and experts at CIPET welcomed the students. He explained about different types of machining process, manufacturing processes as well as basics of CNC, its type, advantage and limitations of CNC. All the students participated in this workshop with great enthusiasm. The students were given opportunity to handle different kinds of machines which includes:



- CNC lathe Machine.
- CNC Milling Machine.
- CNC EDM (Electrical Discharge Machining).
- Basic part programming based on G codes.

REPUBLIC DAY CELEBRATION: JANUARY 26, 2018

Every year, Republic Day is celebrated with great zeal and enthusiasm, by maintaining its valour at Arbuda Convention Center. This year also the 69th republic day was celebrated at PCE with flag hoisting followed by march past saluting the national flag. The student performed in various cultural programs and the faculty were felicitated for the best academic performance on this auspicious occasion. We remember and recall the numerous sacrifices made by our freedom fighters and valiant soldiers who laid down their lives for the cause of winning us independence and then for preserving and strengthening this precious gift of freedom. On this occasion PCE fraternity gratefully recall the sacrifices of millions of freedom fighters and unsung martyrs, who suffered and labored so that we should be free and sovereign today.





AMAN JAKHAR (CE)
Placed in Capgemini India Ltd.



ANJALI GUPTA (CE)
Placed in Infosys Ltd.

Alumni Meet Jaipur Chapter: JANUARY 27, 2018

PCE Jaipur Chapter Alumni Meet was organized on Saturday, January 27, 2018. The presence of Mrs. Renu Singhi, Advisor, Poornima Alumni Association, PF; Mr. Rahul Singhi, Director, PF; Dr. Om Prakash Sharma, Director, PCE; Dr. Rekha Nair, Dean Academics; Sh. Rajiv David, Proctor, PCE, All the Head of the departments along with senior faculty members made the meet a memorable one. The Aim of this alumni meet was to applaud & appreciate the passed out students and to provide them a platform / opportunity to interact with alma-mater and batch mates to relish and refresh past memories. The meet had an objective of initiating, requesting Alumni of batch 2000-04 to 2008-12 to come and enjoy with alma mater.



WISE Newsletter Release : FEBRUARY 02, 2018

February 2, 2018 was a memorable day for PCE. On this day, Smt. Renu Singhi, Advisor Poornima Alumni Association, Dr. Om Prakash Sharma, Director, PCE, Dr. Shuchi Dave Chairperson PWWA all HOD's, WISE members and student coordinators, of WISE-PCE released the Sixth volume of Newsletter PCE-WISE.

Chairperson of WISE, gave portrait, Reflecting the events held in the past years as token of gratitude to Mrs. Renu Singhi, Advisor, PAA.

Addressing the gathering Director, PCE appreciated the efforts of WISE Committee. He also shared his words of wisdom and experiences with the students, faculty members and ensured them to provide the utmost support whenever it is needed.



KAVYANJALI: FEBRUARY 3, 2018 This year Aarohan 2K18 came up with the humor and exuberance as the stage was thesised by the prominent poets of the country. Kavyanjali brought people together to appreciate poetry that cuts across all the borders of class and age. The poets held the gathering mesmerized for the rest of the night. The session of laughter and verse was appreciated by the audience that clamored for more.

MUSICAL EVE: FEBRUARY 3, 2018

On 3rd of February 2018, Aarohan hosted its first edition of Musical Eve with Rasika Shekhar was Held at the OAT, PCE campus, the performances featured many blossoming musics with an assortment of unique musical combos.

Workshop on “Selenium Testing Tool” organized by Department of Information Technology: FEBRUARY 12-13, 2018

A 2-Day workshop on Selenium Testing Tool was organized by Department of Information Technology on 12th & 13th February, 2018. The workshop was organized for IV Year VIII Sem. students of IT & CS. In this workshop 41



ANTRIKSH CHHIPA (CE)
Placed in SAP Labs, Skillrock Technologies

ANURAG ACHARYA (CE)
Placed in Capgemini India Ltd.



students of IV Year- IT and 12 students of IV Year- CS participated. The main objective of the workshop was to provide the basic understanding of automated testing through Selenium open source testing tool. Selenium is one of the popular software testing frameworks for web applications. The workshop covered from the basics of test plan and test case design to advanced topic Selenium – Web driver. The workshop was conducted by external training agency TechnoGlobe, Jaipur and the trainer was Mr. Narendra Singh Nirwan, Technical Head, Techno Globe, Jaipur. In the inaugural part of the workshop Mr. Amol Saxena HoD-IT formally welcomed Mr. Narendra Singh Nirwan, Technical Head, Techno Globe and Mr. Vijay Gupta Manager - Students Relations, Techno Globe, Jaipur. In his opening address he gave brief introduction of the workshops with schedule and contents to be covered in the workshop.



Civil Department conducted a mock drive with the help of final year placed students to evaluate the efficiency of III year students for upcoming placement drives: FEB 15, 2018

Department of Civil Engg. conducted a mock drive with the help of final year placed students to evaluate the efficiency of III year students for upcoming placement drives under the guidance of Dr. Om Prakash Sharma, Director PCE. Director, PCE motivated and guided students for placement activity and gave assurance to the students for helping in each and every situations.



Career oriented and Motivational session by Mr. Rajendra Pal Singh (RAS – Batch 2012): FEBRUARY 16, 2018

The session was conducted on Feb. 16, 2018 by Mr. Rajendra Pal Singh (RAS – Batch 2012) for all Civil Engineering students including I year. He shared his experience with students and guided students that how to prepare for competitive exams. He shared about the time schedule and preparation level needed with the students. He told students "You've been worked hard for a week, so now take a moment to look back at all that you've achieved. These reflective quotes will open your mind and allow you to appreciate where you've been and where you are going."



Rotary InTech Olympiad-2018 organized by Rotary Club of Pune Pride (RCPP) and College of Engineering Pune (COEP) : FEBRUARY 17, 2018

The aim of this national level competition "Rotary InTech





APURVA CHASTA (CE)
Placed in Infosys Ltd.

ASHISH MAURYA (CE)
Placed in Infosys Ltd.



Olympiad-2018” is to identify the live industry problems and solve them with the help of energetic students. The problems collected so far are multi-disciplinary in nature and needs a team work amongst various domains of engineering. There were four rounds in the national level InTech Olympiad-2018 competition.

1. **Online Aptitude and Psychometric Test:** held in September 2017.
2. **Project specific online test:** held in October 2017.
3. **Project team’s formation and project work** held in November 1, 2017 to January 14, 2018.
4. **Grand Finale:** February 17, 2018.

The team of total 11 students out of which 7 students were from Department of IT, PCE (II Year-2, III Year – 4 & IV Yr 1) won the 1st prize consisting of (Medal and a Cash Prize of Rs. 36000/-) in the Grand Finale of national level technical competition Rotary InTech Olympiad-2018 held at College of Engineering, Pune. In the final round to win the prize students’ team submitted and presented a research report on the assigned techno commercial project titled – “1. Retail financing on electric / battery operated three-wheelers, 2. Identification of end user – Paxx & Cargo, 3. Tenure, 4. LTV, 5. IRR”.

Winning team Members of Dept. of IT (1st prize)

Name of Students	Year	Branch
Akshita Parakh	II	IT
Dipanshu Goyal	II	IT
Pradeep Gupta	III	IT
Rani Kumari	III	IT
Ritu Jain	III	IT
Shubham Dixit	III	IT
Vaibhav Kaneria	IV	IT

Women’s Day Celebration: MARCH 8, 2018

8th March is internationally celebrated as the “International Women Day”. The Chief Guest of the day was Mrs. Renu Singhi, Advisor Poornima Alumni Association. Director, PCE, Chairperson, WISE and other PCE family members were also present. Girl students of EE and EC department organized different activities including Documentaries on women empowerment, Antakshri, Fancy dress, Dance, Singing, Mehndi Competition, Selfie Treasure Hunt etc. during inaugural the session Ms. Arpita Biwal & Ms. Karishma (student coordinator) 3rd year EE of the cell introduced and welcomed the speaker. The program proceeded ahead by Ganesh vandana followed by Maa Saraswati lamp lighting.



Principals Meet 2018 Infosys campus connect: MARCH 16, 2018

Principals Meet 2018 was organized under Infosys Campus Connect Program at Infosys Chandigarh on 16th March 2018. Mr. Manish Kumar Sharma SPOC, Infosys Campus Connect, Asst. Professor PCE attended the meet on the behalf of Director PCE. two video conferencing sessions IT Landscape and Overall Campus Connect Program Status was taken by Sundar KS, AVP - ETA and Head- Campus Connect, Infosys Limited, Mysore followed by Entry level Recruitment- An overview took by Shaan Vats, Lead, Talent Acquisition, Infosys Limited.





ASHWARYA CHHABRA (CE)
Placed in Infosys Ltd.



ASHWINI KHANDAL (CE)
Placed in Infosys Ltd.

Poornima College of Engineering was recognized as Advanced Partner Institute in Infosys campus connect program for consecutive 6th year Plus outstanding contribution in rolling out Infosys campus connect offering –Foundation Program during period January to December 2017. Mr. Manish Kumar Sharma, SPOC Infosys campus connect program, was recognized as GOLD partner faculty under Inspire- The Campus Connect Faculty Partnership Model and Ms. Shazia Haque Associate Professor IT, was recognized as BRONZE partner faculty under Inspire- The Campus connect Faculty partnership model.

POORNIMA MECHATHLON- 2K18: MARCH 23, 2018 The Department of Mechanical Engineering, Poornima College of Engineering Jaipur organized a Mechathlon - 2K18 on March 23-24, 2018 in association with American Society of Heating, Refrigerating, Air Conditioning Engineers (ASHRAE), Indian Society of Heating, Refrigerating, Air Conditioning Engineers (ISHRAE) and Scienceoclypse Club. The objective of this activity is to make the students acquainted with real-time problems, their solutions and to improve upon thinking ability of the students.

The occasion Mechathlon - 2K18 witnessed the presence of Mr. Tarun Shrivastava, CEO, Tishitu Jaipur, Dr. Om Prakash Sharma, Director, Poornima College of Engineering, Jaipur, Mr. Kushagra Juneja, President, ASHRAE Jaipur Section, Ms. Shushila Shrivastav, Managing Director, Tishitu, Jaipur, Mr. Rakesh Pradhan, ISHRAE Jaipur Chapter along with the faculty members of Mechanical Engineering Department, PCE Dr. Om Prakash Sharma, Director PCE in his opening remarks highlighted the importance of real time problems & their solutions which is faced by our society. Mr. Ayush Arora, B.Tech Scholar, PCE has explained the objectives of the event. The Mechathlon 2K18 comprises of five activities namely DesignOsaurus, Aerotrix, Fast N' Mechanic, Trivia Quiz, Futuristic Quantum which will boost the thinking process of the students. Mr. Tarun Shrivastava, CEO, Tishitu Jaipur had shared his views about the event that, problem solving has been identified as the top priority attribute in engineering graduates for the 21st century. Mr Punit Suthar, B.Tech Scholar, PCE proposed the Vote of Thanks. More than 280 students from various department participated in the event from the PCE .





AYUSH JAIN (CE)
Placed in Infosys Ltd.

BHAVIKA TIKYANI (CE)
Placed in Collabera Services Pvt. Ltd.



Miscellaneous Activities : (Even and Odd Sem. Session 2017-18)

FACE CLASS: Effective communication is important for the development of an organization. It is something that helps the students to perform the basic functions of management – planning, organizing, motivating and controlling. The Focus Academy of Career Enhancement runs its program in the Poornima College of Engineering Campus for all the students. The first and second year students are taught the basic inter and intra personal skills which constitutes the body languages, communications skills and much more. For Campus Placements, the awareness of certain aptitude questions is a must. With this, the FACE provides the aptitude class for the students. The classes are conducted for three hours once a week for all the students. Thereafter the exams are conducted for the better evaluation of the students and the students are categorized into different slots as according to their performances.

IBM CLASS: “Being in the clouds“ brings us comfort and a sense of superiority. Cloud Computing – Cloud hosting is moving increasingly to a destination with no return: the consolidation as an essential tool for the future existence of the internet world. The Artificial and business intelligence comprises the strategies and technologies used by enterprises for the data analysis of business information. The Poornima College of Engineering runs the IBM class for the students to provide the knowledge about the running trends in this world. The students are provided with the video lectures by the experienced faculties. The 3rd Yr students are given the projects as an assignment to complete. Though the IBM class is a beneficiary tool for all the students which has helped the students to groom their overall personality helping in a long run. It has brought a dynamic change in the students.



BLOOD DONATION CAMP: The Poornima foundation & Jain social group (Emerald) and rotary club mount conducted a blood donation camp in all campuses of PF. The student of the college came forward to serve the nation for the social cause. Not only the students but also the faculty members were found enthusiastic to donate blood. This proves a beneficial factor for society as a support to those who need blood at the time of medical emergency.



DARSHI JAIN (CE)
Placed in Infosys Ltd.



DEEKSHA JOSHI (CE)
Placed in Infosys Ltd.

AAROHAN : JANUARY 30 to FEBRUARY 3, 2018

Coming together is a beginning, keeping together is progress and working together is success.

“Aarohan” Poornima 2018 Techno-Cultural-Sports fest was conducted from 30th January to 3rd February, 2018 as a platform for everyone to show the exuberance and talent. The program started with Ganesh Vandana followed by lamp lighting by the Chief Guest DR. SM Seth, Chairman (Emeritus), Poornima Foundation, Sh. Shashikant Singhi, Chairman, Sh. M.K.M. Shah, Director Admin, PGC, Sh. Hari Singh Shekhawat, Director Infrastructure, PGC, Dr. O.P. Sharma, Director, PCE, Mrs. Renu Singhi, Advisor, Alumni Association, The Chief Guest, Sh. SM Seth blessed all the students with his enlightened speech. Nearly 2000 students of PCE actively participated in the event with great zeal and enthusiasm. Winners and Runner up were appreciated by trophy and appreciation certificates.

This year the theme of Aarohan was “Time” which encircled its importance.

The event provides a platform to young technocrats to battle and outshine their skills inculcating strong managerial and professional skills. Following this, a number of activities were conducted. Aarohan 2K18 included Celebrity Night as well as Kavi Sammelan which added great zeal and ensured high inter-college participation of students.

The number of events took place which were organized under different sections-

- Sports – Chess, Carrom, Basketball, Tug-of-War, Volleyball, Tennis etc.
- Cultural – Group Dance (folk and western), Solo Classical
- Club – Duck tails, man-of-steel, extempore, debate, Iris pintar
- Technical – Programming Challenge, Blackhat, etc

Total number of events conducted were 54 including intra events as 24 and inter events as 25 in number. Nearly 30 sponsors supported Aarohan 2K18.



CATAGORY WISE PARTICIPATION :

CATEGORY	REGISTRATION
TECHNICAL	1532
CLUB	2746
CULTURAL	933
SPORTS	2285
TOTAL	7496





DIKSHA (CE)
Placed in Yusata Infotech Private Limited

DIVYA KHATNAR (CE)
Placed in Infosys Ltd., IBM India



VIEWS OF STAKE HOLDERS

An appreciation to Poornima for better academics

It has been a year since our daughter has been a part of this esteemed institution. the environment of Poornima College Engineering, Jaipur is conducive which helps in inculcating proper values in children. Poornima aims at the holistic development of child. Apart from studies, there are number of extracurricular activities which help the student to realize the inner potential. We can sense the change in our daughter too from a happy go lucky girl; she has changed into a responsible and focused girl. The things which makes this college different from other is the strict discipline which is rarely seen in other colleges. We had always heard about the college but with the development imparted in our child by the college. We can proudly say that the Poornima “hold to its standards” and to every parent who inspires for a better future for their child. I would suggest Poornima to be the best and the most trustworthy. We firmly believe that under the ample guidance of the top authorities the college will attain great height.

Thankyou!

Mr. Ravi Sharma & Mrs. Kalpana Sharma
Parents of Aishwarya Sharma, I Year, CS



Thanks to Poornima for overall development of the student

It has been a time span of more than 3years that our son has been a part of an esteemed & recognized institute of Rajasthan, Poornima college of engineering, Jaipur. His journey in these 3 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 faculties 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 faculties and of course, college environment and decorum.

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

Thankyou!

Dr. Subodh Kumar Verma & Mrs. Anita Verma
Parents of Saket Verma, III Year, ME





DIVYA PATEL (CE)
Placed in Infosys Ltd.

GAURANGI SHARMA (CE)
Placed in Capgemini India Ltd., IBM India



Extreme happiness due to positive change in behavior

College life needs to be one that enhance not only an academically focused thinking in a student but also an ability to give a fair hit to extracurricular activities. This is what we as parents were expecting and we are pleased to note that Poornima college of engineering Jaipur definitely done a very good job to fulfill these expectations.

We hold a loft our heads in pride to proclaim that the college is not just an institution of learning and inculcating values but is also optimizes creatively by producing budding writers, artists and scientists. Poornima institution has been fulfilling its onus of steering the students to the right path. More importantly the institution keeps us wired with the students academic performance. All the faculties are very cooperative keeping their eyes always open for the welfare of the students. We are thankful to Poornima for providing a sound environment for growth and development.



Thankyou!

Mr. Mangal Chand Suthar & Manju Devi
Parents of Puneet Suthar, III Year, ME

All for Poornima !!

It is only two years to be in contact with Poornima College of Engineering. During such a short period, we observe that PCE is an educational institution that knows the true meaning of education. Well, education in this Hi-Tech age seems to be loosing its values. But in PCE, we find that education is meant to broaden the outlook of the students so as to embrace the whole universe. They have been organising programmes of educative nature. The PCE is always trying to strengthen the bouts of unity in the world based on the universe and eternal values, like truth, love, compassion and the most importantly SERVICE, that is service of humanity. It always tries for the development of character, stimulation of interest and maintaining of one's mental vision. We hope this institution will stride a long way and will prove a milestone in the circumference of global institution.

We hereby appreciate the efforts made by Poornima Foundation working as a fillet for the betterment of our child and wish all good to the students as well as the institution.



Ram Nivas Kumar & Padmaja Sinha
Parents of Shubhali Raj, II Year, ECE



MANAN TIWARI (ME)
Placed in Pinnacle Infosys Ltd.

MANOJ KUMAR KHATEEK (ME)
Placed in Pinnacle Pinnacle Infotech Solutions Pvt. Ltd



A positive change due to Academic Performance

It has been about 3 years that our daughter got admission in Poornima College of Engineering. The college provides the environment for students to learn and improve communication skills and other technical skills that are important in every stage of life. Everything from her knowledge to her confidence and attitude has improved a lot. Apart from studies, the institute aims at imparting practical knowledge to every student which proves very much beneficial in every walk of life.

It is worth mentioning that we feel very proud that our daughter is the part of Poornima Foundation. We hope the best for Poornima Foundation and wish glorious future for everyone who is a part of Poornima Foundation.



Mr. Shankar Kumar Agrawal & Mrs. Meenakshi Agrawal
Parents of Anshu Agrawal, III year, CS



The Power of Smile-

How smiling can change your life & change the world

Being a reason for someone's smile is nothing but extending our love and affection; though love is underlying emotions, we desire throughout our lives, we seek love in the form of respect and guidance. Everyone wants to know that they are loved and appreciated. Encourage them to follow their dreams especially if no one else will. Find a way to tell them how much they mean to you and I strongly believe.....

The most beautiful thing is to see a person smiling.....

And even more beautiful is, knowing that you are the reason behind it!.....

“Be an inspiration in someone's life!

Be the reason for someone's smile!!!”

‘You prove yourself to be a part of developing humanity’.

With best wishes
Smiles



- Dr . Lily Agarwal
(Professor; PCE)

Budding Engineers



Section - A (CS)



Section - B (CS)



Section - C (IT)



Section - D (EC)



Section - E (EC)

Budding Engineers



Section - F (CIVIL)



Section - G (EE)



Section - H (EE)



Section - I (EE)



Section - J (ME)



ROOPAL DHOOT (EC)
Placed in BPL (Micromax)

RISHABH MODI (EC)
Placed in Infosys Ltd.



DEPARTMENT OF I YEAR

About the Department

The Department of First Year in PCE was established in 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 molded 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 Competition 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.



SALONI SHARMA (EC)
Placed in Capgemini India Ltd.



SALONI SONI (EC)
Placed in BPL (Micromax)

ACTIVITIES AND CONDUCTION

Non-Syllabus Projects: APRIL 20, 2017

In order to showcase the technological skill and teamwork of I Year students of all branches, the Project Exhibition was conducted on Thursday, April 20, 2017 in I Year Block of Poornima College of Engineering. This exhibition provided a vibrant platform to display 196 different non-syllabus projects from students of 6 engineering branches, namely: Computer Engineering (56 projects), Information Technology (23 projects), Electronics & Communication Engineering (34 projects), Electrical Engineering (48 projects), Mechanical Engineering (23 projects) and Civil Engineering (12 projects). Along with the project display, posters, charts and models of the selected projects were also exhibited. Dr. Om Prakash Sharma, Director, Poornima College of Engineering inaugurated the Project exhibition. He along with Head of department of I Year, PCE encouraged and appreciated the students for putting their efforts.



Student Handover Ceremony: JULY 5, 2017

A Student hand-over ceremony was conducted on Wednesday July 5, 2017 for present students of II year in all departments of PCE. The objective of Student Handover ceremony was to strengthen the link between I year and respective Higher classes through Tutor system. Dr. Om Prakash Sharma, Director, PCE, Proctor, all HoDs &, Dy. HoDs of respective departments including I year motivated the students. The ceremony also witnessed the presence of tutors from higher classes and first year and other senior faculty members of respective departments.



Orientation Program: AUGUST 01, 2017

The Inaugural Ceremony of Orientation Pratham Samvad for B.Tech. 1st Year students was conducted on Tuesday, August 01, 2017. The objective of the Orientation program was to welcome the new B.Tech. 1st Year students to PCE. The Orientation program also aimed to convey best wishes and blessings for their future endeavor in engineering career and to enlighten the new engineering students with the educational outline of the Institution. The session started with the formal welcome address by HOD I Year, PCE then the session moved forward with the embellishing address by Dr. Om Prakash Sharma, Director, Poornima College of Engineering. The inaugural session ended with the Vote of thanks by Dr. Ajay Khuteta (HoD, CS Dept. PCE), Mr. Amol Saxena (HoD, IT Dept. PCE) and Dr. Garima Mathur (HoD, EC Dept. PCE) Dr. Virendra Sangtani (HoD, EE Dept. PCE).





SAMEEKSHA GUPTA (EC)
Placed in BPL (Micromax)



SAMIYA GAURI (EC)
Placed in BPL (Micromax)

Industrial Visit: AUGUST 30, 2017

The Department of First year Poornima College of Engineering had organized a one-day industrial visit on Wednesday, August 30, 2017, for 51 students of first semester B.Tech Electrical branch section I. The visit was to the Uttam (Bharat) Electricals (P) Limited, situated in Vishwakarma Industrilral Area, Jaipur.

