**Vision**
To create knowledge based society with scientific temper, team spirit and dignity of labor 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 and 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 stakeholders satisfied.
Dear Readers,

Greetings!

We have come back to enliven your spirits with a variety of topics in this issue of 'Poornima Spectrum'. We take the opportunity to wish our valuable readers a happy reading year ahead. We also wish all the students the very best for their future endeavors.

The gem cannot be polished without friction, nor man perfected without trials. In the presence of trouble, some accord for bolsters, others grow wings. If you are facing a new challenge, don’t be afraid to step out. You have more capability than you think you do, but you will never see it unless you place a demand on yourself for more. We should always face a challenge with "How we can?" and not with "Why we cannot?"

As you all know, Poornima University extends far beyond the classroom education, therefore our students excel in numerous areas. The dynamic accomplishments and involvement of the Poornima University have provided our writers with a wealth of interesting topics to share with you. A magazine mirrors an institution -its aims and objectives. It also highlights events, activities and academic prowess and achievements. In this edition, we have tried to capture this year's excitement and activities. We do hope that the magazine encourages many more students to use it as a platform to express their creativity.

We candidly anticipate that this year’s edition makes for an interesting read.
It is a matter of great pleasure that Poornima University, Jaipur is bringing out its annual magazine, POORNIMA SPECTRUM - 2014.

University magazine is the ideal platform where students can express their views and creative flair in innovative ways. Such publications help in highlighting the academic as well as extra-curricular achievements of a complete academic year. Efforts being made by the Poornima University in fostering technical education among the youth are praiseworthy.

I hope that the publication would serve as a significant forum for the budding technocrats to realize their creative aspirations.

I wish the endeavor a great success.

(Smt. Vasundhara Raje)
CHIEF MINISTER
Rajasthan
Message

I am delighted to know that Poornima University, Jaipur is bringing out the fresh issue of its annual university magazine POORNIMA SPECTRUM.

At the outset, I compliment the management of Poornima University for their initiatives and efforts. Poornima University is doing very well on all fronts of academic and non-academic programs and fulfilling all corporate social responsibilities. The credit goes to the dedicated team of Management, Faculty, Staff members and the Students.

The annual magazine is an important publication of the institution as it provides opportunity to the students to exhibit their latent literary and technical talents. I am sure that this magazine will provide an insight into the activities of the university and organization.

We must remember that the main aim of the education is the development of all round personality of the students- mental, physical, moral, emotional, technical and spiritual. I hope that the magazine will provide all those ingredients. I take this opportunity to congratulate the editorial board for bringing out the latest issue of the magazine. I am sure that the magazine will provide interesting reading material and enrich the mind of the readers.

With warm wishes!

(Padma Bhushan Sh. D. R. Mehta)
Former Dy. Governor, RBI & Chairman, SEBI
Chairman, PJP Advisory Board
I am glad to learn that Poornima University is coming out with the second issue of its annual magazine, ‘Poornima Spectrum’. It is heartening to see that in a short span of two years, Poornima University has become stronger in its commitment, striving for imparting quality education and nurturing enlightened young citizens of India. The University is making all feasible efforts for the accomplishment of its stated vision of creating a knowledge-based society with scientific temper, team spirit and dignity of labor. This is the right direction since proper education is an effective medium to bring a social transformation paving the way for achieving new heights for our nation. I would like to congratulate all stakeholders of Poornima University: students, faculty, staff and parents, for completion of two years of trials and tribulations, successes and achievements and remarkable growth on all fronts and strongly establishing the ‘PU Brand’.

Dear students, you as budding professionals, must be adequately prepared make use of numerous opportunities and also to face the many challenges as you go ahead in your career and life. The future, yours and that of the engineering and management profession, is in your hands. Don’t let the future just happen. Create the future for yourself, the profession, and society. I would like to quote Helen Keller “Character cannot be developed in ease and quiet. Only through experience of trial and suffering can the soul be strengthened; vision cleared; ambition inspired, and success achieved”.

I am sure that the second issue of magazine would provide relevant enlightened information to all its readers. I congratulate all the members of Poornima University family who have directly or indirectly contributed towards bringing out this edition of the ‘Poornima Spectrum’ portraying its achievements and endeavors.

Best Wishes!

JAI JAI POORNIMA SANSTHAN! JAI HIND.

Dr. S.M. Seth
Chairperson, Poornima University
Chairman, PGC & PJ Foundation,
(Former Director, NIH, Roorkee)
From The
Director General’s Heart...

It gives me immense pride and joy to learn that Poornima University is coming out with its second Annual Magazine – ‘Poornima Spectrum - 2014’. It has been two years since this University came into being in 2012. I feel proud and humbled simultaneously to see the teaching-learning process evolving and taking shape and the transformation it is bringing to the students.

The University started with a mission to evolve and develop skill based systems for effective delivery of knowledge so as to equip young professionals with required competencies. During the last two years of its existence, the University has always ensured to impart quality education without any distinction & always inspiring its students to become citizens of integrity. The motivated faculty members have ensured that our students are trained in tune with the latest developments in the industry. We at Poornima University have always regarded education as an essential element for equipping youth with high morals, for realization and fulfillment of his/her individual and social responsibilities. The University aims at forming leaders who are intellectually competent, spiritually mature, morally upright, psychologically integrated, physically healthy and socially responsible.

I am sure the second edition of the University Annual Magazine will act as an effective communication tool that binds and unites in purpose its students, faculty, parents, all stakeholders and the society at large. I extend my best wishes to all those who have burnt the midnight oil to ensure that the magazine sees the light of the day.

Best Wishes!

JAI JAI POORNIMA SANSTHAN! JAI HIND.

(Shashikant Singhi)
Director General, Poornima Foundation
Architect, Motivator & Educationist
Words of Wisdom
From President Desk

"We cannot always build the future for our youth, but we can build our youth for the future."
Franklin D. Roosevelt

These words by Franklin D. Roosevelt perfectly describe our aim at Poornima University. Beyond providing a sound education, we wish to provide our students a holistic learning experience for life. Our aim is to teach students to LEARN, not just STUDY. Hence, we strive to travel beyond the boundaries of mere books. We have realized that the future is abstract and unknown but the youth in our hands are real and can be molded.

Empowerment of students for their all-round development through education is our cherished motto. Today education means much more than merely acquiring knowledge. It is acquisition of knowledge and skills, building character and improving employability of our young talent, the future leadership.

It gives me immense pleasure to pen a few words as prologue to our University magazine ‘POORNIMA SPECTRUM’ exclusively meant for churning out the latent writing talent which bears immense potential of sharpening the expression of ideas and communication skill as part of overall personality development. I congratulate all the contributors and the editorial board for bringing out such a beautiful magazine.

I wish the students all the best for achieving greater success and scaling newer heights in their education and career ahead.

My best wishes for the publication!
JAI JAI POORNIMA SANSTHAN! JAI HIND.

Karan Bhatia
Dr. K.K.S. Bhatia
President, Poornima University
(Former Scientist F, NIH, Roorkee)
It is a matter of great joy for me to place in your hands the second Annual Magazine of Poornima University “POORNIMA SPECTRUM”. All the information about activities and achievements of session 2013-14 along with some articles are presented in this magazine as colors are presented in a spectrum.

The second year at Poornima University (PU) was challenging as well as most satisfying. It was the happening year; full of activities and actions. We could achieve what we have planned because of the continuous guidance, inspiration, motivation and blessings of our Chairperson, Dr. S.M.Seth and President, Dr. K.K.S.Bhatia.

We have marched ahead keeping in mind that in life there is NO SHORT CUT TO HARD WORK AND NO GAINS WITHOUT PAINS. We believe that guru mantra for success is positive attitude, perseverance, passion, commitment and self belief. Today, in the information age, SKY IS THE LIMIT for an individual to rise. We must develop an insight into strengths and weaknesses. In the words of our great visionary Honoroble past President APJ Abdul Kalam:

"Learning gives creativity, Creativity leads to thinking, Thinking provides knowledge and Knowledge makes you great".

The true value of an education system is in providing a wisdom tool to each and every student to make a good life than merely making a living out of acquired knowledge. The curriculum at PU not only fulfills the academic requirements of a particular course in a most comprehensive manner but also it is an amalgamation of social and ethical values, co-curricular and extra-curricular activities. The courses are designed keeping in view the current requirements of society& industry and also vetted by industry experts of the respective field.

This year, the new addition in academic courses like Professional Certificate Courses (PCC) for Engineering students and Special Syllabus Programs (SSP) for B.Com., MBA and BBA students has made significant contribution for real life learning of students. The PCC & SSP courses are conducted with the help of industry experts so as to give students the latest market oriented skills and knowledge.

Aptitude & Campus Recruitment Training (Apti/CRT) Programme was also added in regular curriculum so as to prepare the students for facing the recruitment process.

Our regular niche programmes and activities have given strength in overall learning of students. These programmes include Revision Classes(for Theory Subjects), Make-up Classes (for Practical Subjects), Support Classes, Extra Teaching Time, Continuous Evaluation System, Orientation Programme, Tutor System, Brushing-up Classes, Tutorial Classes, Self Help Group (SHG), Mentor Classes, Survey Camp etc.

The great success of students of MBA in placement i.e. 57 students placed out of 79 students till now (May 2014) has proved that we are moving in the right direction. The results of students of all courses...
were good and they have come up with flying colors in all the activities. Our students have shown their
talent in extracurricular activities by winning prizes in large numbers in and off campus
competition. I congratulate all of them. It all shows that the efforts made by students and faculty are
becoming fruitful.

From the beginning of III semester in Engineering, the various departments came into existence and
the Department Culture was reflected on the celebration of Department Day of all Engineering
Departments with publication of News Letter of each department.

Our most ambitious programme of Higher Studies and Research has also come a long way in a very
short span of time with lots of successes. We could establish a very high reputation for our Masters
programme in Engineering and Management along with Research programme due to emphasis on
hard core academics and research oriented activities. This was possible due to hard work and
dedication of our team and confidence of the candidates. With allocation of good amount of budget for
research activities by the Management of PU, some notable work could be done like establishment of
research labs viz. Solar Energy Lab & Automation Lab, VLSI & Advanced communication Lab,
Research Lab, Cloud Computing & Computer Network Lab Water Analysis Lab, Meteorological
Observatory Lab.

Subscription of IEL online Journal added a feather in the cap with availability of large number of
online quality journals to the research scholars, faculty and students. Organization of two day
workshop on Research Methodology with participation of more than 150 candidates and
involvement of around 22 experts of various field made this event very useful and memorable. The
grand success of three days International Conference on Recent Advances and Innovations and
Engineering (ICRAIE-2014) has generated a lot of confidence among all of us and it also received loud
appreciation from the academic world. More than 1350 research paper were received and after the
review, the selected 240 papers were presented in this conference which is a record in Rajasthan.

Locally, nationally and internationally, we are in the throes of vast change. Due to expected stable
Government in the centre, our country is poised to have excellent industrial growth. Therefore, the
coming years will be full of opportunities for young professionals. I am sure that our students are being
prepared very well and they will be able to face the future challenges and grab the great opportunities,
waiting for them.

The much awaited PU magazine “Poornima Spectrum” is now in your hands. As you scan through the
pages, it will enlighten you with the important milestones that PU has achieved this year. I owe my
sincere gratitude to our esteemed members of the editorial board for their hard work and efforts in
bringing out this issue of PU magazine.

At last, I would like to reiterate what Swami Vivekananda said in his call to the youth: “Never say, ‘NO’,
‘never say’, ‘I cannot’ for you are infinite. Even line and spaces are nothing as compared with your
nature. You can do anything and everything, you are almighty.

Best Wishes.....Do whatever it takes to make your dreams come true...
Always believe in miracles, and always believe in you!!
~ Julie Anne Ford ~

(Rev. Dr. Manoj Gupta)
Provost, PU
Message

My blessings are for the entire team of the editorial board for publication of the university magazine ‘POORNIMA SPECTRUM -2014’.
To remain competitive in today’s world, being experts in one area will not suffice. One has to excel in their chosen fields and also be good in several other domains. Our students are the voice and bedrock of our institutes. I am sure that such endeavors will help them scale greater heights of success & these publications of Poornima will serve in the right earnest.

(Professor Kanta Ahuja)
Ex-President, Poornima University
Member, PJF Advisory Board

I am happy to observe the growing success of Poornima family which has worked hard to take Poornima University to greater heights of success.
I am sure that publication of university magazine ‘POORNIMA SPECTRUM -2014’ would receive great appreciation. It is also noteworthy that the university has progressed considerably in all discipline.
I convey my happiness to the members of editorial board for successful publication of the magazine.

(Inderjit Khanna)
Former Chief Secretary, Govt. of Rajasthan
Member, PJF Advisory Board

I am glad to know that Poornima UNIVERSITY is bringing out its Annual University Magazine ‘POORNIMA SPECTRUM -2014’. The University has got high reputation in a short span of time and is imparting good education.
I hope that the magazine which they are going to release will reflect the hidden potential of the students through the useful articles published in it. I wish Poornima University, a grand success in its endeavor.

(Vishwanath Sinha)
Former Prof. IIT Kanpur, Former Director I.I.N.IIT
Member, PJF Advisory Board

The magazine provides a glimpse of the artistic and creative talents and potential of the constituency of the institution. To bring out each new edition of the magazine requires a tremendous effort which the students and faculty put in day-in and day-out. I am looking forward to the continued publication of the magazine in the years ahead.

(Professor Vijay P. Singh)
Texas A & M University, F. SA
Member, PJF Advisory Board

I am happy to learn that the Poornima University is bringing out latest issue of its college magazine ‘POORNIMA SPECTRUM -2014’.
Such institutional magazines provide opportunities to both students and faculties to show-case their skills, quite often beyond their regular teaching and learning skills. I convey my very best wishes for the publication.

(Dr. Shabd S. Acharya)
Former Chairman, CACP, Government of India, New Delhi
Member, PJF Advisory Board
Poornima Foundation has emerged as the finest & largest group imparting professional education in Rajasthan. Today it boasts of Four campuses, five institutions, 11000 + students and 1100 + faculty and staff members. Poornima foundation was established under the affluent intellect of Shanti Education Society in the year 2000. PF believes that the main objective of education is to produce employable professionals, industrious and spiritual human being for the society with outstanding knowledge in their field of specialization.

PF incorporates Poornima group of Colleges which includes three engineering colleges namely, Poornima College of Engineering (PCE), Poornima Institute of Engineering and Technology (PIET) and Poornima Group of Institutions (PGI) and one management Institution namely Poornima school of Management (PSOM). All these institutions are approved by AICTE and affiliated to Rajasthan Technical University (RTU), Kota.

In the Year 2012 PF has added one more feather to its cap, the POORNIMA UNIVERSITY. University is catering to around 1500 students in various Undergraduate (B.Tech, BCA, BCom, B.Arch, BBA), Post graduate (MBA, M.Tech) and Doctoral programs (Engineering, Sciences and Management). The curriculum of University is carefully designed to provide the dynamism and flexibility necessary to cope up with the ever changing socio-economic requirements of modern society.

Shanti Education Society

Poornima University is promoted by Shanti Education Society which came into existence in the year 1999. The founder Chairperson of SES was Shri Manohar Lal Singhi and founder Vice Chairperson was Late Shri Arun Chand Singh. The main objective of Shanti Education Society is to promote technical and professional education in with a state-of-the-art infrastructure and a strong well laid out philosophy.

Shanti Education Society is currently headed by its Chairman Shri Satish Chandra Agrawal, a noted academician and technocrat of repute. Other member of the society are well known professionals in their respective fields.

Shanti Education Society today owns 2,00,000 Sq. m. institutional land area developed by RIIICO at Sitapura and Ranchandrapura in the form of four campuses which house PCE, PIET, PSOM, PGI and Poornima University. The University aims to achieve world class excellence in imparting knowledge, research and teaching, making invaluable contributions to the social, educational and economic development of the nation. The state of the art research facilities and modern amenities like well stocked libraries along with project centers create a conducive environment for teaching learning process. Poornima University is committed to bring about perceptible change in society with its innovative and equitable practices and systems.
Infrastructure

Infrastructure at Poornima University is best of its class. University is spread in a sprawling, lush green land of 32.7 acres with a total built area of 40000 Sq. mt. It provides a scenic and tranquil environment to the students, boosting their mental potential and prepares them in all aspects. Well designed building area with independent academic block, administration block, hostels and playgrounds provide scholarly ambience for learning.

**University at a sight:**

- Library with a voluminous collection of with 17000 volumes, 4000 titles, 125 journals and periodicals, 25 project thesis, 650 multimedia CD’s and 145 subscribed journals. Library also has an Excellent IT infrastructure with DELNET facility which is connected to 125 online databases
- Smart class rooms empowered by digital class pro ICT Solution-Pearson
- Air conditioned multipurpose halls with a sitting capacity of 200 students for organizing various workshops, seminars and other activities
- Exhibition halls to conduct various exhibition and programs
- Well furnished and ventilated lecture theatre with the sitting capacity of 80 students
- Air-cooled online lab with a capacity of 72 PC’s
- Transport facility for students and faculty from all corners of Jaipur
- Basketball court, Football court, volleyball court, lawn tennis court & table tennis for students
- Cafeteria serving variety of foods and snacks which provides a perfect ambience for socializing and creativity
- Common rooms for students on each floor
- Computer labs with internet connection
- EPABX System for easiness in internal communication

- Communication skills training through language lab equipped with latest gadgets and software’s (Globe Arena) etc.
- 24x7 surveillance by CCTV cameras & the security guards
- Bank facility in the vicinity of the campus
- Provision store for fulfillment of daily requirements of students
- Rest room to facilitate handicapped students
- Wi-Fi connectivity in campus and hostels
- Laundry facility for hostellers
- Ample parking space for vehicles
Collaboration

An MOU with **Asian Institute of Technology (AIT), Thailand** establishes an understanding between AIT & PU for student exchange programmes, holding of joint international conferences, workshops, seminars etc.

An academic alliance with **Hanyang University (HU), Korea** enables cooperation between HU and PU for deriving mutual advantage in their pursuit of higher learning and exposure to each other’s programs.

**i-Nurture Education Solutions Pvt. Ltd.**, a pioneer in Animation, Creative Management, Information Technology, Mobile Application Technology and Financial Services in India. i-Nurture as a knowledge partner in Poornima University, aims to provide latest IT Industry update. The students can aspire towards job oriented reliable ride in visual media industry.

Poornima University enjoys advantage of smart classrooms empowered by **Pearson DigiClass**. Pearson’s highest quality e-textbook content, flexible offering allows the advantage of a convenient and fully digital way for teaching and learning.

A Tie-Up with leading education service provider **Career Launcher India Limited (CL)** aims at training Poornimites to face global challenges posed by the recruiters. The training includes practice sessions, for aptitude & group discussion technical trainings, motivational & inspirational sessions by corporate trainers.

The **National Cadet Corps (NCC)** aims at developing character, comradeship, discipline, a secular outlook, the spirit of adventure and ideals of selfless service amongst young citizens. Poornima University breeds the same quality in its students through NCC advantage.

The **Indian Society of Lighting Engineers (ISLE)** is a professional body in the field of illuminating engineering. The student Chapter of ISLE in Poornima University fills the gap between academia & industry.

**Wipro Mission10X** was launched to impart knowledge with innovative methodologies to address the challenges of employability in professional education. Poornima faculties are trained by Wipro’s MISSION 10X.
Courses Offered

Ph D
Engineering, Management, Commerce, Humanities, Applied Sciences etc.

School of Engineering and Technology (SET)
Under Graduation (4 Years)
B. Tech. (Civil, Computer, Electrical, Electronics & Communication and Mechanical Engineering)
Post Graduation (2 Years)
Dual Degree (5 Years)
B. Tech. + M. Tech. (All Branches)
B. Tech. + MBA (All Branches)

School of Planning & Architecture (SPA)
Under Graduation (5 Years)
B. Arch.

School of Management (SOM)
Under Graduation (3 Years)
BBA (Pass Course)
Post Graduation (2 Years)
MBA (Banking, Finance, Marketing & Human Resource)
Dual Degree (5 Years)
BBA + MBA (All Branches)

School of Commerce (SOC)
Under Graduation (3 Years)
B. Com
B. Com. (Honors)
Dual Degree (5 Years)
B. Com + MBA

School of Basic & Applied Science (SBA)
Under Graduation (3 Years)
BCA
BCA (IT-IMS & Cloud Technology)
BCA (Mobile Apps. & Information Security)
BFA (Animation & VFX)
Post Graduation (2 Years)
M. Sc. (IT-IMS & Cloud Technology)
M. Sc. (Mobile Applications)
Schools
School of Engineering & Technology (SET)

Engineering is a profession of immense scope. From Mechanical and Civil Engineering to Computer Engineering, from Electrical Engineering to Electronics Engineering, the career opportunities are endless.

School of Engineering and Technology at Poornima University is running five departments at UG level, i.e. Civil, Mechanical, Computers, Electrical & Electronics and Communication. Multidisciplinary SET develops ability to solve engineering problems with an understanding of professional and principled responsibilities. A wide open spirit of knowledge, exploration, academic integrity, accountability and promotion of intellectual excellence makes School of Engineering & Technology distinct from the rest. Inimitable programs of School of Engineering and Technology

Professional Certificate Courses (PCC)
To keep the students updated with the latest job oriented skills, each student gets an opportunity to pursue one professional Certificate course from the basket of technical certificate courses offered by the Department in 4th, 5th, 6th and 8th semester.

Talent Enrichment Program (TEP)
Various clubs are running efficiently under the head of TEP to give students opportunities to enhance their skills in their interest areas. These clubs focus on group activities to enhance various skills like team work, time management etc in the innovative and amusing manner. TEP includes following technical and extracurricular activities:

- Non Syllabus Projects
- Technical Clubs- Software/ Robotics Club/ CAD/Energy Club Etc
- Activity Club- Rhetoric(Anchoring, Debate, Poetry, Speech, Presentation)/ Literary/ Sports/ Fine Arts/ Social Services/ Vocalist Club/ Cinematography
- Aptitude/ Campus Recruitment Training
- Internet/ Library- to acquaint students with learning skills

Highlights of the schools
Various Activities were planned and executed by various departments throughout the year some of big events are as follows:
- Orientation Program
- Faculty induction training by NITTTR
- National Seminar by ISTE and ISLE
- UDBHAV- Project Exhibition & Competition
- PRAYOGAM- Project Competition

In comparison to previous year the school of engineering and technology has made a magnificent growth. Many new labs have been developed for research and development like meteorological lab, water testing lab, computer network lab etc. PhD & PG programs encourage academia and professional bonding for UG students. The seniors provide seed for juniors to inculcate investigative attitude. Our students have also made us proud. Many students have presented paper in national conferences; our students have won many prizes in projects at various institutions and have shown their talent in various areas.
Department of Computer Engineering

Department day

A University provides many courses to its students. Generally these courses are categorized in departments. Each department has its specialty and importance. Everyone wants to celebrate its specialty.

CE department celebrated its first Department Day on 1st March 2014, with all its students and faculties. The day started with the inauguration by Mr. Manish Srivastava, Sr. Manager, NTPC, New Delhi, Dr. K.K.S. Bhatia, president, Poornima University, Dr. Manoj Gupta, Provost, Poornima University which was followed by Ganesh Vandana. The department newsletter ‘Poornima Communiqué’ was released by the chief guest and dignitaries. Every student was feeling proud to be in CE department. This was the day when each student wanted to give his full effort to make this day successful.

After the inauguration, a group photo of CE department was taken, and then the celebration time had started. Exhibition of projects made by brilliant students of CE department was visited by guests. A department presentation and a documentary were presented to showcase our entity and feel proud about it. Many competitions and fillers were organized to celebrate this day, and the stars of CE department were awarded. This department day was supported by faculties and student coordinators to make it successful. Department day was really unforgettable.

Clubs

In Poornima University, there are different clubs in each department to promote departmental activities. CE Department has a club named “Technocrat”. This first official club of CE Department was inaugurated on September 12, 2013.

The objectives of this co-curricular club is to enhance the educational values, develop social spirit, character training education for leadership, development of civic virtue, team spirit, physical development and to improve discipline.

This club includes six main activities namely C programming, Debugging, Website development, Quiz, PowerPoint presentation, and Adventure. The participation of students in club activities was exemplary and commendable. This program is set keeping in mind both technical and non-technical aspects.

