VISION
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.

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

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

FROM THE DESK OF EDITORS
It is a matter of proud privilege for our Editorial team to bring the first issue of annual university magazine "Poornima Spectrum".

Albert Einstein once said, "The job of a teacher is not to teach but to create an environment conducive to learning". Poornima University attracts genuinely intelligent youth from across India. It is imperative for us, the educators to create opportunities and the environment for the youth that facilitate their learning. Poornima Spectrum is yet another attempt to provide a platform for our students to learn by joy of expression.

Poornima Spectrum is a chronicle of the year's events, functions, activities and various other features of Poornima University. In the pages that follow you will find an honest attempt of the students & faculty members to bring out a magazine with a difference. To the discerning eye, this magazine may contain few flaws. But in the words of Scott Adams "Creativity is allowing yourself to make mistakes. Art is knowing which ones to keep." Poornima Spectrum has started its journey in the orbit of perfection and it will always remain in a constant strife for excellence as it is committed to give the students the better for the best.

We express our deep gratitude to our President for giving us a free hand in the publication of this magazine. Our colleagues and the students for their contributions towards this magazine.

Gathering the resources, compiling them and presenting them in this form needed a lot of effort and our team has burnt midnight oil for this wonderful work.

Happy Reading!

Editorial Team
I am happy to know that Poornima University, Jaipur is going to bring out its first Annual University Magazine.

India is a young nation. Today, half of our population comprises of youths. To meet the challenges posed before us in the 21st Century we need to prepare a professional and competent cadre of youths. Students studying in universities and colleges should be prepared for playing an important role in the development of our nation. Annual University Magazine nurtures the creativity of students and gives them an opportunity to pen their innovative ideas as well. It is a mirror which shows the curricular, co-curricular and extra-curricular achievements of the institution.

Hope that while providing an excellent forum to the students to express their creative thoughts, the first edition of this Annual University Magazine would be a source of information and knowledge with focus on professionalism.

I send my good wishes for the success of the endeavor.

(Ashok Gehlot)
I am glad to learn that Poornima University is coming out with the first issue of its annual magazine, 'Poornima Spectrum'. It is heartening to see that in a short span of ten months Poornima University has emerged as an innovative, educational entity with strong focus on excellence in work-relevant education and high quality research keeping with the needs of the industries and community.

"Every student can learn. Just not on the same day or in the same way." -George Evans. Campuses of tomorrow are laying stress on Collaborative learning environment, where students can freely interact and form ideas together. There is no doubt that PU with an open minded management and committed faculty would be transformed into a dynamic learning environment.

The students may learn a few subjects through reading books but in order to enrich themselves, they need originality of thoughts and practical expressions. For the students, I would like to quote: C. JoyBell C. "University can teach you skill and give you opportunity, but it can't teach you sense, nor give you understanding. Sense and understanding are produced within one's soul."

I am sure that the first issue of magazine would provide relevant enlightened information to all its readers. I congratulate all contributors to progress of PU and wish excellent success to 'Poornima Spectrum'.

(Dr. S. M. Seth)
It is a matter of satisfaction for me that the university is able to bring out its first magazine at the end of second semester i.e. even before the end of 1st academic year.

The faculty, students and staff have worked round the clock to meet the deadlines given to them for completion of the work. They deserve my gratitude & congratulation for work.

WELL DONE!!

I hope that the reader would agree with me that this effort by the university including its graphic designer – Sakshi Printer coordinated by Gaurav Mohan Mathur, Rahul Singhi and team have done a good job.

This is only the beginning and I am aware that we could have added and improved on several features but I assure you from next year we shall give you a better & more impressive magazine. Not only because of the effort of the editorial team but because of the university will have more achievements to share with you.

With best wishes.

(Ch. Kanta Ahuja)
Prof. N. K. Bansal
Chairman PU Advisory Board
Professor (Retd.) IIT Delhi
Ex Vice Chancellor MVDU
Advisor, IT Power Group, UK

This is heartening to note that Poornima University (PU) Jaipur is bringing out first annual magazine of the University. In a short period this University has created world class academic and physical infrastructure due to untiring efforts of the management and of course the support of all who matter in the University. Located in a city of history, heritage and culture, PU is involved in imparting quality technical and management education along with inputs for ethics and values. This University is open to any new idea that helps her students and teachers, who are the main components of a University system. Teachers impart knowledge and information and they should know that they have to deal with complex individuals who have different interests and learn differently. They need to build environment and relationships between an educationist and a disciple, who work coherently and closely for required intellect in an academic programme.

Teaching is a great and honorable profession that creates individuals for variety of skills that are required by the society, state country and world at large. The teachers and students have no foes and have no malice. They are together to finish the work to serve the society and nation. On this happy occasion my best wishes and I am sure PU is certainly developing in to a great institution.

Prof. N.K. Bansal
Mr. Shashikant Singhi
Secretary, Shanti Education Society
Architect, Motivator & Educationist

I am delighted to know that Poornima University is publishing its first university magazine, ‘Poornima Spectrum’.

Poornima University has been witnessing a meteoric rise on every educational parameter, over the past one year. Backed by the state-of-the-art technology and a talent-pool that matches the leading corporate houses, the university is rapidly moving on path of excellence, in response to ever increasing demands of the industry and society. With several first-of-its kind features in its repertoire, now university magazine is ready to set one more milestone in the glorious journey which started one year back. A magazine reflects the philosophy and working strategy of an institution for the betterment of a scholar.

I extend my best wishes to editorial board, staff, students and all those people who are associated directly or indirectly in making of this magazine.

All the best.

(Mr. Shashikant Singhi)
It gives me immense pleasure to know that our young and budding Poornima University is ready to present its first annual magazine, 'Poornima-Spectrum'. Here I recall the profound words of Martin Vanabhee:

"The kind of world we live in tomorrow depends - not partially but entirely - upon the type and quality of education of our children today"

As we all are aware, presently the world is passing through a phase of upheavals and people especially students, are full of fear, fret and at the same time obsessed with feeling of anxiety and insecurity. However, we should refuse to surrender to these things quite timidly. We must remember "tough times do not last but tough people do". As Eleanor Roosevelt observed - the future belongs to those who believe in the beauty of dreams. There are men who dream and men who live in reality, then there are those who turn one into the other. After all, trying is the touchstone of accomplishment. I can say with complete confidence that Poornima University presents one of the finest institutions in this era, and University magazine is the evidence of the same.

I fully understand that bringing out a quality magazine and on top of it - the inaugural issue - is a herculean task, I extend my heartfelt congratulations to everyone associated with 'Poornima-Spectrum' and Poornima University.

Wishing all the best.

(Dr. K.K.S Bhatia)
Editorial Board

Patron
Dr. Kanta Ahuja
(President)

Advisors
Dr. Manoj Gupta
(Dean, SET)

Editorial Team
Mr. Kapil Totliani
(Asst. Professor, Soft Skills)
Ms. Rekha Gupta
(Asst. Professor, Soft Skills)
Ms. Mikku Dave
(Asst. Professor, SOC & SOM)

Special Thanks
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(Registrar)
Ms. Garima Mathur
(Asst. Professor, Deptt. of ECE)
Mr. Amit Gupta
(Chief Proctor)
Mr. Gaurav Mohan Mathur
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Forward

Content | Page No.
---|---
Our Attributes | 8
Poornima Foundation & It's Society | 9
Poornima Foundation Advisory Board | 10
Poornima University Academic Advisory Board | 11
Our Core Strength-Faculty | 12
Infrastructure | 13
Academic Alliances and Global Tie Ups | 14
Courses Offered | 15
School of Engineering and Technology | 16
School of Management | 18
School of Commerce | 18-19
School of Planning and Architecture | 20
School of Basic and Applied Sciences | 21
Masters and Doctoral Program | 22-23
Events and Happenings | 24-31
From the Corridors of PU | 32-33
Examination, Results & Toppers | 34-35
Faculty Participation | 36-37
Central Library | 38
Hostel | 39
Cafeteria & Transport | 40
Parent's Speak | 41
"A Day in the life of a Poornimite" | 42
Media Coverage | 43
Innovations and Initiatives | 44-55
Foundation Batch-Group Photographs | 56-58
Articles | 59-80
अभिव्यक्ति | 81-84

Annual Magazine-2013
Our Attributes

Knowledge is Power

Annual Magazine-2013
Poornima Foundation

Poornima Foundation, which comprises of Poornima University (PU) and Poornima Group of Colleges (PGC), is promoted by a well-known sponsoring body, Shanti Education Society, which was registered in 1999 under Rajasthan Society Registration Act, 1958. Dr. S.M. Seth, former Professor, IIT Roorkee & Director, National Institute of Hydrology, is the Chairman of the society. It established Poornima College of Engineering in 2000 followed by Poornima Institute of Engineering and Technology in 2007, Poornima School of Management in 2007, Poornima Group of Institutions in 2009 and now Poornima University in 2012. By 2012 Poornima Foundation has grown into the largest network of professional education - with 4 campuses, 5 institutions, 10,000+ students & 1,050 faculty & staff members.

Poornima Group of Colleges includes four colleges viz. (1) Poornima College of Engineering (PCE), (2) Poornima Institute of Engineering & Technology (PIET), (3) Poornima School of Management (PSOM) and (4) Poornima Group of Institutions (PGI). These institutions are imparting education in the field of Engineering and Management. They all are approved by A.I.C.T.E. and are affiliated to Rajasthan Technical University. At present, a total of 8,200 students are studying in B.Tech, M.Tech and MBA programmes in the constituent colleges of the group.

From the Academic Session 2012-13, Poornima Foundation has come up with its most ambitious project, Poornima University. Started with a student strength of approx. 1000 studying in varied Under Graduate (B. Tech., BCA, B. Com., BBA), Post Graduate courses (MBA, and M.Tech.) and Doctoral Programmes in Management, Engineering and Basic Sciences, Poornima University is aiming to promote quality education, implement innovations and experiment with upcoming techniques and technologies which shall imbibe the students with required competencies in addition to the core curriculum.

Poornima University is driven by a strong Vision and Mission which reflects its strategic planning and has laid down its policy for ensuring the promotion of quality education and benefit of all stakeholders.

Shanti Education Society: Our Promotor

Poornima University is promoted by Shanti Education Society which came into existence by registering with the Registrar of Societies, Government of Rajasthan, in the year 1999. The founder Chairman of SES is Shri Manohar Lal Singhji and founder Vice Chairman is Late Shri Arun Chandra Singhji. The main objective of Shanti Education Society is to promote technical & professional education in the state of Rajasthan with state-of-the-art infrastructure and strong academic philosophy.