Within the industry premises of Uttam (Bharat) Electricals (P) Ltd., the JEN, Er. Mohan Lal, took charge and had taken the group to the plant around noon and briefed up with the introduction about the plant as well as the construction and manufacturing of transformers. He described the details of work process followed in the organization along with setup and installation in detail to the first year students.

Er. Mohan Lal, also mentioned about every activity happening in the GSS like cooling of transformers using oil and air, how they use silica gel to absorb moisture, transmission and distribution of supply, Use of Wave trap foffectively added on how they control those high incoming and outgoing voltages and current using buses, switches, control room.



Educational Visit at Poornima University Solar Plant: SEPTEMBER 07, 2017

On September 07, 2017 the first year students of PCE went to an Educational visit at Poornima University (PU). The session was presented by Dr. Neeraj Tiwari, Mr. Ashish Kumar Sharma. The session was attended by the first year students of Electrical & Electronics and Communication branch during 8:15am to 10:30 am. The objective of putting the project in the Poornima University is to demonstrate the technologies of solar power generation at a place which is visited by young and innovative minds.



Viswakarma Jayanti: SEPTEMBER 16, 2017

First year department celebrated September 16, 2017 as Vishwakarma Puja to pay obeisance to Lord Vishwakarma; regarded as the God of architecture and engineering. Vishwakarma Pooja is a day of celebration for Vishwakarma, a Hindu God, the divine architect. According to Hindu mythology Lord Vishwakarma is the builder of all the god's palaces, and the designer of all celestial vehicles and weapons. He is considered as swayambhu and Creator of the world. It was a resolution time for students and faculty to dedicate themselves to the cause of advancement of technology and gain divine inspiration for creating novel products. The programme started with reverence of Campus Director Dr. Om Prakash Sharma, HOD First Year and all faculty members of first year Department.





SAROJ JAKHAR (EC)
Placed in BPL (Micromax), TCS



SAURABH VYAS (EC)
Placed in Capgemini India Ltd.

Branch Specific Skill Development :

The Branch Specific Skill Development is newly introduced non syllabus subject for first year. The motive of this course is to remove the gap between industry and classroom. It consists of different skill development programmes for different branches.

VARIOUS ACTIVITIES ORGANIZED BY LITERARY CLUB :

World Photography Day: AUGUST 24, 2017

Poornima College of Engineering, I year (Group-A & B) organized an Photography PPT Competition for the newly admitted B.Tech students on August 24, 2017. The major objective of the programme was to make the students more confident, presentable and ensured progress of the students.

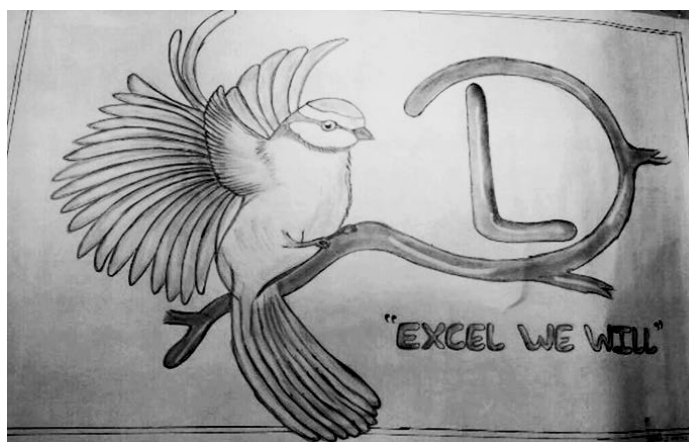
Winner: Mayur Sogna, Asha Meena, Chirandan Parnanik



Logo Competition : AUGUST 25, 2017

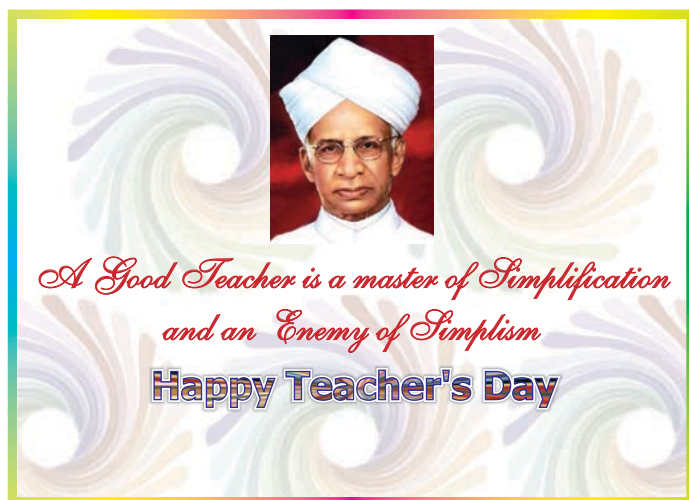
Poornima College of Engineering, I year (Group-A & B) organized an Logo Competition for the newly admitted B.Tech students on August 25, 2017. The major objective of the programme was to make the students more confident, representative and ensuring progress of the students. Total 40 students participated in the competition. The event was judged by Dr. Om Prakash Sharma, Director, PCE and HOD, Department of I Year.

Winner: Jagrati Khatri Section B (CS)



Teacher's Day Celebration: SEPTEMBER 05, 2017

The I year department of PCE celebrated the Teacher's Day on September 05, 2017. This day is celebrated with enthusiasm in which the I year Department takes part and celebrates it together. Students of I year vigorously participated in the program and enjoyed the celebration. The Program began with the introductory speech of Dr. Om Prakash Sharma, Director, PCE expressed the importance of the teacher in our society.





SHIKHA AGNIHOTRI (EC)
Placed in Infosys Ltd.

SHIVANI KUMAWAT (EC)
Placed in Infosys Ltd.



Glossary of ECA Club activities conducted with outcomes

Date	: Wed, 30/08/17
Activity description	: Industrial Visit of Section I to Uttam (Bharat) Electricals (P) Limited, VKI
Outcome	: Awareness regarding transformer construction & maintenance. Exposure to industrial setup and real-world applications

Date	: Mon, 04/09/17
Activity description	: 2 hour Seminar on Career Counseling Regarding “GATE & PSU SECTOR” by Mr. Ashutosh Kumar
Outcome	: Awareness about preparation involved for GATE in PSU and planning effectively about career development

Date	: Fri, 07/09/17
Activity description	: Solar Plant Visit at Poornima University Sections I, J
Outcome	: Awareness about working of Solar cells, Quiz on Solar power conducted

Date	: Sat.,08/09/17
Activity description	: Industrial Visit of Section J to Uttam (Bharat) Electricals (P) Limited, VKI, Multisim Workshop
Outcome	: Awareness regarding transformer construction & maintenance. Exposure to industrial setup & real-world applications.

Date	: Tue,26/09/17
Activity description	: (Filtering by shortlisting through quiz, 53 students shortlisted) 10 students performed best & received certificates
Outcome	: Created awareness & hands-on practice on Multisim with expert Dr. Deepika Chauhan (EE Dept., PCE)

Date	: Wed. 27/09/17
Activity description	: Industrial Visit of Section F to AKS Bearing
Outcome	: Awareness regarding manufacturing processes involved in production of Ball Bearings along with other important aspects



SHUBHAM PANCHOLI (EC)
Placed in Infosys Ltd.

SIYA JOSHI (EC)
Placed in Activant Solutions Pvt. Ltd.



MISSION 10 X / PPT

S.No.	Activity Type	Date	Topic
1	PPT	31-08-2017	Interference, Diffraction
2	Mission 10x	12-09-2017	Motivational Movie “Carben”
3	PPT	17-09-2017	How much land a man needs
4	PPT	10-10-2017	Functions
5	Mission 10x	09-11-2017	Motivational Movie “October Sky”
6	PPT	10-11-2017	Optical Fibre & Laser
7	PPT	14-11-2017	Letter & Job application writing
8	PPT	14-11-2017	CV writing
9	Mission 10X	23-11-2017	Control Structure (Online Compiler “c Programming”)
10	Mission 10X	27-11-2017	Control Structure (Online Compiler “c Programming”)

Papers and Journals presented by the Students

Paper Title	: Design & Simulation of Rectifier through MULTISIM Software
Students Name	: Deepak Purohit / Goverdhan Singh
Conference / Journal Details	: International Journal of Computer & Mathematical Science (IJCMS) ISSN 2347-8527 Volume 6, Issue 10 October 2017

Paper Title	: Review Paper on Solar Energy System
Students Name	: Deepak Purohit / Goverdhan Singh
Conference / Journal Details	: International Journal of Engineering Research & General Science (IJERGS) ISSN 2091-2730 Volume 5, Issue 5, September 2017

Paper Title	: A Review Paper on 5th Generation
Students Name	: Alok Kumar / Aadil Khan / Arvind Sangwan
Conference / Journal Details	: International Conference on “Recent Innovation and Trends in Engineering, Technology and Research (ICRITETR-2017)

Paper Title	: A Review Paper on Ancient Indian Science
Students Name	: Naveen S. Chouhan / Asha Meena
Conference / Journal Details	: ICRITETR-2017

Paper Title	: A Review Paper on Humanoid Robotics
Students Name	: Abhishek Soni / Harsh Khandelwal
Conference / Journal Details	: ICRITETR-2017



SONAL AGRAWAL (EC)
Placed in Infosys Ltd.

SONAL SHARMA (EC)
Placed in Infosys Ltd.



Paper Title	: Review paper of Piezoelectric Transducer and its Applications
Students Name	: Deepak Purohit / Chetan Madhukar
Conference / Journal Details	: ICRITETR-2017

Paper Title	: A Review Paper on Electric Cars
Students Name	: Madhav Pachauri / Shubham Yadav
Conference / Journal Details	: ICRITETR-2017

OTHER EXTRA /CO-CURRICULAR ACTIVITIES

S.No.	Club	Event	Date
1	LIT	National Youth Day	13/01/18
2	ECA	PLC / SCADA Workshop	20/01/18
3	LIT	World Water Day	22/03/18
4	LIT	Social Visit (Winners of Comp.)	24/03/18
5	ECA	Research Methodology Seminar	31/03/18
6	ECA	Python Workshop	27/3/18
7	ECA	Linux Workshop	28/3/18
8	ECA	Data Mining Workshop	3/4/18
9	ECA	PHP Workshop	5/4/18

FACULTY PUBLICATION & ACHIEVEMENTS

- 1) **Kulsum Bano:** Book published- communication skills by genius publication
- 4) **Mr. Kuldeep Sharma :**
 - i) Participated in the International Conference on 'Recent Trends of Universal Human Values' organized by Anand-ICE, Jaipur from April 03, 2018 to April 04, 2018.
 - ii) Presented a paper on 'Role of Teachers in Multicultural Classroom' in the IV International Conference of ELT@I (English Language Teachers Association of India) in association with Kanoria PG Mahila Mahavidyalaya, Jaipur on 30th and 31st October, 2017.





ZEESHAN AHMAD (EC)
Placed in Infosys Ltd.

ABHISHEK SHARMA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



Nano Tribology

Tribology is the science and technology of interacting surfaces in relative motion and of related subjects and practices. The nature and consequences of the interactions that take place at the moving interface control its friction, wear and lubrication behaviour. Understanding the nature of these interactions and solving the technological problems associated with the interfacial phenomena constitute the essence of tribology. The importance of friction and wear control cannot be overemphasized for economic reasons and long-term reliability. It is clear that the general field of tribology has grown rapidly in the last twenty years. Conventional tribology is well established but nano tribology is evolving and is beginning to take the center stage for the next decade. New materials are finding use and furthermore new industrial applications continue to evolve with their unique challenges. Nanotribology and nano mechanics are critical technologies for many micro-nano- devices and systems and nano structured materials. The purpose of the two theme issues is to present the fundamentals of nanotribology and nano mechanics in the first issue and applications to nanotechnology in the second issue.

The Google Driverless Car

The google driverless car is a project by google which involves the development of technology to make a car self-dependent. The software that google use to automate cars is known as the “Google Chauffeur”. They do not produce a separate car but install the required equipment onto a regular car. The project is currently being led by google engineer Sebastian Thrun (who is also the director of the Stanford Artificial Intelligence Laboratory and co-inventor of the google street view) under the aegis of Google X.



The speed limits are stored in the brain of the control systems and the car comes with a manual over ride which passes on the control to a driver in case of any malfunction. Automation is a growing trend in the present era. It is truly an engineering marvel since it involves a union of the different branches of engineering like computer science, electronics and mechanical to devise this technology. Electronic sensors sense the surroundings and send their response to microcontrollers which are programmed to give a desired response and actuators which actually carry out the response action.

Save The Girl Child

A girl is a doll,
The princess of the house.Loved so much,
So pretty and cute.Everywhere,
Like a little fairy,Solves all problems,
Never demands,So affectionate,
Till the very end,Why then are we so cruel to her,
And kill her in the womb?Think about it,
And take an oath,To give her the right..To survive.





AAYUSH KHANNA (EC)
Placed in Swami Fab Prints

AAYUSHI (EC)
Placed in BPL (Micromax)



ELECTRONICS & COMMUNICATION ENGINEERING

VISION

To establish an acknowledged department of academic excellence in the field of Electronics and Communication Engineering

MISSION

To provide comprehensive technical education through the exposure of latest technologies providing the learning environment to faculty members and students



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

About the Department

The Department of Electronics and Communication Engineering (ECE) was established in year 2003. National Board of Accreditation (NBA) accredited the ECE department in the year 2009 and 2015. It has intake capacity of 120. It also offers M. tech in VLSI Design & Digital Communication with intake capacity of 18 students. The department has highly qualified committed and research oriented faculty members. The department has laboratories as per Rajasthan Technical University Syllabus with State-of-the-Art facilities in diversified fields such as Electronic Circuits, VLSI Design, Digital Signal Processing, Embedded Systems, Advanced Wireless Communication and Microwave etc. Research is being carried out in the areas of Antenna Design and Wireless Communication, RF Simulation and VLSI design.

The department also has two labs;-

- (i) Microwave Engineering lab
- (ii) Advance Antenna & Wireless Communication lab supported by MODROBS grant of AICTE, New Delhi.

In the field of Electronic Engineering, Engineers can design and test circuits that use the various properties of electronic components such as resistors, capacitors, inductors, diodes and transistors to achieve a particular functionality. The tuner circuit, which allows the user of a radio to filter out all but tune a single station, is just one example of such a circuit. 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 need to construct the circuit.

For systems of intermediate complexity engineers may use VHDL modeling for programmable logic devices and FPGAs, Integrated circuits, FPGAs and other electrical components can then be assembled on printed circuit boards to form more complicated circuits. Today, printed circuit boards are found in most electronic devices including televisions, computers and audio players. Electronic engineering has many subfields such as:-

Electronic devices & Analog circuits: Energy bands in silicon, intrinsic and extrinsic silicon. Generation and recombination of carriers. P-N junction diode, Zener diode, Tunnel diode, BJT, JFET, MOS capacitor, MOSFET, LED, LASERS. Device technology, integrated circuit, fabrication process, oxidation, diffusion, ion implantation, photolithography, n-tub, p-tub and twin-tub CMOS process. single-and multi-stage, differential, operational, feedback and power analysis of amplifiers, frequency response of amplifiers, simple op-amp circuits, Filters, Sinusoidal oscillators, criterion for oscillation, single-transistor and op-amp configurations, power supplies, function generators and wave-shaping circuits. Apart from this we work on Signal processing, Control engineering, VLSI Design Engineering, Antennas & Network analysis.



ADITYA SHARMA (EC)
Placed in Infosys Ltd.

ANUSHREE JAIN (EC)
Placed in BPL (Micromax)



PROGRAMME EDUCATIONAL OBJECTIVES

- PEO 1. The graduates shall be competent enough to apply current knowledge, skill to solve the problems of society.
- PEO 2. The graduates shall be able to share the knowledge gained during graduation for enhancing the growth of organization.
- PEO 3. The graduates shall be strong enough to face the challenges, cutthroat competition using the advanced technologies in the multifaceted forms.

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 modelling 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.



ARNAV SINGH (EC)
Placed in Infosys Ltd.

ARPITA SHUKLA (EC)
Placed in BPL (Micromax)



MULTIFARIOUS ACTIVITIES

HANDOVER CEREMONY: JULY 5, 2017

Moving forward in the core with new vigour and new dimensions requires right direction. Keeping in the pace with the changing environment from first year to the core area, a Student hand-over ceremony was conducted on Wednesday 5 July 2017 for present students of II year in ECE department of PCE. The ceremony was graced by the presence of Dr. Om Prakash Sharma (Director), Dr. Garima Mathur HOD, Electronics and communication Department, Dy. HODs of respective departments including I year.



CIRCUIT DEBUGGING: AUGUST 18, 2017

Theory without practical is a futile exercise. With this idea, ECE department organized circuit debugging competition on 18 August 2017. The activity was coordinated by Mr. Vijendra Patel and Mr. Murari Kumar Parashar, Asst. Prof, ECE, assisted by Lakshit Jain, Abhinav Naveen & Abhinav Saxena. The competition had 2 rounds, preliminary round was technical writing, followed by circuit design. The event witnessed an active participation of more than 70 students which got filtered to about 24 for the next round. Vinay Pokharna and Visheshtha Gautam of III-B bagged the first prize followed by Mradhul Nagpal and Vikas Dhanda

INTERACTION WITH THE FIRST YEAR: AUGUST 21, 2017

The students of First year were welcomed by ECE department on August 21, 2017 in the orientation programme by Dr. Garima Mathur, Head, Dept. of ECE, Mr. Tarun Mishra. Asst. Prof., ECE assisted by Arnav Singh, Sonal Agarwal & Aman Bishnoi of final year. They highlighted the importance of ECE branch, career opportunities offered and other requisite information about the branch. The orientation started with the words of wisdom of Dr. Garima Mathur, Head, Dept. of ECE. The presentation given by final year students helped the students to get an overview of the functioning of the department.



DEBATE: AUGUST 21, 2017

Debate and divergence of views can only enrich our history and culture. Do voice must not be raised, argument must be raised. An effort was made to instigate the spirit of confidence by exhibiting good speaking skills through debate competition, that was held on 21st August 2017, coordinated by Mr. Gaurav Saxena and Mr. Vijeendra Patel assisted by Lakshit Jain, Anisha Oswal & Deepti. The topic was "Is Advertisement a Diplomatic liar" 24 Students from 2nd year and 3rd year enthusiastically participated in the competition. Students were divided in the groups of 2. Anisha Oswal and Diksha Buntolia students from 3rd year bagged the first prize followed by Shubhali Raj and Sheetal Shukla of 2nd year and Ramkinkar Das Tripathi and Pushkar Raj of 2nd year.



ARUSHI CHATURVEDI (EC)
Placed in Capgemini India Ltd.



CHANDNI MATHUR (EC)
Placed in BPL (Micromax), Activant Solutions Pvt. Ltd.

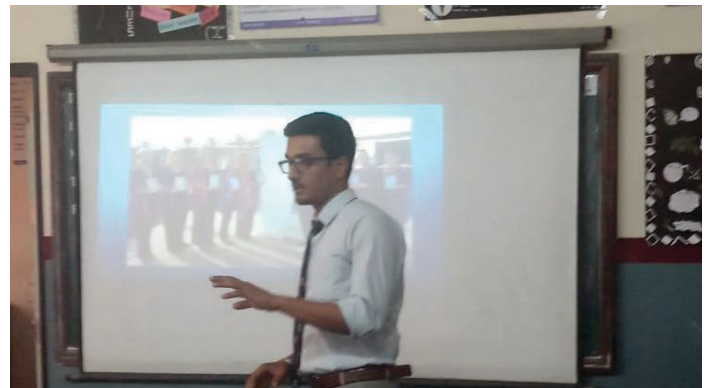
WISE ACTIVITY : AUGUST 26, 2017

Women participation is indispensable for any area to prosper. To highlight the importance of women, WISE club organized 2 activities, food without fire and painting competition on 26th August 2017 in Electronics and Communication department. Total 40 participants were there from which 24 were in food without fire and 16 were in painting. The activities were coordinated by Ms. Anila Dhingra and Ms. Bhawna Kumawat, assisted by Jyoti Singh and Khushboo Chhabra. Shaily Agarwal and Sheetal Shukla won the 1st prize followed by Prachi Bhura and Shreya Bhardwaj in food without fire. Shreya Mathur and Shreya Mathur won first prize in painting followed by Ishika Shaktawat and Garima Jain.



DOCUMENTARY COMPETITION: AUGUST 29, 2017

An IETE documentary competition was organized by Electronics and Communication department on 29th August 2017. The event witnessed an enthusiastic participation of 30 students. Mr. Rajveer Marwal Assistant Professor ECE coordinated the event. He was assisted by Manthan Sharma, Shivali Panwar & Pranjal Sharma. The event was graced by the auspicious presence of Dr. Om Parkash Sharma, Director, PCE and Dr. Garima Mathur Head of ECE. Kunal Chaudhary and Anamika Tiwari got the 1st prize and followed by GAurav Gupta and Aadesh Sharma.



INDUSTRIAL VISIT: AUGUST 29, 2017

Engineering without exposure to industry is only one face of the coin. It is indispensable for an engineering graduate to become familiar with the industrial environment and its work culture in addition to possession of good technical background. Industrial visit for Electronics and Communication department was conducted on 29th August 2017 at Bharti Airtel Ltd. The main objective behind the visit was to make the students aware about communication, Networking techniques related to the Airtel and work culture of the industry. 30 students of 3rd year were supervised by 2 faculties and 2 placement coordinators visited the company. Mr. Dipanshu Kulskretha, Manager Network guided the students throughout their visit. This was followed by discussions with the HR. The visit helped the students to get an idea of functioning of the industry and its culture.





CHHAVI PAREEK (EC)
Placed in Capgemini India Ltd.

GARIMA CHAUDHARY (EC)
Placed in BPL (Micromax)



MOCK DRIVE : AUGUST 30, 2017

With an idea to help the students get acquainted with the recruitment process, department of Electronics and Communication, PCE organized Mock drive session for the final year, on 30 August 2017 . The process followed 3 rounds. The first was aptitude. The students who have been passed the 1st round moved to the further round of interview. The activities were coordinated by final year tutors . The students coordinators were Gunjan Bansal, Abhinav saxena, Abhinav Naveen, Lakshit Jain.

SOCIAL ACTIVITY : AUGUST 30, 2017

A 1 day Social Service Activity was organized by the department of Electronics and Communication Engineering, PCE on 30 August, 2017. A batch of 20 students went to slum areas and distributed fruits, clothes and shoes to the unprivileged people. The activity was coordinated by Mr. Ajmeet Singh and Ms. Pooja Chowdhary. The noble act was supervised under the guidance of Dr. Om Prakash Sharma, Director PCE and Dr. Garima Mathur, HOD, ECE, PCE. The sites visited were Amroodon ka Bagh, Shipra Path, VT Road and B2 ByPass.

TECHNOVATION : MARCH 24, 2018

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 Adriano and embedded. They have guided approximately 20 students that shall be presented in the project exhibition. This would not only enhance their practical knowledge but also prosper team building skills.