Professional Certificate courses (PCC)

To meet the needs of current IT Industry, Computers department has started three certification courses in 4th semester in association with different industries.

<table>
<thead>
<tr>
<th>Module</th>
<th>Company</th>
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<tbody>
<tr>
<td>Cyber Security &amp; Ethical hacking Professional (CSEP)</td>
<td>Center for E-Governance (CEG)</td>
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<tr>
<td>Dot Net Technology</td>
<td>Center for E-Governance (CEG)</td>
</tr>
<tr>
<td>Web Site Designing</td>
<td>Matrix Computers (Aryan Infomatrix Pvt. Ltd.)</td>
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Seminars and Workshops

Building Technology Ventures: National Entrepreneurship Network has its Entrepreneurship Development Cell in Poornima Institute of Engineering and Technology under the name “KRYPTON”. NEN conducted a 3 day workshop on “Building Technology Ventures” in Poornima University from October 3rd-5th, 2013. The objectives of the workshop were to integrate entrepreneurship with engineering education, successfully commercialize innovations, build business model, write business plans and raise funds for technology-based ventures and capture value from knowledge by protecting intellectual property rights.

Introduction of mobile application: Webinar on “Introduction of mobile application development with IBM Worklight by Chethan Kn Settipalli under the program of “TGMC-2013-for-Mobility”. (19th Feb 2014)

Workshops attended by faculty:
- **Ubuntu Workshop (22-08-2013):** Ms. Shikha Gautam, Ms. Swati Agnihotri, Ms. Somya Saxena
- **SPSS Workshop (10-09-2013):** Ms. Shikha Gautam, Ms. Swati Agnihotri, Ms. Jyoti Bahl
- **NEN Workshop (15-10-2013):** Mr. Prashant Hemrajani
- **Research Methodologies (22-23 November, 2013):** Ms. Shikha Gautam, Mr. Dharmesh Santani

Student Speaks

It is crucial to take part in National and International conferences, as they not only provide experience, but also improves our resume. I have participated in two national conferences NSAWOA and COMPUTATIA. Poornima University provided me this platform to avail this opportunity. Our University provides fund and resources for participating in such events and moreover, one can take help from faculty all the time. Poornima University inspired me and created awareness about such conferences. They even have a provision to present paper in Non-syllabus project. I have got my paper under review and all because of encouragement and platform, which Poornima University provided me.

By participating in such conferences, I learned many things like how to present a research paper and what other aspects we need to take care of. There are varieties of innovative ideas and new technologies I came to know about, and most of all I got the opportunity to meet highly qualified dignitaries and share my ideas with them. The experience and knowledge I gained there would prove to be useful time.

Shivam Modani
CE-A, II Year
Industrial Training

The Training & Placement cell of Poornima University organized a ‘Short Term Industrial Training’ in reputed Companies for 15-20 days during Semester break of 2nd year students. Students demonstrated their strong will to learn and get an exposure of real time training, which brought them this opportunity. 15 students from Computer Engineering discipline were selected for companies like Avyukta Intellcall Consulting Private Limited, A2Z Ltd, Gayatri Infotec, etc.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Students</th>
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<tbody>
<tr>
<td>Avyukta Intellcall Consulting Pvt. Ltd.</td>
<td>Charu Dubey, Magendra Singh</td>
</tr>
<tr>
<td>A2Z Ltd.</td>
<td>Ayushi Agrawal, Rishabh Jha, Rohit Jain</td>
</tr>
<tr>
<td>Gayatri Infotec.</td>
<td>Deeksha Sisodiya, Sandeep Jangir, Shubhani Jain, Sidhant Rajora</td>
</tr>
<tr>
<td>Lucideus</td>
<td>Utkarsh Mishra, Rashmi Pareek</td>
</tr>
</tbody>
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Achievements

FACULTY

Jyoti Bahl

Mona Batra
- Published a paper on 'Formal Methods in Requirements Phase of SDLC' in International Journal of Computer Applications (IJCA), Volume 69, PP 7-14, 2013.
- Published a paper on 'Security Metrics: Requirement Phase Perspective' in International Journal of Modern Computer(IJMC), Volume 1, PP 1-5, 2013.

Prashant Hemrajani
- Paper on 'Optimizing the efficiency of watch-dog ids in manets using selfishness information and bayesian filtering' accepted in IJARCSMS
Publication, Gujarat, 2014
- Published a paper on ‘Security Issues of Cloud computing’ in the proceedings of National Conference on Cloud Computing Trends at Maharishi Arvind Institute of Engineering and Technology, 2013

Tanushree
- Published a paper on ‘Table Detection & Extraction From Image Document’ in IJCTOT-201, Volume 3, PP 27-27, 2013
- Published a paper on ‘Hide and Seek: An Introduction to Steganography’ in the proceedings International Conference On Techno Global Issues: Expansion, Impacts & Challenges-2013 Biyani College Of Engineering, Jaipur

Priyanka Nair
- Published a paper on ‘Women Entrepreneurship-

Sneha Asopa
- Published a paper on ‘Visualization of Chaff Cloud Dynamic RCS’ in 7th Annual Conference ATMS-2014 at S.R.M. University, Chennai, India

Neha Sharma
- Published a paper on ‘The Impact of Linux (Free Open Source Software) in spoken tutorial a part of MOOC’ in IEEE Explore at PIET, 2013.

Bhanu Pratap Singh
- Published a paper on ‘Web Classification Using DYN FP Algorithm’ in International Journal of Electronics and Computer Science & Electronics.

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**STUDENTS**

- Shubhani Jain, Sankalp Shrivastav, Rashmi Pareek, Shubham Agrawal, Gargi, Shivam Modani, Rohit Singhvi
  Published a research paper on “System Security and Ethical Hacking” in 3rd National conference COMPUTATIA at VIT, Jaipur.

- Sandeep Jangir, Sankalp Srivastav
  Published a research paper in National Conference on Engineering Technologies in Computer Engineering SKIT, Jaipur

**Special Lectures**

<table>
<thead>
<tr>
<th>Date</th>
<th>Session Topic</th>
<th>Session By</th>
</tr>
</thead>
<tbody>
<tr>
<td>25th January 2014</td>
<td>Super Club</td>
<td>Amit Khuswaha, Director, Jabong.com</td>
</tr>
<tr>
<td>25th January 2014</td>
<td>ER Diagram</td>
<td>Paras Basi, Asst. Professor, PIET</td>
</tr>
<tr>
<td>11th February 2014</td>
<td>Software Engineering</td>
<td>Shyam Sunder Agarwal</td>
</tr>
<tr>
<td>18th February 2014</td>
<td>Computer Architecture</td>
<td>Dr. Ajay Khunteta</td>
</tr>
<tr>
<td>5th March 2014</td>
<td>Critical Section</td>
<td>Paras Basi</td>
</tr>
<tr>
<td>8th March 2014</td>
<td>DBMS</td>
<td>Jitender Kothari</td>
</tr>
</tbody>
</table>

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Department of Electrical and Electronics & Communication

Department Day
The Electrical and Electronics Department of Poornima University celebrated its first department day on 28th February 2014. The programme gave a good platform to the students to unveil their talent. It was a day to commemorate the journey of EC and Electrical department so far. The chief guest for the inaugural ceremony was Mr. Naveen Agrawal, IES, Indian Railways (Jaipur). Dr. K.K.S. Bhatia, President, Poornima University and Dr. Manoj Gupta, Provost, Poornima University also graced the occasion. The event commenced at with the welcome and felicitation of the chief guest by Dr Manoj Gupta. Mr. Naveen Agrawal delivered a speech which motivated the students to do better in their future. He directed the students to improve their general awareness, aptitude and English. He highlighted the importance of understanding the basic concepts of a subject instead of cramming it. He further added that ‘Achieving a goal is not a big deal if you are ready to work hard, dedicating yourself competently’. Thereafter, the dignitaries released the Department Newsletter ‘Electro – Chronicle’.

After the inaugural function, project exhibition started and various projects were displayed. Several competitions of debate, essay writing, painting were organised. In the cultural section various drama, dances and songs were showcased by the students. In the end award ceremony took place and winners of various events were given the awards. Department day turned out to be a success.

Clubs
- Technical Club (Circuitzz) - The aim of this club is to enrich the technical knowledge of students. This club envisages conductive platform to explore student’s latent talents and also to enable them to come out with their innovative ideas.
- Social Club - The aim of this club is to serve the society and mankind. Various activities organized under this club are blood donation, tree plantation & awareness campaign.
- Energy Club - An initiative by Department of ECE & EE to promote energy awareness in the college community and to explore solutions that meet society’s energy requirements.

Professional Certificate courses (PCC)
There are 3 modules running in Electrical and EC Department of School of Engineering and Technology. The purpose of these courses is to enhance the technical skills of the students, to enhance their employability and to impart training on latest trends and technologies commonly employed in current scenario.

<table>
<thead>
<tr>
<th>Module</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Course on Embedded Systems</td>
<td>M/s. Kaizen Robeomics Pvt. Ltd., Jaipur</td>
</tr>
<tr>
<td>Real life Aspects of Electrical and Electronics Engineering</td>
<td>SPL mode (by different Experts)</td>
</tr>
<tr>
<td>MATLAB and its Applications</td>
<td>In house by Dr. K. C. Roy</td>
</tr>
</tbody>
</table>
Seminars and Workshops

Robotics: To create interest in project making & impart basic knowledge of robotics, the department has organized a 6-day technical workshop on Robotics from 27th August to 2nd September 2013 at Poornima University. The topics covered in this workshop were basics of microprocessors and microcontroller, embedded system and robotics.

PLC & SCADA: The department also organized a 6-day workshop on PLC & SCADA from 27th August to 2nd September 2013 at Poornima University.

Workshops attended by faculty

- **SPSS Tool (29th August, 2013)** - Mrs. Sweta Tripathi, Mr. Devendra Somwanshi
- **ISENSE-Wireless Sensor Network (11th-12th October, 2013)** - Mr. Gaurav Soni, Mrs. Sweta Tripathi, Mr. Devendra Somwanshi
- **Research methodology (22nd-23rd November, 2013)** - Mr. Pankaj Gakhar, Mr. Gaurav Soni, Dr. K.C Roy, Mr. Sanjay Sharma, Mr. Devendra Somwanshi
- **PLC & SCADA (30th November, 2013)** - Mr. Pankaj Gakhar
- **Mission10X (18th-20th December, 2013)** - Mrs. Sweta Tripathi, Mr. Devendra Somwanshi
- **Principles & Practice of learning for effective teaching (20th-22nd December, 2013)** - Mr. Gaurav Soni
- **Exploring Engineering Education Research (20th-22nd December, 2013)** - Mr. Gaurav Soni
- **Engineering & Science Innovation Summit, conducted by National Instruments (12th April 2014)** - Mr. Gaurav Soni and Mr. Pankaj Gakhar

Student Speaks

Professional Certificate Course (PCC) is a unique and great initiative by Poornima University. It is a certification course which provides an excellent opportunity for individuals, who want to explore more apart from their curriculum.

This course provides a mark of distinction that encourages professional development in this global world and risk analysis while expanding knowledge. It ensures employability and enhances the technical skills of students pertaining to their areas of professional interest. For every department various PCC are running.

There is no ending of the advantages of PCC. PCC helps in acquiring technical skills which are needed for Industry oriented world, exploring personal interests, expanding technical horizons and imparting required proficiency for career advancement. It opens one from inside and offers unrivalled opportunities and job prospects. Mental stimulation is increased by the classes of PCC which makes the students’ mind more intelligent. It keeps us updated with the job oriented world.

Rahul Jain  
EC, II Year
Industrial Training

12 students were selected by Training and placement cell for training in Enertrak Metering and Redatron during semester break. The list of the selected students is given below:

<table>
<thead>
<tr>
<th>List of students who attended Industrial training</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE (Enertrak Metering)</td>
</tr>
<tr>
<td>Pooja</td>
</tr>
<tr>
<td>Gulzar Khan</td>
</tr>
<tr>
<td>Jaya Sharma</td>
</tr>
<tr>
<td>Kunal Saini</td>
</tr>
<tr>
<td>Surbhi Gupta</td>
</tr>
<tr>
<td>Veenu Chainani</td>
</tr>
<tr>
<td>EE (Redatron)</td>
</tr>
<tr>
<td>Anurag Shrivastav</td>
</tr>
<tr>
<td>Sandeep Singh</td>
</tr>
<tr>
<td>Aman Singhal</td>
</tr>
<tr>
<td>Suraj Kr. Jangid</td>
</tr>
<tr>
<td>Arjun Kr. Gupta</td>
</tr>
</tbody>
</table>

Industrial Visit

Visit to Tilonia: Students from ECE & EE department were given an opportunity to visit Barefoot College, Tilonia in Ajmer District. The aim of the visit was to examine and explore the ways to achieve academic excellence through innovative technologies and methodologies such as Solar Plants, Biogas Plants, and Drip Irrigation etc. The Barefoot College is a non-governmental organization that has been providing basic services and solutions to problems in rural communities, for more than 40 years, with the objective of making them self-sufficient and sustainable. The college has trained more than 15,000 women in jobs that made them self-dependent. The students also learned how to work as a team altogether. The Faculty Coordinators for the visit were Mr. Pankaj Gakhkar & Mr. Sushil Jain.

Student Speaks- Visit to GSS: Electrical & Electronics Dept. organized a visit for students on ‘Repairing and Troubleshooting’ at GSS, Near Mahindra SEZ, Kalwar. The rating of the GSS was 240/33 KVA. GSS is provided supply from Duni and Heerapura Power house. We visited the whole area under the GSS and grabbed knowledge about all equipments used. JEN of GSS Mr. A.P. Vishnu explained the working of all components, equipments and transformers in detail. The JEN also explained the concept and difference in grounding and earthing. The visit was a great experience and knowledgeable for students.

Suraj Kumar Jangid
EE-B, II Year
Special Lectures

<table>
<thead>
<tr>
<th>Date</th>
<th>Session Topic</th>
<th>Session By</th>
</tr>
</thead>
<tbody>
<tr>
<td>28th Oct, 2013</td>
<td>Transients in Circuit Analysis subject</td>
<td>Mr. Ashok Agarwal, Associate Professor, MNIT, Jaipur</td>
</tr>
<tr>
<td>28th Oct, 2013</td>
<td>Numerical Analysis in Mathematics</td>
<td>Dr. Ruchika Mehta, Associate Professor, GIT, Jaipur</td>
</tr>
<tr>
<td>26th Oct, 2013</td>
<td>Bilinear Transformation in Mathematics</td>
<td>Dr. Jugal Kishore Prajapat, Professor, Central University, Kishangarh</td>
</tr>
<tr>
<td>19th July, 2013</td>
<td>Usefulness of SCADA</td>
<td>Mr. Sharad Pustake, Associate and In-charge, e-Governance at Nagpur Municipal Corporation</td>
</tr>
</tbody>
</table>

Achievements

FACULTY


- **Mr. Pankaj Gakkhar** published a paper on ‘Women Entrepreneurship: Finding Voice and Vision’ in IOSRJBM.

Raman Lab: Raman lab is an initiation by the department of ECE and Electrical, to encourage the students for research & innovation. Facilities like circuit simulation, testing & trouble shooting & PCB manufacturing are available in this lab. Lab is well structured with many sophisticated instruments. The coordinators of Raman Lab are Mr. Purushottam Kumawat and Ms. Rishika Sethi.

**Important Links**

- elt.oup.com/learning_resources
- languageguide.org/english
- gcflearnfree.org/everydaylife
- Freepatentsonline.com
- Science Commons.org
- Scopus.com
- Acronym Finder.com
- EurekAlert.org
- eFunda.com
- ResearchGate.net
- Scopus.com
- Acronym Finder.com
- EurekAlert.org
- eFunda.com
- ResearchGate.net
Department of Mechanical Engineering

Department Day
The Department of Mechanical Engineering, Poornima University celebrated its very first Annual Department Day on 26th February 2014. The chief guests for the inaugural ceremony were Mr. Neeraj Khetawat & Mr. Ankur Kapoor; dignitaries from BOSCH, Jaipur. Dr. K.K.S.Bhatia, President, Poornima University and Dr. Manoj Gupta, Provost, Poornima University also were a vital part of the program. Department Newsletter ‘Poornima Contrivance’ was released by the chief guests and the dignitaries. Various competitions were held for the mechanical engineering students during the whole day like Quiz competition, Debate competition, Singing competition and Poetry competition. The main attractions of the day were ROBORACE & UDBHAV (Project Exhibition). At the end, Award ceremony was held in which prizes for different competitions were distributed by the Dr. Manoj Gupta & various faculties of the Mechanical Engineering department.

Clubs
Mechnovators Club of mechanical department encompasses the events and practices that are related to automobiles sector and robotics sector to enhance the skills of the students. In this club students mainly emphasize on the activities pertaining to practical skills related to these fields. The focus is on the skills that are related to the theory subjects. Projects related to automobiles and robotics are made & designed by students in an exemplary way showcasing their talent. This club intends to make the students capable of participating in competitions like Baja, Supra, Eco-marathon, Go-karting and Tsa-Vex

Professional Certificate courses (PCC)
To develop an ability to design a system, components, or process to meet desired needs of manufacturability, and sustainability in mechanical engineering the PCC options are:

<table>
<thead>
<tr>
<th>Module</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic Product Development and Manufacturing</td>
<td>CIPET</td>
</tr>
<tr>
<td>Working and Maintenance of Automobiles</td>
<td>In house by Mr. Amit Mandal &amp; Mr. Devendra Rijhwani</td>
</tr>
<tr>
<td>Reverse Engineering with CAD/CAE</td>
<td>In house with (through CAD/CAE Mr. Ashwani Kapoor)</td>
</tr>
</tbody>
</table>

Workshops and Conferences attended by faculty
- Mr. Pushpendra Kumar attended 2 days conference on “Energy efficiency in Building” at Poornima College of Engineering on 16th & 17th September 2013.
- Mr. D.L. Suthar participated in International conference on “Special Function & Their Application” at MNIT, Jaipur.
- Mr. Devendra Rijwani & Mr. Mukesh Kumar Saini attended conference on “MOOC, Innovation & Technology in education” at Poornima Institute of Engg. & Technology.
Industrial Training

List of students selected for training during semester breaks. The list of the selected students is given below:

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPH</td>
<td>Nikhil Choudhary, Ritesh Kumar Pathak</td>
</tr>
<tr>
<td>NBC</td>
<td>Ankur Dalmia, Shubham Mangal, Vishal Goyal, Vikas Kumar</td>
</tr>
<tr>
<td></td>
<td>Yadav, Chandan Kumar, Karunik Shringi</td>
</tr>
<tr>
<td>Hindustan Zinc Ltd.</td>
<td>Shivdarshan Rathore</td>
</tr>
<tr>
<td>Bokaro Thermal Power Station</td>
<td>Sonu Kumar</td>
</tr>
<tr>
<td>Moon Textile Manufacturingk</td>
<td>Yadav Radhe Shyam</td>
</tr>
</tbody>
</table>

Industrial Visits

- Sanga Motors, Jaipur
- CIPET, Jaipur
- PCE Bus-Workshop

Special Lectures

<table>
<thead>
<tr>
<th>Session Topic</th>
<th>Session By</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Science</td>
<td>Mr. Amit Sharma of JNIT</td>
</tr>
<tr>
<td>Engineering Thermodynamics</td>
<td>Mr. Amit Mandal of Poornima College of Engineering</td>
</tr>
<tr>
<td>Thermal Engineering &amp; Fluid Mechanics</td>
<td>Mr. Hemant Kumar Gupta of MNIT</td>
</tr>
<tr>
<td>Mathematics.</td>
<td>Dr. Krishna Gaur of Bansthali University</td>
</tr>
<tr>
<td>Machine Design.</td>
<td>Mr. Rohit Sharma of Aanand University</td>
</tr>
<tr>
<td>Auto-mobile</td>
<td>Mr. Trilok Saini of Sanga Motors Pvt. Ltd</td>
</tr>
<tr>
<td>Plastic Technology.</td>
<td>Mr. A.K. Joshi of CIPET</td>
</tr>
</tbody>
</table>
Department of Civil Engineering

Department Day
The first department day of Civil Engineering was celebrated on 11th April, 2014. The inauguration was followed by Ganesh Vandana and lighting of lamps by Chief guest Dr. M. Raisighani (Vice Chairperson, VGU), Dr. K.K.S.Bhatia (President, Poornima University), Mr. Rahul Singh (OSD, Poornima University), Mr. Pankaj Dhemla (Civil coordinator, PGC), Mr. Sanjay Mundra (HOD, PCE) & Ms. Ramaa Singh (HOD, Poornima University).
Ms. Ramaa Singh welcomed all the dignitaries and presented a Semester Report, containing the analysis of 3rd semester results, student analysis and Smart classes taken by faculties in the whole semester. Dr. K.K.S.Bhatia, addressed all the Civil engineers. He draw the attention to the importance of department day celebration. He galvanized the students with the thought that excellence, righteousness and positive approach leads to the achievements in life. The inaugural function followed by the semester on campus and off campus activity presentation, which was presented by 8 students and also the release of department newsletter. In session 2013-14 the department got opportunities to do various activities which included survey camp as well as the daily observation of Meteorological Observatory.
After the inaugural function, many cultural activities were showcased by the students of civil department.

Social Club
2013: In 2013, under the guidance of Ms. Ramaa Singh (HOD, Civil Department), the Social Club of Department has organized a social visit at Mohanpura. Faculty in-charges were Dr. Shilpi Sexena and Ms. Lalita Paneri. A team of 15 students went for a visit and the motive was 'Go Green'. A power point presentation was given to the school students on environment, hygiene, water and energy sources. A quiz was conducted which was retained and enjoyed by the school students. Some books were given as rewards to students who were radical in approach. Some CFL’s were also given to school.
2014: In 2014 social activity was consummated at survey camp site, Chandwaji. The adage of the camp was Sharv Sihsha Abhiyan & Matadan Jagrukhta. Students were accompanied by three faculty members, Mr. Shree Prasad Shukla, Ms. Nandini Joshi and Mr. Vikas Choudhary. There students interacted with the villagers, went to a government college and created awareness among students. Social club members also spurred students to teach, and motivated villagers to vote and understand their powers and their rights.

Professional Certificate courses (PCC)

<table>
<thead>
<tr>
<th>Module</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop on total station</td>
<td>Er. Sumit Sharma (The Horizon Architects)</td>
</tr>
<tr>
<td>Design and construction of high rise building</td>
<td>Ar. Manish Kumar</td>
</tr>
<tr>
<td>Building planning and design lab</td>
<td>Ms. Ramaa Singh</td>
</tr>
<tr>
<td>Hydrology</td>
<td>Dr. KKS Bhatia</td>
</tr>
<tr>
<td>Structure</td>
<td>Ms. Suchi Sharma</td>
</tr>
<tr>
<td>Geology</td>
<td>Dr. Pran Dadhich</td>
</tr>
<tr>
<td>Construction Technology</td>
<td>Ms. Priyansha Mehra</td>
</tr>
</tbody>
</table>
Workshops

Contrivia
Department of Civil engineering, Poornima University organised its first technical activity based workshop on “Basics of Civil Engineering - Contriva 2013” on 14th and 15th of October 2013.
The objective of this technical activity was to provide students a platform to have a pragmatic learning experience i.e. ‘Learning by Doing’. Various technical activities like brick bonding and laying, derivation of different theorems practically in fluid mechanics, Helipad designing, a technical visit where casting of Raft Foundation was seen by group of students. A workshop on C Programming was also conducted where students solved various problems taking examples on real life based on numerical analysis. Quiz on these activities was also conducted.