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

Shanti Education Society today owns 2,00,000 sq. m. land area at Institutional areas developed by RiICO at Sitapura & Ramchandrapura in the form of four campuses which house PCE, PIET, PSOM, PGI and Poornima University. Poornima University is committed to bring about perceptible change in the society with its inbuilt innovative and equitable practices and systems. The University aims to achieve world class excellence in imparting knowledge, research and teaching in addition to making invaluable contributions to the social, educational and economic development of the nation. The University aims to create not only graduates but employable professionals and good human beings. Poornima University has been designed to provide the necessary dynamism and flexibility in the light of expanding knowledge and changing socio-economic requirements of modern society. Turning information into workable ideas and knowledge into wisdom is the cutting edge that students get at Poornima University.
Poornima Foundation - Advisory Board

Chairman
Padma Bhushan Shri D.R. Mehta
Former Dy. Governor, RBI and
Chairman SEBI

Member
Dr. Kanta Ahuja
President, Poornima University
Ex Vice Chancellor, UtR & MDS University

Member
Mr. Indrajeet Khanna
Former Chief Secretary
Govt. of Rajasthan

Member
Prof. Vijay P. Singh
Professor
Texas A & M University, USA

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Prof. V.Sinha
Ex-Prof. IIT, Kanpur
Ex-Director, LNMIIT, Jaipur

Member
Dr. S.S. Acharya
Ex-Director
Institute of Development Studies

Member
Mr. V.K. Ladia
Chairman & Managing Director
Shree Rajasthan Syntex Limited, Udaipur

Member Secretary
Dr. S.M. Seth
Chairman, PJ Foundation
Director General, PGC
Former Director, NH Roorkee

Meeting of Poornima Foundation Advisory Board, 2012-13

Annual Magazine-2013
Poornima University - Academic Advisory Board

Poornima University’s main strength is the well-qualified, richly experienced and academically highly competent Advisory Board. All of them have high academic credentials acknowledged by front-line institutes all over the world. Most of them have long and rich industrial experience. They are actively involved in research and publications. The pedagogic resourcefulness has attracted many students from different parts of the country and nation. Student of Poornima University are fortunate to benefit from their expertise, experience and mentor-care, all of which have proved to be assets of Poornima University.

Prof. N. K. Bansal  
Professor (Retd.) IIT Delhi  
Ex Vice Chancellor NVDU  
Advisor, IT Power Group, Uk

Dr. P.C. Jain  
Principal, Shri Ram College of Commerce, Delhi

Dr. Ashok Haldia  
Director, PTC India Financial Services Limited

Prof. H.D. Chhaya  
Ex-Professor In-charge & Consultant, School of Planning and Architecture (SPA), Vijayawada

Dr. G. L. Asawa  
Professor (Retd.) IIT Roorkee  
Professor, Civil Engineering & Dean, GLA University

Dr. Pawan Surana  
Retd. Prof. of German Language  
Rajasthan University, Jaipur  
& Renowned Social Worker

Sanjeev Vidyarthi  
Faculty, Urban Planning and Policy Program, University of Illinois, Chicago, USA

Meeting of Poornima University Academic Advisory Board, 2012-13
Our Core Strength-Faculty & Staff
Best Infrastructure for Quality Learning

The infrastructure of Poomima University is the best for quality learning. The University is constructed on a land of 32.67 Acres with a total built area of 40,000 sq. mt. The infrastructure is planned in such a manner that it supports all the needs and requirements of every department of University. The basic infrastructural components of Poomima University are:

- Library which houses a comprehensive collection of over 15,000 books, magazines and other reference material. The University also subscribes to several reputed national and international journals pertaining to the prescribed curricula as well as general technology - related areas. Poomima University is also a member of DELNET which is connected to the esteemed library systems of the country so that the students as well as the faculty members can refer to the books of in other libraries.

- Three seminar halls (of capacity varying from 200 to 350) are available for purpose of holding conferences, seminars, joint lectures, special lectures, exams etc.

- Well equipped laboratories with the latest and precise equipments for the students. The students, in the guidance of faculties, perform their experiments and carry on their research (Master’s and Doctoral Candidates).

- Computer labs equipped with the machines & perfectly latest configuration.

- Language Lab aimed at improving the English language proficiency and communication skills of its students that are essential for them to fare better not only in academics but also in the chosen career in life.

- A fully mechanized, hygienic canteen offering food and snacks in the campus. A mini shop is available on the campus offering snacks and soft drinks.

- Transport facility to bring students to the destination from every corner of the city.

- Basket-Ball courts, Volley-Ball Courts, Lawn Tennis Court and Foot-Ball Ground for recreation of students

- Indoor games Facilities

- 20 Mbps leased line providing 24-hr Internet facility for the students and staff in campus.

- Wi-Fi connectivity in Campus and hostels

- Effective EPABX system and mailing system for internal communication.

- Stationary shop for day to day requirements of students.

- Boys and Girls Hostel housing 405 boys and 300 girls

- Faculty Housing

- Branch of Bank of India in the campus

- Laundry facility and provision store.
Academic Alliances and Global Tie ups

Poornima University believes in imparting education with a global vision, providing a platform where people from different cultures, nationalities and age group can meet and can broaden their academic & cultural experiences. Envisioning this, Poornima University has taken a step forward and has collaborated with Asian Institute of Technology (AIT), Thailand and University of Illinois, Chicago (USA). The MoU has been drawn up and agreed upon to establish student exchange programmes & academic alliances that will help the Poornima University to serve its purpose better and enhance its academic standards. Joint international conferences, workshops, seminars shall be planned to give a virtual experience to different cultural, educational & business environment and learning of international market.

UIC UNIVERSITY OF ILLINOIS
AT CHICAGO

AIT
Asian Institute of Technology

Prominent and Long Lasting Industrial Relations

Over past 13 years of excellence, Poornima Foundation has built up strong relations with around 70 to 80 high profile industries and institutes. This serves as a strong foundation by providing a platform for its students to get a real time exposure of industrial environment through training, workshops, visits and summer programs. Personals from these prominent organizations also keep visiting Poornima Institutes for special lectures and induction programmes. It also provides the benefit of making the students employable as per the current and dynamic industrial scenario. Also, it would ensure the increment in the number of visiting companies in the form of campus drives for placements of students.
Courses Offered at Poornima University

### School of Engineering and Technology

**Engineering Branches: Undergraduate (B.Tech, 4 yrs)**
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Electronics & Communication
- Mechanical Engineering

**Engineering Branches: Post-graduate (M.Tech., 2 yrs)**
- VLSI
- Power System
- Computer Sciences & Engineering
- Energy
- CAD / CAM
- Environmental
- Industrial Automation & Control
- Digital Communication

**Dual Degree (5 yrs)**
- B.Tech. + MBA
- B.Tech. + M.Tech

### School of Planning & Architecture

**Undergraduate (B. Arch., 5 yrs)**
- B.Arch

### School of Basics & Applied Sciences

**Undergraduate (3 yrs)**
- BCA

### School of Management

**Undergraduate (3 yrs)**
- BBA (Pass Course)
- BBA (International Business)
- BBA (Hospitality, Travel and Tours)

**Post-graduate (MBA, 2 yrs)**
- Banking
- Family Business and Entrepreneurship
- Finance
- Human Resources
- Marketing

**Dual Degree (5 yrs)**
- BBA + MBA

### School of Commerce

**Undergraduate (3 yrs)**
- B.Com. (Pass Course)
- B.Com. (Honors)

**Dual Degree (5 yrs)**
- B.Com + MBA

### Research Programme

**Ph.D. in Engineering / Management / Science**

## ACTS AND APPROVALS

**Government of Raj.:**
(Enrolled by Rajasthan State Legislature vide Act No. 16/2012, Notification F/LT/2(26) Vtdh/2/2012, dated 16/05/2012)
The University is entitled to conduct various courses at UG, PG and Doctoral level in the disciplines described in schedule II of the Act.

**UGC STATUS:**
Poornima University, Jaipur (Rajasthan) has been established by Act of State Legislature as a Private University and is empowered to award degrees as specified by the UGC under Section 22 of UGC Act, 1956 at its main campus in regular mode.

**Council of Architecture (COA):**
B. Arch. is approved by Council of Architecture. Poornima University is also approved by COA as the NATA Test Centre for NATA 2013.

**International Tie-ups:**
Poornima University & AIT, Thailand has signed MoU for Higher Learnig. This enables students / faculty exchange programmes, study abroad programmes, joint international conferences & seminars.

**International Approval:**
Poornima University, Jaipur, Rajasthan is also recognised by Tertiary Education Commission, Mauritius. This opens varied avenues for students to gain cross-cultural experiences.

**AICTE Notification:**
As per the AICTE (advertisement no. UB/ 04(03)/2010), for running, conducting technical courses/ programs approval of AICTE is not necessary, however, universities have obligation to conform to the standards and norms laid down by the AICTE.
School of Engineering & Technology

I would like to congratulate the entire team dedicated in bringing out the very FIRST ISSUE of PU Magazine. The objective of an institutional magazine is to provide opportunities through which faculty members and students can share their aspirations, emotions, talents, artistic capabilities, strengths, weaknesses, experiences, achievements, suggestions and indebt knowledge and “Poornima Spectrum” satisfies this requirement. It is also a matter of great pride for all of us to be part of foundation of Poornima University. Being the Officer on Special Duty at the early stage of PU, I find this platform appropriate to share the fact that the existence of Poornima University was preceded by critical strategic planning for administration and academics.

Best wishes !!!

"Learning is a continuous process from the minute we are born, until we die." PU provides a platform for each of its learner to inculcate and develop his/her academic, personal and professional skills, in life there is "No Shortcut to Hard Work and No Gains without Pains". The GURU MANTRAS of success are positive attitude, perseverance, passion, commitment, and self belief. Today in the techno-age, even sky is not the limit for an individual to rise. What is required is to develop an insight into the strengths and weaknesses. In the words of Swami Vivekananda "All power is within you; you can do anything and everything. Believe in that, do not believe that you are weak; do not believe that you are half-crazy lunatics, as most of us do nowadays. You can do anything and everything, without even the guidance of any one. Stand up and express the divinity within you."

The most important mission for an Educational Institution is to prepare its students to cope with and face increasing competition in all spheres of life. This is specially seen in the science, technology and engineering Fields. This puts a greater obligation on us to transform the traditional curricula by introducing new areas of specialization and development required by the dynamic global trends. Employability of students is now a major concern for us. Engineering by its very nature requires lifelong learning after formal educational ends.