TEACHERS' DAY : SEPTEMBER 5, 2017

Teaching is a profession that creates every other profession. With the same spirit, student of PCE conducted the “Teachers' Day” celebration in Electronics and Communication Department. It was organized by student of 2nd year section B on 5th September, 2017. The event was conducted with great spirit of enthusiasm. Students came out with their creativity. Dr. Om Prakesh Sharma (Director, PCE) . Dr. Garima Mathur (HoD, ECE), Tutors and all the faculty members of electronic and communication department were special guest.

WOMEN EMPOWERMENT : SEPTEMBER 24, 2017

Women are the core of existence of any and every part of universe . It is indispensable to overlook their valuable contribution. Keeping in pace with the present requisites, IETE proposed one week training programme on like "Internet Uses" under the banner of ‘Digital India’. “A great endeavor requires expert guidance.” A one day workshop activity was organized by the department of Electronics and Communication Engineering, PCE on 24 September 2017. 7 students of 3rd year, Khushboo Chhabra, Jyoti Singh, Laksh, Prashant, Arya Rawat, Ayushi Parashar, Divya Mishra along with 3 faculty members, Gaurav Saxena, Manish Kumar Sharma, Anila Dhingra visited Chaksu village. In Chaksu, they went to the school Unique Shine Children Academy. Our efforts were mutually supported by Mr. Trilok Kumar Sharma, Principal of Unique Shine Children Academy. This was a women centric activity which aimed to enlighten urban/rural house wives about the wonders that internet technology offers in easing day to day life. The policies which were introduced, Sarwa Shiksha Abhiyan, Indira Mahila Yojana, Balika Samridhi Yojana, Rashtriya Mahila Kosh, Mahila Samridhi Yojana, Employment and Income Generation Training, Production Center.



JAGRATI VIJAY (EC)
Placed in Infosys Ltd.



KAREENA BISHT (EC)
Placed in Infosys Ltd., TCS

CASE STUDY

In order to build up the presentation skills and shed stage fear, an initiative has been taken by the Electronics and Communication department in form of Case Study. In this, students of 2nd and 3rd year given project report of final year were study. They were then asked to give a power point presentation of about 5 -7 minutes. The activities were coordinated by their respective tutors. This helped in fostering confidence within the students in group.

PROJECT EXHIBITION: ‘AAKAR EXPO 18 : MARCH 22, 2018

An exhibition ‘AAKAR EXPO 18 of Engineering projects designed and developed by the students of Electronics and Communication Engineering branch of PCE was organised at the campus on 22nd. The Director, PCE delivering his message at the inaugural session and handling over the prizes for the best projects, thanked the students for their cooperation. A total of 63 teams registered and participated in the event enthusiastically and they are provided with the participation certificates. The Divyang Hand writing machine by the students of JECRC college gained the prior attention by all and bagged the first position followed by the students of Anand College. It was a tie between Poornima College of Engineering and Poornima institute of technology of II runner up. Shri Ghanshyam Sir, the chairman of IETE of Manipal University was invited as the guest of honour along with other guests.





KAVITA UNNIKRISHNAN (EC)
Placed in BPL (Micromax)

KUMAR AISHWARYA (EC)
Placed in Capgemini India Ltd.



WORKSHOPS

ARDUINO WORKSHOP: JUNE 22, 2017

A One Day workshop on ARDUINO was organized by Department of Electronics & Communication Engineering, PCE on 22nd June, 2017, for faculty members of ECE at PF level in PCE by expert Mr. Aditya SG Vyas, Team Lead from CNIR Pvt. Ltd Jaipur. The ambition of this workshop was to provide an opportunity for faculties to make them aware of ARDUINO thereby developing a stepping stone.

EMBEDDED SYSTEM WORKSHOP: JUNE 23, 2017

Workshop on “Embedded System Design” was conducted by Dr. Santosh Agarhari, Associate. Prof., PCE on 23rd June 2017. The main objective of the program was to impart in-depth knowledge of application of Keil μ Vision software for Embedded System Design. Initially he explained about overview and application areas of Embedded System. Then he told about the characteristics of embedded system with various examples. He further discussed about Microprocessor and Microcontrollers. Criteria for choosing a Microcontroller, Types of Microcontroller and 8051 Microcontroller Family was also explained. In this workshop programming was done using KEIL software. Various Programs like Addition of two numbers, LED blinking etc has been done. The knowledge gained by the Faculties from this workshop was extremely helpful for guiding Projects based on embedded system. A brief feedback session was held in order to find out the outcomes and short falls of the PASSPORT-2017.

MATLAB WORKSHOP: JULY 18-19, 2017

With a view to enhance the programming skills of students, department of Electronics and Communication organized a 2 day workshop for students of 2nd year on 18-19 July 2017. The workshop was supervised by Ms. Pooja Chawdhary and Ms. Bhawna Kumawat, Assistant Professor department of ECE. The workshop included the introductory programming in MATLAB, followed by some real life application areas.

DIPTRACE WORKSHOP: JULY 27-28, 2017

This was conducted for the students of II yr on 27-28 July, 2017 coordinated by Mr. Murari Kumar Parashar & Mr. Manish Kumar Sharma. It helped the students in upgrading their knowledge and get a platform to learn how a PCB is designed.

QEEE WORKSHOP: AUGUST 24-28, 2017

A 2 Day QEEE workshop was conducted by MHRD from 24,28 August 2017 by Mr. Rajveer Marwal. The area of interest was Electromagnetic Field Theory. Ms. S.N. Deepa, Professor, IIT Chennai conducted sessions where in the students learnt basics and importance of electromagnetic and the importance that it plays in real life applications. Electromagnetics is not only bounded within the rigid boundaries of electric or magnetic fields but a deep knowledge paves path for other interesting exploring areas like antenna, telecommunication and wireless.

FACULTY PARTICIPATION :

1. Dr. OM PRAKASH SHARMA successfully guided and finally defended on April 9, 2018 his Ph.D. scholar, Mr. Aditya Pundir for his Ph.D. entitled "Fault Tolerant Reconfigurable Hardware Design" using BIST TECHNOLOGY on SRAM.



2. AMIT KUMAR JAIN presented Paper on “Modified Rectangular Patch Antenna Loaded With Multiple C Slots for Multiple Applications” in International Conference On Finite or Infinite Dimensional Complex Analysis And Applications-2017 at Anand International College of Engineering, Jaipur. Also he presented Paper on “Modified U-Slot Stacked Micro strip Patch Antenna for Ultra Wideband Applications in S Band, C Band & X Band” in International Conference On Finite or Infinite Dimensional Complex Analysis And Applications-2017 - Anand International College of Engineering, Jaipur. As well as attended Two-Week ISTE STTP on “Electric Power System” sponsored by National Mission on Education through ICT (NMEICT), funded by MHRD. 10 to 15 July, 2017.
3. DEEPAK SHARMA presented Paper on "Study of system and sub-system efficiency of reusable launch vehicles using graph theory", ICONEST-2017 on 10 July, 2017, IISc Bangalore
4. MURARI KUMAR, Paper was accepted on "Review on low temp. Solution process 3-D complimentary organic FET on flexible substrate" (ASRJETS) also, attended Two-Week ISTE STTP on “Electric Power System” sponsored by National Mission on Education through ICT (NMEICT), funded by MHRD. 10 to 15 July, 2017 at Poornima College Of Engineering, Jaipur. He Attended One-Week Workshop on “IBM Career Education on Business Intelligence on Platform of Cognos, at JIET Jodhpur from 19 to 23 July, 2017 JIET, Jodhpur. Paper accepted on "Design and development of finger print based vehicle starting system" (IJSER)
5. GAURAV SAXENA presented a paper on International Journal Of Innovation Research In Science Engg. & Technology on topic of "Process stimulation of super junction power MOSFET" on 5 April, 2017
6. DURGESH KUMAR Presented a Paper on "Process stimulation of super junction power MOSFET" in International Journal Of Innovation Research In Science Engg. & Technology on 5 April, 2017
7. TARUN MISHRA attended Two-Week ISTE STTP on “Electric Power System” sponsored by National Mission on Education through ICT (NMEICT), funded by MHRD from 10 to 15 July, 2017 at Poornima College Of Engineering, Jaipur. He attended One-Week Workshop on “IBM Career Education on Business Intelligence on Platform of Cognos”, at JIET Jodhpur from 19 to 23 July, 2017 JIET, Jodhpur
8. MANISH KUMAR SHARMA attended Two-Week ISTE STTP on “Electric Power System” sponsored by National Mission on Education through ICT (NMEICT), funded by MHRD from 10 to 15 July, 2017 Poornima College Of Engineering, Jaipur
9. RAJVEER attended One-Week Workshop on “IBM Career Education on Cloud Computing on Platform of Blue mix”, at PCE Jodhpur from 19 to 23 July, 2017 at Poornima College Of Engineering, Jaipur
10. Dr. SANTOSH AGARHARI published a paper on "Swastika (A Hindu Symbol) as a Multiband Metamaterial unit-cell" in International Journal of Innovations in Engineering and Technology (IJIET) Volume-8 4 August, 2017. Paper accepted on "A compact monopole UWB Antenna with Dual Band Notch Characteristics" in International Conference on Information Communication Instrumentation and Control from 17 to 19 August 2017. He attended two-days Workshop on "Digital Era Tools for Teaching -Learning" from 15 to 16 Sept., 2017 at Nirma University, Ahmedabad. He also attended One-day Workshop on "Induction Program" at AICTE 7 July, 2017, New Delhi
11. POOJA CHOWDHARY attended Springer Conference in IIT Kanpur on "Time synchronization in Mobile wireless sensor network using ML-MAC"(Communicated) from 23 to 24 Dec., 2017 at IIT, Kanpur
12. BHAWNA KUMAWAT attended Springer Conference in IIT Kanpur on "Time synchronization in Mobile wireless sensor network using ML-MAC"(Communicated) from 23 to 24 Dec., 2017 at IIT, Kanpur
13. Dr. LILY AGARWAL has presented a paper in the International Conference of British Council, ELT@I chapter Jaipur on October 2017. She was invited to delivered a special lecture on Soft Skills at Bhartiya Skill Development University, Jaipur on 9 Jan, 2018 and She was invited as a judge in the Debate Competition in RCEW, Jaipur and JECRC Foundation, Jaipur in 12 march 2018.



PALAK ADHIKARI (EC)
Placed in Capgemini India Ltd.



PALLAVI PARWANI (EC)
Placed in Capgemini India Ltd.

STUDENT PARTICIPATIONS

AISEC PARTICIPATION: JAN. 15, 2018

Abhinav Naveen, one of the student of 3rd year, ECE had visited Cairo, Egypt for his technical project on Solar Energy. He learnt various techniques about the water puming system, calculation of number of batteries and panels which is required in our homes for the generation of electricity and much more. He also dealt with the problems which the people face. And at last after spending his 45 days there, all the AISECERS bid him the goodbye with great spirit.



RTU THAR: MARCH 9, 2018

The students of Poornima College Of Engineering, ECE department (3rd year) had participated in THAR 2018 in Aeromodelling Events (Air Borne, Hoverstorm and Aeronave) held from 9th March to 11th March, 2018. They came up with flying colors as they were the Winners and runner ups in Aeronave in THAR18. The team 1 (Destroyer 1.0) consisted of members Yash Pratap Singh Chauhan(flyer), Sidharth kulshreshtha, Aditi Sharma and team 2 (Destroyer2.0) consisted of Rohit Dhakar(Flyer) Prashant Choudhary, ChitraDhakar.



MOCK DRIVE: MARCH 14, 2018

In order to prepare the 3rd Year Students for the recruitment process in the forthcoming year, a mock drive was conducted at department level on March 14, 2018. The activity was coordinated by Mr. Ajmeet Singh, Asst. Prof., ECE Department. After the written test which comprised of an online test consisting of non verbal, quantitative aptitude & reasoning questions, 46 students were shortlisted for the interview rounds. Interview was taken by final year placed students.





PRAGYA CHIMNAN (EC)
Placed in Infosys Ltd.



PREETI RAWAT (EC)
Placed in BPL (Micromax)

ACTIVITIES & ACHIEVEMENTS

- Event Name : Entrepreneurs
Description : Devendra Gautam of III-C started OLE Room. Shivansh & Shivam Rathore of II-B started OBB creations that include T-ShirtPainting, cup painting etc. Ansh of II-A attended an Entrepreneur session in IIT Kharagpur from 29th Jan to 2 Feb,2018.
- Event Name : DST Rajasthan Funded Projects
Description : About 7 projects got financial assistance at gate level . About 1 lakh grant was given to these students to carry out their project work
- Event Name : India ‘s Innovation Challenge 2017 – (Texas Instrumentation & DST India)
Description : 3000 teams out of 16000 teams were selected and 2 teams were shortlisted
- Event Name : Jaipuria Quiz- The Battle of the Brain.
Description : Abhinav Naveen & Diksha Buntolia of III year got a cash prize of Rs. 5000 held in PCE in the month of October.
- Event Name : Global Cyber Challenge- Peace A Thon
Description : Jalaj Punjani & Kunal Chaudhary of II- A got an opportunity to present their project idea in New Delhi on 20-21 Nov, 2017.
- Event Name : IETE Foundation Day
Description : Ruchika & Saloni Jaju of II-B got the I prize & Aadesh Sharma & Pranjal sharma stood as second runner ups in powerpoint presentation
- Event Name : Poornima Gaan
Description : Rajat Navlakha & Team got a cash prize of 5100
- Event Name : Motivational Session for Career at International Platform
Description : By Ms. Nupur Agarwal-IIT Kharagpur, Ms.Caitlin Foster- Australia, Mr.Daniel –USA took 2 hour session on 23 Feb 2018
- Event Name : Outside participation-women’s day
Description : 12 students of III year attended the seminar in JECRC organized by Microsoft Imagine Cup on Women’s Day
- Event Name : National Science Day
Description : 2 prize in Science quiz on National Science day conducted in MNIT on 28 Feb 2018
- Event Name : RTU Merits
Description : Saloni & Harshit Sharma grabbed the 7th & 9th position in RTU Merits 2016-17.

Engineering-A Future..?

“One man’s “magic” is another man’s engineering. “Supernatural” is a null word.” -Robert A. Heinlein

Engineering is one of the most lucrative fields of all and making use of an engineering degree needs careful thought before and after making the decisions. Having a look at the number of existing and upcoming colleges, a question that may arise in our minds is whether we need so many engineers and technocrats today or not? The answer is a big ‘yes’! We do require them and will be requiring forever since they handle the technology and indubitably technology has no ends or limits. An opportunist is a one who has the potential to change the world which is what the time actually demands for, and for the creative and energetic minds there are ample of opportunities out there. Engineering requires the whole new level of aptitude and brain activity and this is the acumen that has kept them at par from other fields.

Chandni Mathur, Final Year (A)



ADITYA SINWAR (ME)
Placed in Activant Solutions Pvt. Ltd.



AKHE SINGH (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

MECHANICAL ENGINEERING

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.



Dr. Hemant Gupta
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. We provide 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 comprises of 29 Faculty Members and 7 Technical Assistants. Both the students and faculty members have vowed to leave no stone unturned. Students of mechanical department are showing impeccable performance. Every year, more than 6 students secure the Gate Score Card. 54 students got selected in Pinnacle Infotech Solution. Students have fabricated Hybrid vehicle Hayagriva- a formula-4 racing car that won three awards namely People Choice Award, Best Design Award and Go Green Award at Buddh International Circuit, Noida that was organized by Imperial Society of Automotive Engineers. Students have completed ISHRAE funded project of worth Rs28000 - Portable AC with Water Cooled Condenser. Similarly ASHRAE has approved \$5000 for student project-Solar Milk Refrigerator. The department organized various workshops, seminars, expert talks and presentations like Seminar on Sustainable and Energy Efficient Building, Green Building, One Week Workshop on Fluid Mechanics conducted by IIT KGP, One Week Workshop on Thermodynamics conducted by IIT Bombay, Expert lectures by 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. Gate special classes and communication improvements programs are being organized by the department. Faculty members are publishing their research & review papers in SCI and Scopus indexed Journals and various International & National Conferences.





AMIT KUMAR (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

ANKIT KUMAR KUMAWAT (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



Programme Educational Objectives (PEOs)

- PEO-1 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.



ANKUJ SHEKHAWAT (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

ANMOL BANSAL (ME)
Placed in Infosys Ltd.



Program Specific Outcomes (PSOs)

- PSO-1 To promote the participation and leadership for better placements and success in competitive examinations.
- PSO-2 To apply the required knowledge of Mechanical Engineering in respective fields for the growth of individual and society.

MULTIFARIOUS ACTIVITIES

HYBRID VEHICLE HAYAGRIVA : JANUARY 17-22, 2018 Students of Poornima College of Engineering, Jaipur participated in Hybrid racing car competition held at Buddh International Circuit Greater Noida organized by Imperial Society of Automotive Engineers during January 17-22, 2018. Total 29 students of Poornima College of Engineering, Jaipur along with Faculty Coordinator Dhananjay Kumar (Faculty ME) participated in the event with their car HAYAGRIVA.

Hayagriva is a hybrid vehicle a FORMULA-4 racing car which is fabricated and made by 27 students of different departments Mechanical, Electronics, Electrical and Computer Science Engineering. The car has 306 CC four stroke one cylinder Petrol Engine which produces 9.863 BHP and 19.6Nm of torque. Maximum speed of this racing car is 120 KMPH. The car is fitted with 1500W, 48V electric motor, which adds merits to the feature of Hybrid Technology introduced in HAYAGRIVA.

HAYAGRIVA has won following Awards/Prize -

- Imperial Society of Innovative Engineering (ISIE) future award HVC 2017- 2018 of worth rupees 1 Lakh (Rs. 1,00,000/-).
- People's Choice Award of worth Rs 10, 000 / -.
- Runner up in the Best Acceleration Vehicle.



PERFORMANCE ANALYSIS OF SOLAR OPERATED MILK REFRIGERATOR USING HYBRID NANOMATERIALS

American Society of Heating Refrigerating and Air Conditioning Engineers (ASHRAE) has approved the project entitled "Performance analysis of solar operated milk refrigerator using hybrid nanomaterials" in the amount of \$5000 under the ASHRAE Undergraduate Program Equipment Grant. This project will be fabricated under the guidance of Mr. Shailendra Kasera, Department of Mechanical Engineering, PCE. The objectives of this project are to use the solar DC power to run the milk refrigerator and to calculate the performance parameters of solar DC operated milk refrigerator using hybrid nanomaterials and R290 base fluid.

ASHRAE DISTINGUISHED LECTURE ON PRIMARY HEATING/COOLING PLANT STRATEGIES:

Department of Mechanical Engineering, Poornima College of Engineering, Jaipur organized a Distinguished Lecture on "Primary Heating/Cooling Plant Strategies" in association with American Society of Heating,



ASHISH AGARWAL (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

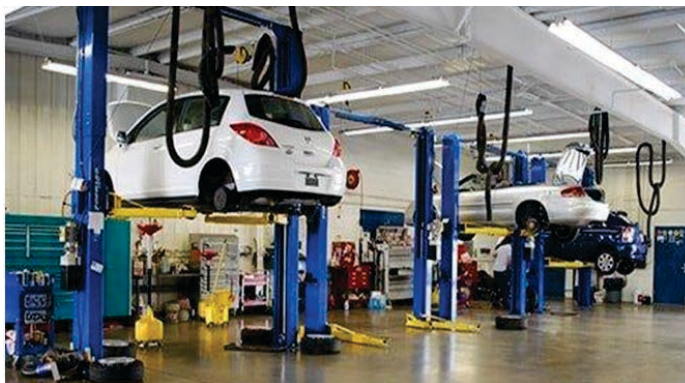


ASHISH KUMAR MISHRA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

Refrigerating and Air Conditioning Engineers (ASHRAE). The main objective of this Distinguished Lecture is to make the students and faculties acquainted with Heating and Cooling Strategies, recognize system configuration types and the benefits of each configuration, impact of system type on operations and financial aspect of technology. Mr. Jim Vallort delivered the Distinguished Lecture on Primary Heating/Cooling Plant Strategies & How to Maximize the Energy & Financial Savings.

AUTOMOBILE WORKSHOP:

Poornima University collaboration with Morani Hyundai organized a 3 days workshop from 23-25, April, 2017 for the students of Department of Mechanical Engineering on automobile components. Objective of the workshop was to acknowledge the students to practically deal with automobile components. Demonstration on the cut sections of Spark Ignition Engines and Compression Ignition engines along with assembly and disassembly of 2 stroke engines and 4 stroke engines took place. Even the need & methods of wheel balancing and wheel alignment were explained.



A VISIT TO BHAGWATI PLASTIC & PIPES MANUFACTURING, JAIPUR, JULY 18 2017

Department of Mechanical Engineering, Poornima College of Engineering, Jaipur organized an Industrial Visit at Bhagwati Plastics and Pipe Manufacturing, Jaipur on July 18 2017. 33 students along with faculty coordinators attended the same. Students were acknowledged about how to execute systematic business operations and meet the bulk orders of clients within the stipulated time. Mr. Sumer Singh has installed advanced machinery and equipment in production unit, which allow manufacturing a flawless range within client specific time and date. Moreover, Company has partitioned entire infrastructure into various other departments such as production department, R&D department, quality control department, administrative department.



A VISIT TO SANDHAR TECHNOLOGIES LTD. & ORIENT SYNTEX LTD. : AUGUST 10, 2017

Department of Mechanical Engineering, Poornima College of Engineering, Jaipur organized a visit of Sandhar Technologies Ltd & Orient Syntex on Aug, 10, 2017. The basic purpose of this visit was to make the students acquainted with manufacturing of mirror plates and their assemblies. Mr. Vinod Gupta, Marketing Manager welcomed the students and faculty members. He explained the basic operation of aluminum die castings. During the visit, students have learnt about the fabrication of various automotive parts like engine, hub pedal etc.





ASHISH MALI (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



AYUSH ARORA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

A VISIT TO KEC INTERNATIONAL LIMITED

Department of Mechanical Engineering organized a visit to KEC International Limited, at Jhotwara Extension, Jaipur, on 20th July 2017 for third year mechanical engineering students. KEC International Limited, the flagship company of RPG Group is a Global Infrastructure Engineering, Procurement and Construction (EPC) major. 30 students from IIIInd (A +B+C) year along with the faculty members Mr. Jayant Purohit and Mr. Piyush Vats visited the same. Mr. Vikas Baggad & Captain Amar Singh, Unit Chief welcomed the students and faculty members. He explained about KEC International Ltd. and its business units. He also explained about the expertise of KEC international i.e. manufacturing and design, tower testing, quality and turkey EPC solution.



A VISIT TO BRIJ INDUSTRIES :

The basic objective of this visit was to demonstrate the Manufacturing of boilers, machines, actual working on machines used for manufacturing and latest technologies by young and innovative minds. It helped the students to understand the recent technologies used in production and manufacturing of boilers. 36 students from IIIrd year along with the faculty members, Mr. Sanjay Kumawat and Ms. Asha Kumawat visited the same. Mr. Pawan Singh Chauhan, Manager welcomed the students and faculty member as well. He explained about the manufacturing and assembly unit, design section and lath machine working.