Tours
- Ready Mix Concrete Plan (ACC Cements, VKI, Industrial Area, Jaipur)
- Case study on Green Building
  1. Pearl Academy, Kukas
  2. Jaipur Central, Jaipur
- Centre for development of stone (CDOS), EPIP Gate, Sitapura, Jaipur

Survey Camp
Department of Civil Engineering successfully conducted a six days Survey Camp for 2nd year students of Civil Engineering from 20 Feb. 2014 to 25 Feb. 2014 as the compulsory part of the University academic curriculum for 4th semester (Civil Engineering).
This camp was aimed to groom civil engineering students with essential knowledge and exposure to the real work, despite encourage leadership and teamwork skills. These types of survey camp results in encouraging and supporting students, emerging as a leader in several areas of academic provision.
The six days camp was divided into two phase in 1st phase 4 days were for field work at Chandwaji and in 2nd phase 2 days for Calculation, Result analysis, Presentation and closing ceremony was organized at University Campus.
Students were divided into 12 groups of 14 - 15 students monitored by faculty coordinator. During four days of field work students were also engaged in social activity.
In the camp students of Civil Engineering Department learned all the technical aspects which are required in Surveying. 8 exercises were performed in 4 days. The day wise schedule was provided with student and faculty co-coordinators. From 9:00 am to 4:30 p.m. students were engaged in performing exercises in timed schedule.
On 24th February students complete their calculations work, which was again the whole day work. On 25th, group wise viva and presentation was checked by the faculty members of department. The best 3 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 out for their outstanding performance. At last closing ceremony of Survey camp is done. All the students were addressed and encouraged by Dr. K.K.S. Bhatia (President), Mr. Shashikant Shinghi (Director General), and Dr. Manoj Gupta (Provost). External Judges Mr. Bhupendradra Vishnalia, Mr. Kamlesh Saini and Mr. Jagendra Singh were invited to jury session for the evaluation of best group and student of Survey Camp. The management supported the department for the successful conduction of survey camp.
Compass Surveying

Compass surveying exercise was planned for the student of II year Civil Engineering Students in college campus (Parking Lot, Basketball Court, Admission Cell and Central Court). The objective was to find the area of different locations in compass traverse and magnetic bearings of traverse stations. Pertaining to the objective, students were given different locations and they surveyed the area using surveying instruments in traversing form. The exercise was in a form of competition and the department selected one team as winner and 2 teams as runner ups to create an interest among the students. The entire activity was guided by Ms. Ramaa Singh, Mr. Saurabh Singh, Ms. Lalita Paneru, Mr. Sharavan Kumawat and Mr. Brahamand Bairwa.

**Winning Team** : Yogesh Bhatti & Team (Sec-C)
**Runner up Team** : Lalit Choudhary & Team (Sec-B)
                      Kuldeep Singh & Team (Sec-A)

Student Speaks

On 15th July, a surveying activity was organized by our department. In this activity we did a survey of our college campus which included parking lot, basketball court, admission cell and central court. Our section was divided into four teams and each team was provided with the necessary equipments like chain, ranging rods, metric tape, prismatic or surveyor’s compass etc) to perform the activity in an organized manner under the time limit of 3 hours.

The teachers helped us to perform the activity in a better way. Overall the entire activity was fun and educational and it helped us to learn the technical knowledge of our field. We are grateful to our faculty members and really glad to have the opportunity to be a part of this activity.

Hemant Singh Rathore
Civil-A, II Year
Workshops and Conferences

- **Ms. Rama Singh** has attended a workshop on Sustainable Architecture and 3D modeling in Institute of Engineers (INDIA) in association with CAD centre.
- **Ms. Rama Singh** has attended International Conference “Green Building” held at IIT Bombay.
- **Mr. Saurabh Singh** has attended International Conference “Green Building” held at IIT Bombay.

Achievements

FACULTY

- **Mr. Saurabh Singh**: Stood First in International IEEE Poster Presentation held at BITS Pilani.
- **Dr. Shilpi Saxena**: Gave a talk on “Mathematics on Planet Earth” in Third National Conference on Computational and Mathematical Sciences, on November 25th and 26th November in VIT Jaipur.

STUDENTS

<table>
<thead>
<tr>
<th>Name of the Student</th>
<th>Achievement Area</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sumit Kumar Bhamu</td>
<td>First Prize worth Rs. 8000 in DAM CONSTRUCTION</td>
<td>MNIT, Jaipur.</td>
</tr>
<tr>
<td>Vijay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vishal Digiwal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vishnu Jangir</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vishnu Kumawat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rituraj Biswas</td>
<td>First Prize in Instrumental</td>
<td>MDS University, Ajmer.</td>
</tr>
<tr>
<td>Lalit Choudhary</td>
<td>Second Prize in JTF</td>
<td></td>
</tr>
<tr>
<td>Kuldeep Manatwal</td>
<td>First Prize in Dance Competition</td>
<td>MDS University, Ajmer.</td>
</tr>
<tr>
<td>Arvind Singh Hada</td>
<td>First Prize in shot-put event</td>
<td>Balaji Technical Campus, Jaipur</td>
</tr>
<tr>
<td>Vijay</td>
<td>First Prize in International IEEE Poster Presentation on “Remote Sensing”</td>
<td>BITS Pilani</td>
</tr>
</tbody>
</table>
Department of First Year

Department Day
B. Tech. First year Department of Poornima University celebrated its first Department Day on 3rd March, 2014. Chief Guest of the function was Shri Shashikant Singh, Director General of Poornima Foundation and the invited guests were Dr. K K S Bhatia, President, Poornima University, Dr. Manoj Gupta, Provost and Dean (SET & SBA) Poornima University, Dr. N C Bhandari, Director, PG. Chief Guest of the event motivated the students by his real life experiences. The key message was that everyone has passion to achieve their goal but one should be determined about it to make it come true.
The morning session started with Lighting of lamp by the invited guests, which was followed by Ganesh Vandana. Thereafter First semester ‘semester report’ was presented by the First Year students. ‘Poornima Aspiration’ first newsletter of the Department was released. In middle session debate competition, seminar presentation, project presentation competition and Quiz for students on the theme ‘Energy conservation and sustainable development’ were held. The Department also exhibited the projects of hardware and software made by the Robotics club of TEP, during current semester.
The Closing ceremony was held in noon session with distribution of awards and certificates to the winners of Teachers Day and Department Day’s competitions.

Clubs

<table>
<thead>
<tr>
<th>Club Name</th>
<th>Branch</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literary Club</td>
<td>First Year</td>
<td>This club enhances the reading, writing, communication and personality development skills.</td>
</tr>
<tr>
<td>CAD Club</td>
<td>First Year</td>
<td>This club enhances the use of CAD software.</td>
</tr>
<tr>
<td>Robotics Club</td>
<td>First Year</td>
<td>This club enhances the mechanical thinking and practical knowledge of students.</td>
</tr>
<tr>
<td>Cinematography Club</td>
<td>First Year</td>
<td>This club enhances the picture capturing skills of students.</td>
</tr>
<tr>
<td>Fine Arts Club</td>
<td>First Year</td>
<td>This club promotes creativity, self awareness, self esteem, motivation to improve their skills.</td>
</tr>
<tr>
<td>Sports Club</td>
<td>First Year</td>
<td>This club enhances the sports skills of student.</td>
</tr>
<tr>
<td>Vocalist Club</td>
<td>First Year</td>
<td>This club enhances the singing and dancing skills.</td>
</tr>
<tr>
<td>Social Club</td>
<td>First Year</td>
<td>Social club of Poornima University to promote social spirit among Student</td>
</tr>
<tr>
<td>Rhetoric Club</td>
<td>First Year</td>
<td>Rhetoric club enhances the speaking skills of student and promote them to speak in public and improve their presentation skills</td>
</tr>
</tbody>
</table>
Workshop Attended by Faculty

<table>
<thead>
<tr>
<th>S.No</th>
<th>Date</th>
<th>Workshop</th>
<th>Participation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>17 June to 21 June 2013</td>
<td>Short term Course on 'Characterization of Materials'</td>
<td>Dr. Sonu Sankhla, Dr. Pramod Kumar Awasthi</td>
</tr>
<tr>
<td>2</td>
<td>31 August 2013</td>
<td>National Seminar on Chemistry for Economic growth and Human Comforts</td>
<td>Dr. Sonu Sankhla, Dr. Pramod Kumar Awasthi</td>
</tr>
<tr>
<td>3</td>
<td>11 August 2013</td>
<td>Workshop on QUALNET</td>
<td>Sakshi Jain</td>
</tr>
<tr>
<td>4</td>
<td>18 August 2013</td>
<td>Wireless Network Sensor Workshop</td>
<td>Sakshi Jain</td>
</tr>
<tr>
<td>5</td>
<td>22 Nov to 23 Nov 2013</td>
<td>National workshop on “Research Methodology”</td>
<td>Ankur Sharma, Dr. Priti Kaushik, Sakshi Jain</td>
</tr>
<tr>
<td>6</td>
<td>22 April 2014</td>
<td>National Seminar on “Technology Advances &amp; Their Impact on Environment”</td>
<td>Dr. Priti Kaushik</td>
</tr>
</tbody>
</table>

Industrial Visits

The aim of the industrial visit conducted for the first year students are:

- To give exposure to actual working conditions.
- Make students aware with industry practices.
- Increase practical awareness of various industrial sectors.

<table>
<thead>
<tr>
<th>Section</th>
<th>Branch</th>
<th>Total Students</th>
<th>Industry Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ME/CIV</td>
<td>45</td>
<td>Saras</td>
<td>27/11/13</td>
</tr>
<tr>
<td>B</td>
<td>ME/CIV</td>
<td>51</td>
<td>Saras</td>
<td>28/11/13</td>
</tr>
<tr>
<td>C</td>
<td>ME/CIV</td>
<td>46</td>
<td>Dainik Bhaskar</td>
<td>30/11/13</td>
</tr>
<tr>
<td>D</td>
<td>CS</td>
<td>36</td>
<td>Dainik Bhaskar</td>
<td>29/11/13</td>
</tr>
<tr>
<td>E</td>
<td>EE/EC</td>
<td>35</td>
<td>Vikas Transformer Ltd.</td>
<td>30/11/13</td>
</tr>
<tr>
<td>F</td>
<td>BCA</td>
<td>17</td>
<td>Dainik Bhaskar</td>
<td>29/11/13</td>
</tr>
</tbody>
</table>

Achievements

STUDENTS

- Jaishree Malhotra - 1st prize in dance competition, MDS University
- B. Sagar - 2nd prize in Chess, Balaji College of Engineering and Technology
- Manish Chomal - 2nd prize in Table Tennis, Balaji College of Engineering and Technology
FACULTY

- **Ms. Ravika Vijay** has published 05 papers in international journals on dielectric properties of various fruits and vegetables at microwave frequency.
- **Ms. Sakshi Jain** has presented a paper on Black hole attack at ASCITEET international conference, JNU (Delhi).
- **Mr. Manoj Sharma** has completed M.Tech in Mechanical Engineering.
- **Dr. Dipti Mathur** has presented a paper on Biodegradable Plastics on NCPAS (National Conference on Pure and Applied Sciences), JNVU (Jodhpur).

MY FIRST DAY @ UNIVERSITY

My first day in the University started with the normal sunrise and routine activities; the sky didn't go green, nor the water red but my stomach still had butterflies fluttering in it. I put on chic attire and headed to my port of call of the next four years with my mum and aunt who left me after a small talk with the HOD. I glanced around; all I could see were new faces sharing my expression. Though the infrastructure was cool, I had yet to see the inside layout and classes. But soon my anxieties subsided, the orientation did more than make us relax, it made us homely. The teachers were very supportive and best of all was that I was able to make few friends. As soon as break was announced, I advanced to settle an ongoing curiosity-“the canteen”, and it looked very inviting. As the hours tickled by, I could feel the dwindling thickness of the air; we were starting to chill out.

College life means a new beginning, a start over, all of us were at our best. As none of us knew each other, we could be who we ‘are’. Now after months in the university, I can see that the first day had laid the foundation of our perception and hard work by giving us a glimpse to our future. Life in University progressed all the more better, with the initial hesitation passed and the ice broken, we could enjoy classes’ together, meals in canteen, stolen time in garden...

Our seniors were all the more making us enjoy our post-school life, with ‘no ragging’; there wasn’t a need to seek guidance, as it was coming to us from all around. This was a time I felt lucky. Soon various activities and competitions got us involved, and truth to be told, I had never known earlier that I’m a good orator. And it was the same with all of us, our hidden talents were brought out in front. With my first year coming to an end, I look forward to progressing more, and also await my juniors. Let’s see if we could prove to be better seniors.

*Jincy C Joshwa*
CE, I year
School of Basic and Applied Sciences (SBA)

School of Basic and Applied Sciences equips students with technical knowledge, skill and ability; motivating them to think creatively, helping them to act independently and take decisions accordingly in all their scientific pursuits and other endeavors. It provides Project Trainings and additional academic activities to supplement basic curriculum and to enhance aptitude and skill of the students to increase employability.

As our Fourth Semester started on 6th January, 2014, now we are pleased to announce that we have started our new second semester successfully with lots of activities related to enhance the academics as well as personality growth. During 2013-14 session we have conducted Special lectures on various topics like Hashing Technique, Web technologies for increasing knowledge and lectures on core curriculum Subjects also like Programming in c, Foundation of Mathematics, Digital electronics. For the upgradation of the quality of academics we have conducted various Special lectures on operating system concepts, principles of programming languages, software engineering etc. At the closing stages of every Semester we have planed revision classes for theory subjects as well as Practical. Apart of this academic growth we have also focused on Professional Development of our students for this purpose we have organized Professional certificate courses like dot net, website designing and cyber security for the students. We have also conducted campus recruitment training program. CRT is a comprehensive program designed to train students for all the stages of Campus Recruitments. The program has different modules for written test or aptitude test, group discussions and personal interviews.

Workshops
Workshop By IIT Bombay Spoken Tutorial on Linux for BCA 4th Semester (17th Feb 2014)

Industrial Training

5 students from School of Basic and Applied Sciences were selected for training in reputed organizations, during the semester break.

<table>
<thead>
<tr>
<th>Students</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROSHAN KUMA BHAGAT</td>
<td>Avyukta Intelllicall Pvt. Ltd.</td>
</tr>
<tr>
<td>AASTHA VERMA</td>
<td>Avyukta Intelllicall Pvt. Ltd.</td>
</tr>
<tr>
<td>GAGAN SARAN</td>
<td>Avyukta Intelllicall Pvt. Ltd</td>
</tr>
<tr>
<td>Pradeep Singh</td>
<td>A2Z Pvt. Ltd.</td>
</tr>
<tr>
<td>Rishi Shukla</td>
<td>A2Z Pvt. Ltd.</td>
</tr>
</tbody>
</table>
Special Lectures

<table>
<thead>
<tr>
<th>Date</th>
<th>Year</th>
<th>Session Topic</th>
<th>Session By</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Feb 2014</td>
<td>BCA I</td>
<td>Asympotic Notations</td>
<td>Amit Kr Jha</td>
</tr>
<tr>
<td>14th Feb 2014</td>
<td>BCA II</td>
<td>JAVA</td>
<td>Praveen Jain</td>
</tr>
<tr>
<td>15th Feb 2014</td>
<td>BCA I</td>
<td>English(Question Tag and punctuations)</td>
<td>Dr. Lalit Sharma</td>
</tr>
<tr>
<td>15th Feb 2014</td>
<td>BCA I</td>
<td>Operators</td>
<td>Amit Kumar Jha</td>
</tr>
<tr>
<td>6th March 2014</td>
<td>BCA II</td>
<td>CriticalSection semaphores</td>
<td>Manish Bhardwaj</td>
</tr>
</tbody>
</table>

Achievements

STUDENTS

Kunal Paul | II BCA | Table Tennis (1st Prize) | Balaji Institute of Technology

STORY

Once there was a king who received a gift of two magnificent falcons. They were peregrine falcons, the most beautiful birds he had ever seen. He gave the precious birds to his head falconer to be trained.

Months passed, and one day the head falconer informed the king that though one of the falcons was flying majestically, soaring high in the sky, the other bird had not moved from its branch since the day it had arrived. The king summoned healers and sorcerers from all the land to tend to the falcon, but no one could make the bird fly.

He presented the task to the member of his court, but the next day, the king saw through the palace window that the bird had still not moved from its perch.

Having tried everything else, the king thought to himself, "May be I need someone more familiar with the countryside to understand the nature of this problem." So he cried out to his court, "Go and get a farmer."

In the morning, the king was thrilled to see the falcon soaring high above the palace gardens. He said to his court, "Bring me the doer of this miracle."

The court quickly located the farmer, who came and stood before the king. The king asked him, "How did you make the falcon fly?"

With his head bowed, the farmer said to the king, "It was very easy, your highness. I simply cut the branch where the bird was sitting."

We are all made to fly — to realize our incredible potential as human beings. But at times we sit on our branches, clinging to the things that are familiar to us. The possibilities are endless, but for most of us, they remain undiscovered. We conform to the familiar, the comfortable, and the mundane. So for the most part, our lives are mediocre instead of exciting, thrilling and fulfilling. Let us learn to destroy the branch of fear we cling to and free ourselves to the glory of flight!

Compiled by: Chirag Fulani
BCA, I Year
School of Management (SOM)

At a Glance:

The School of Management at Poornima University is emerging and evolving as a Centre of Excellence in imparting quality Management education in the region. Our aim is to translate knowledge into practice so that quality professionals, teachers and researchers can be produced and offered to society at large. The school aspires to create a platform where academic excellence, inspiring academic programs, research initiatives, creative work, world class pedagogy of international standards, are available for students to display their creativity and honing leadership skills. The thrust of teaching-learning strategies at the Department of Management at Poornima University is on the synthesis of what is modern and latest with the traditional and ancient, so as to develop holistic managers. We recognize that latent talent can be sculpted only by the perfect blend of theory and practice. It is said that ‘in theory, there is no difference between theory and practice, but in practice, there is’. The Courses offered by SOM aim at bridging this gap by exposing students to the realities of the Industry.

In a bid to cultivate practical exposure therefore, we undertake “Special Syllabus Programs” popularly called SSPs and capsule courses. The SSPs and capsule courses go a long way in making the students industry ready and also hone their abilities to crack various competitive examinations for getting cushy jobs in PSUs, banks (IBPS), civil services and examinations for entrance into renowned institutes like IIMs etc. Learning is reinforced with expert visiting faculty members coming to the campus to train and imbibe in our students the necessary skills and expertise to crack these examinations. Some of the thrust areas for the SSPs include: quantitative aptitude, reasoning, corporate communication and spoken English, financial awareness etc.

The department of Management is growing in stature in terms of variety and quality of graduating students. The department aims to maintain a near hundred percent recruitment record with students exceeding expectations of recruiters. Placements so far have been a testament of the ever increasing faith that the industry has on Poornima University and its students. The first pilot batch of MBA students shall be passing out by April 2014. The University is already seeing a beeline of companies wanting to recruit the outgoing student of our first batch and more are in the pipeline. Some students of the first MBA batch have already joined owing to the urgent requirement of the recruiting companies. The companies that picked up students from the outgoing MBA batch include Berger Paints, RAAS Capital, Advet Vedanta, GENPACT, AZZ InfoTech media, SBI Life, HDFC, Vardhman Group, Surabhi Electronics, FBSP among others. The untiring effort of the Universities’ training and placement department has ensured the long list of companies making a beeline to recruit the students. The package offered to the students has been inspiring, the highest package offered being in excess of Rs. 4 lakhs an annum and an average package of around Rs. 2.25 lakhs an annum.
Department day
The Department Day of the Schools of Commerce and Management was jointly celebrated on 12th April 2014, Saturday. The celebrations started at 9: AM in the Ground Floor, Seminar Hall at the PU campus. Prof. KKS Bhatia, President PU, Dr. Manoj Gupta Provost, Shri. Rahul Singhi, OSD attended the celebrations besides all students and faculty members. The celebrations started with lighting of the lamp by the dignitaries. Prof. Bhatia addressed the gathering and inspired the students to work hard and keep up with the changing world. He also shared with the students an inspirational incident from General Motors, USA. Dr. Manoj Gupta in his address stressed on the relevance and importance of management as a science in the modern world. He said that management is a science and shall play an important role in the success of modern businesses. Mr. Hariom Gurjar presented the departmental report for the session 2013-14. The departmental newsletter was also released by the dignitaries. The dignitaries were impressed by the placements bagged by the outgoing pilot batch of MBA students and congratulated the students, faculty members and the Department on the achievement.
The inaugural session was followed by the lunch break. The students assembled again after the lunch break. The post lunch session opened with a business quiz. The quiz being a knockout quiz was nail biting and students enjoyed to the hilt. After the quiz various competitions like bouquet making, face painting, and corporate presentation were organized. All the competitions and events were thoroughly enjoyed by the audiences.
Students of the schools of Commerce and Management gave various performances like dance, song, play etc. which enthralled the audiences. A departmental video of the year gone by made the students nostalgic. The winners of the competitions were awarded at the end of the celebrations.

Industrial Training
Industrial training is one of the most crucial phase of learning, because with industrial training one gets the opportunity to work in a pragmatic manner for the theoretical concepts he has learned in the classes. For us, this 2 month industrial training was just like a dream come true because all of us were provided very reputed companies to pursue trainings in.
I got the opportunity to pursue my training in the Steel Authority of India Ltd. (SAIL). SAIL is a Maharatna organization & getting trained in it, aggrandized my optimism & in turn my efforts to gain more knowledge. There, I came to know several marketing strategies, financial and human resource development terms and learned how to control the mass and make them get the target and achieve the goal. I went through a survey and research work on “Employee value Prepositions” which facilitated me knowing how the policies and ideas are generated from the survey and research work.
Carrying a professional bag and reporting on the scheduled time and then doing the job progressively, with lots of feedback sessions and sharing words of colleagues, make the practical learning like learning with fun.
In the end, I would like to extend my heartfelt thanks to Poornima University for providing me a platform and opportunity to take a step ahead in career.
Jai Jai Poornima Sansthan!!

Anand Prakash
MBA, II Year

A man attended an interview for a job. Along the corridor he picked up a piece and threw it into dustbin. The interviewer passed by and saw it. This man got the job.

**Moral of the story:** Live with good habits and you will be recognized.
My First Placement

Writing it, I would like to thank PU for the immense support it provided to me & all my batch mates in all the walks of the 2 years, we pursued our MBA here.

Being a student of the foundation batch of PU, in the very beginning I was pretty apprehensive & unsure about getting placed in any reputed company through the campus placements. But here in PU, we were provided the best of education & versatile skills, which developed our competencies & acumen.

It’s only because of the best corporate-ethics developed in us by PU that I got recruited in RAAS Capital, which is a reputed company in the sector. The attitude of humility & modesty, shaped by PU helps me a lot to perform my best in RAAS Capital. The thrust of teaching-learning strategies at PU is on the synthesis of what is modern and latest with the traditional and ancient, so as to develop holistic managers. Affable & technology-driven environment of the college proved to be very helpful in all the ways. Guest lecturers from the veteran statures also helped a lot.

Once again very thanks to Poornima University.

Jai Jai Poornima Sansthan!

Surendra Singh
MBA, II Year

| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Aadil naki pathan | Genpact | 30 | Saurabh Jangid | Hindustan Times |
| Ayaj kumar sharma | Genpact | 31 | Anand Prakash | Hindustan Times |
| Akhvin vishwanathan | Genpact | 32 | Ankit Jaiswal | Hindustan Times |
| Ankit jaiswal | Genpact | 33 | Abhishek choudhary | A2Z Pvt. Ltd. |
| Deepak kumar sharma | Genpact | 34 | Jitendra kumar | A2Z Pvt. Ltd. |
| Divya dixit | Genpact | 35 | Satish kumar dwivedi | A2Z Pvt. Ltd. |
| Kirti jain | Genpact | 36 | Rahul chaturvedi | NJ Group |
| Navneet trivedi | Genpact | 37 | Rahul saraswat | NJ Group |
| Palak bajjal | Genpact | 38 | Asad khan | Advet Vedanta |
| Rahul saraswat | Genpact | 39 | Ashif alam | Advet Vedanta |
| Sandeep kumar jani | Raas capital | 40 | Dharmveer kumar | Advet Vedanta |
| Abhishek bose | Raas capital | 41 | Divya dixit | Axis bank |
| Dinesh gehlot | Raas capital | 42 | Tapish lodha | Tradeindia |
| Kritika | Raas capital | 43 | Mrityunjay | Jivem Edu. |
| Pranod kumar | Raas capital | 44 | Manoj singh | Jivem Edu. |
| Prashant mangal | Raas capital | 45 | Shahbaz khan | Jivem Edu. |
| Rahul chaturvedi | Raas capital | 46 | Aaid naki pathan | Jivem Edu. |
| Surendra singh | Raas capital | 47 | Akhvin Vishwanathan | Vardhaman Group |
| Abhishek choudhary | Surbhi electronet | 48 | Arjita sharma | Vardhaman Group |
| Vikas sharma | Surbhi electronet | 49 | Adil Naki Pathan | I process |
| Divya dixit | Sbi life | 50 | Nikhil Chaudhary | I process |
| Rajneesh mishra | ACC | 51 | Dharamveer | I process |
| Ramdhani | ACC | 52 | Kalash Sharma | I process |
| Abhishek sharma | Indusind bank | 53 | Payal sharma | I process |
| Sandeep jani | HDFC Life | 54 | Pinky Rathiya | Colovation |
| Ajay sharma | HDFC Life | 55 | Sandeep jani | Sanjeevni |
| Palak Bajjal | HDFC Life | 56 | Nikita Garg | Sanjeevni |
| Nikhil Chaudhary | HDFC Life | 57 | Ajay sharma | Sanjeevni |

Poornima Spectrum 2014
School of Commerce (SOC)

At a Glance:
The school of Commerce at Poornima University is evolving as a centre for excellence that equips graduates with required skill sets such as analytical, decision-making, technical, interpersonal and technological skills. Classrooms and lecture halls at the School of Commerce are well-equipped with the modern teaching aids such as multimedia projectors and computers. The school aims to provide an interface between the academic and the corporate world through interactive sessions organized at the school. Leading practitioners from diverse industry backgrounds share their insights and management lessons at interactive sessions with students regularly. The B. Com program at Poornima University School of Commerce is one of the rare undergraduate programs in the region where, students get a chance to enhance well-rounded awareness and knowledge about relevant soft skills, such as personal development, business etiquette, grooming, presentation skills, workplace conduct, and business awareness.