Academic planning for the University included an extensive survey of market needs and global trends for preparing the curriculum of various courses, the Curriculum structure, evolving a suitable course-credit based and grading system for evaluation, inclusion of innovative teaching and learning methodologies, a co-curriculum TEP to enhance interest based talents and skills and introducing PDC to prepare students to meet the demands of the job market.

The curriculum was drafted by Board of studies of the University and vetted by Academic and industry experts before it was approved by the Academic council.

First semester started on 16th August 2012 with a well planned and structured Orientation Programme of 8 days with the objective to bring the newly admitted students from varied backgrounds on a single platform. This programme not only helped the students to understand/ explore Poornima Culture, faculty and infrastructure/facilities, syllabus, teaching learning methodology etc., but also made the transition of students from school to college by means of various academic and non academic activities. During this programme, through various levels of interaction and interviews with the students helped to structure the teaching methodologies and execution of various programmes.
Examination and results were declared on time and the II semester started with a focus on practical projects executed by the students and by industry visits to provide external industry exposure. The TEP programme was redefined by
- Technical (Software, CAD, Robotics, Energy) and
- Non technical clubs (Sports, Social Services, Literary, Cinematography, Vocalist, Rhetoric, Fine arts).

"Life and Career Skills" subject was introduced to enable students explore and groom themselves and identify various career opportunities. The compliance of curriculum, teaching and execution (with UGC norms) was regularly monitored. As a results in second semester, increased sincerity, maturity and awareness in the students was observed.

Various activities/programmes for overall development of the students were planned and executed during the session. The students also participated in inter college competitions and won many prizes. Some of the activities are mentioned below:

<table>
<thead>
<tr>
<th>Orientation Programme</th>
<th>Extensive 8 days programme for B.Tech/BCA and 3 days for M.Tech. students covering overview of Poornima Foundation, introduction to teaching-learning methods, brushing up classes, PDC &amp; TEP courses, Clubs, special lectures, OLE, NSP, mentor classes, tutor system, performance targets etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Industrial visits</td>
<td>Saras Dairy, Dainik Bhaskar, Autopal, PWD, RRV-PNL, BSNL etc.</td>
</tr>
</tbody>
</table>
| Special Programmes | • Personality Development modules under Professional Development Courses  
• Club and social activities under Talent Enrichment Programmes |
| National Seminar by ISLE | “Revolution in Lighting Technology and Energy Saving Lighting” |
| Faculty Training | One month In-house training and training by NITTR, Chandigarh for more than 40 Faculty |
| Technical Project Exhibitions – cum - Competition | • Udbhav: 150 projects made by I yr. students of PU were displayed in the form of an Exhibition. “Udbhav”. A magazine “Udbhav” consisting detail of all exhibited projects was also released.  
• Prayogam: 775 selected projects displayed by PF students in 4 categories viz. Static Physical Projects, Working Hardware Projects, Software Projects and Hardware-Software Interfacing Projects at 6 different avenues in Poornima University Campus. More than 2000 students visited the exhibition. |
| Workshops / Seminars | On Network Simulator-2, Large Scale Solar Thermal Heating & Cooling Processes, Aakash-2 & its Applications, Research Methods in Education Technology for M tech and Ph D students |
| Series of Expert talks/ lectures | • On Research Methods, Correlation & Regression Analysis, Stochastic Processes & Quality Control, Optimization Techniques, Markov Chain, Swarm Intelligence, Statistical tools, Opportunities of R & D in Wi-Fi & other areas. Pervasive Applications through experts academia & industries for M tech and Ph D students.  
• Average upto 06 Special Lectures were conducted for I yr. students on topics of I yr. subjects by External Faculty along with training for aptitude test. |
| International Conference | On “Advances in Information Technology” in association with Poornima Institute of Engineering & Technology. |
| Cultural Activities | Teacher’s Day (11 competitions with more than 400 participants) Engineer’s Day, Gandhi Jayanti, Manthan (An intra university debate competition was organized in the University campus. 66 participants participated forming 33 teams) |
| Social Activities | Free Eye check up Camp, Girls’ Health Awareness Program, Aadhaar Card Camp, LPG Gas Safety awareness Program, and Blood Donation Camp |

The university has reached the end of second semester. Support classes are being organized for students who were not successful in some papers and revision classes/ problem solving classes are also being conducted. This also includes obtaining feedbacks from past two semester’s execution and improving wherever required. The SET is now engaged in planning for the third semester of the students admitted earlier and the first semester of the new student. Many new avenues have been decided to be included in the syllabus for higher classes as TEP General including club activities, Technical Certificate courses, programmes like aptitude, campus recruitment training, advanced courses in soft skills, extended use of library and online labs to enhance the job fetching skills of the students.
School of Management

A Business School has a profound role to play in the building of a nation, a society and an individual and it is a job of high responsibility when the recipients of that education are slated to perform roles of high responsibility, as in case of management students in Poonima University. Value based education results in academic excellence and innovation which would ensure that our students would become the Thought leaders and change masters in the future.

At School of Management we recognize that latent talent can be sculpted only by the perfect blend of business awareness and discovery. In a bid to cultivate industry exposure, SOM regularly invites prime faculty and dignitaries from the industry, Public and Private alike for special lectures and workshops, so that the students not only come up the curve in academics but also the requirements of the industry and ever changing business scenarios. We make it a point to have a nurturing environment and at the same time an competitive spirit in our students so that they can be prepared well for the ground realities they are going to face in a matter of few years in the Industry.

Management is incomplete without practical knowledge, thus, we impart regular activities like our Management Fest (GESTION) and the 1st International conference of the University in collaboration with AIT Thailand on *Challenges and Opportunities in Asian Economies - A Management Perspective*. Regular activities ensure enhanced diversity in our teaching pedagogy which fosters multiple opportunities for students to learn and most importantly improve the extremely essential components of success in a business school's student, creativity and innovation.

However apart from all the activities which have been undertaken what remains the most critical is the "Enhanced Employability" of our management students. We not only ensure that the core management subjects are taught with the latest pedagogy but also ensure that their Professional Skills are sharpened thoroughly. Professional Skills right from the conduct and soft skills of a management student to his critical and analytical ability to solve complex problems are taken care by including Special Syllabus Programs and Poonima Certificate Programs which give an edge to the student in terms of Employability.

In addition to the Certificate and Special courses all students take part in Management Clubs which deal with students pursuing streams of management they are keenly interested in, this year we had clubs of Entrepreneurship, Sales and Distribution Management, Branding, Human Resources, Finance and Banking, Accounting, Grooming and Retail Management. These groups carried out various activities throughout the year.

For the first year School of Management imparted both Post graduation and Under graduation courses with specialisations in Marketing, Finance, Human Resources in MBA on one hand and specialisations of Hospitality & Tourism, International Business and General Management.

School of Commerce

Commerce is the whole system of an economy that constitutes an conducive environment for business and the industry as a whole. This system not only includes the economic, political and technological systems but also the legal, social and cultural systems that are existent in an country. Thus commerce and its technical expertise becomes a vital requirement in the educational system of the country. This Expertise is required for industrial progress and thus the progress of the people and the country.

School of Commerce, Poonima University has the vision forward of developing academically rigrous and technically sound courses which keep abreast with the new knowledge and development of the ever changing business industry. We strive to make available to our students high standards of not only resources but also infrastructure so that the students not only enhance their potential but also bring their careers to greater heights. The School of Commerce experience for a student is challenging and inspiring whereby a student's dedication and commitment to his/her own potential is tested to the maximum.
School of Commerce not only challenges the traditional way commerce education is being imparted but is trying to inculcate a sense of pride in the commerce graduate students which seems to have diminished overall because of the rise of professional courses in the past two decades. The Bachelor of Commerce and Bachelor of Commerce with Honors in Poornima University is both academically rigorous and also challenging because the standards of discipline, conduct and grading is on par with the best in the country.

As with all other schools of the university, the School of Commerce gives the highest emphasis on increasing the employability of our students, for which we have specially designed the Poornima Certificate courses and Special Syllabus programs which cater to the need of skill development, so that the students can be easily absorbed by the industry at various levels. Certificate Courses not only include accounting and network administrative skills which makes out undergraduate students employable almost immediately, for those students who are academically inclined we have special programs for Chartered Accountant and CPT Examinations. Also, when the students would come in the final years of their under graduation we would train them for competitive examinations like Bank PO exam and other National Level exams.

Multidisciplinary activities are the most important for the full growth of any student’s academic potential and that is why students take part in Club activities with other students of other Schools such as School of Management. Clubs under various heads of Banking, Accounting, Retail Management and Grooming in which the students interact and come up the curve in terms of practical knowledge.

For the first year, School of Commerce is imparting undergraduate courses only. Bachelor of Commerce and Bachelor of Commerce with Honors.
School of Planning and Architecture

APPROVAL FROM COUNCIL OF ARCHITECTURE

School of Planning and Architecture, Poornima University got approval from Council Of Architecture on 23rd, July 2012 for intake of 40 seats for the programme of Bachelor of Architecture (5 Years).

COURSE OBJECTIVE

The Bachelor Programme offered is of five years duration leading to B.Architecture. The bachelor of Architecture Degree programme aims to consolidate the student’s capabilities in the design of the built environment, develop the students’ critical faculties, and prepare the students for professional qualification as an architect or for subsequent higher education. The Bachelor of Architecture is distinctive in that it develops critical self-analysis and a critical awareness of personal aims, achievements and program, and provides a framework for developing structured theoretical and research inputs in a formal way, in the research project. The Educational objective of this programme is to:

1. Prepare graduates for personal and professional success with awareness and commitment to their ethical and social responsibilities, both as individual and in term environments.
2. Produce graduates who are able to participate architecture to serve regional industries
3. Produce graduates with the necessary background and technical skills to work professionally.
4. To inculcate the ability to innovate, conceive, formulate and design according to various requirements and needs.
5. To inculcate an in-depth perception of architecture as an activity in time and space, and develop ability to design functions with an awareness of contextual issues involved in the various facets
6. To develop oral, written, visual and graphic presentation skills and technical knowledge necessary for perception and expression of ideas in architecture design and their construction methods.

TEACHING PEDAGOGY

The programme is credit-based and have continuous evaluation as an important feature. The pedagogy is student-centric, augurs well for self-learning and motivation for enquiry and research, and contains innumerable unique features like:

- Participation and interactive discussion-based lecture session.
- Tutorial session for individualized problem solving
- Seminars by distinguished experts
- Field based Assignments and Projects
- Summer training in leading organizations under faculty supervision in relevant programs
- E-learning supported by e-moderator

Department exhibited all the Work done by the students, till the month of October in an exhibition and this exhibition was open to all the other Schools of University as well as to other Institutions.
School of Basic and Applied Sciences

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. SBA caters UG course like BCA and Doctoral Programmes in Physics, Chemistry, Mathematics and Computers.