A VISIT TO RADHA RAMAN INDUSTRIES : JANUARY 25, 2018

Department of Mechanical Engineering organized an industrial visit to Radha Raman Industries, Plot No. H 151, Behind Bharat Gas, Road No 14, VKI, Badharna., Vishwakarma Industrial Area, Jaipur, Rajasthan 302013, on Jan 25th, 2018. Radha Raman industry is the first manufactured plastic emulsions on stainless steel accessories which has extremely long life as compared to other accessories manufactured in India. The basic objective of this activity was to know theoretical terms of manufacturing and machines with practical exposure and to know about the industry approach.



Mr. Anirudh Tiwari, Director, of Radha Raman Industries welcomed the students and faculty members. He explained about the products manufacture in industry, working of machines and market demand.



AYUSH SHARMA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



AYUSH TOLAMBIYA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

A LECTURE ON ENGLISH COMMUNICATION AND PERSONALITY DEVELOPMENT : FEBRUARY 6, 2018

Department of Mechanical Engineering organized a Lecture on English Communication on 6th Feb. 2018 at 1.30-3.30p.m., PCE Campus Jaipur, for IIRD year Mechanical Engineering students. Lecture was conducted by Mr. Naveen Sharma, Director AIM Institute Kaalwar Road, Jhotwara, Jaipur. The basic objective of this Lecture was to aware the students With the changing times, the face of the corporate world is also changing, wherein the need-of-the-hour is to have state-of-the-art professionals who are agile enough to meet the growing demands of the industry.



A VISIT TO NGO MUSKAN FOR ROAD SAFETY : APRIL 18, 2018

Department of Mechanical Engineering organized an industrial visit to NGO MUSKAN for road safety, 45 A, Hathroi, Harikishen Somani Marg, Near Sunder Palace, Jaipur on April 8, 2018. MUSKAAN: Foundation for Road Safety is a registered not-for-profit trust committed to building a culture of safety on roads through Awareness, Education, Training and Advocacy. It was registered as a charitable Trust in the year 2001. As road safety is a shared responsibility the NGO uses an integrated, community-centric approach to the complex issue of road safety.



DEPARTMENT DAY CELEBRATION : SEPTEMBER 26, 2017

Department of Mechanical Engineering, PCE celebrated the department day on 26th Sep. 2017 at Arbuda convention centre, 8.00 AM -2.30 PM. It is observed that the students do not get sufficient opportunity to perform when activities are conducted at central platform. 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 will also give the department, an opportunity to showcase its achievements and bring the feeling of togetherness and team working. The Pillars of Poornima group of colleges that attended the program along with the faculty members of Department of Mechanical and civil Engineering were Mr. ShashikantSinghi, Chairman, Poornima Foundation, Chief Guest:-Mr. Toshio Konagai (Managing Director, Koide India Pvt Ltd.), Guest of Honor: -Mr. Dhiraj Yadav (DGM General Affairs, Koide India Pvt Ltd), Dr. Om Prakash Sharma, Director, PCE, Ms. Renu Singhi, Advisor, Poornima Alumni Association,





GAURANG SHARMA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



BHAGRAJ CHOUDHARY (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

PF, Ms. Dipti Lodha, Chief, Training and Placement Officer, PCE, Mr. Mohd. Tarique, HOD, CIV, PCE, Mr. Sanjay Kumawat, Dy. HOD, ME, PCE.

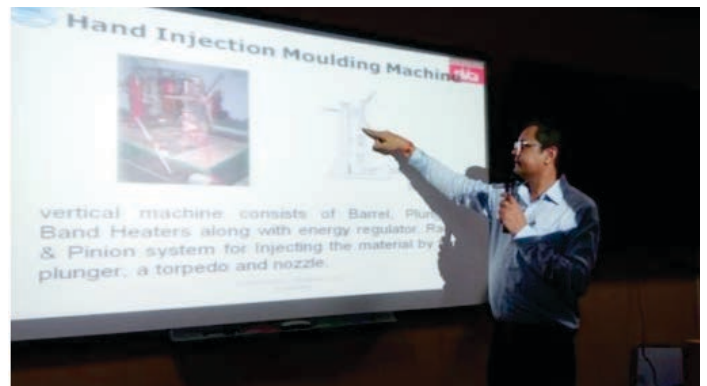
FACULTY TRAINING PROGRAME : June 22, 2017

On June 22, 2017, Thursday, all the participants of Department of Mechanical Engineering had an assignment related to last session under the supervision of program coordinator. Their after Dr, Hemant Gupta took a lecture on Fundamentals of Nano Technology, Nano Material, Types, Properties, Comparison and Applications. He emphasized on the learning of new technology related to Nano. A special Lecture was taken by Prof. D.S. Kumani, in which he covered fundamentals of robotics-Motion of rigid bodies, Mechanical System etc.



A VISIT TO CIPET: JUNE 23, 2017

On June 23, 2017, Thursday, all the participants of Department of Mechanical Engineering had an assignment related to last session under the supervision of program coordinator. The fifth day of training was quiet full of knowledge and wisdom. All the participants along with the participants visited CIPET, Jaipur under the module “Plastic Injection Molding”. The experts from CIPET delivered lecture through the PPT on fundamental of Rapid Prototyping, 3D Printing vs PIM and Reverse Engineering.



Continuous Variable Transmission : A persistently factor transmission (CVT) (otherwise called a solitary speed transmission, stepless transmission, pulley transmission, or, if there should arise an occurrence of bikes, a wind and-go) is a programmed transmission that can change flawlessly through a consistent scope of compelling rigging proportions. This stands out from other mechanical transmissions that offer a settled number of rigging proportions. The adaptability of a CVT permits the info shaft to keep up a consistent precise speed.

A belt-driven outline offers around 88% proficiency, which, while lower than that of a manual transmission, can be counterbalanced by bring down creation cost and by empowering the motor to keep running at its most proficient speed for a scope of yield speeds. At the point when control is more vital than economy, the proportion of the CVT can be changed to enable the motor to turn at the RPM at which it produces most noteworthy power. This is ordinarily higher than the RPM that accomplishes top productivity. In low-mass low-torque applications, (for example, engine bikes) a belt-driven CVT likewise offers convenience and mechanical straightforwardness.

Basic elastic belt (non-extending settled periphery made utilizing different exceptionally tough and adaptable materials) CVTs are generally utilized as a part of little mechanized vehicles, where their mechanical effortlessness and usability exceed their relative wastefulness. Almost all snowmobiles, utility vehicles, golf trucks and engine bikes utilize CVTs, normally the elastic belt or variable pulley assortment. Numerous little tractors and self-impelled trimmers for home and garden likewise utilize basic elastic belt CVT. Hydrostatic frameworks are more typical on the bigger units—the stroll behind self-pushed trimmers are of the slipping belt assortment.

Hydrostatic CVTs are basic in little to medium-sized agrarian and earthmoving hardware. As the motors in these



GULSHAN AGRAWAL (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

DEVANSH SHARMA (ME)
Placed in Activant Solutions Pvt. Ltd.



machines are normally keep running at steady power settings to give water driven power or to control hardware, misfortunes in mechanical effectiveness are balanced by upgraded operational proficiency, for example, lessened forward-turn around carry times in earthmoving operations. Transmission yield is differed to control both travel speed and course. This is especially advantageous in gear intended to turn or slip steer through differential power application as the required differential guiding activity can undoubtedly be provided by free CVTs, enabling controlling to be refined without braking misfortunes or loss of tractive exertion and enabling the machine to rotate set up. In cutting or gathering operations a CVT permits the forward speed of the tractor or join gatherer to be balanced autonomously of the motor speed. This enables the administrator to moderate or quicken as expected to suit varieties in thickness of the harvest.

TEACHERS' DAY CELEBRATION : SEPTEMBER 5, 2017

Department of Mechanical Engineering celebrated a Teacher's day on 5th Sept. 2017, PCE Campus Jaipur. Teacher's Day is marked in honor of Dr. Sarvepalli Radhakrishnan, who was born on September 5, 1888. Dr Radhakrishnan was India's first vice president and second president. He was a great scholar, philosopher and Bharat Ratna recipient. Since 1962 - the year he became president - India has commemorated Dr Radhakrishnan's birth anniversary by paying tribute to its teachers and gurus on this day.

The basic objective of programme is aware the students about the importance of teachers day and to improve their confidence, presentation, communication and management skills.

Faculty members of Mechanical Engg. Department attended the program along with Dr. O.P.Sharma, Director PCE, Dr. Hemant Gupta HOD, Mechanical Engg. It was organized by Ms. Asha Kumawat under the guidance and support of Mr. Shailendra Kasera .

Students showed maximum participation in program. Students performed as a teacher and followed the special time table of that day. At the last cake cutting session completed by Mr. Shailendra Kasera in presence of Dr. O.P. Sharma (Director, PCE), and Chief Proctor Mr. David, PCE.

Dr. O.P. Sharma in his motivational speech appreciated the efforts of students and faculty member to organize the program. Mr. Shailendra Kasera in his kind words focus on need and importance of moral values and ethics in this era. Different types of cultural activities were also performed by students like, dance, group song, SKIT, standup comedy etc.

Mrs. Asha Kumawat proposed the Vote of Thanks to all members that directly and indirectly contributed to make the program successful. She also said that such type programs will definitely helps the students to showcase the talents.





ALUMNI INTERACTION

S No	Year	Name of Alumni	Current Status
1	III A	Anshul Garg	Jr. Engineer, RVUNL
2	III A	Abhishek Mittal	Jr. Engineer, RVUNL
3	IIA	Shailesh Rao	Engineer, ProtechEle, Pvt Ltd.
4	II B	Arihant Jain	ASM, Indian Railway
5	III C	Satyam Sharma	GET, Spun Microprocessor Ltd.
6	III A	Avinash Gupta	Engineer, HSL

ACHIEVEMENTS OF STUDENTS

- Students of Poornima College of Engineering have participated in National Conference conducted at Gyan Vihar University, Jaipur on the Topic **Training on Automobiles ICE and Hybrid Vehicle** on April 13, 2017
- Student, Atul Kumar Malviya secured III position in the National Conference conducted at S.S. Jain Subodh College, Jaipur on July 9, 2017.
- Student, Akshat Malawat secured IV position in the National Conference conducted at S.S. Jain Subodh College, Jaipur on July 9, 2017.

ARTICLES

Shape Memory Alloy

A shape-memory amalgam (SMA, shrewd metal, memory metal, memory compound, muscle wire, brilliant combination) is a composite that "recalls" its unique shape and that when twisted comes back to its pre-disfigured shape when warmed. This material is a lightweight, strong state contrasting option to traditional actuators, for example, water powered, pneumatic, and engine based frameworks. Shape-memory compounds have applications in apply autonomy and car, aviation and biomedical enterprises. The two principle sorts of shape-memory amalgams are copper-aluminum-nickel, and nickel-titanium (NiTi) compounds yet SMAs can likewise be made by alloying zinc, copper, gold and iron. Albeit press based and copper-based SMAs, for example, Fe-Mn-Si, Cu-Zn-Al and Cu-Al-Ni, are economically accessible and less expensive than NiTi, NiTi based SMAs are ideal for most applications because of their dependability, practicability and unrivaled thermo-workman execution. SMAs can exist in two distinct stages, with three diverse precious stone structures (i.e. twinned marten site, detwinned martensite and austenite) and six conceivable changes.

NiTi amalgams change from austenite to marten site after cooling; M_f is the temperature at which the progress to martensite finishes after cooling. As needs be, amid warming A_s and A_f are the temperatures at which the change from martensite to austenite begins and wraps up. Rehashed utilization of the shape-memory impact may prompt a move of the trademark change temperatures (this impact is known as practical weariness, as it is firmly related with a difference in microstructural and utilitarian properties of the material). The most extreme temperature at which SMAs can never again be stretch actuated is called M_d , where the SMAs are for all time disfigured. The progress from the martensite stage to the austenite stage is just reliant on temperature and stress, not time, as most stage changes seem to be, as there is no dissemination included. Thus, the austenite structure gets its name from steel combinations of a comparative structure. It is the reversible diffusion less progress between these two stages that outcomes in extraordinary properties. While martensite can be framed from austenite by quickly cooling carbon-steel, this procedure is not reversible, so steel does not have shape-memory properties.

Mrs. Asha Kumawat (Asst. Prof.)



DHRUVA KHANDAL (ME)
Placed in Shilpa Alloys



DIVYANSHU RAKH (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

Nanorobotics

Nanorobotics is a developing innovation field making machines or robots whose segments are at or close to the size of a nanometre (10⁻⁹ meters). All the more particularly, nanorobotics (rather than microrobotics) alludes to the nanotechnology building order of outlining and building nanorobots, with gadgets running in measure from 0.1–10 micrometers and built of nanoscale or sub-atomic segments. The terms nanobot, nanoid, nanite, nanomachine, or nanomite have likewise been utilized to depict such gadgets at present under innovative work. Nanomachines are to a great extent in the innovative work stage, yet some primitive sub-atomic machines and nanomotors have been tried. An illustration is a sensor having a switch around 1.5 nanometers over, ready to include particular atoms a concoction test. The principal helpful utilizations of nanomachines might be in nanomedicine. For instance, organic machines could be utilized to recognize and devastate tumor cells.[10][11] Another potential application is the identification of poisonous chemicals, and the estimation of their focuses, in the earth. Rice University has shown a solitary atom auto created by a substance procedure and including Buckminsterfullerenes (buckyballs) for wheels. It is activated by controlling the ecological temperature and by situating a checking burrowing magnifying instrument tip. Another definition is a robot that permits exact communications with nanoscale protests, or can control with nanoscale determination. For this perspective, macroscale robots or micro robots that can move with nanoscale accuracy can likewise be considered nanorobots. As per Richard Feynman, it was his previous graduate understudy and colleague Albert Hibbs who initially proposed to him (around 1959) the possibility of a therapeutic use for Feynman's hypothetical micro machines (see nanotechnology). Hibbs proposed that specific repair machines may one day be lessened in size to the point that it would, in principle, be conceivable to (as Feynman put it) "swallow the specialist". The thought was consolidated into Feynman's 1959 paper There's Plenty of Room at the Bottom. Since Nano robots would be tiny in measure, it would most likely be fundamental for expansive quantities of them to cooperate to perform minuscule and naturally visible undertakings. These nanorobot swarms, both those unfit to recreate (as in utility haze) and those ready to repeat unconstrainedly in the regular habitat (as in dark goo and its less basic variations, for example, engineered science or utility haze), are found in numerous sci-fi stories, for example, the Borg Nano probes in Star Trek and The Outer Limits scene "The New Breed".

Sanjay Kumawat (Asst. Prof.)

Gearless Transmission

The present world requires speed on every last field. Architects are always gone up against to the difficulties of proficient transmission of energy. Riggings are exorbitant to fabricate. It is expected to additionally build the productivity of transmission which is impossible utilizing equipped transmission. Gearless transmission component is equipped for transmitting power at any edge with no riggings being fabricated. Likewise called elbow component. It is a keen connection component of slider and kinematic chain standard. Transmits control at any edge without using gears. Transmits the power between two shafts whose tomahawks are at 90 degree through twisted connections. Three connections slide generally as indicated by the movement given to include shaft. Because of this, the rotational movement of information shaft is changed over into sliding movement of connections which is then changed over to rotational movement of the yield shaft. This framework shows productive gearless transmission of energy at right points. This spares equip fabricating time and expenses alongside teeth coordinating and adapt arrangement issues. The elbow component is an effective outline of gearless transmission method and the kinematic framework that takes into account productive power/movement transmission at right edges. This instrument takes into account movement transmission at 90 degree points between the driver and the determined shafts. We utilize mounts to mount a DC engine with shaft coupled to it. We at that point utilize 90 degree twisted poles to interface driver shaft with the determined shaft. We utilize exact penetrating with moderately dispersed and diametered openings to append the association bars with accuracy.

Kalpita Jain (Asst. Prof.)



CHIRAG GARG (Civil)

Placed in Pinnacle Pinnacle Infotech Solutions Pvt. Ltd



KHYATI SETHI (Civil)

Placed in Infosys Ltd., Pinnacle Infotech Solutions Pvt. Ltd

DEPARTMENT OF CIVIL ENGINEERING

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 program and faculty.

MISSION

- To have regular interaction with industry and offer solutions to their problems.
- To inculcate moral and ethical values among the students.
- To impart knowledge with emphasis on the development of leadership qualities in students.
- To encourage students to pursue higher education and take competitive exams and various career enhancing courses.
- To promote innovative and original thinking in the minds of budding engineers to face the challenges of future.
- To produce civil engineers of high caliber, technical skills and ethical values to serve the society and nation.
- To serve the society and the country by providing a broad and high quality education to its students for a successful professional career.



Mr. Md. Tarique Ahamed

Head, Department of Civil Engineering
Poornima College of Engineering, Jaipur



About the Department

Civil engineering is arguably the second oldest engineering discipline. It deals with the built environment and can be dated to the first time someone placed a roof over his or her head or laid a tree trunk across a river to make it easier to get across. Civil engineering is traditionally broken into a number of sub-disciplines. It is the second-oldest engineering discipline after military engineering. Civil engineers apply the principles of geotechnical engineering, structural engineering, environmental engineering, transportation engineering and construction engineering to residential, commercial, and industrial and public works projects of all sizes and levels of construction. They give us clean water and purify it so we can use it again. They build all sorts of things so we can get around, from roads and bridges to railways and airports. Civil engineers also do lots of other things like finding clever ways of recycling our waste, and finding solutions to problems like pollution. Civil engineering is all about helping people and shaping the world. It's the work that civil engineers do to make our lives much easier. In our department students and faculty both are equally contribute to make our department reach at the pinnacle of success. We arranged many visits like Centre for Development of Stones (C-DOS), conducted workshop at wonder cement, Jaipur, Visit Solar Power Plant at PU, Jaipur, Bisalpur Dam and many more. Unity is our department strength. Students are fully evolved in different projects according to their interest level.





Program Educational Objectives (PEOs)

1. To develop understanding of the graduates in civil engineering so as to apply their knowledge in real life scenarios related to civil engineering, e.g. a) Designing drainage system for Jaipur city, b) Innovating building materials and thus moving towards green construction industry, c) Applying best management practices.
- 2 To make the graduates acquainted with numerical modeling and software that are used in industries,
- 3 To give them exposures for other off-track branches of civil engineering like Ocean and Coastal Engineering,
- 4 To make graduates conceptually strong so that they can compete well in National Entrance exams like GATE, IES.
- 5 Graduates will be acting engaged in a professional career as a civil engineer or pursuing advance study,
- 6 To train students in a manner that they should function effectively in the multicultural and multitasking teams for the sustainable development.

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, 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. Program Specific Outcomes (PSOs) are what the graduates of a specific undergraduate.



SHASHANK RAJ ONKAR (Civil)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

SHWETA MEENA (Civil)
Placed in Infosys Ltd.



MULTIFARIOUS ACTIVITIES

Departmental Events & Activities

- Dr. Om Prakash Sharma (Director, PCE) motivated III & IV year students during Orientation Program.
- Students of second year visited “Centre for Development of Stones (CDOS)” on 11th Oct 2016 under the guidance of Ms. Shivanshi and Mr. Neeraj Pareek .
- Teachers’ Day was celebrated as a two hours activity along with regular classes on September 5th, 2016. On this occasion students organized quizzes, delivered lectures, presented a documentary and cultural activity along with refreshment for the faculty members and gave pens to the faculty members as a token of thanks.
- Classes for online certified course of Indian Institute of Remote Sensing (IIRS) on ‘Remote Sensing’ is conducting for the students by the Department under the guidance of Dr. Om Prakash Sharma from 3 August 2017 to till 3Dec 2017.
- Engineers Day was celebrated as a two hours activity along with regular classes on 15th September 2017.
- Students of department participated in Debate Competition (Manthan), held at Arbuda Convention Center, PCE on 14th September 2017.
- Total 11 projects sent for DST (Department of Science and Technology).
- Department of Civil Engineering conducted a four days Survey Camp for III year students of Civil Engineering successfully from 18 September 2017 to 21 September 2017 as the compulsory part of the RTU academic curriculum for 5th semester (Civil Engineering).
- Independence Day was celebrated on 15th August-2016 at Arbuda Convention Center, PCE with an active participation of faculty members and students. The faculty and staff members were felicitated for their contribution and efforts in academic under faculty and staff felicitation program and students presented a group song.
- GATE classes were conducted for the III& IV year students by the experienced faculty members of Civil Engineering department, coordinated by Mr. Shanker P.Mishra. GATE classes were taken by external Faculty Mr. Piyush Sharma.
- On 9 November 2017, Ms. Bharti Joshi along with Girl students attended a session on Gynec (Gynecologist) under WISE (Women in Science and Engineering) Club. Dr. Neelam Bapna, an Infertility Specialist, Gynecologist and Obstetrician in Saket Hospital, Mansarovar, Jaipur and has an experience of 25 years in these fields. She offers her services in infertility treatments like Endoscopy and Infertility Evaluation / Treatment etc. She is an active member of Indian Society for Assisted Reproduction (ISAR), Federation of Obstetrics and Gynecological Societies of India (FOGSI).





NIKET AGARWAL (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



KULDEEP KHICHAR (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

Achievements of Students

- Mr. Gaurav Gupta (2013-17) (2014-2018) B.Tech IV Year Student awarded by Silver Medal with Rs/- 2100 Cash & Certificate for session 2016-17 Oct, 2, 2017
- Shashank Raj Onkar (2014-2018) B.Tech IV Year Student awarded by outstanding contribution award with 2100/- Cash Prize in Kalanidhi, Oct 2, 2017
- Shashank Raj Onkar (2014-2018) B.Tech IV Year Student awarded by Silver Medal with Rs/- 2100 Cash & Certificate for session 2015-16 in Kalanidhi, Oct 2, 2017
- Sandesh Kumar Agarwal (2015-2019) B.Tech II Year Student awarded by Silver Medal with Rs/- 2100 Cash & Certificate for session 2015-16, in Kalanidhi, 2 Oct, 2017
- Shashank Raj Onkar (2014-2018) B.Tech IV Year Student awarded by Silver Medal with Rs/- 2100 Cash & Certificate for session 2016-17 in Kalanidhi, Oct 2, 2017
- Best Non- Syllabus Project in B.Tech. III yr Session 2016-17 (Cash Award Rs. 2100/-), Topic name- model of Sewage treatment Plant, Students Name- Prtitesh Agarwal, Alok Jindal, Sandesh Kumar Agarwal, Akash Kumar, Nishant Jangid, Ajay Kumar

SURVEY CAMP : SEP. 21, 2017

On 21st September, 2017 students completed their calculation work, group wise viva and presentation was checked by the faculty members of department. The best 2 groups were chosen out on the basis of their performance, knowledge gained and activities performed. Individual student round was also taken in which 3 best students were picked up for their outstanding performance.



DEPARTMENT DAY : SEP. 26, 2017

Department day was celebrated on 26 September, 2017 at Arbuda Convention Centre. On this occasion students organized quizzes, presented departmental documentary and cultural activities. They participated enthusiastically and showed their potential in each and every activity. Some students were awarded on department day.