At regular intervals the School undertakes “Special Syllabus Programs” popularly called SSPs and capsule courses. The SSPs and capsule courses go a long way in making the students industry ready and also hone their abilities to crack various competitive examinations for getting cushy jobs in PSUs, banks (IBPS), civil services and examinations for entrance into renowned institutes like IIMs etc. Learning is reinforced with expert visiting faculty members coming to the campus to train and imbibe in our students the necessary skills and expertise to crack these examinations. Some of the thrust areas for the SSPs include: quantitative aptitude, reasoning, corporate communication and spoken English, financial awareness etc. At present the School of Commerce runs the three year B.Com program which is designed to develop a holistic personality in graduates thus enabling them to succeed as professionals, while at the same time find fulfillment in their personal lives. The overall objective of the course is to prepare young professionals to be responsible and responsive to the demands of society in an ever-changing environment.

Special Syllabus Programs
As all of us know that latent talent can be sculpted only by the perfect blend of theory and practice. It is also said that 'In theory, there is no difference between theory and practice, but in practice, there is'

With this writing, I want to share the fruitful efforts being made by our university to strengthen our non-academics and make us more competitive in the volatile job market. Thus, in a bid to cultivate practical exposure SSPs are getting conducted for us since the very first day of our college. Some of the thrust areas for the SSPs include: quantitative aptitude, reasoning, corporate communication and spoken English, financial awareness etc. In it, learning is reinforced with expert visiting faculty members & prolific statutess, such as Abhayjeet Singh Sir, Siddhartha Sharma Sir, B.L.Bewal Sir etc. To strengthen our aptitude our university has collaborated with Career
Launcher Classes. They conduct timely aptitude building lecture in our class rooms to make us more competitive and enhance our chance of getting recruited in reputed companies.

The efforts by Lalit Verma Sir is commendable, who delivers knowledgeable lectures to develop our knowledge and acumen, in the field of Capital Market, Primary Market, and Commodities Market etc. It helps us to remain updated with the current happenings in the above sated markets and ways to clear various exam conducted by national stock exchange (NSE) like apex authority.

This SSP comprises of English communication, presentation skills& aptitude-building classes by Shraddha Gupta Ma'am.

All the programmes under SSP helps in making us industry ready and also hone our abilities to crack various competitive examinations for getting cushy jobs in PSUs, banks (IBPS), civil services and examinations for entrance into renowned institutes like IIMs etc.

At the end I would like to re-praise the SSPs being conducted by Poornima University as they are really very helpful to make us more competitive and develop our portfolio in a versatile manner.

Saurav Jain
BBA, II Year

Capsule courses

I am pursuing BBA from POORNIMAUNIVERSITY in 2nd year. In order to enhance our competencies in the Financial Market and make us more competitive and adroit, our university has collaborated with Professional Training Academy (PTA). PTA is a leading academy which works passionately to spread awareness & knowledge about financial market, stock market etc.

Hitherto 2 courses have already been conducted by PTA and the third one is going on.

The first capsule course was a BANKING course which included capital market & share market. The professionals from PTA provided us very deep knowledge which enhanced our diligence & in-depth knowledge about Stock Market & Capital Market. In it, we were taught about operations of B.S.E & N.S.E, how shares are traded & how companies get listed in it.

The second capsule course was about MUTUAL FUND course which included knowledge about Debt Fund, Govt. Securities, about purchasing treasury bills, notes, bonds, commercial paper. We learned these entire things very deeply and grasped knowledge and learn a lot about Secondary Market.

The third capsule course has started recently. It’s an ACCOUNTING course. A Chartered Accountant (C.A) gives lectures in this course. In this course we study about accounting process, book keeping, financial accounting, accounting management etc.

These capsule courses proved to be really helpful to us. They enhanced our knowledge and made us learn many new things new about market about whom we were not aware before.

Learning from these courses, many students of our school have also qualified various exams with flying colors on stock market, financial market, accounting etc. conducted by BSE & Finitiatives. The courses which are getting conducted by our university with the collaboration of (P.T.A) will give us something additional in our degree and provide some weightage in it.

Deepta Singh
BBA, II Year
School of planning and Architecture (SPA)

At a Glance:
School of Planning and Architecture is the creative cloud of Poornima University, it nurtures and educates budding architects of high caliber, sound in theory and practice, who have potential to recreate a built monotonous environment to the one which is functional, aesthetic, economical and environment-friendly. At SPA, the academic focus and approach is a unique blend of design, creativity & objectivity.

School of Planning and Architecture got its approval from Council of Architecture on 23rd of July, 2012 & is recognized as NATA Test Center for year 2014. It was initiated and successfully established by the efforts of Prof. Kanta Ahuja, Ar. Shashikant Singh, Dr. Manoj Gupta and Ar. Gaurav Mohan Mathur.

The aim of SPA is to cater to the best design education to an individual, to prepare an individual to take up challenges and fulfilling them successfully, to produce professionals with wisdom, honesty and integrity.

The vision of SPA is to motivate individuals to explore, experiment and invent new at all possible stages in life, to incorporate design sense, which caters to the past, present and future needs and to promote individuals with self-esteem, confidence, communication skills and ability to create and innovate.

In order to cultivate these in pupils, SPA organizes and propels students to gain practical knowledge through Site Visits and Market Surveys. In the past two years we have organized many visits across Jaipur and nearby areas/ in and out of Jaipur. We have also been invited and witnessed various Movie Sessions, which acknowledge us with lifetimes of various profound architects, their philosophy, their concepts and their works.

At present we are running two batches with 16 students in 1st batch and 40 in 2nd. And to guide (MARGDARSHAN) them we have qualified and experienced mentors.

Department Day
The department day of school of planning and architecture was celebrated on 10th of MARCH 2014. With combined efforts of both the batches and faculty, we exhibited our sheets, models, documentations and assembled a material museum for ourselves.

The celebration commenced at 8:30 in the seminar hall with the arrival of dignitaries followed by lightening of lamp and Ganesh Vandana. The chief guest of the day was Dr. KKS Bhatia, President, Poornima University.

A welcoming speech was delivered by Ar. Gaurav Mathur (HOD – SPA), greeting guests, discussing the vitality of department day and appreciating students for their efforts.

Further, an annual report of the department was presented which included all our activities, fests, academic information and our achievements. Followed by addressing of audience by chief guest, he appreciated our work and encouraged us with his appealing speech and story. Also a documentary was presented by Ar. Manish (Faculty) for the students.
At last, Prize distribution ceremony commenced. Students who had participated in different activities within or outside the university got their prizes. There were in all 19 students who got prizes which is highest in percentage as compared to other departments. The ceremony ended with Poornima Gaan and Vote of thanks by Ar. Manish. After this function and a group photograph at t-shirt design and flag design competition was held. Following it, the exhibition of our work, our sheets, our models, samples and others began.

**Documentation**

**Documentation of Cycle Rickshaw - (on campus Documentation)- 16/8/2012** : This is a joint exercise which was held between Architecture and Civil Department and it is the first joint exercise between two departments. In this exercise cycle rickshaw was introduced to the students, and they were supposed to document it to the scale in the rough first in the graph paper without using the scale and then the exercise was transformed to the fair scale. The basic aim of the exercise was to make students understand the scale and proportion and the process to measure at micro as well as macro level. This exercise was concluded on 16/8/2012 followed by an external jury.

**Documentation of Jaigarh Fort - (on site documentation)- 22/12/2013** : Documentation of Jaigarh fort was a joint exercise between Jaigarh Trust and School of Planning and Architecture, Poornima University in which students of II year were supposed to measure Jaigarh on site and draft it to the scale. This exercise was started on 22nd December 2013 and concluded on 30th December 2013. This activity was carried under the guidance of Mr. Yunus Khimani and Ar. Gaurav M Mathur and executed by Prof. Manish Kumar and Mr. Ramakant Singh. Documentation mainly focused on Plans, Elevations and sections, where students were divided into groups and were assigned a portion of the building to document. Finally, the drawings were drafted on AutoCAD by students and a set was presented to the Jaigarh Authority and one set was kept in the Library.

**Movie Sessions** : Students of SPA are provided with an excellent opportunity of witnessing various movies and documentaries on various profound architects, their lifetime, philosophy, concepts and their works.

Movie on Louis I Khan by IID
Movie on Norman Foster by IID

<table>
<thead>
<tr>
<th>Site Visits</th>
<th>I BATCH</th>
<th>II BATCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology Park</td>
<td>Aug 2012</td>
<td>Sept 2013</td>
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<tr>
<td>Photography Workshop</td>
<td>Oct 2012</td>
<td>Sept 2013</td>
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<tr>
<td>Heritage Walk of Old City</td>
<td>Oct 2012</td>
<td>Sept 2013</td>
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<td>CDOS</td>
<td>March 2013</td>
<td>Oct 2013</td>
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<td>Movie in IID</td>
<td>July 2013</td>
<td>Feb 2014</td>
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<tr>
<td></td>
<td></td>
<td>Market Survey</td>
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<tr>
<td></td>
<td></td>
<td>Technology Park</td>
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</tbody>
</table>

**Mud Field Test** : To determine the composition of mud and sand we performed several tests with mud samples in our laboratories, also we went to fields and took samples and then performed few tests like biscuit test, cigar test, smell test, hand wash test, adhesive test and color test.
Conferences & seminars
- Birla cement conference
- Clarks Amer International conference on Stones (CDOS)
- Ambuja Cement Seminar
- Panel discussion in Raddison Blu by IIID
- Panel Discussion in Arch Academy

School Participations
- Youth Festival 2013 in MDS University, Ajmer
- Youth festival in Amity Jaipur
- Model Making Competition held at MNIT

Achievements

FACULTY

- Ar. Manish Kumar was awarded Gold Medal for his thesis from world famous architect, Ar. Charles Correa

STUDENTS

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Position</th>
<th>Year</th>
<th>Event</th>
<th>Activity</th>
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<tr>
<td>1</td>
<td>Aayush Jain</td>
<td>1st</td>
<td>I Year</td>
<td>MAD WEEK Jagannath</td>
<td>Bandit like Backhem</td>
</tr>
<tr>
<td>2</td>
<td>Deepali Bafna</td>
<td>1st</td>
<td>I Year</td>
<td>MAD WEEK Jagannath</td>
<td>Bandit like Backhem</td>
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<td>3</td>
<td>Simran</td>
<td>1st</td>
<td>I Year</td>
<td>IIID, Investor Ceremony</td>
<td>Photography</td>
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<td>4</td>
<td>Vivek</td>
<td>2nd</td>
<td>I Year</td>
<td>IIID, Investor Ceremony</td>
<td>Sketching</td>
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<td>5</td>
<td>Mohneesh</td>
<td>1st</td>
<td>I Year</td>
<td>MDS, Ajmer</td>
<td>Poster Making</td>
</tr>
<tr>
<td>6</td>
<td>Milan</td>
<td>1st</td>
<td>I Year</td>
<td>NASA</td>
<td>Shades</td>
</tr>
<tr>
<td>7</td>
<td>Mohneesh</td>
<td>1st</td>
<td>I Year</td>
<td>NASA</td>
<td>Shades of Grey</td>
</tr>
</tbody>
</table>

NASA

National Association of Students of Architecture, briefly designated as NASA India, is a student body, one of its kind for the undergraduate students of Architecture in India, established in 1957 with collaboration of seven colleges, with a common aim and objective to provide the students a platform for interaction where students from varied cultural backgrounds would learn and share their knowledge thereby providing ample opportunity of exposure about latest trends and development in the field of architecture.

NASA India now includes students of around 260 institutional members from across the country, divided into six zones, geographically. In order to achieve its aim and objectives, NASA India hosts various events namely:

- The Annual NASA Design competition – ANDC
- Zonal NASA Convention
- Workshops, Seminars & Panel Discussions
- Annual NASA Convention

School of Planning and Architecture, Poornima University Jaipur in collaboration with NASA committee got the opportunity to host “Autumn Leaves – Zonal Convention” on 16th – 17th Nov 2013 within our premises.

The 2 day event witnessed 1500 students from North Zone. Every member institute was given an opportunity to nominate 20 students who would participate without paying any delegation fees, popularly known as Zero Convention.
Research & Development (R & D)

At a Glance:
R & D centre at PU is constantly moving to the pinnacles of pioneering research. With state-of-the-art facilities and resources the focus is on honing the Analytical and Intuitive skills. The University provides PhD program in Engineering, Management, Commerce, Applied Science etc. The Center of Innovations in Renewable Energy, Water & Waste Management, Remote Sensing & Health Systems are hub of all the R & D activities.

Ph.D
PhD is mostly self driven and self taught degree with the supervisor gently aiding the process. The program and supervisor help mostly in creating an atmosphere and environment in which the scholar gets motivated to excel. Hence, while doing a PhD from Poornima University, the scholar becomes self motivated and committed, and willing to work hard and long on problems. In this time consuming and complex process our effective and positive supervisors significantly influence the quality of Ph.D.

Our positive induction process brings out the perfect research work with following advantages, Events & Activities:
- Advantage of Dual M. Tech. and Ph.D program
- Rich pool of highly experienced supervisors
- Workshop on Mat lab, Latex, Research Methodologies etc with Experts from IIT Kanpur & Maharashtra
- Regularly conduction of International/ National Conference, seminar, workshop, Expert talks etc.
- Two Days National Workshop on Research Methodologies was conducted with 125 delegates
- Full Time / Part Time course
- In accordance with UGC guidelines 2009
- Course work designed by experts from IITs, NITs & Industries
- International Conference Challenges & Opportunities in Asian Economies: The Management Perspective was organized
- IEEE International Conference entitled "Recent Advances & Innovations in Engineering" ICRAIIE-2014 sponsor by IEEE Delhi Section.

Leading Towards Research
I joined PU in Session 2013-14 as a M. Tech. Student in VLSI Design. The M. Tech. Program Offered at PU have many benefits. It has a vivacious learning environment with higher level of professionalism & interaction from industry experts. Regular Trainings & workshops have been conducted that encourage us to exchange experiences, ideas & practices from our own research. The review process adopted here is highly inspiring & conducive for acquisition of knowledge. This process helped me to easily classify the literature, evaluate, synthesize, summarize and build the problem statement of my research proposal. My motivation towards M. Tech. was to get the best technical & practical exposure in the field in which I am going to compete. This M. Tech. Program at PU gives me utter confidence & an edge over others in professional world. It makes me more confident, independent, open minded, resourceful & able to tackle difficult situations of life.

Arti Joshi
M. Tech. VLSI Design, I Year
### Educational Programmes Arranged for M.Tech & Doctral Students and Faculties

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Activity Name</th>
<th>Duration</th>
<th>Expert</th>
</tr>
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<tr>
<td>1</td>
<td>Workshop/Training on &quot;SPSS&quot; by IBM SPSS</td>
<td>29 Aug, 2013</td>
<td>Experts from IBM SPSS</td>
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<td>2</td>
<td>Expert talk on “Research Methodology, new emerging trends in Computer Engineering”</td>
<td>16 September 2013</td>
<td>Dr. Rahul Banerjee, Prof. BITS Pilani</td>
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<tr>
<td>3</td>
<td>Workshop/Training on &quot;Wireless Sensor Networks&quot; by Eigen Technology</td>
<td>11-12 Oct, 2013</td>
<td>Mr. Rajeshwar from Eigen Technology</td>
</tr>
<tr>
<td>4</td>
<td>Workshop/Training on &quot;QUAL Net&quot; by Eigen Technology</td>
<td>30 Nov, 2013</td>
<td>Mr. Rajeshwar Eigen Technology</td>
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<tr>
<td>5</td>
<td>Expert talk on “Research Methodology, new emerging trends &amp; Hypothesis in Electronics &amp; Communication”</td>
<td>September, 2013</td>
<td>Dr. S. K. Bishnoi, Principal Engg. College, Bikaner</td>
</tr>
<tr>
<td>6</td>
<td>Expert talk on “Research Methodology, new emerging trends &amp; Hypothesis in Computer Engineering”</td>
<td>10 November, 2013</td>
<td>Dr. K. P. Yadav Prof. Delhi</td>
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<tr>
<td>7</td>
<td>Two Days National Workshop on Research Methodologies, Five Parallel Tracks</td>
<td>22-23 Nov, 2013</td>
<td>22 Experts belonging to various disciplines from Maharashtra</td>
</tr>
<tr>
<td>8</td>
<td>Workshop/Training on &quot;PLC-SCADA&quot; by VAS Automation</td>
<td>30 Nov, 2013</td>
<td>Mr. Dheeraj Nagrani &amp; Mr. Brij Bhushan Tyagi From VASU Automation</td>
</tr>
<tr>
<td>9</td>
<td>IEEE International Conference on Recent Advances &amp; Innovations in Engineering-ICRAIE-2014</td>
<td>May 9-11, 2014</td>
<td>IEEE Delhi Section (Sole) Sponsor</td>
</tr>
</tbody>
</table>

### Students Speak

Work in my life has never been so enjoyable and inspirational than my year at Poornima University...and I am gaining everyday more and more. Poornima University’s doctoral program is very supporting as well as challenging. The exposure to cutting-edge ethics over here is unmatched. The program structure allowed me to rigorously explore my research interests with the help of professors who treated me like a real colleague. And the University-wide institutional support and flexibility to pursue the ideas wherever they lead is unlike any program I know. This has truly been one of the best decisions I made. I never stopped working: reading, thinking, and writing...and enjoying every minute over here. But, it’s the people in the program especially Dr. Manoj Gupta, Dr. Mahesh Bunde and the other faculty... who makes the difference. Everyone associated with Poornima University’s programs is incredibly brilliant and generous in their time and attention. Most importantly, the faculty have high expectations and give you every opportunity to meet those expectations.

**Pankaj Gakhar**  
PhD Scholar, Poornima University
लक्ष्य में दिखी क्रिकेटिंगी

जयपुर गुरुपर युवाओं के द्वारा किया गया 'स्टूडेंट्स ने की धार' प्रकाशित खेलांकन के लिए पक्ष में ग्रामीण युवाओं के साथ हुए मैच में प्रसिद्धि का समाधान है। स्टूडेंट्स तेजी से आगे बढ़ रहे हैं इसका प्रमाण है इसके द्वारा तीन दिनों में 400 मोटर हॉकी खेल, स्लेटबॉल, बुधवारी, लैबोर टेबल, बॉक्सिंग और वॉटर बॉक्सिंग के बाद स्टूडेंट्स के खिलाफ एक मैच खेला जाएगा। इसके दौरान स्टूडेंट्स के चेहरे पर भी सुनाम फूल दिखाया जाएगा।

छात्रों का लक्ष्य कर न्यायार्थ

छात्रों में दिखी उम्मीद और साक्षात्कार पर टेस्टिंग की जा रही है। इसके लिए एक कॉन्फ्रेंस हुई। इसके दौरान छात्रों को ध्यान देना है कि उनके लिए यह मौका अवधारणा करने का समय है।

प्राकृतिक संसाधनों के अभ्यास पर मीम के चलते

छात्रों ने 225 सुरक्षित ब्रेक एक्ट्रेस विभीषित ब्रॉक फ्लोर की दृष्टि के लिए अंतर्भाषित किया। इसका कारण ब्रॉक फ्लोर का राजनीतिक भूमिका का अभ्यास करना और तर्क करना उनके द्वारा अभ्यास के माध्यम से।
EVENTS AND HAPPENINGS
Events and Happenings

Faculty Training program: An unprecedented 13 day faculty training program was organized by Poornima University, from June 17th-31st, 2013. This induction programme was organized with the objective of enhancing teaching skills among teachers. In this programme around 50 new faculty members were trained in different aspects of learning and teaching process. The Sessions were taken by distinguished dignitaries on topics specifically chosen for the benefit of the new faculties. As part of this programme, a dedicated team of R&D Experts and Professionals working in respective specialized areas shared their knowledge and experiences. Various topics and subject matter covered during the programme were: Innovative teaching methodologies, Papers and Lecture Notes Preparation, Administrative Activities, Proctor and Tutor Systems, Smart Classroom and Regular Up gradation process. The programme casted a blend of communication technology and media for knowledge. Dissemination and interaction of faculty & experts from various fields. Faculty members of Poornima University participated enthusiastically in the programme.

Independence Day: Independence Day is a day which is a mark of sacrifice and fight which was fought with the Britishers to get the independence. It is celebrated in India on August 15 each year commemorating the nation’s independence from British rule. On this very day, people in India pay adulation to their leaders and those who fought for India’s freedom in the past. In Poornima University we celebrated Independence Day with a sense of allegiance nationalism and patriotic sentiment. This is a day which is celebrated by every Indian with great ardor patriotic fervor. The independence day of PU shows various colors of Indian culture and a source of full enjoyment in a patriotic way. A march past was conducted in which the students performed a wonderful parade. The entire atmosphere was filled with songs full of nationalism highlighting India’s flight to progress in spite its diversity. It was the result of hard work and dedication of students who practiced for several days. Later, many activities like Group Song and dances were performed by the students. Many patriotic videos were shown and students were motivated to serve to our nation.

Student Orientation Program: Poornima University started its second session with the orientation program “UDGAM 2K13 on 26th August 2013. The purpose of the orientation programme was to assist students in making a positive transition to college life by preparing them for success in the classroom and within the greater PU community. On this occasion, the Chief Guest, Shri P. M. Bhardwaj, retired CMD, Instrumentation Ltd., Kota spurred the students with his exhilarating insight. He elucidated and exemplified various concepts related to life, i.e. importance of hard work and sincerity, respect for seniors and teachers, achieving success, industry-institute interface. His exemplary Sant Kabir’s approach created an enduring impact. He appreciated the efforts made by the Management of Poornima University, for conducting value added programmes, for the benefit and success of students. The President of Poornima University, Prof. K.K.S. Bhatia acquainted the students about various activities and programmes planned for first year students. Dr. Manoj Gupta, Provost, Poornima University, encouraged the students to actively participate in all the tasks and activities of the University.
**Student Speaks**

Orientation the word itself means ‘direction’ and orientation programmes are conducted to provide guidance and direction to those who are new to some institution. Student orientation programme is a programme conducted to familiarize students to their new institute, the new environment and to the new teachers. There was a nine day long student orientation programme conducted in Poornima University which included three days of brushing up classes, three days of zero lecture with faculties of our respective branches and another three days of very inspirational, motivational and enriching experience. We were warmly welcomed by our seniors with the traditional culture. It was followed by Saraswati Pooja, prayer said to the Goddess of knowledge. After the Pooja and other customary practices, we had motivational speeches by various dignitaries present there. Those speeches were exceptional and very informative. With our introduction to the authorities of the university and the faculty members, we went on a University visit. Along with that we also had an interactive session with our seniors. We made new friends during this interaction as well as activity session. Those friends we made then, still are very close to us and will remain our friends throughout our lives. It was a well planned event and executed nine day programme which was proved very beneficial for all the students. This journey began with a great start and it is well said if the start is good, it is half done. I cherish and will forever remember those days in my life.