First Semester started on 16th August, 2012 and now we are pleased to announce that we have completed our first year successfully with lots of activities ensuring holistic development students on academic, professional and personal front.

In the Academic Session 2012-13, Special lectures on various topics like Hashing Technique, Web technologies and curricular topics pertaining to Programming in C, Foundation of Mathematics, Digital Electronics etc were conducted for benefit of students. Teaching pedagogy of Poonima University which comprises of tutorial system, online test, Self Help Groups, Mentor classes, Revision classes, Make up classes etc, were all incorporated in the SBA teaching methodologies. Apart from incorporating academic excellence, Professional Development was also a major focus for our students. To cater this, Networking Workshop including market survey for assembling the computer system with comparative study of all parts, was conducted. Non Syllabus Projects were designed from the first semester which enabled our students to learn concepts of software through projects. The hard work of students in NSP was reflected in the technical project exhibition – "Udohav", 2013.

In upcoming years, SBA has introduced Professional Certificate Courses (listed in table 1) which would be in addition to our core curriculum. Hence a student would get an opportunity to pursue up to 3 certificate courses along with the regular course of study. These courses have been designed keeping in view the market needs and to give our students an edge above others. Following chart depicts the distinctiveness of BCA course.

<table>
<thead>
<tr>
<th>Professional Certificate Courses</th>
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<tbody>
<tr>
<td>1. Training on Microsoft Office</td>
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<tr>
<td>2. Hardware Installation and Troubleshooting</td>
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<tr>
<td>3. SAP Applications</td>
</tr>
<tr>
<td>4. Software Testing and Quality Improvement</td>
</tr>
<tr>
<td>1. Testing on Oracle 10g/10g</td>
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<tr>
<td>2. Web Designing &amp; Graphic Designing</td>
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<tr>
<td>3. Using PHP Network Configuration</td>
</tr>
<tr>
<td>4. Cyber Security</td>
</tr>
<tr>
<td>1. Training on Animation Tools</td>
</tr>
<tr>
<td>2. Training on Android Application</td>
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<tr>
<td>3. SEO and CMS</td>
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</tbody>
</table>

### Talent Enrichment Programme
- Non Syllabus Project
- Aptitude and Campus Recruitment Training
- Online Labs
- Internet / Library
- Clubs: Software, Robotics, CAD, Rhetoric, Literary, Fine arts, Cinematography, Vocalist, Social Services and Sports
Master's and Doctoral Programs

M.Tech.

Master's degree in Engineering is a mandatory requirement as per AICTE for any Engineering graduate who wishes to join the Teaching Profession as a career. To excel further in Technical Education a Doctoral degree is must. Any University or Institution is known for the Research being carried out through its Masters and Doctoral programmes.

Poornima University is running Master's Programmes in various specializations of Civil, Mechanical, Electronics, Electrical and Computer Engineering with Total intake capacity of 210 students. The curriculum of Master Programme in Engineering has been designed through the experts from IITs, NITs and Industries which focuses primarily on Research and Developments in different areas/sub-areas of Engineering disciplines as applied to the society & industries.

The key features of M-Tech Programs are subjects & contents related to current research areas, More number of Elective options, Choice Based Credit System, Research Process Embedded in every semester targeting completion of Final Thesis to facilitate timely completion of thesis as a good quality research work. Step-by-Step Guidance for Reading, Analyzing, Summarizing & Reproducing the Seminar Presentations in every semester based on Literature Review, Ensured Review & Research Paper outcome, Smooth Transition to the Doctoral Programme, Practical Exposure in each subject by providing experimentation facilities, Tie-ups with National / International Universities / Industries for trainings / projects, Mandatory Workshops / Seminars / Training Programmes every semester, Highly Expertise & Senior Faculty, Preference in Participation in the Conferences / Workshops / Seminars organized by Poornima Foundation, Mentoring by Doctoral Candidates of the University. Continuous Evaluation & Guidance Process, Mandatory to Prepare & Submit Review Paper.

PhD

The Doctoral Programme of the University has been exactly aligned with the directives of UGC. Presently the Degree of Doctor of Philosophy (Ph. D.) is awarded by various departments of School of Engineering & Technology, School of Basic and Applied Sciences, School of Architecture and School of Management. The course work as prescribed by UGC has been designed through the experts from IITs, NITs and Industries to include innovative features leading to creation research aptitude and initiation of quality research work. There are three modes of Doctoral Programme including Dual Degree option for those aspiring for Doctoral Degree after graduation. The salient features of course work of Doctoral Programme are Contents focusing towards Building Problem statement, Exhaustive Literature Review during Course Work, Setting Research Objectives through guidance & practice, Step-by-Step guidance for Selection of Area/ Sub-Area, Reading, Categorizing, Analyzing, Summarizing and Reproducing the Research Papers, Three Seminar Presentations based on Literature Review, Hands-On on Statistical / Mathematical / Computational requirements of Research, Research Facilities in Laboratories and Industries, Large Pool of Experts in various areas of Research in Engineering, Architecture, Management & Sciences across the world, Establishing R & D centers in the areas of Renewable Energy, Environment & Water, and Health Informatics, 200 Hours Course Work designed to complete in four weekly modules as an alternative mode to make an ease to the candidates attending course work, Continuous Evaluation & Guidance Process, Tie-ups with National / International Universities / Industries, Mandatory to Prepare & Submit Review Paper and Research Papers under guidance, Course Coverage through National / International experts from Academics & Industries, Organization of Workshops / Seminars / Symposia / Conferences.

The activities organized till date are series of expert talks on Research Methods, Correlation & Regression Analysis, Stochastic Processes & Quality Control, Optimization.
Techniques, Markov Chain, Swarm Intelligence, Statistical tools, Opportunities of R & D in Wi-Fi & other areas, Pervasive Applications through experts academia & industries for M tech and Ph D students during this year. We also organized workshops / Seminars on Network Simulator-2, Large Scale Solar Thermal Heating & Cooling Processes, Aakash-2 & its Applications, Research Methods in Education Technology, and an International Conference on Advances in Information Technology in association with Poornima Institute of Engineering & Technology.

The forthcoming activities which have been finalized are Workshop on Cloud Computing tools, 10 Days workshop on Data Base Management, 10 Days Workshop on Analog Electronics, A 3 Day Workshop on Research Methodology, and IEEE International Conference on "Recent Advances in Engineering" in association with Poornima College of Engineering.

The achievements during last semester were that good M Tech results for first semester of Computer Engineering, Software Engineering, VLSI Design, Digital Communication, Power System and Industrial Automation & Control could be achieved. The M tech students could learn how to read and analyzer research papers and prepared a sort of short review paper which will be compiled as outcome of learning through first semester and published as Poornima Digest. First batch of Doctoral students have prepared exhaustive literature review paper and report for presentation & registration of their topic.

The current focus is on subscribing good research journals, establishing new R & D labs, opening new specializations in M Tech courses and targeting to develop R & D center in Renewable Energy, Environment, Waste and Water Treatment and Health Informatics.
Events & Happenings

First Year Orientation Program
(August 16th - 24th, 2012)

Poornima University commenced its first Academic Session from 16th August 2012. The beginning of the session was marked with a formal inauguration function graced by the dignitaries: Dr. Kanta Ahuja (Vice Chancellor, PU), Sh. SK Singh (Secretary, SES), Dr. Manoj Gupta (OSD, PU). The main objective of this program was to ensure smooth transition of students from schools and varied backgrounds, to a common platform and environment in the University. The orientation program was designed extensively for 8 days especially for the students keeping in sight their future requirements. It included motivational lectures, followed by brushing up lectures of fundamental concepts. Prof Neeraj Gupta and Prof Mahesh Bundele also honoured this event by their presence.

Going away to college is a big transition, and this Orientation program made that transition easier. It also included Sitapura visit and orientation of the systems and processes including infrastructural facilities, examination system, rules and regulations, Zero Lectures, Poornima University special programs such as PDC, TEP etc. The orientation program was a success and its coordinators were: Mrs. Samiksha M. Sachdev, Ms. Lavisha Dhingra & Mr. J N Singh respectively. The hard work of all the faculty members and dignitaries resulted in successfully achieving the aim of this orientation program i.e. to make students comfortable and aware with University’s working and motives.

Teachers Day
(September 5th, 2012)

In India teacher’s day is celebrated on the birth date of the second President of India, academic philosopher Dr. Sarvepalli Radhakrishnan who was also a great teacher. On this very day all the teachers are appreciated and honored for their special contributions to community. “Teacher’s Day” was initiated with briefing about Dr. Radhakrishnan by the faculties to all students. It included activities like Essay writing, Poster Making, Collage Making, Debate (Hindi & English), Poetry (Written & Vocal), Sketching, Quiz, Sports (Girls and Boys).

Around 900 students participated enthusiastically in various competitions displaying their skills and creativity in the area of their interests. B.Tech Civil students organized a surprise honoring the faculty members with flowers and cards. Three winners for each activity were declared. The active participation of students made this a remarkable event. The coordinators of this event were Mrs. Garima Mathur, Ms. Shikha Gautam.

First Year Ph.D. and M.Tech Orientation
(September 8th, 2012)

The First year Ph.D. and M.Tech Program Orientation was scheduled on September 8th, 2012. The main objective of this program was to address all the candidates and to make them aware of University’s ideas and principles. The Program started with the Lighting of Lamp before Goddess Saraswati, followed by the welcome of Chief Guest Sh. Shashikant Singh (Secretary, SES), and dignitaries Dr. KKS Bhatia (Director, PGI), Dr. Manoj Gupta (OSD, PU) and Prof. Mahesh Bundele (I/C, M.Tech & Ph. D, PU).

Dignitaries addressed the candidates, briefing out the details of these programs through the presentation by Prof. Mahesh Bundele. The Coordinators were:

Dr. Manoj Gupta, Prof. Mahesh Bundele and the Co-ordinator were: Mr. Pushpendra Mudgal, Mr. Anmol Chaturvedi respectively. Program was concluded with Poornima Gaan sung by the faculties. This event proved to be very much informative and motivating for the enrolled students.
Manthan : Clashes of Words
(September 11th, 2012)

An intra university debate competition was on September 11th, 2012. The Word ‘manthan’ literally means deep contemplation, churning of facts or, analysis aimed at solution or conclusion. The topic of this debate was “Technology is the only measure to eradicate corruption”. Chief Guest Dr. Rituja Sharma (B.Sc., LLB, LLM, Doctorate in Forensics, currently working as professor in Law College, Rajasthan University) honored the occasion with her gracious presence. There was an active participation from students. Total 66 participants participated forming 33 teams- For and against the motion. Dr. Rituja and Mrs Dipti Lodha were the judges for the event.