LOKESH KUSHWAHA (ME)
Placed in Pinnacle Pinnacle Infotech Solutions Pvt. Ltd



MAHENDRA SINGH CHANDRAWAT (ME)
Placed in Pinnacle Pinnacle Infotech Solutions Pvt. Ltd

INDUSTRIAL VISIT : OCTOBER 11, 2017

The Department of Civil Engineering organized a industrial visit to Centre for Development of Stones (CDOS) on 11th Oct. 2017(11:00AM- 1:00PM).A total of 40 students went there. The Faculty coordinator and co coordinator were Ms Shivanshi,Asst Prof. and Mr Neeraj Pareek, Technical Asst respectively. And the student co-coordinator were Mr. Pradeep Khanwani, Mr. Rahul Mittal students of II year. Mr. Ajay Sharma was the Supt.Geologist and Mr Manish Gupta (Sr. Geologist) interacted with students and explained technical aspects to students about geological details of rocks and stones discussed about the need of geology Students gained knowledge about the availability of different types of rocks and minerals.



Various tests were conducted on stones etc. The overall experience of the CDOS visit was excellent and enlightening. Students visited there and gained a lot of knowledge about the stones, marbles and different types of testing machines.

QUIZ CONTEST : JANUARY 25, 2018

Department of Civil Engineering collaborated with MNIT (Bhopal) to conduct a non-technical quiz contest on 25th January, 2018 under the guidance of Dr. Om Prakash Sharma, Director, and PCE. More than 500 students of PCE, PIET, PGI, PU, YIT, JECRC, BMIT, JNIT etc participated in this contest. 3rd year students along with students from ME and EC coordinated whole activity. Student's coordinators came from MNIT, Bhopal. All the students from 2nd year and 3rd year coordinated the whole activity. Students got certificates of participation.

SITE VISIT AT ARSS : FEB. 14-15, 2018

Students of 2nd Year and 3rd Year visited the site. Mr Balwan Seshma and Mr. Shanker Mishra Coordinated this activity. Students learnt about design of reinforcement, reinforcement detailing and road construction. ARSS Infrastructure Projects Limited is engaged in civil construction activities. The Company's principal areas of work includes road works, bridge works, railway works, power works, real estate works and irrigation works. Its projects also include urban projects and marine projects. It executes bridges and flyovers in the states of Orissa, Chhattisgarh, Chennai and Kerala, among others.





MANAN TIWARI (ME)
Placed in Pinnacle Infosys Ltd.

MANOJ KUMAR KHATEEK (ME)
Placed in Pinnacle Pinnacle Infotech Solutions Pvt. Ltd



AWARDS DISTRIBUTED ON DEPARTMENT DAY (CIVIL DEPARTMENT)

S.No.	Name of Student	Year	Category
1	Himanshu Agarawal	III	Best Student(Department)
2	Khyati Sethi	IV	Best Student
3	Bharati	III	Best Student
4	Pradeep Kumar Khanwani	II	Best Student
5	Mohit Choudhary	I	Best Academics
6	Ankita	IV	Best Academics
7	Sandesh Agarwal	III	Best Academics
8	Shashank Shukla	II	Best Academics
9	Gaurav Gupta, Ankit Jain, Himanshu Agarwal, Aman Bandi, Ashutosh Sharma, Himanshu Garg(6)	IV	Best Final year Project
10	Sanjay Kumar Meena, Shailesh Meena,Sunil Manohar, Ritvik Parya(4)	II	Best Non syllabus project (first year)
11	Mona Sharma	IV	Best software skill
13	Bhumika Jain	III	Best Performance in student driven teaching learning process
14	Jaiwardhan Singh Deora		Best PMEPI student activity
15	Vaibhav Agarwal	IV	Best cultural (Boy)
16	Bhavana Sharma	III	Best cultural (Girl)
17	Shafique Alam	IV	Best Attendance
18	Faisal Ali Khan	III	Best Attendance
19	Saurabh Gunwant	II	Best Attendance
20	Harshit Meena	III	Best Management
21	Jatin Kanwat	II	Discipline
22	Deepanjal Mathur	II	Best Anchor Award
23	Vikram Meenia	III	Best sports

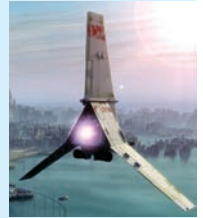




ARTICLES

SPACE DEBRIS: A threat to existence

Space debris, junk, waste, trash, or litter is the collection of defunct object in space such as meteorites, old satellites, a spent rocket stages, and fragments from disintegration, erosion, and collision. Space debris comprises of both natural (meteorite) as well as artificial (rocket stages) particles. Meteorite is a type of debris such as comet, asteroid, or meteoroid. A meteoroid is a piece of stony or metallic debris which travels in outer space. Meteoroids travel around the Sun in a variety of orbits and at various speeds. Man made debris are satellites, rocket stages, non-functional spacecraft, abandoned launch vehicle stages, mission



related debris and fragmentation debris. Debris are the object which no longer serves a useful function about the earth. Sources of debris are dead spacecraft, lost equipments, boosters and weapons. Threats from debris are communication problem, failure for upcoming missions, red conjunctions, Kessler syndrome. Tracking and measurement is performed by Tracking from the ground, Measurement in space, Gabbard diagrams. Debris are dealt by Growth mitigation, Self removal, and External removal. The main focus would be on the Removal of space debris. The upcoming satellites are advanced with the self destruction technologies. To destroy the present junk LASER technique has been introduced by National Aeronautics Space Administration (NASA). NASA takes the threat of collisions with space debris seriously and has a long standing set of guidelines on how to deal with each potential collision threat. These guidelines, part of a larger body of decision making aids known as flight rules, specify when the expected proximity of a piece of debris increases the probability of a collision enough that evasive action or other precautions to ensure the safety of the crew are needed.

- Bharati & Himanshu Agarwal, II Year

WHERE DREAMS CAN OR CAN'T BE TRUE

Where dreams can or cannot be true , Everyone came out to finish the needs.
Dry flowers were giving smell ,Thorns were not insane.
Same was a place where i used to live. Sympathy was cure for all ills ,
Now cat drunk corruption. Smiling eyes bowed before cruel feet,
Smell wore a coat of dust, Shine married with night.
Only 'hope' which hopes will make change, Hope of love, hope of simplicity,
What happened, what will happen, What happens question is over ,
answer will be unsaid. Where dirty childhood was honoured,
Blue and black is differentiated, My pleasure ditched me and melted .
I was not what i am, Soil was naked but enough...now fast and famous haunts,
It was Zeeyan who was telling me the story of yesterday,
He added, i met a shadow with long hair and grey cheeks.
She was not my forever friend, But remained as joyful as summer morning.
At greenery place of planet with foggy taste of coldness. She was a fair if heaven.
I was not aware of her time but Always even nowadays those memories salutes and smiles.

Faisal Ali Khan



ABHAY NATH DUBEY (EE)
Placed in Capgemini India Ltd.



ABHAY PRATAP SINGHY (EE)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

DEPARTMENT OF ELECTRICAL ENGINEERING

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 PCE and Department of Electrical Engineering begun in year 2000. The department has its lion share in the entire PF with the total intake of more than 750 students. We are providing all the amenities of infrastructure related to knowledge, research, experiments and training of multiple professions. The department of Electrical Engineering has renowned scholars as the faculty members for imparting knowledge.

The department comprises of more than 50 faculty members, technical officers and technical assistants. Department of Electrical Engineering has successfully organized 1st International Conference on “Recent Innovation and Trends in Engineering, Technology and Research” (ICRITETR-2017) on December 23 & 24, 2017 in which 48 quality research papers were presented. Our 8 student projects have been selected by DST for external funding with a total amount Rs. 1,08,000/- in current session 2017-18. Department is proud to announce that a FDP program has received a grant of Rs. 4,30,000 /- as external funding from Rajasthan Technical University, Kota.

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., Pinnacle, Shriram finance, Revigo, FACE, etc.





Programme Educational Objectives (PEOs)

- PEO-1 Graduates will have the ability to formulate, analyze and apply design process to solve electrical engineering problems.
- PEO-2 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.
- PEO-3 Graduates will exhibit dynamic communication and presentation skills with the quality of leadership, team management and time management.
- PEO-4 Graduates will exhibit social and professional responsibility with a commitment towards ethic, equity, public and environmental safety.

Programme 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 modelling 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 the 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 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 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.



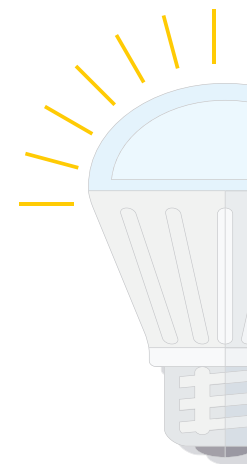
DHAVAL GUPTAY (EE)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



DIVYANSHU SISODIAY (EE)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

Program Specific Outcomes (PSOs)

- 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.



MULTIFARIOUS ACTIVITIES

ISLE STUDENT CHAPTER : Aug 29, 2017

Department of Electrical Engineering, Poornima College of Engineering, Jaipur organize one day seminar under the student chapter of “INDIAN SOCIETY OF LIGHTING ENGINEERS” by (ISLE) on August 29th, 2017. The talk continued ISLE RSC Chairman Mr.R.S Saxena, who gave brief introduction about ISLE Student Chapter and its various aspects and activities of ISLE. Shri G.S. Charan, Secretary of ISLE RSC talked about Energy Efficiency initiative in Rajasthan.



PROJECT AND POSTER EXHIBITION : Sep 27, 2017

Project Exhibition was organized by the Department of Electrical Engineering on 27 September 2017, PCE.A total 12 best projects were selected among 60 projects for exhibition in the presence of Dr. Om Prakash Sharma, Director, PCE covering wide range of topic and issues that relate to our day to day lives. Total 32 technical posters were exhibited to showcase the creativity of our students. Students Participated with full enthusiasm and zeal. Different areas of projects were solar energy power electronics and control system were exhibited in the exhibition. The Chief guest was Mr. Anand J. Rao VICE President of Polycab wire Pvt. appreciated students for their innovative projects.





HARSH VARDHAN SINGHY (EE)
Placed in Infosys Ltd.

HIMANSHI AGRAWALY (EE)
Placed in BPL (Micromax)



GLIMPSES OF DEPARTMENT OF ELECTRICAL ENGINEERING

- Akshit Sharma has secured first rank in the merit list in Bachelor of Technology (B. Tech.) (Electrical Engineering), Rajasthan Technical University, Kota.
- Department is proud to announce that a FDP program has received a grant of Rs. 4,30,000/- as external funding from Rajasthan Technical University, Kota.
- Recently 8 student projects have been selected by DST for external funding with a total amount Rs. 1,08,000/- in current session 2017-18.
- Department has submitted a proposal for International Conference of Rs. 7,30,000/- to Rajasthan Technical University, Kota (under TEQIP-III) for external funding.
- Department has submitted a proposal for organizing a Short Term Training Program (STTP) of Rs. 2,00,000/- to Rajasthan Technical University, Kota (under TEQIP-III) for external funding.
- A proposal for 03 Days Entrepreneurship Awareness Camp of Rs 2 Lacs. Submitted to DST.
- A Project proposal Named “ Sensor based Design and development of smart sun tracking solar photovoltaic power plant with a wireless monitoring system” of Rs 13.18 Lacs Submitted to DST
- Department of Electrical Engineering has successfully organized 1st International Conference on “Recent Innovation and Trends in Engineering, Technology and Research” (ICRITETR-2017) on December 23 & 24, 2017 in which 48 quality research papers were presented.
- Department is proud to announce that we organized a 2nd International Conference on “Recent Innovation and Trends in Engineering, Technology and Research” (ICRITETR-2018) on August 4 & 5, 2018 which is sponsored by Technical Education Quality Improvement Programme - Phase III (TEQIP – III) project of Rajasthan Technical University, Kota.
- The third Mini-Convocation to award degrees to the alumni of Poornima College of Engineering (PCE) Jaipur was organized at PCE campus on Saturday, February 17, 2018 from 10:30 am at Seminar Hall CG-05. In total 152 degrees were awarded to the Students of M Tech and B Tech (08 M Tech+144 B. Tech) in which 52 degree of the Electrical department.
- PCE Jaipur Chapter Alumni Meet was organized on Saturday, January 27, 2018. Meet started after formal process of registration from 9:00 AM onwards. In total 22% alumni of Electrical batch 2004-12 witnessed the Jaipur alumni meet and made the event a cherish able one.
- Under AISEC program 03 Students (Mr. Janak Choudhary, Mr. Piyush and Mr. Pratik) of our department have undergone international Internship program to Egypt.
- Under AISEC program 02 students (Mr. Harshit Gupta and Mr. Amit Kumar) are going to Indonesia in August, 2018.
- Mr. Uddeshya Kumar (II year) won a cash prize of Rs. 3,000/- in Astro Hunt event at LNMIIT, Jaipur.
- Mr. Krishan Kant Yadav (II year) won a cash prize of Rs. 8,000/- and a Plane kit in RC Plane event at LNMIIT, Jaipur.
- Ms. Aditi Sharma and Ms. Chitra Dhakar won cash prize of Rs 20,000/- participation in AERONAVE at RTU, Kota.
- Mr. Suraj Meena and Mr. Vinayak Sharma won a cash prize of Rs 17000/- for holding I position in Intelligent Finesse at RCEW, Jaipur.



NEELAM SHARMAY (EE)
Placed in BPL (Micromax)



NEETU SHARMAY (EE)
Placed in Activant Solutions Pvt. Ltd.

FACULTY ACHIVEMENTS

- Dr. Deepika Chauhan, A Review Paper on Performance Analysis of Various HPVT / PVT Modules under Different Indian Climatic Conditions International Journals of Advanced Research in Computer Science and Software Engineering ISSN: 2277-128X 10 July, 2017
- Dr. Deepika Chauhan, A Comparative Analysis of Different Thermal Parameter Arrangements With Silicon Polycrystalline using PVSYST International Journal of Engineering and Applied Sciences ISSN: 2394-3661, 1 July, 2017

INTERNATIONAL CONFERENCE ON “RECENT INNOVATION AND TRENDS IN ENGINEERING, TECHNOLOGY AND RESEARCH” (ICRITETR-2017) : Dec 23-24, 2017

Dec. 23, 2017 Poornima College of Engineering, Jaipur in Technically Association with ISTE, IETE, ISLE organized International Conference on “Recent Innovation and Trends in Engineering, Technology and Research” (ICRITETR-2017). The occasion witnessed the presence of Prof. (Dr.) S.M. Seth, Chairman (Emeritus), Poornima Foundation, Shri. Shashikant Singhi (Chairman), Poornima Foundation, Prof. (Dr.) Ramesh Bansal, Professor, University of Pretoria (Chief Guest), Dr. Akshay Kumar Rathore, Associate Professor, Concordia University, Canada (Guest of honour), Dr. Om Prakash Sharma, Director, Poornima College of Engineering, Dr. Sunil Kumar Gupta, Professor, Dept. of Electrical Engineering, Convener ICRITETR-2017 and Dr. Virendra Sangtani, Professor, HOD, Dept. of Electrical Engineering.



Sh. Shashikant Singhi, Chairman, Poornima Foundation, in his Words of Wisdom highlighted the key points of technical education and growth of the Poornima College of Engineering in all aspects. He emphasised on the progress of PCE under the mentorship of Dr. S.M. Seth, Chairman (Emeritus), Poornima Foundation. Dr. S.M. Seth, Chairman (Emeritus), Poornima Foundation, in his blessing remarks highlighted the need of International Conference in current scenario. The program concluded with Poornima Gaan followed by our National Anthem.





MADHURI KUMARIY (EE)
Placed in BPL (Micromax)



MAHESH MENARIYAY (EE)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

PAPERS AND JOURNALS PRESENTED

Module Description	:	WORKSHOP ON PLC SCADA
Contributory Institute/Industry	:	SOFTCON INDIA PVT. LTD
Date & Resource Person	:	FEB 7-9, 2018 MR. ABHINAV

Module Description	:	A SEMINAR ON AWARENESS OF GOVT EXAMS (NEED OF APTITUDE AND ENGLISH)
Contributory Institute/Industry	:	CAREER POWER (AN IIT/IIM ALUMINI COMPANY)
Date & Resource Persons	:	FEB. 13, 2018 MR. RAJIV GOYAL

Module Description	:	WORKSHOP ON INTRODUCTION OF AUTOMATION
Contributory Institute/Industry	:	SOHA TECH. PVT. LTD
Date & Resource Person	:	MARCH 7, 2018 MS. GARIMA

INDUSTRIAL VISITS:

To build a sustainable interest in the core branch and to develop knowledge, department of EE Engg. of Poornima college, Jaipur organized an Industrial visit in different companies as mentioned below:

Company Name	Field Covered	Place	Date
Transformer Repair Shop	Repairing of Transformer	Heerapura, Jaipur	20-7-2017
400 kV GSS	GSS	Heerapura, Jaipur	8/9/2017
Havelle's	Motorsection, pumpimng section, LED	Neemrana	17-8-2017
Wave Aircon	Ducting, Heat Exhauster	Bhiwadi	17-8-2017
100 KW grid connected roof top Solar PV energy system at PU	Design, Generation and Billing	Poornima University	9/7/2017 23-9-2017





NEHA KUMARIY (EE)
Placed in BPL (Micromax)



PRACHI SHRINGIY (EE)
Placed in BPL (Micromax)

SPECIAL LECTURES, DELIVERED BY THE EXPERTS ON DIFFERENT TOPICS FOR THE STUDENTS OF II YEAR EE :

- Dr. Virendra Sangtani, on Power System Engg. and Stability on 6 August, 2017.
- Dr. Deeepika Chauhan, on Circuit Analysis and Graph Theory on 12 July and 5 September, 2017.
- Dr. Neeraj tiwari, on Solar Energy and Describe concept of AC & DC supply on 26 August, 2017.

ALUMNI INTERACTION : Sep 20, 2017

On September 20, 2017 Mr. Mohit Kumar visited the campus and interacted with the students of 2nd Year section-A, B. The occasion started with the introduction of Mr. Mohit Kumar, he is Junior engineer in RSEB Jodhpur. He discussed about “the current power scenario of Rajasthan” and how we can conserve electricity and explained various new methodology to produce electricity. There are total 74 students who attended this interaction.



ARTICLES

Maglev Technology

Maglev (derived from magnetic levitation) is a public transport technology that uses magnetic levitation to move vehicles without making contact with the ground or an electrical pickup. Maglev competes with high speed rail and airlines. In itself, maglev technology does away with moving parts, allowing vehicles to move more smoothly and more quietly than wheeled transport. A vehicle travels along a guide way provided with magnets to control in-flight stability and create propulsion and lift, eliminating the mechanical constraints of dry friction. In the case of conventional high speed trains, wear and tear of wheels on rails and on the electrical pickup limits highest speeds.

Dr. Sunil Kumar Gupta
Professor, EE, PCE

DIGITAL INDIA

With the launch of Digital India programmer, the government is taking a big step forward to transform the country into a digitally empowered knowledge economy. Includes various schemes worth over Rs 1 lakh crore like Digital Locker, e-education, e-health, e-sign and national scholarship portal. The Ministry of Communications and IT is the nodal agency to implement the programmer. Vision of Digital India:-Digital Infrastructure as a Utility to Every Citizen, Governance & Services on Demand, Digital Empowerment. Pillars Of Digital India:-Broadband Highways, Universal Access to Phones, Public Internet Access Programme, e-Governance - Reforming government through Technology, e-Kranti - Electronic delivery of services, Information for All, Electronics Manufacturing-Target NET ZERO Imports.

Gaurav Mahavar, III Year-A



ADITYA PAREEK (CE)
Placed in Activant Solutions Pvt. Ltd.

AKANKSHA SHARMA (CE)
Placed in TCS



DEPARTMENT OF COMPUTER ENGINEERING

VISION

To evolve as a center of excellence with wider recognition and to adapt the rapid innovation in the field of Computer Science and Engineering.

MISSION

- To provide a learning-centered environment that will enable the students, faculty members to achieve their goals empowering them to compete globally in professional field.
- To contribute significantly to the research and the discovery of new arenas of the knowledge and methods in the rapid developing field of Computer Science and Engineering.
- To support the society through participation and transfer of advanced technology from one sector to another.



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



About the Department

Computer Engineering department strives to provide a constructive environment for the students to develop analytical and practical skills and apply them to real world problems. To motivate the students the department organizes regular training in state of art software & hardware, arranges workshop, National & International Conferences periodically. Seminars and guest lectures are organized periodically for the benefit of students.

The department also takes initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. Students are also encouraged to participate in technical symposiums and paper contests conducted by various other organizations.

The department has good collaboration with some of the reputed industries. We are inviting experts from industry on regular basis to guide student projects at final year level and also to deliver lectures on specialized topics. Our faculties are working with a team-spirit to create the best technocrats for the industry and accept the challenges in the global world. At the end, I congratulate all the placed students wishing them good luck for their future. I thank all the faculty & staff members to make NBA Accrediation Visit a grand success and for their efforts related to academic activities of the department.





AKSHAR GOSWAMI (CE)
Placed in Infosys Ltd.



AKSHATA SHARMA (CE)
Placed in Infosys Ltd.

Program Educational Objectives (PEOs)

- PEO 1. Graduates will work productively as skilful engineers playing the leading roles in multifaceted teams.
- PEO 2. Graduates will identify the solutions for challenging issues inspiring the upcoming generations leading them towards innovative, creative, and sophisticated technologies.
- PEO 3. Graduates will implement their pioneering ideas practically to create novel products and the feasible solutions of research oriented problems

Program Outcomes (POs)

- PO 1. An ability to apply the knowledge of mathematics, science, engineering fundamentals, algorithmic principles and computing for the solution of complex engineering problems.
- PO 2. An ability to design and conduct experiments, analyze and interpret data finding the computing requirements with appropriate solutions.
- PO 3. An ability to design a computer based system, component, or process to meet the desired needs within realistic constraints such as economic, environmental, social, political, ethical, health, safety, manufacturability and sustainability etc.
- PO 4. An ability to function effectively in multidisciplinary teams
- PO 5. An ability to identify, formulates, and solves engineering problems by applying the appropriate computing techniques, progressive resources and modern IT tools with an understanding of the limitations.
- PO 6. An understanding of professional, ethical, security, legal, social issues and responsibilities towards these.
- PO 7. An ability to communicate effectively on complex engineering activities with the engineering community and the society.
- PO 8. The widen education necessary to understand and analyze the impact of computing and engineering solutions in a global, economic, environmental and societal context.
- PO 9. Recognition of the need with an engagement in lifelong learning in the context of technological change.
- PO 10. Knowledge of contemporary issues.
- PO 11. An ability to use the techniques, skills, and modern engineering tools necessary for computing and engineering practice.
- PO 12. An ability to contribute in the fruitful working as an efficient member of a team in multidisciplinary environments with a concern of engineering and management principles.
- PO 13. An ability to apply the basic principles and practices of Computer Engineering and its all arenas to fulfil the requirements of customers in context of business.