Jasneet Kaur,
Sec-D, 1 Year

**Teachers Day**: Teacher plays an important role in a human’s life. From ancient time, in India, teachers are always worshiped like God. Teachers tell us not the subjects but also give the direction in our life, they cherish our personality.

This festival of worshiping teachers is also celebrated in Poornima University. 5th September was the day when Teacher’s day was celebrated in all departments with all grace and happiness. Co-curricular activities like poem reciting, quiz, tongue twisters, debate etc. were held to celebrate this day. Winners of these activities were rewarded by faculties. All students celebrated this day in their respective sections with their faculties with a nice ceremony. They presented gifts to them. Students and faculties know the importance of this day and a teacher in their lives. Poornima University provided a base to celebrate and a opportunity to pay thanks to their heroes of their lives.

**Gandhi Jayanti**: Every year, on 2nd of October Indians celebrate Gandhi Jayanti to mark the occasion of the birthday of Mahatma Gandhi, the “Father of the Nation”. On 2nd October Poornima University celebrated Gandhi Jayanti with great enthusiasm. It was celebrated by offering prayers and tributes. A white dress code was followed by every student to promote the message of peace and harmony. Faculties shared the journey and contribution of Mahatma Gandhi with the students to signify his efforts in maintaining peace and non-violence in our country. A one hour quiz on political history, life and achievements of Gandhi Ji was also conducted in each section. His most preferred and devotional song (Raghupati Raghava Raja Ram) was sung in his remembrance.
Lakshya: The very first annual sports and cultural fest of Poornima University took place in the silhouette of Lakshya. It was not less than a benefaction filled with fun, given by the university to its student. The word itself symbolizes the goals in our life.

Lakshya commenced on 16th October 2013. This two-day long fest was inaugurated by Col. Rajyavardhan Singh Rathore who won the silver medal in Men's Double Trap at the 2004 Summer Olympic Games and Ms. Surbhi Mishra who has a lifetime achievement in Squash.

After a phenomenal opening ceremony, many events were held to entice students and to embolden and showcase their capabilities in different fields like basketball, volleyball, football, long jump, 400 m Race, 100 m and 200 m Race, Table Tennis, carom etc. To unveil the artistic thinking of students, many cultural events were also organized like coin and stamp collection, rangoli, heena creation etc. Other ‘On the spot’ competitions were also there to captivate students. Apart from all the amusement and excitement, fashion dominated this college fest.

Many students worked hard to make this event successful. Their efforts were commendable. Every face was shining with happiness.

Student Speaks

Lakshya means aim...Yes, it is the name given to the sports fest of our university. For the first time ever, I witnessed such an event in my college life. I call it the festival of sports, having many events with some cultural colors. On this day, Poornima University was adorned with flowers and lights. The floors were beautifully patterned with rangoli, giving a colourful glowing look to PU.

Many games were played including shot-put, table tennis, carom, volleyball, etc. Though I did not participate in any one, but I otherwise enjoyed playing it. Believe me it was fun out there.

Football was also played by young boys. For the first time, I felt our students are not less than anyone in terms of energy, enthusiasm and talent. The game which was most enjoyed by everyone present out there was ‘Tug of War’. Cricket was played but with a new theme—Faculty VS Students.

It is not over yet, the sports fest was flavoured with cultural tada. Big speakers of loud music were arranged to play the ‘Punjabi dhol’. Music was also played by the bhangra artists who made the faculties, staff and students dance to their tunes.

Summing it up, it was really a fantastic, new university life experience, with different people. It was more of a talent enrichment sports programme. It gave ways to explore out the hidden talents and interest in us and give our best shot in the game. Moreover, it provided a common stage for students of all branches, to interact and build relation which otherwise is not possible during academic session. Also, it gave a chance to build a strong bond between teachers and students, on a friendly front.

Aayush Sharma
EC, II Year

Prayogam: Prayogam, the word itself means “To explore or to experiment”. Prayogam provides the best platform to the students, to exhibit and showcase their creativity. It gives an opportunity to the students to experiment with their thoughts, to use their knowledge. Prayogam is a unique initiative by the Poornima Group of Colleges in association with Education Times.

This three-day junction of exhibition, workshops and seminars started on 11th November 2013. It was inaugurated by the chief guest, Mr. Praveen Gupta (I.A.S) and Dr. P.S. Varma (Chairman, Rajasthan Board). The event was held in
the college campus, which comprehended the activities of each field. Students from various branches of Poornima University and Poornima Group of Colleges participated in this event. Total 128 Projects were displayed, out of which 15 projects were made by the students of Poornima University. 2000 students from various schools came to see the displayed projects.

Everyone who visited the exhibition was amazed to see the models working. Mr. Praveen Gupta and Mr. P.S. Varma appreciated the contemporary and ingenious ideas of new generation.

A seminar by Praveen Gupta was accustomed, to appreciate the efforts of students and to give a guidance and right direction to their thoughts. Student and faculty coordinators were successful in systematic conduction of the program. Their effort in the success of Prayogam was commendable.

Students and faculties are looking forward for the next year so that they can get the platform to showcase their excellence.

Student Speaks

It was a day of showcasing technical brilliance by the students of CS department. This annual tech fest started on 11th November, 2013 by a remarkable demonstration of projects by students from all of PF (PGC and PU). The projects were extremely brilliant and were significant of the hard work of students. This 3 day long fest was held in Poornima University campus where all the modern amenities were provided to the students.

Students realized the motto of Prayogam that is “If it does not exists, design it” and implemented it with the guidance of a team of faculty members and materialized their thoughts on the real ground. This year many schools were invited to be a part of this magnificent tech fest so as to promote and inspire children at a very early stage. All those who were present during the fest admired the innovation and efforts of the students. I’m looking forward to the next year so that I could once again have a platform to show my excellence.

Sankalp Srivastav
CE-B, II Year

Republic Day: Republic Day is celebrated every year on 26th January to commemorate the date and moment when the Constitution of India came into effect. It is a moment of pride as we have the world’s largest written constitution. To celebrate this day, Poornima University organized an event to reminisce those precious memories. A motivational speech was delivered, as homage to the nation, by Dr. Manoj Gupta. The students took pride in glorifying and celebrating the spirit of unity. The student exhibited patriotism to the nation by actualizing march-past. To mark the importance of this day, many activities were planned in the college premises. The college echoed with patriotic fervor as the students drew scenes of Republic Day celebrations and sang patriotic songs to mark the occasion. Many patriotic videos were shown and students were motivated to contribute to the nation’s development. The event was successfully formulated by students.
Blood Donation Camp: Every year our nation requires about 4 Crore units of blood, out of which only a meager 40 Lakh units of blood are available. The gift of blood is the gift of life. There is no substitute for human blood. Every two seconds someone needs blood. It can’t be bought from shops. It can’t be made in any factory. The only ‘factory’ for the formation of blood is human body. 1 pint of blood can save 3 lives. Poornima University promotes such noble activities.

Blood camp at Poornima University was organized on 8th March 2014, in association with the Rotary Club of Jaipur. In this camp above 200 students of Poornima University donated their blood. A team of doctors were present for check-ups, before and after blood donation. Food Stuffs, certificates and gifts were given to the students who donated blood. Blood donation is a benevolent endeavor, in which Poornima University participated positively, encouraging the camp for it.

Every year, such camps are organized by the University to drive students to help someone and to save lives. These kinds of initiatives results in the formation of compassionate society. Since the shelf life of donated blood is short, one can donate at regular intervals so that there is no shortage of this life-saving fluid.

International Women’s Day: On 8th of March, the International Women’s Day, a workshop called ‘Beauty Class’ was conducted by Ponds, a brand of Hindustan Unilever Limited. The workshop aimed to teach importance of beauty, grooming and confidence. They target to empower millions of girls of numerous top institutes. Workshop was for female faculties and students of Poornima University. The Chief Guest for the event was Mrs. Renu Singh, Chairman of WISE (Women in Science and Engineering) and the advisor, Poornima Alumni Association. It was an hour workshop, in which all participants were shown a small documentary which focused on how the talent and capability of a girl is rejected in the fast moving, look oriented world, due to her lack of confidence and dull looks. The audience was made aware of importance of being beautiful and being filled with confidence. Beauty on the inside is important but it is equally important to look presentable and to have confidence, enough to show you talent to the world. At the end of the documentary a small activity was conducted for participants, to be aware of their own skin. They also discussed the beauty related problems that women generally face. Few tips were given to all the participants. It was over all a very informative and inspiring session. A gift was handed to each participant as a token.

Thalassemia awareness Program: As world celebrates Thalassemia awareness day on 8th May, in this regard an awareness program on Thalassemia was held at Poornima University for students and staff members on 1st May 2014. The program was presided over by Dr. UPENDRA SHARMA, who is Consultant - Hematology & Hemato-Oncology Department, at Bhagwan Mahaveer Cancer Hospital & Research Centre, Jaipur.

Dr. Sharma gave valuable information on the disease, its causes and prevention. Maximum emphasis was given on how to prevent the rising number of Thalassemia major patients. The disorder caused by thalassemia results in excessive destruction of red blood cells, which leads to anemia. The points discussed in the seminar by Dr. Sharma create a great impact on the audience and made them aware about the disease.
International Conferences and workshops

CHALLENGES AND OPPORTUNITIES IN ASIAN ECONOMICS-THE MANAGEMENT PERSPECTIVE

The two-day international conference jointly organized by the department of management studies, Poornima group of colleges and Poornima University provided a platform to academicians, researchers, business leaders and management students to share their expert opinions and insights on challenges and opportunities in Asian economics from management perspective. The conference theme was divided into sub themes in the areas of finance; marketing; human resource; entrepreneurship; and production and operations; which were discussed in five technical sessions. Two plenary sessions gave an opportunity to the delegates to listen to views of the experts.

After thorough evaluation of 54 research papers presented during the conference, 23 papers were selected for the publications, and edited for inclusion in a book.

Research Methodology

Research Methodology Workshop: - A Two Days National Workshop on “Research Methodologies” with special focus on Computer, Electrical & Electronics, Mechanical Engineering, Basic Sciences and Management in association with ISTE, IEI and ISLE during 22-23 November 2013 was organized. The course was conducted by Twenty-two resource persons from higher academic Institutions and Industry through a blend of lectures including separate sessions for different streams taking them to the level of current thrust areas in their field. There was five parallel sessions for Mechanical, Electrical & Electronics, Computer Engineering, Basic Sciences and Management. The objectives of the workshop was-

- To update the knowledge of the Master’s & Doctoral Research scholar’s and faculty from Engineering, Sciences & Management in research process and its implementations.
- To develop innovative skills including professional ethics and social value.
- To provide a platform for discussion on new areas, opportunity to share experience by close interaction with eminent speakers and enhance the confidence of the participants to perform their research work with greater efficiency.
IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014)

Poornima University and Poornima College of Engineering strongly believe in imparting quality education and achieved academic excellence in the state of Rajasthan. To pursue this task, it took two years of rigorous planning and hard work by the organizers (faculty of PU & PCE), the IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014) was organized from May 9-11, 2014 with technical sponsorship of IEEE Delhi Section and supported by ISTE, Delhi, IEI Rajasthan Section, IETE India and ISLE Rajasthan State Centre.

This conference received more than 1300+ full length research papers from India and abroad, out of which 300+ papers were finally selected for presentation and consideration for publication in IEEE Explorer.

The success of this conference is reflected by the number of papers received and selected after review with participation from across the country and aboard. It is the first time that the conference of this level is organized. The conference was inaugurated by Prof. R.K. Shevgaonkar, Director, IIT, Delhi. Apart from 25 parallel sessions, three plenary talks were conducted by Prof. Bhim Singh, IIT Delhi; Rahul Banerjee, BITS Pilani and Dr. Vishwanath Sinha, MNIT, Jaipur.

This conference provided a stimulating forum for researchers, scientists, engineers, educators, industrialists and students from all over the world to discuss and present their research findings in the interest of society and the nation. The conference covered all major areas of research in three tracks i.e. Electrical, Electronics and Computer Engineering. These tracks were chaired by Dr. Manoj Gupta, Dr. O.P. Sharma & Dr. Mahesh Bundele respectively. The conference was organized under the chairmanship of Dr. Vishwanath Sinha as General Chair and Dr. Ajay Khunteta as organizing chair.
Campus Insight

Hostel: A home away from home

It is said that home is sweet. But even then life at home cannot be compared to the life in a hostel. The life in a hostel is different from that of the home. The greatest blessing of hostel life is independence. You may sleep whenever you like. You may get up late in the morning, but no-one will question you. Apart from the general rules and regulations, which are to be followed necessarily by everyone, one is his own master.

The life at Poornima girl’s hostel ‘Gayatri’ is very familiar, girls get fascinated with lots of facilities comprising of garden, gym, sports room etc. These facilities are helpful in exhibiting the passion and talent of girls. In the hostel, life is full of opportunities of amusement. It is clearly visible, a home like environment of the hostel due to the caring wardens who gives motherly feeling. One is constantly in touch with youngster of one’s age. One can make friends with one’s hostel fellows who have varied tastes and aptitudes. She may choose her friends according to her own liking. Mutual discussions of their favorites film actors and actresses, long criticism of the latest picture seen by them, and story-telling, add charm to hostel life. Good arrangements of games and sports, Sunday specials and eating competitions, and day-to-day merry-making, make the hostel life a thing of envy for all. In a hostel, a student comes in contact with a number of other students. She acquires many good qualities form them. When a student sees his next door neighbor daily taking morning exercise, she also gets inspiration. She too tries to be healthy. One good student may become an example for other hostelter. When one is ill, all her hostel fellows try their best to serve her. Mutual cooperation, sympathy, and love are characteristic of hostel life. It will not be an exaggeration to say that only a hostel is the place where an all-round development of personality is possible. Hostels provide the best atmosphere for study. If students enjoy the hostel life in different ways, they also work very hard when the time comes for it. Weaker students can always get help from their friends. When a careless and negligent student sees his partner of his neighbour competing for position, she also tries to follow her example. Hostel life, not only develops the spirit of healthy competition, but also teaches the lesson of mutual cooperation.

Anujita Sinha
CE- A, II Year

Library- The world of knowledge

The central library is where the place and possibility meet. Books permit us to voyage through time, to tap the wisdom of our ancestors. The library connects us with the insight and knowledge, painfully extracted from Nature, of the greatest minds that ever were, with the best teachers, drawn from the entire planet and from all our history, to instruct us without tiring, and to inspire us to make our own contribution to the collective knowledge of the human species. I think the health of our civilization, the depth of our awareness about the underpinnings of our culture and our concern for the future can all be tested by how well we support our libraries.

Poornima University has accomplished a milestone by providing the same environment as one can look for. The central library facilitates the best learning experience when the thing are almost in mute.
Books of all genres are found easily here. Books based on science, Engineering, Management, Humanity, current affairs, Novel, Religious, literature etc. Not only this, now internet users don't need to go anywhere else to search for the content, the library is fully packed with desktops to provide the best internet experience at an enormous speed of 1 MBPs. Library is also facilitated with DELNET & IEEE, which provides online study materials easily. Now library members can get access to online resources.

4 Library cards are issued to each student for 14 days. 8 newspapers in two languages facilitate to knowledge. Apart from reference books there is a collection of conventional reference materials like a dictionary, encyclopedia, handbook, manuals etc. for ready reference & general information. This is the place of absolute silence, concentration even though it is open to all of us. Libraries allow students to ask questions about the world and find the answers. And the wonderful thing is that once as the child learns to use a library, the doors to learning are always open.

Our library is our paradise.

Chirag
Civil C, II Year

Cafeteria: Place to chill out!!!

Canteen is a type of food service section, where there is little or no waiting staff table service in an institution or school, also commonly known as a cafeteria. It differs from place to place. A place where students or people can sit, relax, enjoy food and a couple of times gossip and chit chat. Students get various choices of the dishes to get rid of the stress from the day-long studies’ schedule. With exquisite interiors and exotic menu, a well-furnished and spacious cafeteria is located in the heart of our university campus. The commonly available things in our canteen are chips, sandwiches, cold drinks, fresh juices, light snacks, chocolates, a refreshing cup of tea and coffee, pizza, burger, and other fast food items. It provides us not only tasty food stuffs, but also gives us fresh and hygienic food. These are open till late evening so as the people in campus can anytime enliven up their mood, and have a small break from work or class. A couple of times, it is an alternate eating place for those who desire to have a change than their regular mess food.

Canteen, many good and refreshing thoughts come to our mind when we heard this term. It is also a place of socializing for the students and faculties, a place where different people meet and interact to share new ideas and thoughts. It is a very well known saying that if you want to know about the latest happenings go to the cafeteria. This makes the college canteen an integral and a very important part of anyone's college life. The main feature of our college cafeteria is its environment. It is very clean, decent, cool and chillaxing. So for all these reasons everyone loves the university canteen.

Bhumika Pandey
CE-A, II Year
Transportation

Transport facilities are a much needed thing in a college for a large number of day scholars. It is not about transport but it should be a good transport facilities. Here in the Poornima University there is a fleet of around 20 buses for the convenience of students and faculty. Buses cover almost all the routes in Jaipur. All the buses have PU logo and particular number and names on each bus so that it is not difficult to find your bus. Punctuality and safety are the key point which makes transportation smooth and easy. All the driver are very good in their driving and other responsibilities for the students to get maximum benefit for transport, buses receives and drops at particular stops provided by university. All the buses are in a very good condition with curtains and seat covers for students.

Transportation schedule follow all the rules and some code of conducts, like, each pick up point have a certain time and proper timing of arriving and departure for the students, so that they can be punctual and regular. Each student share one seat individually, so each and every bus have the no. of students equal to seats in that bus, so that students can enjoy and have a free and smooth time in bus. Each bus has first aid boxes and fire extinguishers for emergency situations. Bus Id are provided by the university with full information, including your name, contact number, bus name etc. to have a proper record for the sake of students.

Other than this, university has a fleet of cars and vans for backup transport. When some students are required to stay back late for workshop, seminars or other activities, the university ensures that their transportation is taken care of by this foot.

University takes great pains to ensure a smooth and good transport. Transport In charges and other faculties are appointed to monitor and have an eye on the system. Each and every problems related to transportation system is solved within a few days is a student’s needs some solution.

In and all the system that Poornima University provides related to transportation is very punctual, discipline and with proper safety for the students. Buses which belong to Poornima University have a very unique nomenclature; all the buses have name of rivers like Amazon, Ganga, Tapti, Sharda and similar names. This signifies that just like the rivers connecting different places, the bus service connects the college to all the important areas of Jaipur. One can see flow of these enthusiastic rivers in very early morning from any nook of Jaipur. It won’t be an exaggeration to mention that this fleet of buses has become a trademark of Poornima University.

Anuj Dixit
EC, II Year
PU Special Programs

OLE: Preparing for Tomorrow

In today's era, the level of competition is very high. In the field of education, students need to do arduous and strong efforts. To make all students prepared for the competitive exams and to make them competent, Poornima University has a concept of "OLE".

OLE is Online Examination. Most of the exams use the online technique to reduce paper work and time emaciated and to increase the efficiency and competence of students. Here score depends on the speed and accuracy which comes with practice. In Poornima University, students have to appear for the online exam per week, which includes a chapter of their academic syllabus. This practice makes a student confident while sitting in any competitive examination, as they have the practice of such types of modules.

OLE has a great significance. It increases the speed of solving question, clears the concept, and makes student able and confident enough to sit in an exam.

Charu Dubey
CE- A, II Year

Revision classes

“In order to succeed, the desire for success must be greater than the fear of failure.”

“The man who removes a mountain begins by carrying away small stones.”

How Revision classes helps?

For good results in summer exams you must revise during the preparation break, but sticking to your own revision during a holiday isn’t easy. So, Revision classes are an effective way to kick-start the whole process, providing you with structure, revision, exam practice and support in one concentrated package. Revision classes can make a major difference to your exam results.

What happens in a Revision classes?

Intensive work in a small group, led by an expert teacher, will cover a surprising amount of material in a short time. Lots of question practice and accurate feedback on what examiners want will build your expertise and confidence, getting the revision process firmly under way and giving you a real feeling of progress. Good revision makes the End-term more productive and less stressful.

Sushil Kumar
Section- C, II Year
Self-Help Group: Beyond The Limits Of A Team

Working effectively as part of a team is incredibly important for output quality, morale and retention. Working alone makes it harder to get early & continual design feedback, thereby decreasing output quality. Working as a team motivates the members. And we here at Poornima University call it as SELF-HELP GROUPS. Actually, the concept of Self help group, is beyond the attributes of a team. We can call Self help groups as modified version of a team.

Celebrating an achievement with team-mates is a great way to boost morale. If you work alone, who are you going to high-five when you get something working? In a self help group, the members share a common problem and fix them out. Collective troubleshooting efforts give exposure to students towards the kind of problems they can and their mistakes and eventually learning from them. Most importantly, the self help group members are dependent on themselves, then on each other. Together they learn to control the problems coming their way. A self help group is an equivalent of a team and has Strong, Average and Weak Students. This combination of all three kinds, develops a sense of healthy competition and responsibility. Every members role and active participation is crucial. Eventually all this leads to the overall development of the students.

Charu Dubey
CE - A, II Year

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English Club- English For all

As we all know English has an important role in each of our lives as English is accepted as a language to communicate with each-other worldwide. Keeping this rationale in mind Poornima University English club was established on 4th march 2014 with a goal to improve the communication and personality of the students. It was inaugurated by Mr. A.K Jain Sir & Mr. K.C. Roy Sir. This club involves various activities which had helped me a lot on a personal front to improve on my communication as well as fluency. Presentation & Videos are exceptionally used as teaching tools which helps us to comprehend the topic more clearly. It also aids to make the sessions more interesting and coherent for the students. The club is doing a brilliant job, as, to enhance one’s personality is equivalent to uplift one’s imminent future. The main focus of the club is to help the students to surmount the stage fear and evacuate the procrastination from the mind of the students. The thing which I really admire is the availability of guidance, whenever needed by any of the students. It Undoubtedly there has been an enormous change in the students who have regularly attended the sessions. Hence, the agenda of having the English club in the university has surely and defiantly been successful.

Aman Kumar Gupta
CE-A, II Year
PU Inspires: inspiring lives

PU INSPIRE is a program initiated with a vision to invite achievers i.e. successful alumni, entrepreneurs, academic experts to address us to share their success stories, experience, skills and the way how to achieve goals. The main aspect of this program is to provide a source of inspiration to us for our better future. This program was a guideline for those, who really have some target in their life but don’t know how to achieve it. Different dignitaries like IES officer, a management graduate from IIM, marketing manager from Jabong came and inspired the students. The achievers who come for the expert talk sessions, show every aspect of life. They answer our questions which arises mostly in our mind like how to achieve success, how to compete in any competition exam, how to survive in today’s competitive scenario, how to make yourself employable, what qualities you should have, how to create a job. They make us aware of different prospects and opportunities after engineering. It is helpful when we don’t know the path, but know the destination. It is all about to set goal and to move towards it. The session clearly rationalize the saying “when there is a will, there is a way”.

People usually say that success knock the door only once but the motto of this program says knock the door of success until we achieve it. We have to achieve our target and this program provides us the platform to achieve it. Now we are not far behind from our goal.

Veenu
EC, II Year

Tutor System: A friend and guide

The transition from school to university is a dramatic experience for most of the students. In order to assist students in this process, and during their time with us, the university introduced a TUTOR SYSTEM.

The objective of this is to develop a relationship between students and lecturers, so that academic staff will be a source of support, advice and guidance for the students during their period in the university. Tutor is available for advice with problems be they financial or academics or anything related to the students because in this university after the parents they are considered to be a local guardian for any students. In general, tutor takes a friendly, informed interest in the students.

Tutor acts as a sounding board for opinions, as a mediator and confident, as they interpret and reinforce the standards and values of the students of the university. Here, each section is assigned with an individual tutor and called as a tutor for given period of time of that section. Tutor also helps in maintaining contact with the university and parents of the students. A tutor kept all the details of each and every students of his section like parents contact number, permanent address etc. A tutor is the only member in the university which has direct contact with the students.