The main objective of this debate was to enhance and develop the communication and debating skills of students. The debate proved to be very informative and the honorable Chief Guest gave some tips and suggestions to improve the debating skills of the students.

The Coordinators of this event were: Mr. Abhayjeet Singh, Ms Garima Gaur & Mr. J N Singh.

Winner of the debate competition are:

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<thead>
<tr>
<th>S.no</th>
<th>Winners Name</th>
<th>Section</th>
<th>Cash Prize</th>
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<tbody>
<tr>
<td>1</td>
<td>Imran &amp; Aman</td>
<td>G</td>
<td>Rs. 3100</td>
</tr>
<tr>
<td>2</td>
<td>Utsav &amp; Shaharyar Mirza</td>
<td>N</td>
<td>Rs. 2100</td>
</tr>
<tr>
<td>3</td>
<td>Mirza Asad Baig &amp; Inderpreet Singh</td>
<td>B</td>
<td>Rs.1100</td>
</tr>
</tbody>
</table>

Eye Camp
(September 16th, 2012)

The human eye is the organ of vision. As vital organ of vision it plays a very important role not only in life but also the Human body. Eye is one of the most sensitive organs in our body that needs extreme care to prevent any problems or abnormalities. Hence, preventive measures should be taken right from the young age to maintain healthy eyes. IOCL organized a Free Eye Camp in the Poonima University Campus in association with Anugraha Drishthidaan (NGO) on Sunday, September 16th 2012. Around 375 people turned out from all over Jaipur and nearby areas. Dr. V K Gupta and team from Calgary Eye Hospital, Malviya Nagar Jaipur provided their services.

This camp included consultation, expert advice, eye checkup, cataract checkups, free medicine and free spectacles etc. It turned out to be a huge success benefiting the society for their well being. The coordinator of this event was Mr. Pushpendra Mudgal.

Girls' Health Awareness Program
(September 17th & 20th, 2012)

The key to ensuring the safety and health of women in the workplace is having a good health and safety management system which protects everyone. But young women can be at particular risk because they lack experience and trained judgment and thus they need good advice, information and supervision. Key factor business solution conducted an informative and interactive program called "It's time we talk" on women's well being & reproductive health with the help of FOGSI - Federation of Obstetrics & Gynecological Societies of India, in the campus.
Two sessions were conducted by Dr Namita Kotla and Dr. Shashi Gupta, for All Girl Students to make them aware and conscious of their health and hygiene. Members of the event distributed an awareness check list to the audience. Session included an interactive presentation covering many aspects related to health, safety and awareness which concluded with the query session for students. It was attended by around 120 girls at university level. The coordinator was Mrs. Garima Mathur.

**LPG Gas Safety Awareness Program**  
(November 27th , 2012)

An awareness program was organized in the campus by Rajasthan Gas Safe. Program included briefing about usage, safety precautions, demonstration of proper use, awareness about the gas safety device etc. All faculty members attended the program and were benefitted from the same.

**Shehnai Vaadan by SPICMACAY**  
(January 31st , 2013)

A splendid performance of “Shehnai Vaadan” was presented by Sh. Ashwani Shankar and Sh. Sanjeev Shankar (the famous shehnai maestro duo) in the series of programs organized by SPICMACAY (Society for Promotion of Indian Classical Music and Culture Amongst Youth). SPICMACAY seeks to conserve and promote an awareness of this rich and heterogeneous cultural tapestry amongst the youth of this country through focus on the classical arts, with their attendant legends, rituals, mythology and philosophy and to facilitate an awareness of their deeper and subtler values.

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Training Programme from March 4th to March 8th 2013 using Information and Communication Technology (ICT) in association with University and sponsored by MHRD, Govt. of India. This induction programme was organized with the objective of enhancing teaching skills among teachers. Dr. S. S. Pattanaik, NITTTR, Chandigarh and Dr. Manoj Gupta, (Dean, SET), coordinated the programme. Around seven more technical institutes and polytechnic colleges were linked through ICT for live telecast of the programme. The programme spread the blend of communication technology and media for knowledge dissemination and interaction among various centers. Faculty members of Poornima Foundation and other institutions participated enthusiastically in the programme and gained an insight into new and innovative teaching learning methodologies. Lectures delivered during entire programme are also available on the youtube by the keyword Nitttrchd.

**Blood Donation Camp**  
(March 7th, 2013)

A blood donation camp was organized in collaboration with Rotary Club, Jaipur and Durlabhjii Blood Bank on March 7th, 2013 at university campus.
Rotary Club has previously organized such camps in other institutions of Poornima Foundation, whereas it has been conducted 1st time in University. Students, faculty and staff members participated enthusiastically. In total, 218 units of blood were collected.

This camp helped students to be aware about their social responsibilities. The Chief Proctor, Sh. Amit Gupta, was the Chief Coordinator of this programme. Sh. Pushpendra Mudgal and Sh. Anmol Chaturvedi played a key role in successful organization of the camp.

Prayogam 2013: A tech Fest
(March 12th, 2013)

It was a day of showcasing technical brilliance by the students of the 1 Year of Poornima Foundation. On March 11, 2013, the first day of Prayogam, students of all branches of Engineering at PGC viz. Electrical Engg., Mechanical Engg., Civil Engg., Computer Engg., Information & Technology, Electronics & Communication Engg. and Electronics Instrumentation & Control displayed their projects at all the 3 campuses of PGC.

On the second day of the annual project exhibition, students of First Year of Poornima Foundation (Poornima Group of Colleges and Poornima University) demonstrated their projects in Poornima University campus. They realized the motto of Prayogam, “If it does not exist, design it”, with the guidance of a team faculty members and materialized their thoughts on the real grounds. A total of 775 projects were displayed which were divided into 4 categories namely Static Physical Projects, Working Hardware Projects, Software Projects and Hardware-Software Interfacing Projects at 6 different avenues in Poornima University Campus.

Workshop on Entrepreneurship
(April 23-24th, 2013)

A two-day Workshop on Entrepreneurship was organized by the School of Management/School of Commerce on April 23-24th, 2013. The workshop was conducted by Mr. Siddhartha Sharma, C.E.O of Success Monks Performance Consulting.

Mr. Sharma specializes in researching and developing success strategies for individuals, educational institutes and business organizations. As an author, coach and an inspirational speaker he motivates thousands of people every year to make a profession out of their passion.

He talked about what a child or student learns in his/her entire school to college life and able to transform knowledge out of their life at school and colleges. Such workshop helps in introducing one to his or her inner self so that they can realize the real power of their dreams and path to achieve what they dreamt off since their childhood. He also shared those learning's that are helpful to students to plan out their ventures, area of interest of students which they wanted to be in since their childhood and the topics that business schools should be teaching to aspiring Entrepreneurship.

Activities were also conducted for the students during the workshop so as to make them aware how to generate effective ideas for performing any task or to start up a new venture.

Himalaya Adhyay 2013
(April 04-06th, 2013)
Poornima University demands for an overall development. Our aim is to groom and produce a overall package, so for that "POORNIMA UNIVERSITY" celebrated its first hostel tech-sports event "ADHYAAY 2K13". It consisted of different events like club events, technical events, sports events. There were events like GD, PI, APTIMANIA for the brainiacs. Table tennis, basketball, volleyball for the sporties and events like Roadies dance and fun were also there. This three day event increased the feeling of being united and developed self confidence in the students along with knowledge it helped in developing the overall outfit of a student.

**GESTION 2013-The Management Colosseum**

(February 22 & 23, 2013)

The department of Management Studies and School of Management Poornima University jointly organized Gestion 2013-the Management Colosseum on February 22 & 23, 2013 aimed at sharpening and testing the talents of management professionals-in-making.

The management fest, an annual feature, was a creative source of learning through interactions among 110 participants from 11 different institutes of management from Jaipur and outstations who have performed efficiently and effectively in 19 management and cultural events in two days.

The Fest was inaugurated by Honorable Dr.S.M.Seth, Chairman Poornima Group of Colleges and Chancellor Poornima University with his wise words of motivations and inspiration. Day 1 covered various cultural and management activities viz. documentary making, ad making, stock market dance competition which concluded with enthusiastic participation from various colleges.

On the second day, students again revamped with activities like, nukkad natak, mock parliament, antrakshari,t-shirt designing etc exploring their talents in varied areas of academics and non-academic activities. Gestion 2013 was culminated with a valedictory session which was chaired by reverent Dr Dinesh Kumar Goyal, Principal secretary of Government of Rajasthan. At the culmination of the two day event Dr Goyal shared his rich experience with the budding managers and induced them with the desire and craving to achieve best in life, winners of various events were awarded with prizes and certificates from the chief guest.
International Conference
"Challenges and Opportunities in Asian Economies: The Management Perspective"

Considering that business is becoming more and more competitive with the passage of time and as a global imperative, the business houses have to devise and adopt innovative strategies for their sustainable growth and economic development of the regions, SOM, PU and DMS, PGC organized an International Conference on ‘Challenges and Opportunities in Asian Economies: The Management Perspective’ on 8 and 9 February 2013. The conference was organized in collaboration with JK Lakshmipat University, Jaipur and AIT, Bangkok.

The conference was inaugurated by Padambhushan Prof. V. S. Vyas, Member of Prime Ministers Economic Council and Dy. Chairman of the Planning Board of Rajasthan (formerly Director, IIM A). He also delivered the inaugural keynote address.

Besides the inaugural session, two plenary sessions and five technical sessions were held. The two plenary sessions were presided over by Padambhushan Shri D. R. Mehta, former Chairman, SEBI and Dy. Governor, RBI and by Dr. Namjoo Cho, Professor, School of Business and Director, Indro Asean Center, Hanyang University, Seoul, South Korea.

The panelists in the above sessions included, besides the technical session chairs, Dr. Kanta Ahuja, Vice Chancellor, Poornima University and former VC, University of Rajasthan and MDS University, Shri Inderjit Khanna, IAS (Retd), Ex-Chief Secretary, Rajasthan, Dr. David Ferguson, Professor, School of management, AIT, Bangkok, Shri Yaduvendra Mathur, IAS, CMD, Rajasthan Financial Corporation, Shri Rajiv Chawla, Chairman, IAMSME of India, Dr. Upinder Dhar, VC, JKLU.