MISCELLANEOUS ACTIVITIES

Students' Achievement (II & III Year)

S.No.	Name of Student	Activity	Date	Venue	Participation
1.	Pranjal Gupta	Face	17-08-2017	PCE	Social Media (Runner Up)
2.	Sachin Tanwar	Face	17-08-2017	PCE	Social Media (Winner)
3.	Yash Bhutoria	NPAT	13-08-2017	Online	Certification
4.	Shabbir Mohd.	NPAT	13-08-2017	Online	Certification
5.	Punit Setia	NPAT	13-08-2017	Online	Certification
6.	Yash Bhutoria	Volunteering at Festival of Education	08-08-2017	JECC	Volunteer
7.	Shabbir Mohd.	Volunteering at Festval of Education	08-08-2017	JECC	Volunteer
8.	Nehal Jain	YI YUVA Seminar	10-07-2017	PCE	Anchor
9.	Rashmi Dhakad	YI YUVA Seminar	10-07-2017	PCE	Anchor
10.	Nitisha Jain	Employability skill Development Program	10-06-2017	Online	Certification
11.	Aditya Asnani	Junior Artist	11-05-2017	ZEE Studio	Certification
12.	Arpit Garg	OYO International	10-02-2018	Online	International
13.	Arpit Garg	Uber Campus Ambassador	18-02-2018	Online	International
14.	Arpit Garg	IIT Delhi Campus Ambassador	11-11-2017	IIT Delhi	Inter College
15.	Arpit Garg	IIT Bombay Campus Ambassador	11-10-2017	IIT Bombay	Inter College
16.	Devank Pathak	Internship Living Talent	12-10-2017	Jaipur	Participated
17.	Devank Pathak	Editor Mype Book	18-11-2017	Jaipur	Participated
18.	Mahendra Jangid	HYC-18 Coorganised by ISIE	15-09-2017	Jaipur	Winner
19.	Aadhar Bhatt	MUN	13-03-2018	PU	District Level
20.	Komal Maheshwari	MUN	13-03-2018	PU	District Level
21.	Ranu Agrawal	Runner up in Painting Competition	08-08-2017	PCE	PGC Level
22.	Kritik Luhadiya	FACE	17-08-2017	PCE	Best Performer (C.S gamma)
23.	Aditya Arora	FACE	17-08-2017	PCE	Best Performer (C.S alpha)
24.	Ravsha Girdhani	Volunteer in Journalism	28-07-2017	Fairmount hotel	Volunteer



AMAN JAKHAR (CE)
Placed in Capgemini India Ltd.



ANJALI GUPTA (CE)
Placed in Infosys Ltd.

S.No.	Name of Student	Activity	Date	Venue	Participation
25.	Pragya Akar	Volunteer in Talk Journalism	28-07-2017	Fairmount hotel	Volunteer
26.	Vinayak Bhardwaj	Volunteer in Talk Journalism	28-07-2017	Fairmount hotel	Volunteer
27.	Hardeep Hora	RTU tournament	28-07-2017	S.K.I.T Kautilya	Semifinalist, won Kabadi
28.	Anshul Sharma	Techgig Code gradiator rank<2595	27-07-2017	Online	National level coding
29.	Ankit Bansal	Participated in Quiz	08-09-2017	BIT Mesra	Cerfitication
30.	Nikita Hemani	Selected in fashion team of Poornima University	28-07-2017	PU	Cerfitication
31.	Shalini Kr.Valmiki	Selected in fashion team of Poornima University	28-07-2017	PU	Cerfitication
32.	Nikita Hemani	Made Newsletter of PAA	02-10-2017	PCE	College Level
33.	Shreya Porwal	Selected in Manthan, Made Newsletter of PAA	15-09-2017	PCE	Certification
34.	Pratibha Agarwal	Techgig Coding	19-09-2017	PCE	Certification
35.	Shubham Dabral	Techgig Coding	19-09-2017	PCE	Certification
36.	Aditya Arora	Codevita VI-round and qualified	27-07-2017	PCE	International Roundqualified
37.	Vishnu Bochiwal	Publish Android APP- Insta Dp and Video	26-08-2017	Google Play Store	International Level
38.	Priya Aren	Volunteer at Cyber Security Seminar	13-10-2017	PIET	Volunteer
39.	Yash Bhutoria	CSE Representative Department Day	25-09-2017	PCE	College Level
40.	Nehal Jain	Department Day Anchor	25-09-2017	PCE	College Level
41.	Aayushi Porwal	Department Day Anchor	25-09-2017	PCE	College Level
42.	Anirudh Verma	Department Day Anchor	25-09-2017	PCE	College Level
43.	Rashmi Dhakad	Department Day Anchor	25-09-2017	PCE	College Level
44.	Ayush Mendiratta	Department Day Anchor	25-09-2017	PCE	College Level
45.	Shreya Porwal	Department Day Anchor	25-09-2017	PCE	College Level
46.	Anjul Mittal	Department Day	25-09-2017	Arbuda	Volunteer
47.	Anjul Mittal, Mansi Singh, Jaya Sharma	Dance Independence Day	15-08-2017	Arbuda	Participated
48.	Mansi Singh	Independence Day	15-08-2017	Arbuda	Volunteer



ANTRIKSH CHHIPA (CE)
Placed in SAP Labs, Skillrock Technologies

ANURAG ACHARYA (CE)
Placed in Capgemini India Ltd.



S.No.	Name of Student	Activity	Date	Venue	Participation
49.	Jaya Sharma	Independence Day	15-08-2017	Arbuda	Volunteer
50.	Ayush Kumar	Department Day (Singing)	25-09-2017	Arbuda	Winner
51.	Mohit Marwal	JAS 2017	01-09-2017	JECC,Sitapura	Volunteer
52.	Jai Prakash	Dance Independence Day	15-08-2017	Arbuda	Participated
53.	Mansi Singh	Department Day	25-09-2017	Arbuda	Volunteer
54.	Bhawna Garg	Hand-Over Ceremony	03-08-2017	PCE	Volunteer
55.	Akash Upadhyay	RTU Basketball	13-09-2017	SKIT JAIPUR	Participated
56.	Anant Jain, Chayan Shri Shrimal, Bhawna Garg	Documentary (Independence day)	15-08-2017	Arbuda	Participated
57.	Diksha Bothra	Department Day (Singing)	25-09-2017	Arbuda	Winner
58.	Ayush Todi	Department Day (Mime Act)	25-09-2017	Arbuda	Volunteer
59.	Garvit Sharma	QEEE	25-07-2017	PCE	Excellence Certificate
60.	Garvit Sharma	Department Day	25-09-2017	Arbuda	Volunteer
61.	Govind Bansal	Essay Writing Competition	18-01-2018	PCE	Winner
62.	Chayan Shri Shrimal	RTU Chess	13-09-2017	Geetanjali, Udaipur	4th Prize
63.	Bhawna Garg	Orientation Ceremony	03-08-2017	PCE	Volunteer
64.	Abhishekh Shukhla	RTU Badminton Competition	05-09-2017	JEC Kukas	Participated
65.	Pranjal Shah	RTU Badminton Competition	05-09-2017	JEC Kukas	Participated
66.	Anuj Dadhich	Band Performance	25-09-2017	Arbuda	PCE
67.	Abhijeet Sharma	QEEE	25-07-2017	PCE	Excellence Certificate
68.	Kaustabh Goyal	Anchoring Department Day	25-09-2017	Arbuda	PCE



S.No.	Name of Student	Activity	Date	Venue	Participation
69.	Chayan Shri Shrimal	Kalanidhi	02-10-2017	Arbuda	Best Coding
70.	Chayan Shri Shrimal	Kalanidhi	02-10-2017	Arbuda	Best NSP
71.	Chayan Shri Shrimal	Top Coder SRM	23-02-2018	SKIT	1st in Coding
72.	Chayan Shri Shrimal	Just C	26-03-2018	JECRC	2nd in Coding
73.	Chayan Shri Shrimal, Chandan Agrawal, Govind Bansal	Machine Learning	24-03-2018	IIT Roorkee	Participated
74.	Chayan Shri Shrimal	Code Marathon	04-03-2018	KOTA	Participated
75.	Chayan Shri Shrimal	Electron Summit 2K18	29 to 31-01-18	Jaipur	Coordinator
76.	Bhawna Garg	Technovation	02 to 03-02-18	Jaipur	Paper Present
77.	Bhawna Garg	AAKAR EXPO 2K18	22-03-2018	Jaipur	Participated
78.	Bhawna Garg	Technical Writing	24 to 28-01-18	MNIT, Jaipur	Participated
79.	Bhawna Garg	Science Quiz	26-02-2018	MNIT, Jaipur	3rd
80.	Bhawna Garg	Painting	27-02-2018	MNIT, Jaipur	2nd
81.	Chayan Shri Shrimal, Bhawna Garg, Anant Jain	AAKRUTI	21- 08-2018	Pune	Participated
82.	Chandan Agrawal	Code Battle	09 to 10-03-18	KOTA	2nd
83.	Akash Upadhyaya	Arya Cup	16 to 19-02-18	Kukas Jaipur	2nd
84.	Manas	Robo Soccer	25-03-2018	JECRC, Jaipur	1st
85.	Manas	Sumo Slam	26-03-2018	JECRC, Jaipur	2nd
86.	Arpit Garg	Paper in Journal	10-10-2017	IJNRD	Published
87.	Arpit Garg	Paper in Journal	11-11-2017	IJERCSE	Published
88.	Arpit Garg	Paper in Journal	20-10-2018	IJARCS	Published
89.	Harshit Chhipa	THAR-2018, Robowar	09 to 10-03-18	RTU Kota	3rd
90.	Harshit Chhipa	THAR-2018, Roborace	09 to 10-03-18	RTU Kota	Participated
91.	Harshit Chhipa	THAR-2018, Robo Soccer	10 to 11-03-18	RTU Kota	2nd
92.	Mahendra Jangid	THAR-2018, Robo Soccer	10 to 11-03-18	RTU Kota	2nd



ASHWARYA CHHABRA (CE)
Placed in Infosys Ltd.



ASHWINI KHANDAL (CE)
Placed in Infosys Ltd.

S.No.	Name of Student	Activity	Date	Venue	Participation
93.	Piyush Sambria	THAR-2018, Robowar	09 to 10-03-18	RTU Kota	3rd
94.	Piyush Sambria	THAR-2018, Roborace	09 to 10-03-18	RTU Kota	Participated
95.	Rahul Sharma	THAR-2018, Roborace	09 to 10-03-18	RTU Kota	Participated
96.	Mahendra Jangid	THAR-2018, Robowar	09 to 10-03-18	RTU Kota	3rd
97.	Mahendra Jangid	THAR-2018, Roborace	09 to 10-03-18	RTU Kota	Participated
98.	Mahendra Jangid	THAR-2018, Airbrone	09 to 10-03-18	RTU Kota	Participated
99.	Piyush Sambria, Mahendra Jangid, Harshit Chhipa	Somowar	26-03-2018	JECRC, Jaipur	1rd
100.	Piyush Sambria Mahendra Jangid, Harshit Chhipa	Robowar Pro	16-03-2018	JECRC, University	3rd ,

Achievements of Faculty Members

- Ms. Shakshi Mishra attended a two days workshop organised by The Academic Development and Research (ADR) Cell, Nirma University on Digital Era Tools for Teaching-Learning' during September 15-16, 2017.
- Mr. Sakar Gupta published a paper title "Complexity Analysis of Multiuser Detection Schemes Based on Sphere Decoder for MIMO Wireless Communication System" ,in Soft Computing: Theories and Applications, Advances in Intelligent Systems and Computing 583, DOI 10.1007/978-981-105687-1_54. as author,© Springer Nature Singapore Pte Ltd. 2018 M. Pant et al. (eds.).
- Mr. Sakar Gupta published a paper title "Analytical Study of Wireless Sensor Network Protocols and Standards" .Paper was presented in national Conference" Role of Electrical, Electronics and Computer Technologies in Making Digital India (REECTMDI-2017)", as co-author, Organized by Kautilya Institute of Technology & Engineering .
- Mr. Manish Sharma presented a paper title titled "Cognitive Fatigue Detection in Vehicular Drivers using K-Means Algorithm" has been accepted in IWOBI 2017 and selected for Oral Presentation .
- Ms. Geetanjali Singh presented a paper title" Intelligent Neighbourhood Teaching Learning Based Optimisation Algorithm" has been accepted as a Regular paper for presentation at the ICCCA- 2017 and will be sent for submission in the conference to be published by IEEE.
- Mr. Atul Kumar Verma published a paper title "Blockchain: An Analysis on next-generation Internet" (International Journal of Advanced Research in Computer Science)
- Mr. Atul Kumar Verma published a paper title "Inter Planetary File System: An analysis on Future File System" (International Journal of Novel Research and Development ISSN: 2456-4184
- Mr. Atul Kumar Verma published a paper title "ipfs And Swarm: Future of Decentralized Storage System" (International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Impact Factor: 4.890, 2394-2320



AYUSH JAIN (CE)
Placed in Infosys Ltd.

BHAVIKA TIKYANI (CE)
Placed in Collabera Services Pvt. Ltd.



ALUMINI SESSIONS

- Our alumnus, Mr. Ritesh Nahar, A team leader in Nagarro, Jaipur passed out from department of information Technology, took an interactive session of the students of III and IV year students on 22 July, 2017. He discussed about working environment of MNCs and gave some tips for aptitude test and interview test preparations. 83 students were present in the session.
- Our alumnus, Mrs. Shifali Jain passed out from Department of Computer Engineering, took an interactive session of the students of III year. A motivational lecture was delivered on Preparation of Placement Activities. She encouraged students to work hard for the placement drives and technical skills development as well.
- Our alumnus, Ms. Vrinda Agarwal currently working in Tata Consultancy Services passed out from Department of Computer Engineering in year 2017, took an motivational session on preparation of Placement Activities and working culture of the MNCs. The session was conducted for IV year students. The session proved to be helpful for them.
- Mr. Shubham Garg, one of our alumnus passed out from Department of Computer Engineering in year 2017, took a session for IV year students. In his session he inspired our students for working hard in academics and improve their coding skills in order to get placed. He also made aware students about the current working scenario of MNCs and team work culture.
- Our alumnus, Ms. Aayushi Agarwal currently working with Amazon India PVT. LTD. took a session for III year students. An informative and motivational session was delivered in which she discussed about her journey of getting placed in Amazon. She also encouraged students to work hard and enlighten them by telling the way of getting placed in Amazon. 56 students were present in the session.

WORKSHOPS / SEMINARS

YIYUVA : July 10, 2017

Poornima College of Engineering organized a seminar related to the Yi-YUVA Club by Young Indians confederated by the Confederation of Indian Industry. On 10 July, 2017. Mr. Atin Jain, Founder and Managing Director, Brooklyn World Travels discussed briefly about the activities which are performed under Yi-YUVA i.e. events in the colleges which are related with Young Indians, different modules for the Yi-YUVA members and all the other activities organized by the Young Indians.



WORKSHOP ON “MACHINE LEARNING” : Aug. 18, 2017

Machine learning workshop was organised on Aug. 18, 2017 for Department of computer science students at PCE in IBM lab. The experts started the session by introducing themselves. After that, they described various technologies currently used in the field of machine learning. The basics of Python and machine learning were described in brief. The students became familiar with the various tools and technologies used in the industry. Lastly the specific concepts of machine learning were described in detail.





DARSHI JAIN (CE)
Placed in Infosys Ltd.

DEEKSHA JOSHI (CE)
Placed in Infosys Ltd.



ANGULAR JS WORKSHOP : Sep 22-23, 2017

Angular JS workshop was organised by Computer Engineering Department of PCE on 22-23 September 2017. The workshop was supervised by the expertise of Youstart Labs, Jaipur. 40 students actively participated in this workshop and learnt the Hybrid Application Development for Android and IOS.



TWO DAY WEEKEND TRAINING PROGRAMME ON INTRODUCTION TO MACHINE LEARNING : Dec 16-17, 2017

In the department of Computer Engineering, a Two Day Weekend Training Programme Saptahaant Shikshak Prashikshan (SSP) on Introduction to Machine Learning was successfully conducted under the National Mission on Education through ICT (MHRD, Govt. of India) by IIT Kharagpur at Poornima College of Engineering (RFID code - 1107) on December 16 and December 17, 2017. This training programme was attended by total 20 faculty members of Department of Computer Engineering, Information Technology and Electronics Engineering with the permission of Dr. Om Prakash Sharma, Director, PCE.



SALES FORCE WORKSHOP : Jan 13, 2018

A one day workshop on Salesforce was organised by Department of Computer Engineering, Poornima College of Engineering in association with Metacube Software Pvt. Ltd., Jaipur on 13 January 2018 in which 68 students of Computer Engineering and Information Technology department actively participated.

MOCK DRIVE : Mar 12-17, 2018

A mock drive for the students of III yr was organised by the department of Computer Engineering. It was held from 12th march 2018 to 17th march 2018.

- To assess the students' performance in a real-time recruitment process.
- To make the students' have firsthand information about how the recruitment process is conducted.
- To identify, correct and advise the students with respect to the mistakes committed by them.

SEMINAR REGARDING INTERNSHIP : Mar 19, 2018

A seminar regarding internship was organized by Department of Computer Engineering, PCE taken by IV year students of Computer Engineering on 19 March 2018 in which 85 students of Computer Engineering and Information Technology department actively participated.





DIKSHA (CE)
Placed in Yusata Infotech Private Limited

DIVYA KHATNAR (CE)
Placed in Infosys Ltd., IBM India



ARTICLES

GIVE LIFE A TRY

Sometimes when life gives us umpteen chances to celebrate and stay joyful, it becomes a natural tendency to become overwhelmed about the high ride on which our life is taking us. But little do we know that while we are keeping our heads wrapped up around the idea of reaching the pinnacle, God has already planned something else for us. The route through which God leads us to our destination may be different than what we imagined it to be, but staying hopeful is very important because the bravest thing that a person can do during his hardship is to stay strong amidst of the tempest that life put it into and to always look towards the ray of hope that will guide us home. Ending life is not the solution to end our problems. It's usually a permanent solution to a temporary problem. No problem is big enough that can't be solved. All you need is someone to be there with you, for you! Sometimes life has other and better options planned for us which we make unseen. No method of suicide is guaranteed and most of them have long-term consequences. There are many people who still survive and now with some kind of impairments, leading to a worse life than before. You will cause lifelong pain to your loved ones, friends, colleagues and many others. If you're seeking to get revenge on somebody, eventually you won't be around to see them get hurt. "This too will pass" – is one statement to hold you from even thinking to attempt such a critical action. Remember, nothing in life stays for a lifetime.

- Sonal Mathur
III Year, CE

WHAT IS SMART CITY?

A smart city is a region that uses information and communication technologies to increment operational productivity, share data with the general population and enhance both the quality of government services and native welfare.

The Need of Smart City?

Smart Cities India is good to go to wind up the most-crowded nation on the planet by 2030, making it the home to the greatest and the most under-infiltrated advertise for worldwide producers and service provider. Not at all like its first ages, this developing populace is likewise moving to top level urban communities of the nation offering ascend to new megacities assessed to produce 80% of financial development, with potential to apply present day advances and framework, advancing better utilization of rare assets.

As per estimates, around 25 – 30 individuals will move each moment to real Indian urban communities from country regions looking for better job and better ways of life. With this force, around 843 million individuals are relied upon to live in urban zones by 2050. To accommodate this enormous urbanization, India needs to discover more quick witted approaches to oversee complexities, diminish costs, increase efficiency and enhance the personal satisfaction.

With this context, Prime Minister Narendra Modi's vision "Digital India," has set an ambitious plan to build 100 smart cities across the country. Modi in his speech quoted, "Cities in the past were built on riverbanks. They are now built along highways. But in the future, they will be built based on availability of optical fiber networks and next-generation infrastructure."

-Ankita Jiyan
Assistant Professor



DIVYA PATEL (CE)
Placed in Infosys Ltd.

GAURANGI SHARMA (CE)
Placed in Capgemini India Ltd., IBM India



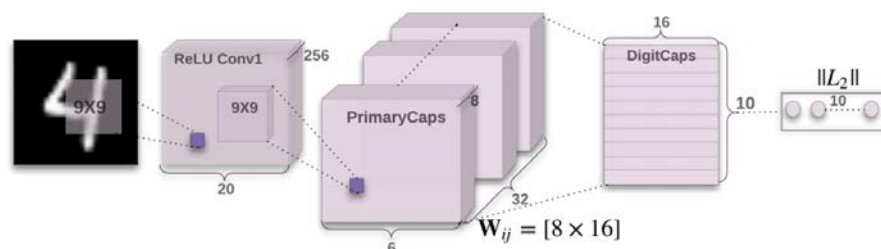
LSB based Digital Water marketing

Digital Watermarking is one of the proposed solutions for copyright protection of multimedia data. A watermark is a form of image or text that is impressed onto paper, which provides evidence of its authenticity. A Digital Watermark is the digital data embedded in some host document so as to later prove the ownership of the document. Robust image watermarking systems are required so that watermarked images can resist geometric attacks in addition to common image processing tasks such as JPEG compression. Least Significant Bit (LSB) watermarking is one of the most traditional methods of water marking which changes LSB of individual pixels in correlation with the watermark. In LSB the document is converted into pixel grayscale block and the LSB of every block replaces with watermark pixel block sample which results in LSB substitution pixel values of watermarked image and so the document achieve the water marking.

- Jagrati Kataritya
III Year, CE

Geoffrey Hinton CapsNet & Capsule Network

Geoffrey Hinton has been called the father of Deep learning and as we know, he is the brain of Google and inventor of countless models and algorithms that are being widely used in the real world. He and his team published two research papers in 2017 that introduced a completely different type of neural network based on so-called capsules. This brought a huge change in Deep learning and machine learning field. The first paper where capsule concept was introduced is Transforming Auto encoders. This paper talks about the concept of artificial neural network that are able to recognize shape, typically using one or more layers of learned feature detectors that produce scalar outputs. The second paper where capsule concept were introduce is Dynamic Routing Between Capsules. In this paper the author talks about Capsules, Caps Net and a run on MNIST. Deep learning is famous because of convolutional neural networks(CNN), which are made up of neurons that have learnable weights and biases. Each neuron receives some input, performs a dot product and optionally follows it with a non-linearity. In comparison, the concept of capsule has been borrowed from the human brain, having modules called “capsules”. These capsules (artificial ones) are particularly good at handling different types of visual stimulus and encoding things like pose (position, size, orientation), deformation, velocity, albedo, hue, texture, etc. The research on capsules is now at a similar stage to research on recurrent neural networks for speech recognition.



CapsNet Architecture

-Pratibha Shakya
Assistant Professor



ARUSHI SINGH (IT)
Placed in Capgemini India Ltd.



AYUSH (IT)
Placed in DeCurtis Corporation

DEPARTMENT OF INFORMATION TECHNOLOGY

VISION

To evolve as a center 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.