A tutor is a member of academic staff who also provides academic guidance to the welfare of the students. Tutor system is also intended to support the provision of feedback and the advice to students about the study skills to enable effective listeners. He keeps a regular watch on the students of his batch (Generally, each batch consists of the students of 50-60). Tutor system is very beneficial for every point of view.

Vijay Kumar Bansal
Civil - C, II Year
Training and placement cell: A trained mind is a lot better than a skilled one

Training and placement cell is the one of the most important essential cell or part of any technical educational institutes. The basic goal of all the technical non-technical or commercial college, university or institutions is that their students get a proper and systematic training which will further helps in a proper placement. The training and placement cell at Poornima University undoubtedly plays an important role in our engineering studies. It enhances our technical confidence without which we remain austere from the crowd. This cell continuously works on the nourishment and enhancement of the students. The advantage of the formation of this cell is the student gets a proper guidance and the correct path that is very much essential for placement and recruitment. The T & P cell in PU, keeping in mind the various aspects required for the placement works systematically on activities like Spoken English as a part of communication skills, improvement in the personality development skills, guiding the students with theoretical as well as practical knowledge by the means of SPLs and Industrial visits, getting the students prepared for the various competitive exams, acknowledging them with the basic questions that can be asked in interviews and how possibly can they be answered in the best possible ways and lastly special lectures for CRT (Campus recruitment training) and PCC (Professional Certified Courses) based on their appropriate branches which includes the aptitude based questions as well as the instrumental, industrial as well as field knowledge, it also includes special conferences on entrepreneurship and alumni meets.

Yogesh Bhati
Civil - C, II Year

Super club: Polishing the gems

Super Club, the great event which makes every student feel great and I am the one of them. In this inspiring club, we learn a lot of interesting things by different great personality of various fields.

In this club, we meet the real life heroes who have done an excellent job in their fields like Mr. Amit Kushwah from ’Jabong.com’, works in Media Planning – Buying and Consumer Researcher, Mr. Lohamaror (Retd. Cornell), Mr. Qaisar Hafiz, Director of Q.H. Engineer’s Zone Delhi, Mr. Puneet Gumber, MD and Founder of ‘Shiva Illuminate Pvt. Ltd.’

From these personalities, we learn that civilization is like an empire, it falls not because of enemies outside, but through the weakness and decay within it. So we should strong enough in ourselves and should not fear from outer conditions. The experience and story of the success of such kind of personalities teach us that learning is an ornament in personality and a provision in old age. So keep learning to the entire life.

In our PU inspire sessions, we also meet
• Sh. Yatindra Mishra (Doctorate in Microbiology, poet and writer).
• Suma, Johanna, Nicol, Michael (Research Scholars from New York University)
• Ms. Anita (Motivator from Ponds, Hindustan Unilever Ltd.).
• Mr. Rohan Garg from Phoenix Academy (IIM, Kolkata).

In this club, we have awarded from a lot of ways to walk on the path of success and also we have understand that education is not the preparation for life, it is life itself.

Isha
EC, II Year
Campus Recruitment Training: Campus Express

In a highly technological competitive market, recruiters require people who are not only technically competent, well informed, loyal and committed but also capable of showing good judgement, often under pressure.

In this method, both the organizations and the prospective candidates come to a common platform. This common platform provides excellent opportunities to the companies to interact with the talented students who are ever enthusiastic and extremely motivated and who are willing to go that extra mile to prove themselves.

The following are the stages the student normally goes through as a part of campus recruitment process.

(i) Aptitude Test
(ii) GD
(iii) Interviews

Poornima University has taken a new initiative of launching Campus Recruitment Training programme.

Objective:
- To prepare us for facing the recruitment process.
- To increase placements by preparing us for all entrance exams and make us campus ready.
- Preparation of Aptitude/GD/PI etc.
- To assist us develop and implement successful job search strategies
- To provide resources and activities to facilitate the career planning process.

Upgradation of the communication skills and personality development by inviting experts from outside for seminars/classes.

CRT is scheduled for us two hours per week in regular time table for II year (ALL Courses) & I year (MBA only) students. PU has been in MoA (Memorandum of Association) with CL Educate Ltd. (Career Launcher) to provide best possible input to us-the faculty is hired from reputed professional institutions/centres.

It is a wonderful advantage to us because while studying for the course, we don’t get enough time to work up on our aptitude skills and even if some of us find time, they have to spend a lot (around thousands) of money besides paying college fees, which cannot be afforded by everyone. Thus, Campus Recruitment Training system provides a smooth path to enter the job market straight from the campuses.

Apoorva Panigrahi
EC, II Year

A child told the mother: "Mum you are very beautiful today."
Replied the mother "Why?"
The child said: "Because you did not get angry today."
Moral of the Story:
1. It is easy to possess beauty: do not get angry.
2. Anger is temporary madness.
I am thankful to god for this great opportunity that I am learning among the great educators in India and in such a stimulating and thriving environment.

- Vijay

Testimonial

• Prof. Byung hee lee, Hanyang University in Seoul, Korea
  I got impressed with passion and enthusiasm of students towards learning. I really appreciate warm hospitality from all.

• Prof. (Dr.) Trilok Kumar Jain
  It is great to visit this great institution; to be a part of great institution builders & to interact with highly motivated academicians. I would love to visit such great temple of learning again and again.

• Dr. Vivek Modi (Motivational Speaker)
  At first site, it looks a great facility, Professionalism could be seen.

• Dr. Yousne Badir, Asian Institute of technology Bankok, Thailand
  I am truly impressed with the hospitality of faculty and students in this university. The students are also very participative which is good for learning and education.

• Dr. Vivek Navoti (Principle Priyadarshni Indira Gandhi College, Nagpur)
  Wonderful and amazing infrastructure, impressed with the hospitality and very good vision of management.

• Shri Yatindra Mishra
  आपकी सृजनात्मक ज्ञान की यात्रा शुभ और श्रीपद हो |
• I truly appreciate the dedication and endless efforts made by PU for providing a good platform to my child. I am extremely delighted with the all round progress being made by my son. I convey my appreciations and thanks for the role played by the authorities of PU as a mentor for my children. As far I heard and observed activities like self-help groups, tours, campus activities, industrial tours, survey camps etc. are playing vital role in better understanding the things theoretically along practically.
I wish grand success for the 2nd issue of Poornima University magazine “SPECTRUM” and undoubtedly it will surely receive a great appreciation.

Dr. K.C. Jangir
(Medical Officer, SMS Hospital, Jaipur) | F/O Vishnu Jangir, II Year, Civil
(F/O Vishnu Jangir)

• My son Vikram, in his sophomore year, is very happy at Poornima University. I am thankful for this great opportunity he has to learn amongst great educators and in such a stimulating and thriving environment. My son is very fortunate to be able to attend such a great university in a great city. We hope our gift to Poornima will enable those who are less fortunate but just as deserving to attend as well.

Mr. Ram Singh Rathore
(Retrtd. Geography Lecturer)
(F/O Vikram Singh Rathore)

• Poornima University is a university where I find my daughter very safe. I personally think that the environment they are providing will make her dreams come true and not only my daughter but every student who will pursue his/her studies in PU.

Mr. Tara Chand Agrawal
(F/O Ayushi Agrawal)

• Sending kids away from home is a hard decision but I am glad we chose Poornima. It is indeed a privilege to see my daughter a part of Poornima University. I feel glad to observe the sincerity and dedication she has developed after joining Poornima. The discipline at Poornima is commendable. I really appreciate the fact that Poornima University supports the concept of modules like PCC, aptitude classes, non-syllabus projects etc. that are not a part of regular engineering schedule but will prove really beneficial in long run. The improvement in my daughter is clearly visible and I wish to see the same in days to come.
Wishing good luck and a bright future to all the students.

Mrs. Geetika Singh
(M/O Itisha Singh)
Faculty & Student Articles
8 Reasons why College is the best time to launch a Start-up

'College time is fun time'- a notion that many entrepreneurs are proving wrong. They launch their startup during their college and by the time they graduate, they are already owners of small to medium sized businesses. Here are eight reasons that tell you why you should launch your startup during college.

**Free resources:** There's no need for you to rent any office space. Your college, classroom or library is a great place to hold meetings. You also have free access to the internet, computer and the library, not to mention all kinds of valuable software. Besides this, professors too, are very helpful to students who take up an initiative to do something. They will be experts in different fields and you can take advantage of their knowledge to help your business grow. College gives you access to many free resources including software.

**Mindset:** College is a time when you are at your creative best. You have nothing to lose so you can feel free to experiment with ideas that might seem crazy to others but can launch you as the next Steve Jobs. Students lack the cynicism and caution of older people and hence are more open to new ideas and concepts. There is a curiosity and a thirst for knowledge that is invaluable for any start-up.

**Expectations:** During college, all that your parents and professors want you to do is to score well and pass your exams. If you launch a startup, they do not really expect you to become a millionaire overnight. This gives you more room for error. If you are unsuccessful, you do not feel burdened with their expectations. You still have the drive to give it another shot.

**No salary tension:** As a startup, you would not have too much capital to hire employees. However, in college, there is no dearth of people who are looking to do something constructive. You can offer internships to people and give people work experience certificates. You can find your future employees right in your campus. You are not doing it for the money so you’re more likely to succeed.

**Satisfaction:** Most of your classmates will graduate with a degree; but you will graduate with hands on experience in running a business. Going that extra mile will be a little difficult as first, but once you see your business growing, you will definitely not regret your decision.

**Teammates:** If you have a talented bunch of friends who are experts in their own fields, then you can launch a startup together as a group. College friendships last the longest and if you launch a startup with them, you can be teammates for life. Your friends are your teammates!

**Quality feedback for free:** If you are developing a new product or service, you obviously need people to test it and review it, before you start production. Your batch mates can tell you what they think about the product, its overall design, usefulness and the amount of money they can afford to pay for it. They will also not hesitate to tell you the negative aspects and will never shower empty praises. Your professors, on the other hand, can give you feedback about its technical aspects.

**Publicity:** Everyone loves stories of how a young college kid has made it big in the industry. You will definitely get lots of free coverage because everybody loves to hear about a youngster who has succeeded beyond their wildest imagination.

So, get innovating!

*Mr. Gaurav Soni*
Assistant Professor, EE & EC Department
Barriers and Threats for SME's in India.

Micro, Small and Medium Enterprises have been recognized as one of the key sectors for employment generation and overall economic development of our country. The Micro, Small and Medium Enterprises development Act, 2006, was enacted to expand our focus to the entire gamut of micro, small and medium enterprises (MSMEs) both in manufacturing and service enterprises. This sector now provides employment to nearly 60 million persons and account for nearly 45% of India’s manufacturing output. CII accords a high priority to the development of MSMEs, the dynamic segment of Indian Economy. The CII National MSME Council is the apex council for the SME members, and represents 69% of the total membership (approx. 8000). The council ensures involvement of the MSME members, and influences CII’s decisions on all issues of concern to the industry. The National council is supported by the MSME Sub-committees in the four regions and MSME Panels across all State & Zonal Offices.

Internationalization is a source of opportunities as well as a source of threats. Specific advantages derived from operating in a global market seem to be exploitable only TNC unless Small- and Medium-sized Enterprises (SMEs) can find an organizational solution allowing them to cope with global business opportunities without suffering from limited resources and without exposing themselves to the risk of direct investment. In the Indian experience, regional clusters of SMEs have turned into competitive advantage a peculiar - both at once competitive and co-operative - relationship, strongly based on geographical proximity and on cultural affinity. Thanks to recent developments in information technology, the replication of a similar industrial model might, in principle, be achieved in spatially distributed manufacturing processes.

A proposal for the framework of a distributed network specifically devoted to small- and medium-sized firms is discussed; existing features of local clusters of SMEs are reviewed to evaluate to what extent their experiences might facilitate the implementation of a spatially distributed production process.

Mr. Hariom Gurjar
Associate Professor, SOC & SOM

Soft Skills

Technical Skills may get you the job, But soft skills can make you or break you as a manager

Soft skills are personal attributes that enhance an individual’s interactions, job performance and career prospects. Unlike hard skills, which are about a person’s skill set and ability to perform a certain type of task or activity, soft skills are interpersonal and broadly applicable. It’s often said that hard skills will get you an interview but you need soft skills to get (and keep) the job. A person’s soft skill EQ is an important part of their individual contribution to the success of an organization. Particularly those organizations dealing with customers face-to-face are generally more successful, if they train their staff to use these skills. Screening or training for personal habits or traits such as dependability and conscientiousness can yield significant return on investment for an organization. For this reason, soft skills are increasingly sought out by employers in addition to standard qualifications. Soft Skills are behavioral competencies. Also known as Interpersonal Skills, or people skills, they include proficiencies such as communication skills, conflict resolution and negotiation, personal effectiveness, creative problem solving, strategic thinking, team building, influencing skills and selling skills, to name a few. As such, soft skills encompass the character traits that decide how well one interacts with others, and are usually a definite part of one’s personality. Whereas hard skills can be learned and perfected over time, soft skills are more difficult to acquire and change.

Dr. Nikhil Varghese
Associate Professor, MBA
Is Economic Recovery Sustainable??

India's balance of payment has shown several twists and turns in the last few years. There was a sharp increase in current account deficit (CAD) to 4.8% in 2012-13 from 2.8% in 2009-10. But the good news is that CAD declined dramatically to 2% in 2013-14 after several measures taken by Reserve bank of India and finance ministry. Now the question arises that is the improvement seen in the CAD sustainable? Indian economy had annual growth rate of more than 9% during 2006-08, and CAD was at around 1.1% of GDP. But in the fiscaly year 2012-13 CAD rose sharply from $48 billion to $88 billion but fortunately capital inflows of $92 billion in that year not only covered the entire deficit but also added $4 billion to the reserves. The panic started in the first quarter of 2013-14 when CAD remained high and capital flow took a sudden downward turn because of US Fed reserve statement on May 22, 2013 to cut down quantitative easing. Foreign institutional investors (FIIs) started pulling their money back from Indian stock markets which resulted into net outflow of $13 billion during June-August 2013. Because of all these negative impacts Indian currency depreciated sharply.

Reserve bank of India and finance ministry then started taking hard measure to control the situation. They put a number of restrictions on import of gold. Reserve bank of India went to the extent of selling Dollars in the open market to bring the stability in foreign exchange rate. And finally CAD came down sharply from $70 billion in the first three quarters of fiscal year 2013 to an estimated $31 billion in the current fiscal. Export increased by $13 billion and import declined by $20 billion. Gold alone declined by $14.6 billion. However net oil import did not show any change.

Is the reduction in CAD and imports during the last two quarters sustainable? It would appear so. We saw that the import of gold reduced because of the administrative measures but we can see that now the inflation is moderate and financial assets are becoming attractive by providing handsome return which increases the chances that gold import should decline and stay sustainable. As far as oil import is concerned, they have remained more or less constant after the sudden rise in 2011-12. Now crude prices in the international market are not expected to rise. As the power situation improves the use of diesel may also come down. We can also find some moderations in the import of coal as the domestic production of coal increase. Given the set of factors, India's CAD may remain in the range of 2-2.5% of GDP over next few years which is good sign for Indian economy.

Mr. Jitendra Singh Naruka
Assistant Professor, MBA

Data Recovery

Data recovery is the process of preserving data from damaged, failed, corrupted, or inaccessible secondary storage media. The main aim of data recovery is to protect the data from damage. Generally the data are being salvaged from storage media these may include internal or external hard disk drives, solid-state drives (SSD), USB flash drive, storage tapes, CDs, DVDs, RAID etc. Recovery may be required for physical damage to the storage device or logical damage to the file system that prevents it from being mounted by the host operating system.

The most common “data recovery” scenario involves an operating system (OS) failure, in which case the goal is simply to copy all wanted files to another disk. This can be easily accomplished using a Live CD, many of which provide a means to mount the system drive and backup disks or removable media, and to move the files from the system disk to the backup media with a file manager or optical disc authoring software. Such cases can often be mitigated by disk partitioning and consistently storing valuable data files (or copies of them) on a different partition from the replaceable OS system files.
Another scenario involves a disk-level failure, such as a compromised file system or disk partition, or a hard disk failure. In any of these cases, the data cannot be easily read. Depending on the situation, solutions involve repairing the file system, partition table or master boot record, or hard disk recovery techniques ranging from software-based recovery of corrupted data, hardware-software based recovery of damaged service areas to hardware replacement on a physically damaged disk. If hard disk recovery is necessary, the disk itself has typically failed permanently, and the focus is rather on a one-time recovery, salvaging whatever data can be read.

It is important to understand the four phases of data recovery. Each phase stands for different level and range of data recovery capabilities, each phase requires different repair tools and data recovery tools to work with and each phase must be treated properly to make sure the maximum data is finally to be recovered.

- Phase 1: Repair the hard drive
- Phase 2: Image the drive to a new drive.
- Phase 3: Logical recovery of files, partition, MBR, and MFT.
- Phase 4: Repair the damaged files that were retrieved.

Ms. Mona Batra

Youth-The hope of Tomorrow

Youth have hope in their hearts, dreams in their heads, strength in their arms, spring in their feet, but butterflies in their stomachs and turbulence in their minds. In other words youth are full of idealism, energy, enthusiasm and action. They are open to new ideas and change can adapt to new paradigm, are relatively free to prejudice and can connect easily across barriers of religion, nationality, language, gender, caste or class. But they are also assailed by confusion, disillusioned by the system and tend to start exploring the negative aspects, like smoking drinking, drugs or violence without foreseeing its repercussions. These evident expressions only suggest that youth are unstoppable. But then, why create bottlenecks at all. The youth needs avenue and immense freedom to explore.

The solution is acknowledged backup. The youth has immense access to search engines. How much ability is there in the mind to process data is the question. The mind of the youth is exposed to over ten Giga bytes of data every day. The young consumers of data is well informed; yet may be using only up to forty percent of the data stored in their minds. So now we have a peculiar situation. The youth are the drivers of change. They are capable of transforming the fragmented and shabby societies into wholesome and hygienic societies. The youth are ushering in the revolution of holistic wisdom. They know no limits. Knowledge and optimism is the ultimate backup for the youth of today.

You can choose to fit on too. Career, industry, science and all learning can flourish.

Welcome to the present. You are here today and would be the future of tomorrow. The moment is young and hopes are high. So get this new perspective. Let us make it happen.

Ms. Priyanka Nair
Assistant Professor, Computer Engineering
Keys to be a Successful Presenter

The art of effective presentation is the fruit of persistent efforts and practice. Your personality is reflected in your presentation. Adequate planning and preparation are essential for a successful presentation. A successful presentation can help you in winning the goal as well as attraction of audience. A presentation should be persuasive and should change the audience's attitude after listening. Oral presentations are often more persuasive. Good presenters always check their equipment before starting their presentation.

Before starting the presentation make copies of the material to be presented and distribute them to the audience. If you are part of a conference or program with many presenters make sure your presentation fits with the broader goals. Who is your audience? What do you want to present (content)? Why do you want to present (purpose)? As far as possible never read a presentation or memorize it. Your presentation will lose flexibility and communication will suffer. Practice your speech before presentation until you feel comfortable with it. Use short sentences of 15-20 words to achieve your complete thought. Deliver your speech slowly and clearly. You may cite references, quotations, names, illustration etc. which you intend to use. Do not overload slides with a lot of text. Arrange slides according to topics. You may also write the introductory and closing remarks.

During a presentation, body language is very important. Your whole personality bearing facial expression, posture and gestures are involved in the process. A neatly dressed person with pleasant expression will find it easier to establish a rapport with others. You should wear well-ironed clothes, polished shoes and clean and ironed ties. Eye contact is one of the most immediate and effective means of establishing rapport with an audience and pause for as while before you say something. Speaking immediately on reaching the dice shows lack of poise and creates a poor impression on the audience. Try avoiding specific mannerisms like UMMMM ...... UMMMMM...ER....ER....ER... you know...you know... you see...you see..... basically...essentially..... actually. These annoying mannerisms get to the state where an audience will count the number of times you say “you know” rather than listening to what you are saying. To control nervousness during the presentation be familiar with your topic. A lot of common sense is required to become a good speaker. Use it to choose a suitable approach to your audience, try to converse with them. Each listener should feel you are talking to him individually. Sometimes the audience members are too shy to ask questions in front of the group and would like to speak to you after a presentation or during a break.

Visual aids, speaking skills, listening skills are the power of your presentation. Visual aids can make a presentation more effective. The listeners feel stimulated and show more interest. Your presentation with a visual aid can become more vivid and easily understandable. Some of the aids that can serve you well are maps, pictures, charts, animations, slides. Always remember 4P-Position, Possibilities, Problems and Proposals in your presentation. The final slide should contain a message thanking the audience, your contact details, and information about the availability of speaker notes, materials. The language used while speaking should be simple and clear as it builds instant understanding if it is used appropriately. A good presenter has the ability to engage his or her listeners from beginning to end. The ability to listen is a vital skill effective listening involves being receptive to both information and feeling. Always listen without interruption until the other person feels you have heard the whole story.

Dr. Priti Kaushik
Associate Professor, Chemistry
Woman- A Homosapien?

I have known this species of humans since a very long time; even before I cried on the mother earth for the first time. Some of the most common names that these humans have are – mother, sister, friend, wife and daughter. Yes, I am talking about that 48% part of our country, which comprises of the most astounding creation of God, a woman.

It was much before we realized our existence when a woman was there to care for us, our mother. We didn’t know what the real world battle would be like but we had a sister beside us to fight with us and teach us from the very beginning how to tackle that real war. When our souls wanted a mate to share our moments with, we found our friend or wife sitting next to us and lending her shoulder. When we became harsh, our daughter was there to hold our hands and soften our heart.

But today in our country, which is called our motherland, neither our mothers nor our sisters are safe. Some human faced animals attack the free women and make them their preys by cutting down their wings. They misuse their sturdiness in order to kill her self-respect and prestige and the biggest irony is that the victim herself is punished in this case. In fact, this punishment is not only given to a victim woman but to every woman in our society.

A woman in India is often guided by her parents, protected by her siblings and cared by her life partner. But do these shields secure her? A daughter is denied of partying with her friends in the evening while her brother comes home at 10 PM. A sister is not allowed to wear short clothes which might make her feel comfortable. A wife is not expected to have male friends. Is this really called safety? Are we not bounding her of all the rights that she deserves? Are these restrictions not suffocating that woman who wants to live like a free bird? Why is the victim or would be victim punished in our so called high-cultured society and the assailants are roaming free? These questions will lead almost all of us, the Indians, to a single answer, that is, if we do not limiter her; she will be preyed by one of those sleuths wandering on the streets. This is our age old culture which is becoming a noose around the neck for an Indian woman.

Why don’t we, as the female youth of this country, set up a new trend? The first step to improve our status in our society is to know our worth. We have to start trusting ourselves. We need to explore ourselves. Let us travel more often and travel alone. Let us set our own limits. Let us learn how to protect ourselves. Join such classes which teach woman to be self dependent in case of emergencies, learn karate and other similar martial arts. Start keeping a chilli spray in your hand bag. Be responsible for your own safety. Show this world that you are not someone who is dependent on others. You do not need anyone to protect you, instead you need someone to understand you and know that you are also a homo-sapien.

India has apparently achieved equality between men and women around two-three decades ago, but we need to ACHIEVE IT ACTUALLY!

Ms. Prachi Saxena
Assistant Professor, Soft Skills

Philosophy of Life

<table>
<thead>
<tr>
<th>Life is nothing,</th>
<th>If you do not succeed,</th>
<th>Far time once gone</th>
</tr>
</thead>
<tbody>
<tr>
<td>But just a game.</td>
<td>Just smile don’t cry</td>
<td>Is gone forever.</td>
</tr>
<tr>
<td>Who plays the best,</td>
<td>Give the best, you can give</td>
<td></td>
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<tr>
<td>Wins the name.</td>
<td>Make sure the fullest.</td>
<td></td>
</tr>
<tr>
<td>Not all succeed,</td>
<td>Life you live</td>
<td></td>
</tr>
<tr>
<td>But all should try.</td>
<td>You should never</td>
<td></td>
</tr>
</tbody>
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Mr. Saurabh Singh
Assistant Professor, Civil Engineering
Narmada River Project

Narmada is the fifth largest river of the country. It is the longest west-flowing river in India whose water resource is greater than the combined potentials of the Sutlej, Beas and Ravi rivers. Narmada has a total length of 1,312 km with command area of 98,796 sq. km 87 per cent of which lies in Madhya Pradesh(1.5% in Gujarat and 1.5% in Maharashtra). About 45,000 million cubic meter of water annually flows in the river (90 per cent during Monsoon season). A detailed plan was chalked out in 1945-46 to make the optimum utilization of the Narmada River for irrigation, power generation and flood control. But it was in 1947 when the concrete proposal was put forth and the work started in 1961.