The five technical sessions were chaired by Prof. Ajay Pandey IIM A Ahmadabad, Prof. Dinesh N. Awasthi, Director, EDI, Ahmadabad, Dr. Manju Nair, Director ISIM Jaipur, Dr. Rakesh Jain, Professor MNIT, and Dr. Vinayak Pandey, Director, PDCOR, Jaipur.

116 research papers on conference themes had been received and 97 were short-listed, after blind review by experts, for presentation in the technical sessions. 54 papers were presented in all. The remaining papers were treated as presented in absentia.

The Chief Guest at the valedictory session was Shri. N. S Sisodia, former Director General, IDSA and Secretary in the Ministries of Finance and Defence, GOI. Dr. Upinder Dhar VC, JKLU and Dr. David Ferguson, Prof. SOM, AIT, were the Conference chair and Co-chair respectively.
An Exhibition of Project Based Learning

"Udbhav"

A technical project exhibition cum competition "Udbhav" was organized in Poornima University Campus on Wednesday, Feb 20th 2013. More than 150 technical projects made by the first year students of PU were displayed. Chief Guest, Dr. R P Rajoria (Director, Poornima College of Engineering) and Guest of Honor, Sh. Naveen Agarwal (Dy. Chief Engineer, Indian Railways) inaugurated the exhibition. Other dignitaries present in the programme were Sh. Shashikant Singh (Secretary, Shanti Education Society), Dr. KKS Bhatia (Director, PGI) and Dr. Manoj Gupta (Dean, SET, PU), Dr. O P Sharma (Principal, PCE).

Dr. S M Seth (Chairperson, PU), Prof. Kanta Ahuja (President, PU) and Mrs. Renu Singh (Advisor, PAA) also visited the exhibition and appreciated the students for their hard work and sincere efforts.

Students displayed an immense enthusiasm, enormous efforts and great team work and came up with excellent projects in the categories of hardware, software and study. Working human robot, floating home, hydraulic lift, automatic parking robo-car, spider robot, car on suspension wheels, car with hydrogen engine, flying carpet, multipurpose bed etc. were some of the many innovative hardware projects whereas banking mgmt, social networking, analog clock, telecom bill payment, employee mgmt and library mgmt captured the interest of visitors in the software category. Projects were judged by the experts of respective category.

The initiative for 'Udbhav' was taken by Dr. Manoj Gupta (Dean, School of Engg & Technology, PU) under the guidance of Chairperson, PU and President, PU to encourage the students to participate and develop technical skills and learning of technical tools. The Hardware Projects were coordinated and supervised by Mr. Sugreev Choudhary & Mr. Rakesh Mathur, Software Projects by Mrs. Bijayalaxmi Purohit and Study Projects and Flex by Mr. Dewendra Somvanshi and Ms. Shikha Gautam. Sh. Armit Gupta, Sh. Pushpendra Mudgal and Sh. Anmol Chaturvedi played an important role in the organization and successful conduct of the event. A magazine "Udbhav" is also released on this occasion, which consists of details of all exhibited projects.

Udbhav marked the beginning of venture of our budding engineers and technocrats in to the field of technology which displayed extra ordinary skills of the first year students of Poornima University. Udbhav provided a platform to surface the hidden potentials of PU students and to motivate them for project based learning.
Seminar

Revolution in Lighting Technology and Energy Saving Lighting

A seminar on "Revolution in Lighting Technology and Energy Saving Lighting" was organized along with Launching of National Lighting Code by Indian Society of Lighting Engineers (ISLE), Rajasthan State Centre, Jaipur in association with Bureau of Indian Standard (BIS), Poornima University, Jaipur and Vaidyuti Innovations, Jaipur on Saturday, March 9th, 2013.

The program started with lighting of lamp followed by launching of National Lightning Code (NLC) by Chief Guest Dr. R.P. Rajoria, Director, Poornima College of Engineering; Guest of Honor Mr. R.S Saxena, Chairman, RSC, ISLE, and Mr. R.C Mathew, Head, Electro-technology, BIS.

A galaxy of dignitaries were present in the program including Mr. Narendra Singh (Director, Electro-technical Dept., BIS), Mrs. Sudeshna Mukhopadhyay (Director, Philips Lighting Univ.), Mr. S. Chakraborty (Bajaj Electricals), Mr. Makarand Sainis (Vice-President, Technology, WIPRO), Mr. Arun Shukla (Proprietor, Vaidyuti Innovations), Sh. G.S. Charan (Asst. Energy Economist, BEE), Dr. Manoj Gupta (Secretary ISLE, RSC) and Mr. Prashant Bajpai (Treasurer, ISLE) along with more than 75 participants from various public and private organizations like PWD, JDA, BEE, Amity University, Gyan Vihar University, and Poornima University etc..

Sh. R.S. Saxena, Chairman, ISLE, Rajasthan State Centre welcomed the gathering and introduced ISLE with its objectives, functions and achievements. In the address by Chief Guest, Dr. R. P. Rajoria, the stress was given on increasing need of Industry Institution interaction and he complemented Dr. Manoj Gupta, Secretary ISLE, RSC for his efforts in organizing events for the benefit of both the industry and academia.

The First technical presentation was given by Mr. S Chakraborty on "Accelerating LED Revolution Ms. Sudeshna Mukhopadhyay focused on importance of humanitarian part of lighting like emotions and feelings in her technical Presentation, "Paradigm shift in Lighting Application". The various issues related to the quality of lighting were covered by Mr. Makarand Sainis in his Technical talk on "Lighting Quality". The Overview of NLC was given by Mr. Narendra Singh.

The program concluded with the question answer session and the Vote of thanks by Dr. Manoj Gupta, Secretary, ISLE, RSC, Jaipur and Dean, SET, Poornima University.
Examination and Results: Continuous Evaluation

The performance of every student in each course like B.Tech., BCA, B. Arch., BBA, B.Com, MBA and M.Tech. is evaluated through a multi-tier system of evaluation as follows:

**Internal Evaluation (IE)**

There is continuous evaluation for the students' performance in a course throughout the semester and marks will be awarded. In view of ease of assessment it is further subdivided into continuous internal evaluations, mid semester examination, assignments, attendance and performance.

There shall be continuous internal evaluation of the students' learning and performance by the instructor(s)/faculty(s). Considering the nature of the course, the instructor(s) will decide the mode of internal evaluation which may include class tests/project/papers/essays/class participation/quiz.

Evaluation on the basis of a Mid Semester Examination will be conducted by the Department / School / University as per the requirement through modes such as; written paper or practical test or oral test or presentation by the student or a combination of any two or more of these.

**End Semester Examination (ESE)**

There shall be evaluation on the basis of one End Semester Examination conducted by the University through modes such as; written paper or practical test or oral test or presentation by the student or a combination of any two or more of these.

The total of the Internal Evaluation (IE) and End Semester Examination (ESE) marks in each subject will be converted to a letter grade to indicate the quality of performance in each subject and the student’s performance in a semester will then be judged by Semester Grade Point Average (SGPA).

The course wise percentage passing criterion as decided by the university for each subject is as shown in the table below:

<table>
<thead>
<tr>
<th>Course</th>
<th>ESE Component</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Tech, BCA, BBA and B.Com.</td>
<td>35%</td>
<td>40%</td>
</tr>
<tr>
<td>B.Arch.</td>
<td>45%</td>
<td>50%</td>
</tr>
<tr>
<td>MBA &amp; M.Tech.</td>
<td>40%</td>
<td>40%</td>
</tr>
</tbody>
</table>

First end semester exams were conducted in December 2012 and results were declared within a month.
Scintillating Stars

Yudhisther Surolia (B.Tech., ME)
Athira Raj (B.Tech., Civil)

Vertika Sankhla (B.Tech., EE)
Sankalp Srivastava (B.Tech., CSE)

Ankit Kumar Vyas (B.Tech., ECE)
Lakhan Kumar Kumawat (BCA)

Sourabh Trehan (B.Arch.)
Saharsh Saxena (BBA)
Kriti Bohara (B.Com.)
Surendra Singh (MBA)

TOPPERS
First Semester 2012-13

Annual Magazine-2013
Faculty Participation

Publications and Research Papers:

1. **Ms. Ravika Vijay**  
   (Asst. Professor, Department of Physics)  
   - Paper presented on the title "Investigation of dielectric properties of three varieties of apple at two microwave frequencies" in National Conference on "Recent Trends in Microwave Techniques and Application" July 30th to August 1st, 2012.  

2. **Dr. Nupur Srivastava**  
   (Professor, Department of Mathematics)  
   - Paper entitled "Radiative Boundary Layer Flow in Porous Medium due to exponentially shrinking permeable sheet" article ID 214362(9 pages), ISRN Thermodynamics, Volume 2012.  

3. **Ms. Mikku Dave**  
   (Asst. Professor, SOM & SOC)  

4. **Ms. Vinita Bhatia**  
   (Asst. Professor, SOM & SOC)  
   - Paper published and presented entitled "Luring International Tourists to Rajasthan - A Case of Pushkar Fair" in "Management, Leadership and corporate Governance,2nd March 2013" at Banarsidas Chandiwal Institute of Professional Studies

5. **Ms. Siji R. Raj**  
   (Asst. Professor, SOM & SOC)  
   - Paper presented titled "Ethical Behaviour in Contemporary Times" in national conference on Challenges and Opportunities in Asian Economies - The Management Perspective

Seminars:

1. **Dr. Priti Kaushik**  
   (Associate Professor, Department of Chemistry):  
   - Attended 2 Days National Conference on Water Quality management (NCWQM-2012) organized by Civil & Chemical Department, MNIT on 20th-21st December 2012.

2. **Ms. Ravika Vijay**  
   (Asst. Professor, Department of Physics)  
   - Attended a workshop on the MATLAB at 18th March in IIS University, Jaipur.
3. **Ms. Mikku Dave**  
(Asst. Professor, SOM & SOC)  
- Attended the 'Infosys Deep Drive Faculty Enablement Programme Workshop' organized by Infosys in Chandigarh

4. **Dr. Nupur Srivastava**  
(Professor, Department of Mathematics)  
- Attended short term faculty development program on "Numerical and Computational Techniques in Engineering" during December 17-22, 2012 organized by Department of Civil Engineering, MNIT, Jaipur

5. Following Faculty members attended an online workshop organized by IIT Mumbai on 'Aakash Tablet' at Poornima College of Engineering, Jaipur.

6. Following Faculty members attended a 5 days Faculty Induction Training Programme organized by NITTTR Chandigarh: Dr. Manoj Gupta, Prof. Mahesh Bundele, Ms. Shikha Gautam, Ms. Garima Mathur, Mr. Pushpendra Mudgal, Mr. Rohit Kh. Gupta, Ms. Sakshi Jain & Mr. Anmol Chatuvedi.