We are also engaged with many external collaborations which keep our faculties up-to-date about the industrial requirements and facilitate delivering most relevant lectures/practical and tutorials. The faculty members regularly participate in various workshops/ seminars and training programs organized within and outside the college for up gradation of knowledge and to keep-up with the pace of global competition. The department is actively taking part in the QEEE program of IIT Madras for students and we are also organizing various ISTE workshops for students and faculty members conducted by IIT Bombay under the NMEICT program of MHRD, Govt. of India. Spoken Tutorial program of IIT Bombay is also conducted in which workshops and certification exams on Open Source Software are organized for students.



KARAN UPNEJA (IT)
Placed in Capgemini India Ltd.

MONIKA MISHRA (IT)
Placed in Capgemini India Ltd., TCS



Infosys Campus Connect foundation program which is a part of industry-institute interaction is successfully conducted for III and IV year students, under which different focus areas are dealt by senior faculty members of the department.

Faculty members are engaged actively in research work in various areas like algorithms, databases, big data, distributed systems, network security, artificial intelligence, data mining, embedded and VLSI design and publish papers in National and International conferences and indexed journals. Teaching and research apart, faculty is involved in counseling and career guidance of students. The students also undertake quality projects and publish papers at various prestigious conferences, paper presentation and design contests under the guidance of faculty members. Students of the department have excelled in their assignments in different organizations over the years. This fact is substantiated by the excellent placement records and the fact that large numbers of prestigious multinational companies are visiting the department for placements.

As per the vision plan of Poornima Foundation for session 2017-18, the department of Information Technology has inculcated many initiatives in its semester plans. The students are being encouraged to take part in student driven activities such as technical quizzes and presentations, Group Discussions, WISE activities, programming challenges, mock aptitude tests and mock interviews etc. The department is striving hard to implement these activities with proper and justified involvement of students. Application based assignments and case studies are part of regular studies.

100% use of English in teaching learning processes has been started in order to promote PMEPI (Poornima Mission for Becoming English Proficient Institution) in the department. Students are being encouraged to interact with faculty and among themselves in English. Various activities have been included in semester plan to improve students' verbal and written communications. The activities are such as e-mail writing sessions, application writing sessions and article writing competitions etc. The students are appropriately rewarded in terms of marks under DECA and Common Pool for their participations in these activities.

Google classroom is an innovative tool (part of Google Apps for Education) that is being used by faculty members to save time and paper, keep classes organized, improve communication with students, distribute assignments and stay organized.

We congratulate 2018 batch students for achieving placements in different renowned IT companies. We are confident that our students will be regarded as assets to the organizations they serve in future.





MULTIFARIOUS ACTIVITIES

1. An Orientation Program was conducted at department level on 27th and 28th June, 2017 for II and III year in which semester plan of the department was shown to students
2. An Orientation Program for Cloud Computing and BI for II and III Year was conducted on 29th June, 2017 by Mr. Deepak Agarwal Asst. Prof-CS respectively.
3. A Student Hand-over Ceremony was organized on 5th July, 2017 for the students who have progressed from I Year (II Sem.) to II Year (III Sem.) to strengthen the link between I Year and the respective higher classes departments through Tutor system.
- 4.. A Session on Entrepreneurship was taken by Yi-YUVA members on 10th July, 2017 and selected students of II and III year participated in the session.
5. A Session on Sustainable Development Tool was taken by AIESEC interns on 11th July, 2017 in which 50 students of III Year participated.
6. An Orientation Program was conducted at department level on 17th and 18th July, 2017 for IV year students regarding department activities and planning for the current semester.
7. A Presentation on the proceedings of Minor Project in IV Year was given by Mr. Amol Saxena on 20th July, 2017.
8. The department submitted the information for AICTE – CII Survey on 25th July, 2017.
9. PMTPO organized an Industrial Visit to provide students practical experience and corporate exposure. The visit was organized on 2nd August, 2017 in which selected 10 students (IV Yr-5 and III Yr-3) took part. The two local Jaipur based IT companies were visited by students namely Extensible IT Solutions Pvt. Ltd. and Cyberops Infosec. Mr. Dinesh Chand Gupta Asst Prof.-IT coordinated the visit.
10. PMTPO organized Essay Writing Tests using AMCAT WriteX tool on 12th August and 11th September, 2017.
11. The Department has submitted 18 projects proposals on 12th August , 2017 for funding by Department of Science and Technology (DST), Govt. of Rajasthan under the scheme of Student Project Program for the session 2017-2018.
12. IT Olympiad Trial Round was attempted by II, III & IV Year students on 12th August, 19th August and 18th August, 2017 In which 50, 51 and 42 students participated respectively. This activity was coordinated by Ms. Shazia Haque.
13. Indian Navy recruitment drive was organized by PMTPO on 22nd & 23rd August, 2017 in which 8 students of the department participated. To prepare the registered students for the drive, PMTPO organized a 3-day preparatory program (3 Hrs daily) from 17th August – 19th August, 2017.
- 14.. The team of two IV Year students (Ujjwal Kushwaha and Vikas Kushwaha) has been shortlisted for final round in Rajasthan Hackathon 2.0 for their unique idea. Rajasthan Hackathon 2017 is one of its kind initiatives for the promotion of Information Technology and eGovernance. They appeared in final round of the event at UIT Auditorium, Rangbari Kota on 17th & 18th August, 2017.
15. Rupal Jhalani (IV year) has been selected in TCS through CodeVita event. She was shortlisted in the top 2300 from among the registered 2 lacs plus competitive coders in the national event TCS CodeVita 2017. The interview with TCS was held on 18th Aug, 2017 at JECRC University, Jaipur.
16. A one hour Session by PMTPO for Non Technical jobs was conducted on 28th August, 2017 for IV Year in which 15 students participated.
17. Teachers' Day was celebrated as 2 hours activity on 5th September, 2017. On this occasion various co-curricular and extra-curricular activities were organized by the II Year students namely SKIT (Aman, Nashit, Nidhi, Himanshu, Dipanshu, Tanushree, Jaishree), Song (Shivangi), Technical Speech (Ayush), Anchoring (Prabhav, Nandini, Nistha) etc. Dr. Om Prakash Sharma Director-PCE and Mr. Rajeev David Chief Proctor-PCE graced the occasion with their presence.



RUPAL JHALANI (IT)
Placed in TCS Codevita



RUPALI PANDEY (IT)
Placed in Yusata Infotech Private Limited

DEPARTMENT DAY CELEBRATION: 25th September, 2017



Department of Information Technology and Department of Computer Engineering celebrated their Department Day jointly on 25th September, 2017. The following two eminent guests were invited as Chief Guest and Guest of Honor of the program.

Chief Guest: Sh. Susheel Chandra – Delivery Manager, Tata Consultancy Services and Guest of Honor: Sh. Rajit Sikka - Academic Relationship Manager for North India Region, Tata Consultancy Services. The entire program was carried out as a student driven activity and the annual reports of both the departments were presented by student representatives. There were different technical/ curricular

and extra-curricular activities were organized such as best project presentations, best industrial training presentation, best innovative idea and various cultural performances. A project exhibition was also organized on this occasion in which selected students of II and III Year IT & CS exhibited their non-syllabus project work. The experts from TCS visited the project exhibition and appreciated the work carried out by students.



ALUMNI SESSIONS

Name	:	Deepak Gupta, B.Tech. 2012 (CSE)
Current Employer & Position	:	Enbraun, Sr. S/W Developer
Date	:	27.1.2018



Name of Alumnus	:	Yogesh Yadav, B.Tech. 2012 (IT)
Current Employer & Position	:	Tata Sky, Training
Date	:	27.1.2018



Name of Alumnus	:	Roushan Anand, B.Tech. 2012 (CS)
Current Employer & Position	:	Deloitte, India
Date	:	24.2.2018





SHAASWAT MUKHER (IT)
Placed in JEEInfosys Ltd.

SIMRAN JAISWAL (IT)
Placed in Activant Solutions Pvt. Ltd. , DeCurtis Corporation



SESSION HIGHLIGHTS :

- Shared work experience in Software Company as developer.
- Discussed about new technologies and software frameworks in demand.
- Focused on the importance of summer training/ internship and suggested the places from where students can seek admission for the internship.
- Discussed the importance of good communication and presentation skills. They asked students to read as much they can as this improves the vocabulary. Good communication skills boost confidence that is required for better career opportunities.

SKILL DEVELOPMENT ACTIVITIES & OUTCOMES (TECHNICAL & NON-TECHNICAL)

Activity	: Mock Aptitude Test		
Year	: II & III	Date :	15-01-2018 to 07-02-2018
Outcome	: <ul style="list-style-type: none"> • Problem solving skills • Practice for aptitude round of placement drives • Time management • Opportunity for self correction 		

Activity	: Online Programming Challenge (Code Mind) (SDA)		
Year	: II	Date :	12-02-2018
Outcome	: <ul style="list-style-type: none"> • Enhancement in coding practice and problem solving ability in stipulated time frame • Important for placement drives 		

Activity	: Software Debugging		
Year	: II	Date :	19-01-2018
Outcome	: <ul style="list-style-type: none"> • Enhancement in coding practice and problem solving ability in stipulated time frame • Improvement in technical knowledge of programming 		

Activity	: Mock Interviews by placed IV Yr students (SDA)		
Year	: III	Date :	6-3-2018 to 15-3-2018
Outcome	: <ul style="list-style-type: none"> • Effective resume • Improved communication skill, confidence and behavioral skills, time management 		

Activity	: QEEE Classes, Storage Management - Operating Systems & Object Oriented Prog.		
Year	: III	Date :	29-01-2018 to 02-02-2018
Outcome	: <ul style="list-style-type: none"> • Enhancement in technical knowledge, learning from IIT professors • Certificate of appreciation/ excellence by IIT Madras 		



VAIBHAV KANERIA (IT)
Placed in Infosys Ltd.

VINISHA PARWANI (IT)
Placed in Activant Solutions Pvt. Ltd.



Activity	: Application based assignments and case studies
Year	: III Date : 01-03-2018 to 24-03-2018
Outcome	: <ul style="list-style-type: none"> Analytical skill enhancement Improvement in research and problem solving ability

Activity	: GATE Session and mock exams
Year	: IV Date : 23-01-2013
Outcome	: <ul style="list-style-type: none"> GATE preparation Self assessment for various competitive exams

WORKSHOPS AND SEMINARS

- A basic Web Designing workshop on HTML & CSS was organized for II Year (III Sem.) students in two phases (3hours each) on 11th July and 22nd July, 2017 respectively. The workshop was conducted by Ms. Sita .
- A 6 Hours Workshop on Python was conducted for III Year students by Ms. Anamika Jain (Asst. Prof., CS, PGI) on 20th & 21st July, 2017 in which 48 students participated and learned about basics of Python , data types, data handling and working with functions in python
- A one day Workshop on "Web Designing" was conducted by Mr. Dharmveer Choudhary (DVS Web Infotech Pvt. Ltd, Jaipur.) for II Year on 9th September, 2017 in which students learned about HTML, CSS and BOOTSTRAP technologies .
- A workshop on “Big Data & Deep Learning” organized under CSI Student Chapter by Department of Computer Engineering, Department of Information Technology, PCE and IEEE Student Chapter, Poornima University on Wednesday, 20th December -2017 at PCE
- A One Day workshop on "Machine Learning with Python" was organized by Department of Information Technology, PCE on 10th March, 2018 (Saturday). The workshop was actively attended by 45 students of III Year-IT.
- A Two Day, workshop on Web Application Development was organized by Department of Information Technology, PCE on 26th & 27th February, 2018. The workshop was attended by 41





YOGESH PANDEY (IT)
Placed in Capgemini India Ltd.

GAURAV DWIVEDI (CS)
Placed in Infosys Ltd.



students of II Year-IT. The workshop was conducted by external training agency– DVS Web Infotech Pvt. Ltd, Jaipur and the training was conducted by Mr. Dharmveer Moga, Director - DVS Web Infotech Pvt. Ltd, Jaipur (Contact No. 9460013470).

- A Two day workshop (12 Hours) on Selenium Testing Tool was organized by Department of Information Technology on 12th & 13th February, 2018. The workshop was organized for IV Year (VIII Sem.) students of IT & CS. In this workshop 41 students of IV Year- IT and 12 students of IV Year- CS participated. The main objective of this workshop was to provide the basic understanding of automated testing through Selenium open source testing tool.
- A One day problem solving session on Android was taken by MS Pooja Tanwar on Feb 7, 2018. 12 students of IT dept, IV Year attended the session. The topic was to solve project related issues on Android technology.



FACULTY PARTICIPATION AND ACHIEVEMENTS

- Mr. Amol Saxena attended a 1-day workshop on ERP & Knowledge Management organized by Manipal University on 26th May, 2017.
- Mr. Dinesh Chand Gupta attended a workshop on Digital VLSI Design organized by MNIT Jaipur during 3rd June, 2017 – 12th June, 2017.
- Ms. Sita Gupta attended a workshop on Web Designing & PHP organized by MNIT Jaipur during 13th June, 2017 – 22nd June, 2017.
- Mr. Amol Saxena, Ms. Shazia Haque participated in a PF level Induction Training Program for Faculty Members on Cloud Computing and Business Intelligence which was organized from 15th to 17th June, 2017. The induction training was organized in view of the main training to be conducted by IBM experts on the above two areas from 19th June to 23rd June, 2017. The induction training was coordinated by Mr. Amol Saxena HoD-IT, PCE and Mr. Deepak Moud HoD-CS, PIET.
- Mr. Amol Saxena, Ms. Shazia Haque and Ms. Richa Mehra participated in a 5-Day workshop on “Application Development and Deployment using IBM Bluemix” which was held from 19th – 23rd June, 2017 at PCE. The workshop was conducted by IBM Trainer, Mr. Anupam Gupta, Application Consultant and IBM Subject matter expert
- Mr. Deepak Agarwal conducted an Orientation Program on Cloud Computing and BI respectively for II and III Year students on 29th June, 2017.
- Mr. Amol Saxena attended IBM technical conference ISTC 2017 (IBM Solutions Technical Conference) in Bangalore on 31st August, 2017



GAURAV SHARMA (CS)
Placed in Infosys Ltd. (3.25 LPA)



HARSHITA PALIWAL (CS)
Placed in TCS (3.36 LPA)

- Mr. Saurabh Anand took a special lecture on EDC in II Year, CS Department on 7th September, 2017.
- Ms. Shazia Haque took a special lecture on DSA for IV Year - EC students on 12th September, 2017. The lecture was arranged as pre-placement activity.
- Dinesh Gupta Chand published a paper on Hardware Implementation of SVM using System Generator in “2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT 2017)”.



STUDENT PARTICIPATIONS

“ROTARY INTECH OLYMPIAD-2018” ORGANIZED BY ROTARY CLUB OF PUNE PRIDE (RCPP) AND COLLEGE OF ENGINEERING PUNE (COEP) : Feb 17, 2018

The team of total 11 students out of which 7 students from Department of IT, Poornima College of Engineering, Jaipur (II Year-2, III Year – 4 & IV Yr 1) won the 1st prize (Medal and a Cash Prize of Rs. 36000/-) in the Grand Finale of national level technical competition Rotary InTech Olympiad-2018 held on 17th February, 2018 at College of Engineering, Pune. The students were:



Akshita Parakh (II Yr-IT), Dipanshu Goyal (II Yr-IT), Pradeep Gupta (III Yr-IT), Rani Kumari (III Yr-IT), Ritu Jain (III Yr-IT), Shubham Dixit (III Yr-IT), Vaibhav Kaneria (IV Yr-IT)

The student of II Year IT Nandini Saha (one of the members of a team of 6 students from different colleges) won the 4th prize in the grand finale of national level technical competition Rotary InTech Olympiad-2018 held on 17th February, 2018 at College of Engineering, Pune.

OFF CAMPUS PLACED/ ENTREPRENEUR STUDENTS

STUDENT NAME	Company
Ajay Shrimali	Cyberops
AnkitaShaily	JGS India Pvt. Ltd
Rashi .	Convos Media
Deepak Khotani	EggZone, Bhilwara (Startup)
Komal Joshi	We.staan, Jaipur (Startup)



NOTEWORTHY PROJECTS OF SESSION 2017-18

Title : Minimalistic Operat
Area : System Development
Technology : C++, Assembly Language
Team : Ayush, Shaaswat Mukherjee
Description : Minimalistic operating System is a learning based project, aiming to provide an insight about OS particulars. It can be used as a teaching model in schools and colleges.
Application : Minimalistic operating System is a learning based project, aiming to provide an insight about OS particulars. It can be used as a teaching model in schools & colleges.

Title : Vehicle Traffic Monitoring System
Area : Web Application/ AI Based
Technology : Python, Oracle, AI
Team : Komal Joshi, Riya Hingad, Priyanka Soni
Note : This project has received a grant of Rs. 13,500/- from DST, Govt. of Rajasthan.
Description : The purpose of python project on vehicle traffic monitoring system is to build an application program to reduce the manual work for managing the routes, vehicle types, lengths, and traffic. It tracks all the details about the traffic, diversions, and traffic policies.
Application : Improvement in traffic management

Title : ANALIX: Sales data Analysis
Area : Data Analytics
Technology : Hadoop
Team : Vaibhav Kaneria, Simran Jaiswal
Description : This project analyzes the sales data gathered from websites and presents the useful data in a way that will help the company in understanding their customers. This project provides a way that can be used to reflect the requirements of the customer which is in fact what a company desperately wants to know.
Application : Market analysis by merchants/ companies for the growth of sales

Title : Do'Pi (The Pi which Does!)
Area : Internet of Things (IoT)
Technology : Internet of Things (IoT)
Team : Areeb Ahmed, Arushi Singh
Description : This project is based on IoT and android. Basically this project will be used in home automation like refrigerator or AC. Updated data will go to user interface. User can check updated data with reports. This project is integrated with IoT using Electronic Imp Kit.
Application : Basically this project will be used in home automation like refrigerator or AC. Updated data will go to user interface. User can check updated data with reports.

Title : Play AR
Area : AI, Virtual and Augmenting Reality
Technology : Android/ Augmenting Reality
Team : Ujjwal Kushwaha, Vikas Kushwaha, Nishtha Verma
Description : Play AR is an augmented reality application which helps to know the nearby locations. It uses the smartphone camera to access the map. It has two features Map View and AR View through which user can see the nearby Places in various categories like nearby ATMs, nearby colleges etc. in a particular range.
Application :

1. Will help to know or see nearly places of using camera.
2. Helpful in cornered places to locate the exact location of the destination.
3. Finding new places for a person who loves to travel in different countries.



Title : IGNIS-IOTI EIMPS

Area : Cloud/ IoT

Technology : Salesforce CRM

Hardware Tools

- 1.) Electric Imp Developer Kit - i.) Imp001 card. ii.) Explorer Kit board.
- 2.) AA batteries.
- 3.) Data Cable.

The project is about designing and monitoring Home Automation or Smart Home in this project, it uses the Electric Imp platform to connect and monitor a refrigerator, Air-Conditioner and a Salesforce Connected App to track the current temperature and humidity in the Refrigerator and Air-Conditioner. A Salesforce custom object is used to track the current temperature and humidity along with its power consumption. This custom object will be updated with new readings every 15 seconds.

- Application :
- a) Salesforce for Enhanced Communication.
 - b) Improved customer service.
 - c) Automation of everyday tasks.
 - d) Greater efficiency for multiple teams.
 - e) Improved Data Analytics and Reporting.

ARTICLE

Machine Learning

Machine learning has long powered many products, we interact with daily from "Intelligent" assistants like Apple's Siri and Google Now, to commendation engines like Amazon's that suggest new products to buy, to the ad ranking systems used by Google and Facebook.

More recently, machine learning has entered the public consciousness because of advances in "deep learning" these include AlphaGo's defeat of Go grandmaster Lee Sedol and impressive new products around image recognition and machine translation.

While much of the press around machine learning has focused on achievements that were not previously possible, the full range of machine learning methods from traditional techniques that have been around for decades to more recent approaches with neural networks can be deployed to solve many important (but perhaps more prosaic) problems that businesses face. Examples of these applications include, but are by no means limited to, fraud prevention, time-series forecasting, and spam detection.

Application of Machine Learning:

- Healthcare and Life science- scanning, screening, climate condition.
- Artificial Intelligence and Algorithms- self driving car.
- Security- face recognition, finger print/ iris recognition.
- Email filtration, friends and colleagues Recommendation (Facebook, Twitter).