The project involves construction of 29 major; 450 medium and 3,000 minor dams and barrages over the river of which the Sardar Sarovar Dam and the Narmada Sagar Dam, are the most important. These two dams cover a total command area of 19 lakh hectares (16 lakh hectares in Gujarat and 3 lakh hectares in Madhya Pradesh) and generating about 3,000 mw of power. The total irrigation potential thus created would be 19.32 lakh hectares (17.92 lakh ha in Gujarat and 1.4 lakh ha in Madhya Pradesh) other benefits of the project include agricultural development, dairying, industrialization, employment generation, drinking water, a forestation, rural electrification and urbanization.

Ms. Rama Singh
Assistant Professor, Civil Engineering

Polymer–Clay Nanocomposite Electrolytes

In last two decades, polymer–clay nanocomposites (PCNs) have evoked an intense industrial and academic research, due to their remarkable improved mechanical, thermal, optical, chemical and electrical properties over pure polymers. Such improvements in their potentially novel properties are mainly owing to the interactions between polymer (organic) and nanoclay (inorganic) at a molecular level and the state of clay dispersion or exfoliation. This opens the way to synthesise a new novel material with pre-determined properties at varying composition of the clay and polymer. The hydrophilic montmorillonite (MMT) clay, which is called inorganic polymer, is widely used for the preparation of PCN materials. The MMT clay is 2:1 phyllosilicate, and chemically it is a metal silicate. Its nanometer-thickness layered sheets are stacked by weak dipolar or van der Waals forces and has both surface and edge charges. In water and various organic polar solvents, the MMT clay has excellent swelling properties owing to the intercalation (absorption) of solvent molecules in the clay galleries and also the adsorption of solvent molecules on its external surfaces of the sheets.

Recently, there has been an increasing interest to develop the novel solid polymer electrolytes and MMT clay added polymer nanocomposite electrolytes (PNCEs) of improved mechanical, thermochemical, electrochemical, and structural stability properties for their technological applications. The main factor that rules the ionic conductivity of PNCEs is to suppress the crystallinity of the polymer and ion pair formation besides the increase of the number of charge carriers. X-ray diffraction and morphological studies have established that the addition of intercalated and exfoliated structures of MMT clay in PNCEs impede the polymer crystallization, which increases their ionic conductivity. Investigations on PCNs have proved that the addition of small amount of MMT clay in polymer matrix makes the polymer amorphous and simultaneously improves its mechanical strength, thermal stability, gas barriers, fire retardance, corrosion resistance, and also the ionic conductivity. The large ionic conduction of PCNE films prepared by solution and melt intercalation routes confirmed their potential use as a novel solid electrolyte material for rechargeable batteries at ambient temperature and also in design of advanced electrochemical devices and will also help us make our environment free from Lithium ion batteries in long run.

Dr. Sonu Sankhla
Associate Professor, Physics
How to read Research Paper

Once you have discovered your research topic, it acts a base to further move deeper into your case. It is important to have an unambiguous understanding of the organization and structure of the research paper. It has been proved that a child benefits the most when he reads more often. A large number of research papers are jilted just because they lack in showcasing the clear objective. It displays poor thinking and feeble analytical skills. For similar scenarios, it becomes imperative to have a clear understanding and interpretation of a research paper.

For efficient reading of a research paper a 3+ approach is followed.

Knowing the overall layout of 3+ approach is not enough. It is essential to know the specifications to have a broader picture. The stage 0 accustoms getting a feel of your paper. You should read and get a clear idea of your title and focus on questions like; how long is the paper? Where is the paper published?

Now moving forward to Stage 1, you need to get the big picture. You should fixate on questions like; what exactly are you looking for? What category does the research paper fall under? What problem does the paper attempt to solve? What is related work and why is it not sufficient, what are gaps?

Stage 2 focuses on getting the details taking into account questions like; what is the precise research question addressed? What are assumptions, scope? What evidence is provided? What is the take-away message from the paper? What problem does the paper attempt to solve? What is related work? What are gaps? How do the authors defend the solution?

Stage 3 and Stage 3+ fixates evaluating and synthesizing the details respectively.

Exercises based on these stages should be conducted to have an exposure to pragmatic approach. Overall, students respond positively to the how-to-read exercise because it quickly shows them that some scientific article sections reveal more than others.

Nitin Lathi
Assistant Professor, Dept Of mathematics
The Heartbleed Bug

The Heartbleed Bug is a serious vulnerability in the popular Open SSL cryptographic software library. This weakness allows stealing the information protected, under normal conditions, by the SSL/TLS encryption used to secure the Internet. SSL/TLS provides communication security and privacy over the Internet for applications such as web, email, instant messaging (IM) and some virtual private networks (VPNs).

The Heartbleed bug allows anyone on the Internet to read the memory of the systems protected by the vulnerable versions of the Open SSL software. This compromises the secret keys used to identify the service providers and to encrypt the traffic, the names and passwords of the users and the actual content. This allows attackers to eavesdrop on communications, steal data directly from the services and users, and to impersonate services and users.

Behavior of Heartbleed

The bug is manifested by sending a malformed heartbeat request to the server in order to elicit the server’s response, which normally consists of the same data buffer that was received. Due to a lack of bounds checking, the affected versions of Open SSL did not verify the validity of the heartbeat request size, permitting attackers to read an arbitrary size of server memory.

By reading an arbitrary block of the web server’s memory, attackers might receive sensitive data, compromising the security of the server and its users. Vulnerable data include the server’s private master key, which would enable attackers to decrypt current or stored traffic via passive man-in-the-middle attack (if perfect forward secrecy is not used by the server and client), or active man-in-the-middle if perfect forward secrecy is used. The attacker cannot control which data are returned, as the server responds with a random chunk of its own memory.

The bug might also reveal unencrypted parts of users’ requests and responses, including any form post data in users’ requests, session cookies and passwords, which might allow attackers to hijack the identity of another user of the service. At its disclosure, some 17 percent or half a million of the Internet’s secure web servers certified by trusted authorities were believed to have been vulnerable to an attack. The Electronic Frontier Foundation, Ars Technica and Bruce Schneier all deemed the Heartbleed bug “catastrophic.” Forbes cyber security columnist, Joseph Steinberg, described the bug as potentially “the worst vulnerability found (at least in terms of its potential impact) since commercial traffic began to flow on the Internet.”

Aastha Verma
II Year, BCA

Technology has Changed the World

Light is used as an information carrier and transmitted in optical fibre cables. Photonic elements are large but they operate at extremely high frequencies of 100 terahertz -- about 10,000 times faster than the desktop computer. But current state-of-the-art nano-electronic devices operate at length scales that are much smaller, making it very difficult to combine the ultra-fast properties of photonic elements with nano-scale electronics.

The surface area of this porous silicon is high,” said Donghai Wang, assistant professor of mechanical engineering. “It is widely used and has a lot of applications.”

The standard method for manufacturing porous silicon is a subtraction method, similar to making a sculpture. “Silicon is an important material because it is a semiconductor,” said Wang. “Typically, porous silicon is produced by etching, a process in which lots of material is lost.”
Wang’s team uses a chemically based method that builds up the material rather than removing it. The researchers start with silicon tetrachloride, a very inexpensive source of silicon. They then treat the material with a sodium potassium alloy.

“The bonds between silicon and chlorine in silicon tetrachloride are very strong and require a highly reducing agent,” said Wang. “Sodium potassium alloy is such an agent.”

According to Judith Martinez Cardoso, co-head of the project at the Department of Physics, this research was supported by the Ministry of Science, Technology and Innovation of the Federal District. “Our commitment is to design batteries that can replace those currently used in the Public Transport System Metro, of nickel-cadmium, which are highly polluting and when breaking eliminates fluid that can cause serious toxicity problems.”

She also notes, that this development would also achieve the creation of optimized polymer electrolyte lithium-ion rechargeable batteries for electric or hybrid vehicles, computers, cell phones and camcorders, including portable systems.

This material (polymer electrolyte) is similar to plastic and, in solid state, has the ability to contain the lithium inside a battery, because of its low weight enables greater amount of driving electric charge with a lower weight.

Akshay Baser
II Year, EC

Transmission of Electric Energy without wires

First time when I saw a mobile, I wondered how these mobile phones work without wires. When I grew up I imagined that transmission of electricity could be possible similarly. Thereafter, I started finding source to know about the transmission of electricity. One of the major issues in power system is the loss that occurs during the transmission and distribution of electrical power which is around 26%. After exploring and searching various references on internet and books I found a very interesting fact that transmission of electrical energy through the natural medium is possible. It requires three things:

1. To develop a transmitter of great power
2. To perfect means for individualizing and isolating the energy transmitted
3. To ascertain the laws of propagation of currents through the earth and the atmosphere

How wireless power transmission works?

“Nikola Tesla” is the one who first conceived the idea of wireless power transmission and demonstrated the transmission of electrical energy without wires. Tesla demonstrated the illumination of vacuum bulbs without using wires. Tesla designed and constructed a Wardenclyffe tower for wireless transmission having three components viz. Microwave Generator, Transmitting antenna and Rectenna.

Advantage of wireless power transmission system

The cost of transmission and distribution becomes less wireless power transmission system. The power could be transmitted to the places where the wired transmission is not possible and loss of power is negligible. Power theft is also not possible in this case.

Ankit Kumar Vyas
II Year, EC
Revolution in Hard Drive Storage Technology

"While capacity on hard disk drives has been doubling every 12 to 18 months, there is a coming sea change that will drive the capacity up 10-fold", according to hard drive maker Seagate. While that is remarkable, past changes and recent technology breakthroughs have led us to today's 6TB data center drives and 4TB desktop drives. Data storage is among the few technological advances that has actually surpassed our current needs.

From one ton and 5MB to 1.5lbs and 6TB: It's hard to believe how far we've come. In 1956, IBM introduced the first hard disk drive, the RAMAC 350 (Random Access Method of Accounting and Control). The RAMAC 350 had 50, 24-in. disk platters and weighed about a ton. It could store up to 5MB of data. Up until 2002, hard disk drives used the same basic technology.

Going perpendicular: In 2002, hard drive manufacturers changed the orientation of bits on a disk drive platter from horizontal to perpendicular. By changing the magnetic polarity of the bits and standing them on end, technologists were able to squeeze them more tightly together and increase the areal density of drive platters. More bits means more storage.

Overlapping the shingles: In 2013, Seagate began using Singled Magnetic Recording (SMR) to squeeze more data onto disks by overlapping the data tracks on them like shingles on a roof. By overlapping tracks, areal densities increased from 1.3 terabits per square inch to 1.4 terabits per square inch. Seagate is on track this year to again improve areal density by up to 25%, or about 1.25TB per disk platter with SMR.

Helium gives drives a lift: In 2013, Western Digital subsidiary HGST released the first drive that was hermetically sealed with helium inside -- the Ultra star He6. The new drive pushed the number of spinning platters inside five to seven and increased areal density on each platter.

Using helium solved several problems. At one-seventh the density of air, helium reduced internal friction, so drives use 23% less power, are 30% quieter and run four to five degrees cooler than previous models. Helium also reduced humidity and other contaminants from getting into the drive and reduced "flutter," a phenomenon where air flowing up and down a disk platter stack can cause read/write head positioning errors.

Adding helium to 3.5-in. drives, allowed capacity to jump by 50%.

Nanolithography and self-assembling molecules: HGST Labs announced last year that it had combined two innovative nanotechnologies -- self-assembling molecules and nanoimprinting -- to create large areas of dense patterns of magnetic islands on disk platters that are only 10 billionths of a meter (10 nanometers) wide. These features are only about 50 atoms wide and some 100,000 times thinner than a human hair.

Each dot can store a single bit of information. This pattern has 1.2 trillion dots per square inch -- twice the density of today's disk drives. HGST expects bit-patterned media to become a cost-effective means of increasing data densities in magnetic hard disk drives before the end of the decade.

HAMR time: The next advance, which will take disk drives to 5Tbit/in areal density, is heat-assisted magnetic recording (HAMR). HAMR, which Seagate patented in 2006, adds a small laser to a drive to change the magnetic properties of the disk. HAMR also uses nanotube-based lubrication to allow the read/write head of a disk drive to get closer to the surface of a spinning platter to write and read more bits of data.

A chief advance with HAMR is the switch from a cobalt platinum alloy, the coating used on today's disks for data bit recording, to iron platinum, a much stronger magnetic material that helps stabilize data bits at smaller sizes. Seagate's first HAMR drives are expected in 2015 or 2016.

However, this revolution is in progress, but it is sure that in future years, it is easy for us to save large data in one drive. These drives will not only have more storage capacity but they can work much faster than our expectation. This revolution will change the style of data storage of many professional fields where it is highly required to save a big data.

Himanshu gupta
II Year, EE-A
Cloud Computing

Cloud computing is changing the world. It's the invisible part of your Smartphone and tablet, the part that holds your apps and files, and lets you work from anywhere. It is a type of computing that relies on sharing computing resources rather than having local servers or personal devices to handle applications. Cloud computing is comparable to grid computing, a type of computing where unused processing cycles of all computers in a network are harnessed to solve problems too intensive for any stand-alone machine. It makes computer infrastructure and services available "on-need" basis. The computing infrastructure could include hard disk, development platform, database, computing power or complete software applications. To access these resources from the cloud vendors, organizations do not need to make any large scale capital expenditures. Organization need to "pay per use" i.e. organization need to pay only as much for the computing infrastructure as they use. The billing model of cloud computing is similar to the electricity payment that we do on the basis of usage. Many experts believe that cloud computing will lead to increased commoditization of computing resources.

Cloud computing does not involve any significant capital expenditure for the organization. Unlike traditional infrastructure, in cloud computing, organizations just use the computing services without procuring it. In some sense cloud computing involves renting the computing resources instead of buying them. As the figure below displays, unlike traditional computing model, cloud computing requires no capital expenditure to acquire initial computing resources.

Here are some examples of cloud computing running company in world like hotmail.com was launched in 1996. It is widely considered as the first cloud computing application. The data is stored at the vendor servers, and users could pay incrementally to increase disk space usage. Many other services have emerged in the last decade that allows users to store information (or perform processing) without paying any upfront charges. These are typically consumer oriented services. Twitter, MySpace, Wikipedia, YouTube, Face book, LinkedIn, Google docs and Blogger all have the characteristics explained above and are examples of cloud computing.

salesforce.com, founded in 1999, was the first successful example of providing software as a service in the business to business domain. salesforce is a CRM tool for sales executives providing features like managing customer details, running promotions etc. Google and Microsoft provide development platforms that can be accessed with "pay-per-use" billing model. All these services are examples of cloud computing. Amazon.com was one of the first vendors to provide storage space and computing resources following the cloud computing model.

Mayank Gupta
I Year, CE
Top Five List of World Trouble Spots

1. China - China is an emerging military and economic superpower with a callous disregard for human right. In 1997, they regained control of Hong Kong. China also claims Taiwan and Tibet, which is considered breakaway provinces.

2. Korea - It is the famine ravished country with reactionary leaders who will stop at nothing to become a nuclear power. North Korea involvement in sponsoring terrorism unrest in Africa is well known.

3. Iran - It dreams of expansionism pose a clear threat in middle-east, and are constantly threatening to involve Turkey and Russia. Iran regards a Russian province of Azerbaijan as a breakaway province.

4. Cuba - a island just 90 miles off the tip of Florida, Castro's regime is not the superpower it once was, at least years, it has embraced tourism as an economic activity, a fitting course of action since, it always has and always will be safe haven country for visiting and feeling tourism, mostly Latin American groups like ETA, FARC, and ELN.

5. Iraq - Having been badly damaged by gulf war, the Baghdad regime paid the ultimate price for continuing to defy U.N. inspections and resolutions, building up weapons of mass destruction, and supporting anti-American terrorism.

Besides these naxal movement in India, guerrilla war in Bolivia and in other parts of the world is also proving disastrous for humanity. There is an urgent need of the world leaders and the organization like the United Nations to step up their efforts for the peace of the world and save our mother earth and make it a better place to live.

Ankita Pareek
CIV-C, II Year

Always be Happy and keep smiling  Life is short

Life is short, make it sweet. There are ups and downs in life and it is important to manage and always be happy. We keep worrying about every incident which comes in our way. Don’t worry about what others say or speak behind you; they are not the one who lives with you forever till your last minute of life. Ignore the people who discourage you, every human in this world has a unique quality, take only the positive things from them and don’t carry negative.

Considering only the positive from each one of them will help you in gaining more self confidence and achieve something better in life. In our daily life, we meet many of them and keep worrying about the unwanted things thinking of what they said, why they said. Just think whether this helps you to succeed in your life? It’s important to carry only what is required for you and leave unwanted things. Choose the path which makes you happy and makes others happy.

Anjali Meena
EE-A, II Year
**Every vote has a count**

Right to vote, it is an honor for a civilian. It is your right to choose your favorite elective candidate. Not only because he is making efforts to facilitate you, but also because you are choosing him. So, it is important to know every single activity about whom you are giving your vote. You have to know what he is doing for you, for your society and most important, for your country. Make sure that your vote is precious and it should be given to the right candidate. Choose one who provide you a better life in terms of food, clothes and space for living, which I think are the basic requirements of a person who is not even able to feed his family. The ‘youth of our country’ - what they want from the system...?? And the answer is EDUCATION...yes every single student of the country wants a better education system from their government. Most of the students are from below poverty line, for them education is the only weapon to improve their living conditions. Some of you may even think that it is not true, but in some small areas of our country it is actually happening. So they need a person who gives an equal chance for competition with others. Every vote is important whether it is from lower caste or from upper, so vote wisely. Do you know women fought for 72 years only for their right to vote? And now the condition is that there is 49% voting by the women. The women who thinks that their vote could not change the system; this is enough to change their thought process. Indirectly they are contributing in women empowerment. Coming to the point, to make a better system, our youth have a big hand in it. As they are educated, smart, and know which candidate will fulfill their needs, they can choose good elective. Young generation must realize that now they are the responsible citizens of the society. They should vote for themselves, for their society, for their country and also make others aware of it and contribute to their country for a change. Because country really needs a change. So, Vote For The Change......!!!!

Deepali  
EE, I Year

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**The Art of Conversation**

As the object of conversation is pleasure and improvement, those subjects only which are of universal interest can be made legitimate topics of pleasantry or discussion. And it is the gift of expressing thoughts and fancies in a quick, brilliant, and graceful manner on such topics.—of striking out new ideas, eliciting the views and opinions of others, of attaching the interest of all to the subject discussed, giving it, however trifling in itself, weight and importance in the estimation of the hearers, that constitutes the great talent for conversation. But this talent can never be displayed except in a good cause, and when conversation is carried on in a spirit of genuine charity and benevolence.

The power of preserving silence is the very first requisite to all who wish to shine, or even please in discourse; and those who cannot preserve it, have really no business to speak. The silence that, without any deferential air, listens with polite attention, is more flattering than compliments, and more frequently broken for the purpose of encouraging others to speak, than to display the listener’s own powers. This is the really eloquent silence. It requires great genius—more perhaps than speaking—and few are gifted with the talent.

Never give short or sharp answers in ordinary conversation, unless you aspire to gain distinction by mere rudeness; for they have in fact no merit, and are only uncivil. Never reply, in answer to a question. We learn plenty of things in the world without having first inquired about them.

Leave quibbling of every kind to lawyers pleading at the bar for the life of a culprit; in society and conversation it is invariably out of place, unless when Laughter is going his merry round. At all other times it is a proof of bad breeding.

Disha Shukla  
EE-A, II Year
An Aura of Austerity

It must have happened to you sometimes, when you meet a person and you start appreciating him up to such an extent that you say, "I want to be like him". It is a super normal biological phenomenon of attraction and getting inspired. It induces a self-bound compulsion in the person to strive for the best.

It is said that every living being has its unique aura. An aura is the distinctive atmosphere or quality that seems to be generated by someone or something. A snake has an aura that makes you freaky, whereas the aura of a rabbit can comfort you. It’s all because of this influencing field that guides your itinerary.

An aura can be both positive and negative. Our mankind has witnessed a myriad of both. Let it be Mahatama Gandhi or Adolf Hitler; they inspired people and the people did what they asked.

One quality that I found common in them was austerity. They abandoned comforts, luxuries and adornments which they could have enjoyed. This austere way of living demands extravagant courage and utter confidence on oneself.

On focusing my discussion to the college, there are two types of people, I have encountered here. The first are the coordinators and the participants. The second is the audience which laughs at the flaws and extemporization, questions the credibility and transparency of an event.

A person of the first category has to face the grim of time loss, health loss, appetite loss, money loss and study loss. After such austere sacrifices and forging, a role model is prepared, ready to inspire, ready to shape the malleable virtues of the rest. Every pain adds a glow, cements confidence and blossoms glory; it is inevitable to stay uninfluenced with such an aura.

For the one in audience, please keep this in mind that the starting point of all achievements is desire. Weak desire brings weak result. Trust and rule your actions so that at the end, you may not have to look back and say "I wish I had taken more ..."

Harshita Dadhich
CIV-A, II Year

Our Garden

Every morning when I enter my college campus I start remembering all the actions which we did and the reactions which we faced. I remember the day when I first discovered this valuable place- the green world of Poornima. Our garden is situated at the back of our college. It is not just a field with miniature green grasses, this circular place is electric. In Chinese macrocosmic symbology, the circle expresses the shape of a heaven which turns out to be cent percent true in our college. The circular garden is actually the heaven of our campus. It is a place where college Einstein makes their ideas pause for a while. It is the place where one cannot differentiate between a jerk and an angel. This place turns out to be magnetic too. Tired engineers bunk their routines to visit this Elysium. The place has its own aroma that generates energy in us. It is the place where we build our friendship bond stronger. It is the place where we solve our silly fights. This is the place where we are caught thousands of times while bunking the lectures. This place has given us memories to share with our friends and teachers. The musical chair event held in our technical fest "Lakshya" was organized. This place is a paradise created for peace and happiness. Our garden represents fertility. We have learned to live our college life here.

Isha Raj
CB-A, II Year
Indian film industry

Bollywood, India’s $2 billion film industry with its centre in Bombay, today’s Mumbai, is celebrating its 100th anniversary. “Bombay Talkies” commemorates this event and shows four short stories about Indians’ love for the cinema, created by the country’s big filmmakers. Exhibitions in many Indian cities are also showing a wide spectrum of past and present films made by Bollywood.

The roots of the India’s film industry go back to 1913 when Raja Harischandra, the first silent film, was produced. It is based on a popular folk tale, the story of an ancient Indian king who loses his country and family. In the last few decades Bollywood films have become widely popular, not only in India, but in other countries as well. In Europe, Indian film stars are becoming better known. While Bollywood is famous for its luxurious, colourful romances it has begun to produce more serious films as well. Bollywood produces more films annually than the US motion picture industry. About 1,000 movies are made and over three billion tickets sold every year. This year Indian movies are to be honored at the Cannes Film festival.

Bollywood films appeal especially to people all over Asia because they represent the Eastern way of life and want to protect people from Western values. However, as Asian societies are becoming more influenced by the west, so is Asian culture.

The successful recipe for Bollywood films is simple. Plots are never complicated, easy to understand and most of the time there are happy endings. A happy mood prevails throughout the films. Dancing and singing are elements that make films almost musical-like. Recently, however, more and more Bollywood films have escaped this cliche. Young directors base their stories on city life and Indian middle classes.

They claim that old-fashioned Bollywood films fail to meet the demands of India’s growing middle classes. Urban cinemastes want to see a different kind of cinema, movies about social problems, in which not everything is solved and has a happy end.

A major success came in 2009 when “Slum Dog Millionaire”, made by a British director Danny Boyle won an Oscar for the best motion picture. Although Boyle claims it is not a Bollywood movie, Slumdog Millionaire captures the atmosphere of Mumbai and has contributed a lot to the popularity of Indian films.