7. Following Faculty members attended a workshop on "Research Methodology in Education" organized by IIT Mumbai: Ms. Diprit Mathur, Ms. Sushmita Sharma, Ms. Bijaylaxmi Purohit, Ms. Sushila Choudhary, Ms. Sonu Sankhla, Ms. Rekha Gupta & Ms. Shikha Gautam.

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**Project Work in First Year : Student Awards**

Students of Poornima University (mechanical branch) displayed their project at the fest named "SITE" at Shankara institute of technology organized by Shankara Group of Institutions. The event was attended by research scholars and eminent professors, students and faculty members of different colleges.

Both top positions were grabbed by the students of PU.

First Prize of Rs. 2100 cash was awarded to Mohd. Varis and J. Victor Swamy for their project "Humanoid Robot".

The second Prize of Rs. 1100 cash was awarded to Akshay Kulshrestha, Ankur Dalmia and Ashwini Sharma (1st Year, B.Tech, ME) for their Project "Segway".

The project work was done under the guidance of Mr. Sugreev Choudhary (Project Coordinator).
The Knowledge Hub: Central Library

The library is the backbone of a college or university’s academic environment.
Not only is the actual physical library one of the main spots where college students go to get work done (and socialize), it’s also a useful resource of a wide range of information and services. And that doesn’t even scratch the surface of the digital capabilities that many library systems possess.

It’s a new digital age in information services, and academic libraries are on the cutting edge. From digital documents to ramped-up search engines, many library systems can help you find just about anything that can help you with your projects.

Poomima University has just accomplished another milestone by providing the same environment as one can look for. The central library facilitates the best learning experience even when the things are almost in mute. Established in the central zone of the university, it is just a place where you would visit before going anywhere else. Spreading in the area of 410 mete square with the beautiful infrastructure like comfortable chairs, fully furnished tables and huge book racks availability make the library more environmental friendly.

The library opens from 8:30AM to 5:00PM

With the total figures of 15,000 books the library has set the benchmark of its own.

Books of all genres are found easily here. Books based on Science, Engineering, Management, Practicals, Humanity, Current affairs, novels, religious, literature and many more.
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 enormous speed of 20 MBPS.

The central library is also a member of DELNET and can get the facilities provided through DELNET. The DELNET is connected to some of the esteemed library systems of the country and the central library of Poomima University is amongst them.

Now library members can get access online resources. Login and password provided by library. The queries of students related to teaching and research is resolved. Users have the better and multidimensional options to get their desired and latest information.

The other features of the library are journals (25 printed), magazines, cd/dvd of the respective topic and online journals (through DELNET).

Other than that reference books are continuously added to the reference section upon requisition from faculty members or students. Apart from reference books there is a collection of conventional reference materials like dictionary, encyclopedia, handbook, manual etc. for ready reference and general information.

This is the place of absolute silence, concentration even though it is opened to all of us. Isn’t it just one conceivable place where so many people can be seen yet, such silence can also be enjoyed. ‘peculiar isn’t it? How can so many people sitting together remain quiet?

This is the magic of unique place that is the central library, this is because the very ethos of entering the library is basically the understanding of every individual entering to keep quiet, and maintain the silent sanctity of the place.
Hostel: A Home Away from Home

Every student who is told about going to hostel gets a feeling of distress and restriction. But they rarely know that the factual experiences that one enjoys being a hosteller.

Hostel life is entirely different from life at home. Parents wish to send their children to hostel so that they remain from homely pleasure and learn to live and grow on their own. Hostel life provides the most ideal atmosphere to study. Even a happy-go-lucky or negligent student starts working hard when he sees his other mates competing for position.

Hostel life is like a must for each person as they get to learn and experience different things in life that they fail to do when they remain at home. They learn how to deal with different problems and situations which they face and would face further in this up growing world. Moreover it will teach you to take decisions on your own without relying on others. It will make you much more courageous and confident to face life.

This is one great chance that Poomima University provides the students by facilitating hostels for the students to live away from home and experience the so called "Hostel Life".

Himalaya (for boys) and Gayatri (for girls) are the hostels which remain a site of excitement and enjoyment for all the hostellers at Poomima.

Life at both these hostels is full of amusements in all ways. They are provided with many facilities which a student at home can never get like a playful environment on volleyball and basketball ground, sweating at gym, getting a habit to read newspapers daily and the most likely-"gossiping with friends".

Hostel life saves us from having a monotonous daily routine life as it brings up new surprises and experiences each day that are spent in hostel. Along with that, special functions and fests held acts as toppings which everyone loves to enjoy, may it be a boomer or a day-scholar.

The hostel provides students with healthy and tasty meals with a well planned menu which is appropriate for the students health and interest. Although no mess can provide food as tasty as that of home but it does not fail in giving them a comparatively tasty food with all the necessary nutrients that a body demands.

With such large number of facilities, sometimes the students lack time to enjoy each and everything. Along with enjoyment, studies is also an important thing which happens in a steady way under the guidance of Himanshu Tiwari and Manish Dahiya who can be contacted any time for any problems which the students face. As hostel is like second home for the students, both of them are like second parents to all the hostellers.

Students living a hostel life learn to live independent, become responsible and develop the art of public relations along with tolerance and patience as part of their personalities. The hostel life demands commitment and offers its pleasures to them as well, but in true sense.
Recharge Yourself at Cafeteria

After a very busy and tiring routine University Cafeteria is probably the very first place any student or faculty will like to go. Due to following a very tuff schedule any one can get exhausted but cafeteria is the place which not only refreshes us but is also a medium of interaction with others. Our University is blessed with a very well constructed and with a huge seating capacity cafeteria. It offers a great variety of food keeping in mind the taste of every person. The food quality and student’s health are at top priority of our cafeteria. Home cooked meals are a distant memory for many so our cafeteria is making every possible effort to provide a hygienic and fresh food.

Cafeteria’s role does not end only by providing food. It is a place where social interaction takes place and where new ideas are developed and shared. The cafeteria and food services play a vital role in the retention of students. It does not exist solely to feed employees or students; rather it is an integral part of a retention strategy for community university students. By providing a place for students to study, eat, socialize, and acclimatize to college life, the college cafeteria proves to be an inherent part of a student’s development and university education. Someone has said right that if you have to know about the latest happenings go to cafeteria. Also an inviting cafeteria influences the welcoming atmosphere in our university. Our cafeteria is of so much importance to us so let us keep it clean and make it exemplary and commendable.

Rivers of Poornima: Bringing Talent to the Hub

The University has adequate buses which are made available to the students and the faculty members for commuting from various points in the city. Poornima Foundation owns 44 buses in Jaipur and 16 new buses are going to be added. Poornima owns the maximum number of buses than any other college in Jaipur. Each bus is named after a river and the bus route is prepared taking in mind the student’s comfort and location. These buses travel in almost every area of this city to pick up students and faculties. All the buses reach the Campus well on time so that all the students and faculty can follow their respective schedule. Buses are also made available for special classes and for hostlers going to their home.

Pick up points are available at numerous locations thus making the transport facility an aid to the students. This facility has made it possible to start the classes on time and thereby helping the academic process. Our bus facilities have enabled us to maintain discipline among students and most importantly ensure the safety of students which is our topmost priority. Frequent bus checks are conducted to know about student’s feedback and problems and due to very efficiently and hard working transport officers the transport service has become very much comfortable for students. Each student is issued a bus card which has details of his pick up point and bus number and each driver has indications to follow proper traffic rules and drive safely. The transport facility is available at very reasonable rate depending on the location.
Testimonials

It was a great experience, conducting International conference with Poonima University. The university is working spectacularly to provide value education. We look forward to have a continuous association with the organization for further intellectual endeavors. I convey my best wishes and regards for reaching pinnacles of success.

Prof. (Dr.) Nanjae Chao
Hanyang University, South Korea, Seoul

It is my proud privilege to speak about Poonima University. I see my son is filled with zeal and confidence after joining PU. There are tremendous facilities available which comprises library, well equipped Lab and classes which helps the students to attain lot of knowledge and growth. I would like to thank Poonima University for all the inputs.

B.P. Yadav
Father of Vijendra Singh Yadav

I am feeling very proud to write that POORNIMA UNIVERSITY has done a lot to improve student's perspective towards education. I see a lot of improvement and enthusiasm in my daughter after joining B.Tech civil engineering. What I really appreciate about Poonima University is that they are helping students to find meaningful and challenging goals and activities, thus in turn helping students to experience the joy of learning. My heartiest regards to Poonima University. Let god bless all the students and shower their blessings on Poonima University.

Mr. Rajan T.K
(F/O Athira Raj, B.Tech Civil)

When a child has to be given the vision of practicality and knowledge, parents have to look and choose the best out of the world. I feel proud to have the feeling of success in choosing my daughter's career foundation as POORNIMA UNIVERSITY. Of course, it was the great decision in terms of intelligence and personality development. I felt and appreciated the change that this university has given to my daughter. The qualities that attracted me in this university were punctuality, proper discipline, student security, good education and the most important personality and attitude. Proper implementation of discipline is the base of any student's sincerity. My daughter has learnt the things that I was unable to work upon. And that's why I never felt lack of security and knowledge that Poonima University is serving. I wish for the bright future of my daughter as well as Poonima University. Thank you for being the strong base of my daughter's career.

Mr. Yogesh Chandra Sharma
(F/O Ankita Sharma, B.Arch.)

It is an indeed pleasure to have my son studying in poonima university. I am happy that Poonima University is fulfilling its promise of making a student well disciplined and managed, which could be observed from the improvement and participation of my son in curricular and extracurricular activities as well. I believe Poonima University will always keep up the good work. God Bless Poonima University.

S.N. Saraswat,
(F/O Rahul Saraswat, M.B.A.)
"A Day in the Life of a Poornimites"

As rays of sun hit the campus, the early-risers (and the late sleepers!) are greeted by the twittering birds. While some ‘Poornimites’ choose to lie down and relax on the spacious lawns, the other rejoice a quick jog.

Then there are others still who prefer the cosiness of their beds before they face the challenging day ahead! No matter which category you belong to, you will sprint all the way to the mess to grab that quick bite of breakfast which will ensure your sustainability.

And then, the academic block becomes the nerve-centre of all activity. One class after the other, requiring you to muster all the grey cells in your brain to respond to the lectures, case discussions, quizzes, presentations, role plays and what not! At times, a hot cup of coffee is the only resort for survival.