Programming language for Machine Learning:

- MATLAB/Octave
- Python
- Java-Family

Ashutosh Garg, II Year, IT

कॉन्फ्रेंस में 90 से अधिक पेपर पढ़े जाएंगे

सिटी रिपोर्टर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में शनिवार को 'एडवांसेज इन रेफ्रिजरेशन एंड एनर्जी सिस्टम्स' विषय पर इंटरनेशनल कॉन्फ्रेंस की शुरुआत हुई। दो दिवसीय यह कॉन्फ्रेंस ग्रीन एसेंसेज, अशरे तथा टिवगा के सहयोग से आयोजित की जा रही है। इसमें देश-विदेश के रिसर्चर्स, एजुकेशनलिस्ट, इंटरनैटलिस्ट एवं एक्सपर्ट्स भाग ले रहे हैं। कॉन्फ्रेंस में प्रतिभागियों की ओर से 90 से अधिक रिसर्च पेपर प्रजेंट किए जा जाएंगे।

बेस्ट स्टूडेंट चैप्टर अवॉर्ड से किया सम्मानित

जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में एडवांसेज इन रेफ्रिजरेशन एंड एनर्जी सिस्टम्स 2018 विषय पर आयोजित दो दिवसीय इंटरनेशनल कॉन्फ्रेंस का समापन हुआ। तीन एसेंसेज, अशरे तथा टिवगा के सहयोग से आयोजित इस कॉन्फ्रेंस के

समापन कार्यक्रम में एशरे के बेस्ट स्टूडेंट चैप्टर का अवॉर्ड प्रदान किया गया। कॉलेज की ओर से सक्रिय रूप से एशरे को एक्टिविटीज प्रोग्राम के पूर्ण निष्ठा के साथ ही इन और एशरे इंडिया चैप्टर के स्टूडेंट एक्टिविटीज के प्रमुख डॉ. राजेंद्र सिंह सम्मान समारोह के चीफ गेस्ट थे।

डॉ. ओमप्रकाश शर्मा और रौलेट करण को इसका सर्टिफिकेट और 45 हजार रुपये की राशि का चेक सौंपा। अशरे के स्टूडेंट्स टैक्निकल प्रोग्राम के पूर्ण निष्ठा के साथ ही इन और एशरे इंडिया चैप्टर के स्टूडेंट एक्टिविटीज के प्रमुख डॉ. राजेंद्र सिंह सम्मान समारोह के चीफ गेस्ट थे।

स्टूडेंट्स ने किया ब्लड डोनेट



पौनीआई कैम्पस में ब्लड डोनेशन कैम्प लगाया गया, इसमें कुल 510 यूनिट खतदान किया गया। 'इज बायकॉन्ट्रिब्यूटिंग शॉपिंग ऑफ चहानीज गुड्स ऑन दिवाली इनफ टू हैम्पर चाइनाज होल्ड ऑन इंडियन डोमेस्टिक मार्केट' विषय पर इंटरनैशनल डिबेट 'मंथन-2017' का फर्स्ट राउंड आयोजित किया गया, इसमें स्टूडेंट्स ने विषय के पक्ष और विपक्ष में मजबूत दलीलें पेश कीं।

डेली न्यूज, मिक्स रिपोर्टर, जयपुर। पूर्णिमा फाउंडेशन की विभिन्न संस्थानों में इंजीनियर्स डे के अवसर पर कई एक्टिविटीज आयोजित की गईं। जैन संस्थान ग्रुप एमएलड तथा रोटी क्लब जयपुर मिडियम के सहयोग से पौनीआई, पीआईटी व

एलुमनी मीट में याद आए बीते दिन शेर की कॉलेज की यादें



सीतापुर। पूर्णिमा कॉलेज में एलुमनी एलुमनी मीट का आयोजन किया गया। जिसमें एलुमनी स्टूडेंट्स ने कॉलेज में जुड़ी यादों को अनेक प्रश्नों व जूनियर्स के साथ साझा किया। इस अवसर पर 300 एलुमनीज शामिल हुए जिसमें पूर्व प्रिंसिपल व स्टाफ मेम्बर्स भी इस प्रोग्राम का हिस्सा रहे। पूर्णिमा एलुमनी एसोसिएशन की एक्जक्यूटिव गुरु सिंगी प्रोग्राम की चीफ गेस्ट थी।

रेणु सिंगी ने बताया कि वह यहां के एलुमनीज की संख्या में शामिल हैं। पूर्णिमा कॉलेज में एलुमनीज ने शेर की कॉलेज के अलावा अन्य कॉलेजों में भी शिक्षा प्राप्त की है। एलुमनीज ने बताया कि वे आज जिस मुकाम पर हैं, उसमें बहुत से टीचर्स के मोटिवेशन का प्रभाव देखा है।

इनोवेशंस और ट्रेड्स पर डिस्कशन

पत्रिका PLUS रिपोर्टर

जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में शनिवार को 'रीसेंट इनोवेशन एंड ट्रेड्स इन इंजीनियरिंग, टेक्नोलॉजी एंड रिसर्च' विषय पर दो दिवसीय इंटरनेशनल कॉन्फ्रेंस शुरू हुई। आईएसएलई, आईएसटीई और आईआईटीई के सहयोग से आयोजित की कॉन्फ्रेंस में देश-



विदेश के कई प्रतिभागी शामिल हुए हैं। यूनिवर्सिटी ऑफ प्रोटेरिया के डॉ. रमेश बंसल प्रिजाटन समारोह के चीफ गेस्ट थे। कॉन्फ्रेंसिंग यूनिवर्सिटी के

एसोसिएट डॉ. अक्षय कुमार गेस्ट ऑफ ऑनर थे, जबकि पूर्णिमा फाउंडेशन के चेयरमैन डॉ. एसएम सेठ ने कार्यक्रम की अध्यक्षता की।

रोटरी इनटेक ओलंपियाड-2018

स्टूडेंट्स ने तलाशे इंडस्ट्री की प्रॉब्लम्स के समाधान



सिटी रिपोर्टर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में रोटरी इनटेक ओलंपियाड-2018 के प्रथम फेज में प्रथम पुस्तक 'जीन' है। रोटरी इनटेक ओलंपियाड-2018 के प्रथम फेज में प्रथम पुस्तक 'जीन' है। रोटरी इनटेक ओलंपियाड-2018 के प्रथम फेज में प्रथम पुस्तक 'जीन' है।

थंब पेंटिंग कॉम्पिटिशन आयोजित

जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में वाइन एक्टिविटी के तहत गलर्स ने पेंटिंग किया। पूर्णिमा एलुमनी एसोसिएशन की एक्जक्यूटिव रेणु सिंगी व कैम्पस डायरेक्टर डॉ. ओमप्रकाश शर्मा ने स्टूडेंट्स को जीवन में पौधों की महत्ता समझाई। कैम्पस में आम, अमरुद, चीकू व जाव फल के कई पौधे लगाए गए। इस दौरान गलर्स ने पौधों से संबंधित कई कविताएं भी सुनाईं।



फर्स्ट ईयर स्टूडेंट्स के लिए सेव अर्थ सेव एनवायरमेंट विषय पर थंब पेंटिंग कॉम्पिटिशन आयोजित किया गया।

बान्सुरी की धुनों के साथ बॉलीवुड नम्बर्स की धमाकेदार प्रस्तुतियां

समाचार पत्रिका

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प्रतियोगिता। बान्सुरी की सुनोती धुनों और खलबल भरी गीतों के बीच बॉलीवुड नम्बर्स की अनेक प्रस्तुतियां की गईं। पूर्णिमा ग्रुप ऑफ कॉलेज के इंटर कॉलेज पुनःअल स्पोर्ट्स, टेक्निकल व कल्चरल फेस्ट आयोजन 2018 का समापन हुआ। करीब छह घंटे चले रिसका शोख लाइव कंसर्ट का स्टूडेंट्स ने लफ उड़ाया। इस इंटर कॉलेज फेस्ट में देश के 45 कॉलेजों व यूनिवर्सिटीज के स्टूडेंट्स ने प्रतिस्पर्धा की। इस दौरान राष्ट्रीय कवि सम्मेलन काव्याजाल भी आयोजित किया गया।



स्टूडेंट्स में जोश पर उठा। इसके बाद रिसका ने अपने ग्रुप के साथ नए-पुनरे कई फिन्सों में नर्तन की एक से बढ़कर एक प्रस्तुतियां दीं। इन गीतों के साथ रिसका ने बान्सुरी खतन का बेहतरीन नृत्य अनेक प्रदर्शनों के बाद अपनी धमकदार आवाज में रसमयानी सांग रोलिंग मारी लोलांग और स्टूडेंट्स को फर्माइश पर कुछ जानवी नमस्कार भी पेश किए।

कवि सम्मेलन काव्याजाल में कवियों ने श्रोताओं को हंसने के साथ ही रस से परिपूर्ण कविताओं के जरिए देशभक्ति का भाव भी जगाया। मंच संचालन करते हुए यूनिवर्सिटी ऑफ प्रोटेरिया व कवि सुनील कुमार जैन ने बीच-बीच में कॉलेज लाइव पर आधारित रचनाएं सुनाकर स्टूडेंट्स का जबरदस्त समर्थन प्राप्त किया।

कवि ओश उमाली ने वीर रस पर आधारित खसति देशभक्ति रचनाएं पेश कर छात्र जनताओं को पोल खोली। उन्होंने देश के दुश्मनों पर भी तीखे प्रहार किए। महाराणा प्रताप और बहादुर चेतक पर प्रस्तुत की गई उनकी रचनाओं ने श्रोताओं में देशभक्ति का भाव भी जगाया।

प्रजेंट किए रिसर्च पेपर



जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग की ओर से 'श्रीसेंट इनोवेशन एंड ट्रेड्स इन इंजीनियरिंग टेक्नोलॉजी एंड रिसर्च' पर इंटरनेशनल कॉन्फ्रेंस का आयोजन किया गया। दो दिवसीय कॉन्फ्रेंस में आए 120 पेपर्स में से 74 रिसर्च पेपर प्रजेंट किए गए।

फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स



जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स तैयार किए। इस अवसर पर फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स तैयार किए। इस अवसर पर फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स तैयार किए।

क्लब व टेक्निकल इवेंट्स पर फोकस



जयपुर। पूर्णिमा ग्रुप ऑफ कॉलेजों के इंटर कॉलेज पुनःअल स्पोर्ट्स, टेक्निकल व फेस्ट आयोजन 2018 के तहत गुवागार को जहाँ क्लब व टेक्निकल इवेंट्स पर फोकस रखा, वहीं स्टूडेंट्स ने फेसन शो के दौरान पर स्टाइलिश वीयरस को पेश किया गया। खूबसूरत चीफ गेस्ट के तौर पर डॉ. एसएम सेठ ने स्थल प्रज्वलित कर इस फेस्ट का औपचारिक उद्घाटन किया।

Convocation held at Poornima College



जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में कनवोकेशन का आयोजन किया गया। इस अवसर पर फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स तैयार किए। इस अवसर पर फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स तैयार किए।

एनुअल टेक फेस्ट प्रोजेक्ट कॉम्पिटिशन व एजीकेशन आयोजित



जयपुर। पूर्णिमा कॉलेज ऑफ इंजीनियरिंग में एनुअल टेक फेस्ट प्रोजेक्ट कॉम्पिटिशन व एजीकेशन आयोजित किया गया। इस अवसर पर फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स तैयार किए। इस अवसर पर फर्स्ट ईयर स्टूडेंट्स ने डिप्ले के लिए इनोवेटिव प्रोजेक्ट्स तैयार किए।

Proud Moments



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AS
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OF RAJASTHAN
by Jagran Josh
Institute Raking 2018



RUBY ANSAR
REGISTRATION NO.: MVLSI/13/11
RAS 2016 4th Rank

POORNIMA'S ACHIEVEMENT OUR ALUMNUS



ANUJ BHARDWAJ
REGISTRATION NO.: MCS/11/002
RAS 2016 15th Rank



NISHA YADAV
REGISTRATION NO.: IT/08/35
RAS 2016 255th Rank



NEHA TAK
REGISTRATION NO.: EC/08/68
RAS 2013 53th Rank



SOURABH PALIWAL
REGISTRATION NO.: CE/10/137
RAS 2013 101th Rank



BHAYANKAR SINGH CHAUHAN
REGISTRATION NO.: PCE/EE/12/054
lieutenant at Indian Navy



SHUBHAM MATHUR
REGISTRATION NO.: PCE/EE/13/535
Indian Air Force



PRAGYA ARORA
REGISTRATION NO.: EC/10/78
ISRO



SHIVANI SHARMA
REGISTRATION NO.: EE/10/102
RAS 2016



ARPITA GUPTA
REGISTRATION NO.: CE/10/26
RAS 2016

Pillars of PCE



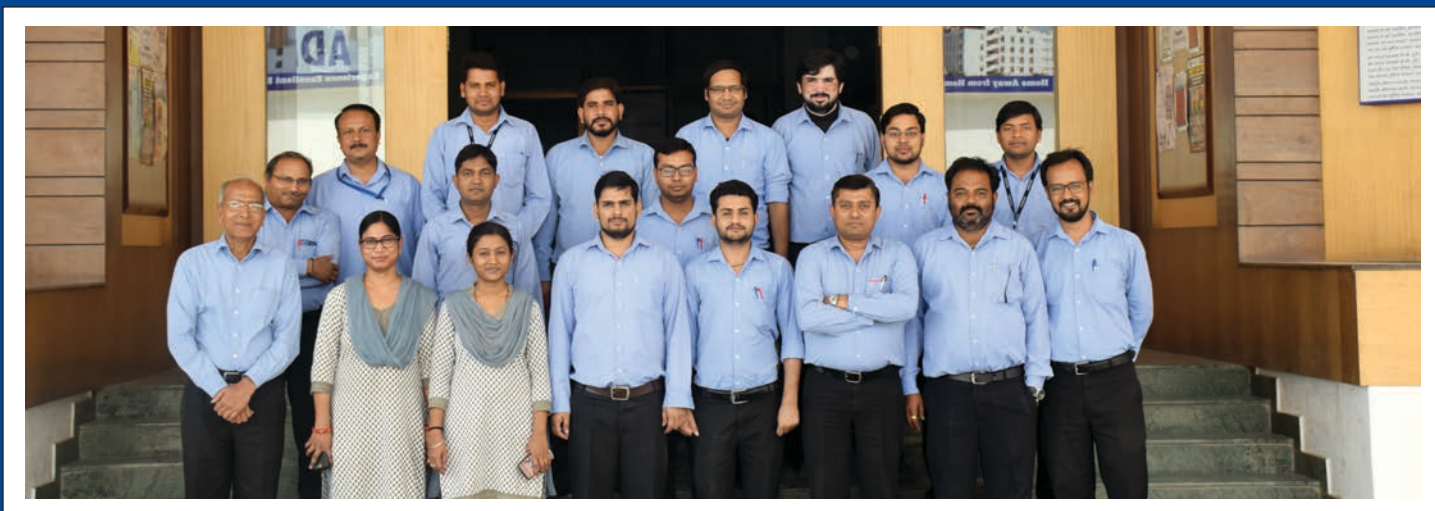
Faculty & Staff Members of Department of ME & Civil Engg.



Faculty & Staff Members of Department of IT & CS Engg.



Faculty & Staff Members of Department of ECE & EE Engg.



Faculty & Staff Members of Department of I Year



NISHANT YOGI (ME)
Placed in Infosys Ltd.

PANKAJ YADAV (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



INTRODUCTION OF HOSTELS AT POORNIMA

Poornima Hostels namely Gayatri girls Hostel, Aravalli boys Hostel, Gurushikhar boys hostel, Gargi girls hostel and Himalayas boys hostel are homes to students with residential capacity of more than 2000 students including 800+ girls and 1200+ 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





PARAS SWAMI (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



PRASHANT KUMAR RAWAT (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

- 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 & Arbuda Convention Centre for watching movies



In the past eighteenth years PF hostels has shown a tremendous growth rate in every aspect and has produced a successful team of techno-gurus. PF hostels has not only focused on academics but also on the overall personality growth of every student residing in hostels. PF hostels has an aim of "stepping towards perfection". To fulfill this aim we try 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 PF hostels closer to its aim.

Ashwini Lata
Dean, Hostels



PUNIT CHHIPA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



RAHUL SHARMA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

LIFE AT GAYATRI GIRLS' HOSTEL

Message



The students stay here with each other and learn the value of discipline and co-operation. The atmosphere of the hostel is conducive to study. Life in Gayatri is helpful to the students. It teaches them a sense of responsibility in matters of taking care of books, clothes and health. Thus, they become self-dependent. The students adhere to a new routines life. They have their study hours and meal hour in hostel. They are free from the worries of home. Hostels at Poornima group of colleges are definitely the place for socializing, where students experience a life entirely different from life at home with all the elements of student life i.e. enjoyment and creativity. Students face life practically on their own in a hostel. Hostel life serves as a background to groom students for the real life.

Hostel is the integral part of the college because it provides a practical training to a student in his mental, moral and spiritual development. Homesickness does not bother any student staying in this hostel, for it is not only a home away from home but also a source of learning to become a competent professional. The security of girls in our Gayatri girls hostel is at the prime levels.

- Mrs. Sudha Jain
Chief Warden, Gayatri Hostel

A LEARNING PROGRAM IN HOSTEL - MENTORSHIP

Mentorship is a body of students formed on hostel level after a proper procedure of interviews of the candidates for the academics and non-academics areas. A mentor is responsible for the condition of discipline and maintenance of peaceful environment in hostels. The student's final year, third year, second year are selected as mentor. There is a proper channel of administration followed for the respective conduction of activities. The areas of activities cover academics, sports, cultural and overall development of personalities through clubs.

HOSTEL ACTIVITIES UNDER MENTORSHIP PROGRAM

S.NO.	DATE	NAME OF THE EVENT
1	29/07/2017	Mentorship Training Program
2	04/08/2017	Mentorship Orientation
3	15/08/2017	Janmashmi celebration
4	21/08/2017	Personality and ethics
5	21/08/2017	FACE Classes for 3rd & 4th year
6	22/08/2017	Physics class
7	23/08/2017	Art and design session
8	24/08/2017	Maths class
9	25/08/2017	Ganesh Chaturthi Celebration
10	28/08/2017	Media, marketing and awareness session
11	29/08/2017	SPL of Physics





RAJESH SINSINWAR (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd



RISHABH NANDAWAT (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

S.NO.	DATE	NAME OF THE EVENT
12	30/08/2017	Session of UDAAN Aeromodelling club
13	31/08/2017	Fresher's Party
14	01/09/2017	SPL of C programming
15	04/09/2017	Personality and ethics club
16	05/09/2017	Physics class
17	06/09/2017	Beauty and fashion club
18	08/09/2017	C programming class
19	08/09/2017	Poornima Pathashala club activity
20	09/09/2017	Class of Maths
21	11/09/2017	SPL of C programming
22	12/09/2017	SPL of Physics
23	13/09/2017	SPL of Maths
24	14/09/2017	Poornima Pathashala Session
25	15/09/2017	SPL of Chemistry
26	16/09/2017	SPL of CADD
27	17/09/2017	SPL of C programming
28	23/09/2017	Dandiya Night
29	28/09/2017	Dance, Drama and music club
30	02/10/2017	Beauty and fashion club
31	03/10/2017	Physics mentor class
32	04/10/2017	Dance, Drama and music club
33	06/10/2017	SPL of c programming
34	7/10/2017	SPL of CADD
35	9/10/2017	Personality and ethics club
36	11/10/2017	Physics mentor class
37	27/10/2017	Physics mentor class
38	29/10/2017	SPL of C programming
39	30/10/2017	Poornima Pathashala club activity
40	4/11/2017	Dance, Drama and music club
41	09/11/2017	Class of Maths





SAMEER KUMAR CHOROTIYA (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

SANJEEV VERMA (ME)
Placed in Shilpa Alloys



S.NO.	DATE	NAME OF THE EVENT
42	10/11/2017	Class of C programming
43	11/11/2017	Poornima Pathashala club activity
44	12/11/2017	Mentor Test
45	10/11/2017	Class of CADD
46	14/11/2017	SAMAGAM (Poornima Pathashala activity)
47	18/11/2017	Class of Maths
48	19/11/2017	SPL of CADD
49	04/12/2017	SPL of C programming
50	17/01/2018	PD session
51	22/01/2018	Basant Panchami Celebreation
52	14/02/2018	Class of BEEE
53	7/03/2018	SPL of Mechanics
54	8/03/2018	SPL of Physics
55	10/03/2018	SPL of BEEE
56	21-24/03/2018	Tatva torque (hostel fest)



PERSONALITY DEVELOPMENT AND ETHICS

An individual with a good character would in turn have a good personality. If you are extremely good looking but do not know how to behave don't be surprised if you are ignored by others. Nothing is more important than your character and moral values. Never cheat others. Remember, life is nothing without ethics and values, with this we introduce personality development club as a mentorship program.

MEDIA AND MARKETING CLUB

In general media means a network or communication channel through which news, entertainment, education data or promotional messages are disseminated. Media marketing is the use of social media website and social network to promote any event or to make people aware about what is happening around us.

So under this club, the student will get to know about different things that are happening in our hostel.. During the session different activities have been conducted like how to advertise a product and explore it. A small activity was done in which the student was divided into different groups and they performed a skit. Different activities of the hostel are promoted under this club on different social sites like facebook, instagram, twitter etc.

ART AND DESIGN CLUB

Art and design club is the club which brings out the creativity and passion of the students. A session was conducted for the hostellers to introduce different forms of art. The students were made aware of sketching, shading, and paintings along with use of art and designing in the field of Engineering.



SHARAD AGRAWAL (ME)
Placed in Pinnacle Infotech Solutions Pvt. Ltd

SHASHANK GUPTA (ME)
Placed in Infosys Ltd.



DANCE DRAMA AND MUSIC CLUB

The performing arts plays a key role in students personal development. The arts make us feel connected to each other and less isolated. With this hope we started our Dance , Drama & Music Club. The focus of this club is on those students who are aligned towards dance, drama and music. The club also included the fun activities related to dance and drama.

SPORTS CLUB

Sports includes all forms of competitive physical activity or games which, through casual or organised participation, aim to use, maintain or improve physical ability and skills while providing enjoyment to participants, and in some cases, entertainment spectators. Usually the contest or game is between two sides, each attempting to exceed the other. Some sports allow a tie game; others provide tie-breaking method, to ensure one winner and one loser. A number of such two-sided contests may be arranged in a tournament producing a champion.

PAATHSHALA CLUB

- **Activity Category :** Paathshala Activity
- **Activities Taken By:** Anushka Mujawdiya(3rd yr), Nehal Sahu (2nd yr)
- **Description/Explanation of Activities:** On 8th September 2017 ,an introductory description about club activities and club was taken by Mr. Om Prakash (Co founder Poornima Pathshala). The session was a brief discussion about the current happening in the world.
- The current problems of India regarding children were discussed
- The next activity was on 11th September 2017, birthday of a club member named "Pratibha Agrawal" was celebrated with Poornima Paathshala kids. Notebooks, pencils and ice-creams were distributed to the students as a gift from the birthday girl. Students performed dance, songs, poems and stories for her birthday celebration. And they were given extra good as the token for appreciation.

On 30 oct 2017 an interaction session was held for the club members and the kids to interact with each other. At first a brief discussion was done about the Poornima Paathshala daily activities carried out for the kids. The members and kids were allowed to meet each other. A study session was taken by the club members.

Room cleanliness competition was held on 11th Nov 2017 it was based on how hostel students keeps their rooms as much clean as their home. All the 1st year students actively participated in the activity resulting they cleaned and decorated their room. Sonal ma'am and Bharti Maam Judged whole event, marked rooms based on parameters like- cleanliness of the Room, Alhmirah and Walls.

On 14th Nov 2017, SAMAGAM was celebrated by Rahul Singh Sir, Poornima Pathshala club members, Poornima Pathshala club children, Poornima Pathshala Council head, PU coordinators and Poornima pathshala club mentors and AISEC members. The Samagam is a event for the children on the occasion of Children's Day. Poornima Paathshala children, prize winners and children from NGOs were present on this occasion. Photos of Events:

- **Feedback /Comment:** All members were present in the activities and sessions
- **Outcome:** Club members and club children were very satisfied with the activities and excited for the upcoming sessions.



INFLUX OF EXUBERANT HOSTEL EVENTS



POORNIMA PHILOSOPHY



॥ कॉलेज गान ॥

जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान,
मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ 1 ॥

उन्नत शिक्षा आदर्शों पर, आधारित जिसकी संरचना,
उन्नत शिक्षा आदर्शों पर, आधारित जिसकी संरचना,
ज्ञानम् विना न किमपि साध्यम्, जिसका जीवन व्रत महान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ 2 ॥

युवा शिल्पी रहते रचनारत, यन्त्र कला कौशल अपनाकर,
युवा शिल्पी रहते रचनारत, यन्त्र कला कौशल अपनाकर,
विद्युत, सूचना, संगणक से, अंतरिक्ष तक भरें उड़ान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ 3 ॥

मानवता से करें प्रकाशित, ज्ञानदीप की लौ जलाकर,
मानवता से करें प्रकाशित, ज्ञानदीप की लौ जलाकर,
तारागण सम सदा चमकते, जनमानस का करे कल्याण,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ 4 ॥

करें वन्दना सरस्वती माँ की, पूर्ण हो मन की अभिलाषा,
करें वन्दना सरस्वती माँ की, पूर्ण हो मन की अभिलाषा,
सृजन हित दृढ़ नित परिश्रम, ध्येय राष्ट्र का नव निर्माण,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ 5 ॥

मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
मरुभूमि अभिनन्दन करती, अरावली देता मुस्कान,
जय जय जय पूर्णिमा संस्थान, जय जय जय पूर्णिमा संस्थान ॥ 6 ॥



POORNIMA

COLLEGE OF ENGINEERING

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