The Indian government is doing a lot to protect the country’s film industry. It has also passed laws to encourage big American film studios to invest in Bollywood and inject more capital into an ever-growing business.

Himanshu Behl
EE- A, II Year

The God & We

A construction supervisor from 16th floor of a building was calling a worker on ground floor. Because of noise, worker didn’t hear his call. To draw attention, the supervisor threw a 10 Rupee note in front of the worker. He picked up the note, put in his pocket & continued to work. Again to draw attention the supervisor threw 500 Rupee note & the worker did the same. Thereafter, the supervisor picked up a small stone & threw on the worker. The stone hit the worker. This time the worker looked up & the supervisor communicated with him.

The story is same as our ‘LIFE’... God, our supervisor, wants to communicate with us from the heaven, but we are busy doing our worldly jobs. Then, he gives us various precious gifts, and we keep them with us, without looking at the source. We are just the same, keeping the gifts without thanking him and say, we were LUCKY. And when we are hit with a small stone, which we call problems, then only we look up & communicate with him. That’s why it is said: He gives gives & forgives and we get, get and forget.

Vijay
CIV C, II Year
Peer Pressure to Measure

Friends......The most important part of student life. They eat with us, sleep with us, walk with us, talk with us, spill gossips with us and hide our dirty little secrets too.

But its not just this, where it ends. There is a lot more. Peers become an important influence on behavior during adolescence and peer pressure has been called a hallmark of an adolescent experience. They affect not only daily routine but also one's style, taste, appearance, ideology, and values. The so-called "group" we die to be a part of enforces us to cross the lines we'd set for ourselves. Technically, peer pressure means being psychologically enforced by friends and peers to do things that will prove their stay in the group as "stud" or "queen". The episodes associated with peer pressure mostly direct us to the cases of 'drugs', 'alcohol', 'drink-n-drive', 'gang rapes' etc. Popular adolescents are the most socialized into their peer groups and thus are more vulnerable to peer pressures. Even intelligent students loose grades as they enter 'the popular kids' zone'. This is possibly due to the fact that popular students spend much more time worrying about their social life and status in school or college rather than studying. Although there are risk factors correlated with popularity. Not only do they affect social life but also relationship with parents and family members as activities due to peer pressure may give rise to a stubborn disrespectful behavior of teens.

Though, this is true that the importance of peers declines upon entering adulthood. But by the time we realize that it was "much ado [ruckus] about nothing", it is too late to amend all of the shit.

An explanation of how the peer pressure process works, called "The Identity Shift Effect", is introduced by social psychologist, Wendy Treynor. According to Wendy, students are tempted to change their identity and personality in order to fit into the social circle. The fear of rejection is a major cause of this. It's the best, if friends are taken as friends and not as standard setters. Peers are to have fun and enjoy and not to spoil your own self. So the wake-up-call is that: you don't have to be someone else or to change to fit into any group, just be yourself. Don't fall under the pressure set by a group of teens that won't even matter after a few years.

Itishaa Singh
CE-A, II Year

The "Mystery" of the Bermuda Triangle

The Bermuda Triangle is a large area of ocean between Florida, Puerto Rico, and Bermuda. Over the last few centuries, it's thought that dozens of ships and planes have disappeared under mysterious circumstances in the area, earning it the nickname "The Devil's Triangle." People have even gone so far as to speculate that it's an area of extra-terrestrial activity or that there is some bizarre natural scientific cause for the region to be hazardous; but most likely, it's simply an area in which people have experienced a lot of bad luck—the idea of it being a "vortex of doom" is no more real than Bigfoot or the Loch Ness Monster.

A Brief History of Bermuda Triangle:

- Some people trace the Bermuda Triangle history back to the time of Columbus. Estimates range from about 200 to about 1,000 incidents of ships and airplanes disappearing in the past 500 years. Howard, an expert on
Bermuda Triangle, claims that more than 50 ships and 20 planes have gone down in the Bermuda Triangle over the last century itself.

- It was in 1952, when the author George Sand first mentioned about the Bermuda triangle in a magazine called Fate. In this magazine, he mostly described the Flight-19 incident where the U.S navy airplanes went missing in 1945. He also mentioned about the ship Sandra that disappeared in 1950.
- In the whole of 1950s, the stories of Bermuda triangle basically had been spreading by the word of mouth. Every time there was a new incidence, people used to refer to that area by Bermuda triangle. In early 1960’s though, it acquired the name The Deadly Triangle.
- In 1962, the author Dale Titler in his book The Wings of Mystery started introducing concepts like the electromagnetic phenomenon and such. This was the book which actually started to trigger all the discussions and hypothesis about Bermuda triangle.
- Again in 1962, Allan W. Eckert wrote about some interesting dialogue from Flight-19 in one of the American magazines. This sensational article The Mystery of the Lost Patrol became extremely popular. He mentioned reports from Flight-19 stating... “the ocean looks strange”, “...all the compasses are going haywire”, and that they could not make out any directions and so on.
- The name “Bermuda Triangle” is generally attributed to the writer Vincent H. Gaddis who first used it in a 1964 article he wrote for Argosy magazine. Gaddis wrote a book Invisible Horizons in 1965 that further helped spreading the concept of the Bermuda Triangle.
- In 1969, John Spencer stated that the area had no real shape and tried to include the Gulf of Mexico as well as New Jersey as part of the area. It sold in limited quantities, but was later reproduced in paperback in the early 1970s and did well.

Facts and Myths:-

- So looking for the facts behind the mystery of Bermuda Triangle? More than 1000 ships and planes have disappeared in the triangle area over the past five centuries and continue to do so. And all these happen when apparently there are no human errors, equipment failures or even natural disasters. Strangely, the ships and aircraft just vanish when everything seems to be okay. Many believe that Devil is at play here and therefore call the area also as Devil’s Triangle.
- The facts however are quite far from what is generally known or believed to be true. There are many stories and myths created through sheer imagination by writers who have used them rampanty to draw publicity to their books. In many cases, the facts got blurred. But one thing which is beyond doubt is, far too many incidents have taken place in this area that have kept the whole world baffled for ages. It is a mystery!
- Bermuda Triangle is located off the South-Eastern coast of the United States and in the Atlantic Ocean. The three corners of the triangle are: Miami (Florida); San Juan (Puerto Rico); and Bermuda (a north-Atlantic island).

Pawan Kumar Sahrma
CIV, II Year
Be A Beautiful Thinker

Always become a beautiful thinker. Commit to making each of your thoughts a thinking of beauty. Devote yourself and expand your ideas innovatively in a beautiful manner.

To get to world class, it is absolutely essential to become an excellent innovator. Relentlessly making things better and passionately discovering new ways to add value, work smarter and move faster are core creative traits that the best in business live by and to be astonishingly creative and generate those big ideas that catapult you to your highest level.

You can become what you think about. And the thoughts you use become self-fulfilling prophecies. Expect extraordinary things to unfold for you, and they will.

British Prime Minister Benjamin Disraeli said: "You will never go any higher than your thinking". As a human being you will never act in a way bigger than your thoughts. Dream big and your behavior will follow. Think small and you will play small. Think you deserve best and your action will then drive better result. Expect to be world class in your career or within your community and that brilliant thinking will shape the way you work as well as the way you live. And that exceptional conduct will drive exceptional outcome.

Your thoughts do shape your reality. Your thinking does from your world. What you focus on truly will expand. And what you dwell upon will most definitely determine your destiny.

Jaya Kumari Malav
EE-A, II Year

Jobs After Engineering

A job after engineering is the hottest question for a student who is entering in engineering or pursuing B.Tech. If you ask a question to yourself that, after B.Tech what can I do? Then I’ll say that, once you have completed your B.Tech the world becomes your oyster and there are variety of things you can do. You have all most all avenues that are open to you after you have completed your graduation in engineering. First it is necessary for one to decide that in which domain he is interested.

There are two options you can prefer after your B.Tech degree. If you are economically efficient and do not require a job, it is better you go for your further studies or you can set up your own business. A specialization will always earn you more as well as priority during interviews and of course sound grip over subject. Else you can find some job. If you prefer for further studies than you can go for M.Tech, MBA or other post graduation courses.

After B.Tech what can I do?

1. **Directly go in for MBA:** If you want to, you can go in for a MBA programme directly after the completion of graduation. For this you will need to first appear for all the entrance exams such as CAT, XAT, SNAP etc. so that you can get admission in a reputed college
2. **Specialize in your field of study**: In case you are not interested in doing an MBA, you can go in for an M.Tech, and specialize in the field of study that you chose for your graduation. For this also, you will need to start preparing for the exams well in advance.

3. **Get selected in the campus interviews**: In case you do not want to pursue higher education then you have the option of getting into a company after your graduation and for this you need not go around looking for a job as there are many companies that will be coming for campus recruitment to your college.

4. **Appear for the Civil services exams**: This is a great option for those who want to be a part of the administration and after the completion of your graduation you can give your complete attention to the preparation of the UPSC examinations that are very tough and need a lot of focus.

5. **Set up your own business**: If you do not want to go in for further studies or for that matter work as an employee in anyone else's company, you can set up a business of your own and work by yourself or in a partnership.

6. **Go in for animation**: There are many animation courses that are available and you just need to join them. It is an interesting field of study. You'll surely enjoy the course and later you can take it up professionally.

7. **Go abroad and study**: It is also a good option and you will get global exposure in case you have chosen to study abroad. Also, you will be able to pick up a job while you are studying there, and might also want to permanently settle there in the future.

8. **Go for Research**: You can go for research after B.Tech, if you are good in academics. It is also a very good choice after B.Tech.

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**Rahul Singh Panwar**
EC, II Year

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**Life is Beautiful - It Is All about Giving Others**

‘Life is full of colours & it is so beautiful. Life is totally about giving others. The more love we give, the happier we become. The more we help others, and forget about ourselves for a while, the happier we become.

Happiness lies in thinking of others’ happiness instead of thinking about us. There we face many challenges in life. These challenges are what make life interesting and overcoming them is what makes life meaningful and happier.

Someone has said, "At the end of life we will not be judged by how many diplomas and degrees we have received, how much money we have made, how many great things we have done instead, we will be judged by "I was hungry, and you gave me something to eat. I was naked, and you clothed me. I was homeless, and you took me in".

Life is totally an opportunity, benefit from it. Mother Teresa said "I have found the paradox, that if you love until it hurts, there can be no more hurt, only more love".

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**Shubham Gudhainiya**
CIV C, II Year
PHILANTHROPY:
Love for Humanity or Manoeuvre of Humanity for Profit

‘Philanthropy’, the etymology of the word refers to “What it is to be Human and for Human”. As soon as we hear the word Philanthropy our mind forces to capitulate and believe that it means private initiative to do good for humanity and enhance the quality of life...but does the Entrepreneur world allows us to think so???

The entrepreneur world has given a new meaning to the word “Philanthropy” which teaches us humanity loving...If humanity gives something in return, and gave it a new term “Corporate Social Responsibility”. This CSR has created a win-win situation for the companies to make profits.

Companies say they are doing well for society... Oh! Really? Who is doing well for whom? To take an example of simple corporate philanthropy, when corporations make donations as charity they are giving away their shareholders’ money, which they can only do if they see potential profit in it... There is always a underlying financial motive.

CSR for companies have become a way to increase their brand image, gain legitimacy and access to market...

Initiating self towards starting up an NGO is another strategy of corporate towards benefiting from society...these NGO’s are restricted to funding from external sources only. These corporate take from society to give back to society. Where is corporate doing its part? Where’s society benefit? Does it satisfy the term Corporate Social Responsibility?

For me CSR is just a balancing term to equalise the losses to the society made by the company...What’s your opinion?

Shahryar Mirza
BBA, II Year

World's largest solar steam system at Shirdi in Maharashtra

World’s largest solar steam system has been installed at Sri Sai Baba Sansthan, Shirdi in Maharashtra, an official release said.

The solar steam system, which was recently inaugurated by New and Renewable Energy Minister Farooq Abdullah, has been designed for cooking food for devotees visiting the Sai temple, according to the release.

By installing the solar powered cooker, at a cost of Rs 1.33 crore, the organizer can cook food for 20,000 people per day incurring cheaper cost on fuel.

The Center has granted a subsidy of Rs 58.40 lakh so that Sri Sai Baba Sansthan can save every year one lakh kg of LPG, estimated to cost Rs 20,00,000.

Some of the other large solar steam cooking systems installed include one at Mount Abu in Rajasthan for 10,000 people per day, Tirupathi in Andhra Pradesh for 15,000 people a day.

The steam system at Shirdi generates about 3,500 kg of steam every day. The system will generate steam for cooking even in the absence of electricity to run the feed water pump for circulating water in the system.

Compiled by: Vijay
Civil - C, II Year
अभिव्यक्ति का और ले जाने वाली सीढ़ी

अच्छा नजरिया रखने वाला व्यक्ति हर मौसम में फलने वाले फल की तरह होता है। जिसका हमेशा स्वागत किया जाता है। अपने साथ बदलकर उनकी पूरा करना चाहिए कोई भी अभ्यस्त काम हमारी हिम्मत को वैसे ही खत्म कर देता है। जैसे पानी टैंक में कोई छेद टैंक को खाली कर देता है। इसलिए हमें हर काम को तुरंत करने की आदत डालनी चाहिए। हमें ज्ञान अक्षर-शिक्षा की जरूरत नहीं बल्कि चरित्र बनाने वाली शिक्षा की ज्ञान जरूरत है। वैदिक शिक्षा (Intellectual education) जहाँ विभाग पर असर करती है। वहीं मूल्य (Values) पर आधारित शिक्षा चरित्र निर्माण और नैतिक मूल्य को बढ़ाने व बनाने है। हमें सही मानव में जरूरत है।

“बहुमूर्ख शिक्षा की” Students को खाल खुबियों और कार्यकलाप को खोए बगैर जिन्दगी के लिए तैयार रहना ही बहुमूर्ख शिक्षा है। कामयाब लोगों के पास एक sixth sense होती है। जिससे वे अभिमतों का प्रयोग करते हुए कामयाबी की सीढ़ी चढ़ते हैं।” लगतार अच्छी शिक्षा से अच्छी सीख को बढ़ाना मिलता है।

शिक्षा के कई रूप हैं।

- शाक्ति का बढ़ाना Cultivate your strength
- आत्म अनुशासन Self-discipline
- सुनना समझना Listening
- सीखने की इच्छा होना Desire to learn

“अगर आप सोचते हैं कि ज्ञान पाना महंगा है, तो तुम न सीतो देखें।”

“जीतने वाले कोई अलग काम नहीं करते, वे हर काम को अलग ठंग से करते हैं।”

शिव खेड़ा शिक्षा का भण्डार है। जिससे हमारे स्वाभिमान का निर्माण होता है। स्वाभिमान व दूरदृष्टि की कमी हमें बेहतर हस्तलक्ष करने देती। अगर आप चील की तरह आसमान में ऊँचे उड़ना चाहते हैं। तो चील के तौर-तरीकों को भी अपनाना पड़ेगा। ”मूल्यवान लक्ष्य की लगतार प्राप्ति का नाम ही सफलता है।” जीतने के लिए सदैव “शैल” (Excellence) हस्तलक्ष करने की कोशिश करनी चाहिए। विना संघर्ष के जीवन में कुछ भी हासिल नहीं होता। सफलता इस बात से नहीं मापी जाती है। कि जन्तुओं में हमारा क्या आहत है बल्कि इस बात से मापी जाती है कि कितने सोच्चालों का समान करने उसे पाया है असफलता ही सफलता का रस्सा है सफलता आपके लक्ष्य पर निर्भर होती है। अतः लक्ष्य को Smart होना चाहिए।
युवा

उल्ल कहा है देश हमारा, भ्रष्टाचार की आग में युवा है तैयार मिलाने को, अन्तमा कि आई में बंद करो घोटाले अब सब, बहुत हुई नुकसानी चोरी जितनी का काम थी, अब नहीं चलनी सीमाओं तक बदलना होगा देश को, नहीं चलना यूं काम क्रिकेट को मिलते है करेंगे, और शहीदों को मेडल का इनाम जब सबकी आवाज आदमी की, जुड़ा उठा के उस ने मारा संकेत था वो सिर्फ कि, तैयार है युवा हमारा।
अब मत करना कुछ भी गलत, ये सहा नहीं जाओगा दोड़ता था अंदीजों को, वो ही वक्त तुम्हारा भी आएगा।
नूकर हो तुम जनता के, मत समझो अपने को राजा काम दिया है देश चलाओ, दूर ना अपने पॉवर फैलाओ।
पढ़ने महंगे पाओ फैलाओ, जब युवा लगने देश चलाने उड़ जाओगे उस आंधी में, क्यों कि ताकत बहुत है इस आवादी में।

विकस सोमानी
BCA, II Year

मतदान का महत्व

हमारे लिये ये गर्व की बात है कि संसार का सबसे विशाल लोकतंत्र देश भारत में है। यही लोकतंत्र भारत का भविष्य सुनिश्चित करता है कि आगे आगे वाले समय में भारत प्रगति की राह पर चलेगा या नहीं। इस भविष्य को निर्धारित करने के लिये हमारे संविधान में एक पारदर्शी चुनाव प्रणाली की व्यवस्था है जो लोकतंत्र की परिभाषा "जनता का, जनता के लिये, जनता के द्वारा किया गया मतदान" का अनुसरण करती है। इस प्रणाली में देश की जनता प्रत्येक पांच वर्ष में अपने देश के प्रधानमंत्री का चुनाव करती है। हर एक देश का प्रधानमंत्री उस देश आइयान होता है जो दूरिया के सभी देशों की समान हो अपने देश का प्रदर्शन करता है। उसी के मार्गदर्शन में देश आगे बढ़ता है।
अगर हम चुनाव प्रति जागरूक नहीं हैं तो उसका फल आगे आगे वाले समय में हमको ही भुगतान पड़ता है। इसीलिए हमें आधिक से आधिक मतदान करने के चुनाव को सकलता बनाना चाहिए। मतदान करते समय हमें ध्यान रखना चाहिए कि हम किसी अयोग्य व्यक्ति की तो अपना क्रिमिटी मत नहीं दें रहे हैं। अगर सभी मतदाता चुनाव के समय किसी जात पात, धर्मविशेष बोकर में न पड़े और किसी नेता के द्वारा नागी जाने वाली रकम के बहकावे में न आये तो हम किसी अच्छे प्रतिनिधिच का चयन कर सकेंगे। जो आगे चलकर आपके क्षेत्र के विकास में सहयोग करेगा।

अमन कुमार गुप्ता
CE-A, II Year
icamente होगी उतनी ही करीब........

पीछे मुड़ जो तू अपने कदमों के निशान तक न देखेगा
मंजिल होगी उतनी ही करीब जितना तू आगे चलेगा
जससे है पानी की एक फुहार की बस
फिर देख तेरे बाकि का गुलाब किस तरह खिलेगा.......

पत्थर और घड़ाने तो होती है रास्ते की रूपांतर
पर कबूल कर इन्हें और मान ले तेरी रह की एक बनावट
हो गया, झुलसेगा, झुड़ोगा और बहकेगा
पर मंजिल होगी उतनी ही करीब जितना तू आगे चलेगा........

दिन मिलने से कभी कम नही होते और रास्ते,
नापने से कभी सिकुद नही जाते
कितने भी भी और चीजें ना हो पड़, पर उठते वही
है जो अपने परो को है फैलते.....

ख्यात सिर्फ मंजिल के देखते हुए जैसे जैसे तू बढ़ेगा
मंजिल होगी उतनी ही करीब जितना तू आगे चलेगा........

काव्यिकता है तुझमें इतनी, वस्तु चाहाए की देर है
खुदा से बदलकर विश्वास जो तू अपने बन पर सख्तेगा
मंजिल होगी उतनी ही करीब जितना तू आगे चलेगा........

ओँक से खोल ज्ञान, अंधेरे में भी रोशनी तो ढेर है
हर तीर निशाने को तभी पाता है, जब मन में लक्ष्मण होती है
झुलसी रातो में ही तो मंजिल की एक झलक होती है
हर जान, हर ज्ञान, हर संगठन जब अपने मन से करेगा
मंजिल होगी उतनी ही करीब जितना तू आगे चलेगा........

आसमान फिरता भी फैला करो ना हो, खाड़ो से पर पह नही होता
रास्ता निर्मित ही लंबा कर्क्षण ना हो, मंजिल से पह नही होता
पीछे मुड़ जो तू अपने कदमों के निशान तक ना देखेगा
मंजिल होगी उतनी ही करीब जितना तू आगे चलेगा
मंजिल होगी उतनी ही करीब जितना तू आगे चलेगा........
क्षमा
क्षमा, दया, तप, त्याग, मनोबल सबका लिया सहारा,
पर नर व्याध सुयोग्य तुमसे कहो, कहां, कब हारा!!
क्षमा सही हो रिपु समक्ष
तुम मुझे बिनते जिलमा हो!!
दुश्मनों ने तुमको कायर समझा उल्टा ही!!
क्षमा शीघ्रते उस भूज्ञ को
जिसके पास गरल हो,
उसका क्या जो दत्तसीन, विशदीन, विनोत, सरल हो!!
तीन दिवस तक पंथ
मांगते रघुपति सिंधु किनारे,
बेठे पद्ते रहे छंद
अनुजन के प्यारे प्यारे
उत्तर में जब एक नाद भी,
उठ नहीं सागर से,
उठी धरक अधिर पोखर की,
आग सम के शर से!!
सिंधु देह धर "वाहित वाहित"
कहता आ गिरा चरण में, चरण पूज, दास्ता ग्रहण की
बंध गूढ बंधन मी!!
सच पूजो तो शर मे ही
बसती है दीपती विनय की,
सन्धि- वचन सम्पूर्ण उसी का,
जिस मे शक्ति विजय की!!
सहनशीलता, क्षमा, दया को
तभी पूजता जग है,
बल का दर्प धमकता उसके
पीछे जब जगमग है!!

Anmol Chaturvedi,
Assistant Professor, Dept. of Electrical

पूर्णिमा विश्वविद्यालय
पूर्णिमा विश्वविद्यालय की स्मृति मे हम सबी मिलकर जाते हैं, अन्तर भन अभन को शब्दों मे दोहराते हैं।
पूर्णिमा परिवार के हम है कृतदर्श आभारी, जिनकी दिन्म कृपा से बनी यह कृति प्रयारी!!
सुन्दर प्रांगण, नयी तकनीकी, और मैत्रिक वातावरण हदय पुलिकत करते,
रूचि, शांति और मधुर वातावरण जीवन मे उस भरते, सभी योग्य शिक्षक शिक्षकाक भागी दर्शन करते हैं,
नित नये व नृत्य जीवन के आयाम बनाते हैं, इनके आशीर्वाद सी प्रेरणा मे विद्यार्थी सदा ही सुख पाते हैं,
पूर्णिमा विश्वविद्यालय, जिनकी दिन्म कृपा से बनी यह कृति प्रयारी!!
धन्य-प्रार्थना यह शिक्षा का मंदिर हमको है प्राणों से प्यारा। यहाँ संकल्प जीवन का इतिहास हमारा,
ज्योति पूज बनकर हम पूर्णिमा विश्वविद्यालय का यश फहराते हैं,
पूर्णिमा विश्वविद्यालय, जिनकी दिन्म कृपा से बनी यह कृति प्रयारी!!

Dr. Avinash Pareek,
Associate Professor, Dept. of Management
पुर्णिमा गान

जय जय जय पुर्णिमा संस्थान,
मरुमूमि अभिनन्दन करती, अरावली देता मुस्कान

उन्नत शिक्षा आदर्शों पर, आधारित जिसकी संस्थान,
ज्ञानम् बिना न किमपि साध्वम्, जिसका जीवन द्रत महान्

युवा शिल्पी रहते रचनारत, यज्ञ कला कौशल अपनाकर,
विद्युतः सूचना, संगणक से, अंतरिक्ष तक मरें उदान

मानवता से करें प्रकाशित, ज्ञानदीप की लौं जलाकर,
तारागण सम सदा चमकते, जनमानस का करे कल्याण

करें वन्दना, सरस्वती माँ की, पूर्ण हो मन की अभिलाषा,
सूरज हित दुःख निगत परिप्रेक्षण, भ्येय राष्ट्र का नव निर्माण
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