After this nerve wrecking experience, there is a Grand Lunch (very delicious one too!) It takes away the pent-up fatigue. Even the long queues do not matter as you catch up with friends and discuss all that has happened during the day. Post lunch sessions are most exciting as your learn, unlearn and relearn through interactions and experimental methodologies.

As the sessions formally end, the students unwind with a game of volleyball or cricket in the Poornima greens. No one is left out! If you don’t play, you cheer. ‘Poornimities’ take their sport seriously. If you play, you win! Escape the frenzy if you can!

As twilight appears, you could catch a quick nap or walk into the cool confines of the cavernous library. Subject mentors now will come into play and you will find yourself guided by one of your seniors on the academic and all other issues. You could even engage yourself in the club activities that help you hone your skills.

That is not it! The day has just begun and along with it, it brings the promise of melody, dance and drama. Late night random walks, serious talks on benches of campus, the lonely chairs at the footpath of a guitar playing somewhere far...... it all happens in those golden hours!

The night witnesses everything from group meetings for case presentations, discussions with the mentors and assignments to birthday celebrations.
You camp at Prornma

A mini camp was recently organized by Prornma University to collect students' blood in the campus. A record number of blood donors were the campus.

Inaugural session of "International Conference at PCC"

The Inaugural session of "International Conference at PCC" was held at the College. Dr. Md. I. Haq, the Dean of the College, while addressing the audience, said that the conference was organized to bring together experts in the field of Information Technology and to provide a platform for sharing knowledge and ideas.

The conference was attended by a number of prominent speakers who shared their insights and experiences on various aspects of Information Technology. The speeches were well-received by the audience, who were actively engaged in discussions and debates throughout the day.

In the evening, a cultural programme was organized by the students of the college. The programme featured a variety of performances, including music, dance, and drama, which were well-received by the audience. The programme ended with a delicious dinner, which was enjoyed by all the participants.

Despite the long day, the participants were enthusiastic and eager to attend the conference again next year.
Innovations & Initiatives

Balanced Curriculum Structure

Each Program at Poornima University has a balanced curriculum structure targeted towards holistic development of learners at PU. Each curriculum indicates clearly the subjects to be taken in each semester and their weightage towards the process of acquiring the degree.

Any Program at PU comprises of 4 major components viz. departmental core courses, language courses, value education courses, and elective courses (both departmental and open). Subjects falling in each category are critically distributed over the whole program structure such that it makes a complete package for the students’ holistic growth by ensuring the balance in technical and value education. The major components of curriculum are briefed below:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Departmental/Inter School</th>
<th>Evaluation</th>
<th>Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td>Departmental</td>
<td>Credit</td>
<td>Theory &amp; Practical</td>
<td>Core courses are compulsory courses needed to meet the essential requirement of a degree.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language Courses</td>
<td>Departmental</td>
<td>Credit</td>
<td>Theory</td>
<td>These include Indian / Foreign Languages</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Value Education</td>
<td>Departmental</td>
<td>Credit</td>
<td>Theory / Practical</td>
<td>Courses in Humanities and Social Science / Ethics / Management studies / Environmental sciences etc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective Courses</td>
<td>Departmental Electives</td>
<td>Credit</td>
<td>Theory</td>
<td>Advance subjects related to specific area of study. Focus on subject specialization</td>
</tr>
<tr>
<td></td>
<td>Open Elective</td>
<td>Course</td>
<td>Theory / Practical</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Interdisciplinary /</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inter School</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Professional Development Courses (PDC):

- Modular approach
- 2 credit course in each semester
- Open basket of courses that shall help students to acquire vocational/professional competence
- Student shall choose any one PDC based on his/her professional requirements in each semester

Talent Enrichment Program (TEP):

- Interdisciplinary / interschool interaction Technical / Non technical Interest based avenues for students
- Platform for Confidence building and enhancement of skills and talents
- Sports / Projects / Arts / Life Skills
Credit System

Credit System essentially implies redefining of the curriculum into smaller measurable entities or 'modules' with the hours required for studying/learning these - 'not teaching' - being at the primary focus and the development of a mechanism whereby these modules can be combined in different ways so as to qualify for a Certificate, Diploma or Degree. In a sense, therefore, the completion of a single 'Module' of learning can pave the way for learning other modules either in the same institution or elsewhere and a combination of modules in keeping with the needs and interests of the learners illustrates the much talked about 'cafeteria approach' to learning with the Learner at the centre stage of all academic transactions.

UGC while outlining the several unique features of the Choice-Based Credit System (CBCS) has, in fact, given in a nutshell, the rationale for its introduction. Among the features highlighted by the UGC are:

1. Enhanced learning opportunities, ability to match learners' scholastic needs and aspirations
2. Inter-institution transferability of learners (following the completion of a semester), part-completion of an academic program in the institution of enrolment and part-completion in a specialized (and recognized) institution
3. Improvement in educational quality and excellence, flexibility for working learners to complete the program over an extended period of time, standardization and comparability of educational program across the country.

CREDIT POINT / CREDITS

In the Credit System "Credit Point" - an index of the number of learning hours deemed for a certain segment of learning is assigned to the subjects of each course. Although there is no hard and fast rule regarding how many credit points a single subject should have, by and large a subject may be assigned anywhere between 2 to 8 credit points wherein 1 credit is construed as corresponding to approximately 10 learning hours.

ASSIGNMENT OF CREDITS

Assignment of Credits to each subject is broadly done as follows:

<table>
<thead>
<tr>
<th>Teaching hours allotted for</th>
<th>Teaching/Learning Load per Week</th>
<th>Equivalent credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>1 hour</td>
<td>1 credit</td>
</tr>
<tr>
<td>Tutorial</td>
<td>1 hour</td>
<td>1 credit</td>
</tr>
<tr>
<td>Practical</td>
<td>2 hour</td>
<td>1 credit</td>
</tr>
</tbody>
</table>

As an example if a subject say 'Mathematics' has 3 lectures and 1 Tutorial/week then 4 credits will be assigned to it.

ADVANTAGES OF CREDIT SYSTEM

- Represents a much-required shift in focus from teacher-centric to learner-centric education since the workload estimated is based on the investment of time in learning, not in teaching.
- Helps to record course work and to document learner workload realistically since all activities are taken into account - not only the time learners spend in lectures or seminars but also the time they need for individual learning and the preparation of examinations etc.
- Segments learning experience into calibrated units, which can be accumulated in order to gain an academic award.
- Facilitates Learner Mobility. Offers the opportunity to study at different times and in different places. Credits earned at one institution can be transferred to another.
- Helps in working out twinning programs.
- Is beneficial for achieving more transparency and compatibility between different educational structures.
- A credit system can facilitate recognition procedures as well as access to higher education for non-traditional learners.
- Credit system is a Global Language of Institutes in higher Education. At the global level all the major higher education providers across the globe are operating a system of credits.
Awards & Scholarships for Meritorious Students

A college education is the best investment you can make. As a student of Poonima University, a person is not just investing in undergraduate/postgraduate years of education; he/she is investing in a lifetime of continuous learning. The student also becomes a life-long member of a community of learners, teachers, givers and supporters. To make this investment possible, Poonima University offers many different types of financial assistance, including scholarships. Various scholarships schemes available at Poonima university are shown below & the Continuation of scholarship in subsequent years is according to the performance level. In the subsequent years the %/CGPA/credits is calculated on theory papers only.

### B. TECH. For PUSET

<table>
<thead>
<tr>
<th>PUSET-2013 Rank</th>
<th>Scholarship in Tuition Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 10.0</td>
<td>80%</td>
</tr>
<tr>
<td>101-200</td>
<td>60%</td>
</tr>
<tr>
<td>201-300</td>
<td>40%</td>
</tr>
<tr>
<td>301-500</td>
<td>20%</td>
</tr>
</tbody>
</table>

### B. TECH.

<table>
<thead>
<tr>
<th>XII Percentage (PCM only)</th>
<th>Scholarship in Tuition Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 90</td>
<td>100%</td>
</tr>
<tr>
<td>85≤90</td>
<td>80%</td>
</tr>
<tr>
<td>80≤85</td>
<td>60%</td>
</tr>
<tr>
<td>75≤80</td>
<td>40%</td>
</tr>
<tr>
<td>70≤75</td>
<td>20%</td>
</tr>
</tbody>
</table>

### B. ARCH.

<table>
<thead>
<tr>
<th>XII Percentage (PCM only)</th>
<th>Scholarship in Tuition Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 90</td>
<td>100%</td>
</tr>
<tr>
<td>85≤90</td>
<td>80%</td>
</tr>
<tr>
<td>80≤85</td>
<td>60%</td>
</tr>
<tr>
<td>75≤80</td>
<td>40%</td>
</tr>
<tr>
<td>70≤75</td>
<td>20%</td>
</tr>
</tbody>
</table>

### B. COM. / BBA / BCA

<table>
<thead>
<tr>
<th>XII Percentage</th>
<th>Scholarship in Tuition Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 80</td>
<td>100%</td>
</tr>
<tr>
<td>75≤80</td>
<td>80%</td>
</tr>
<tr>
<td>70≤75</td>
<td>60%</td>
</tr>
<tr>
<td>65≤70</td>
<td>40%</td>
</tr>
<tr>
<td>60≤65</td>
<td>20%</td>
</tr>
</tbody>
</table>

### MBA

<table>
<thead>
<tr>
<th>Graduation Percentage</th>
<th>Scholarship in Tuition Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 80</td>
<td>100%</td>
</tr>
<tr>
<td>75≤80</td>
<td>80%</td>
</tr>
<tr>
<td>70≤75</td>
<td>60%</td>
</tr>
<tr>
<td>65≤70</td>
<td>40%</td>
</tr>
<tr>
<td>60≤65</td>
<td>20%</td>
</tr>
</tbody>
</table>

A total of 173 students received scholarship worth ₹ 42,13,800 was awarded for academic session 2012-13

Some of the top scholarships gainers at University are:

<table>
<thead>
<tr>
<th>Name of Student</th>
<th>Scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRADEEP SINGH</td>
<td>100%</td>
</tr>
<tr>
<td>RAVI SHANKAR SHRIVASTAVA</td>
<td>100%</td>
</tr>
<tr>
<td>SHUBHAM KHANDELWAL</td>
<td>100%</td>
</tr>
<tr>
<td>KAKUL KHAN</td>
<td>100%</td>
</tr>
<tr>
<td>JITENDRA KUMAR KHATRI</td>
<td>100%</td>
</tr>
<tr>
<td>JANGID VINOD</td>
<td>100%</td>
</tr>
<tr>
<td>NEELU JAINAV</td>
<td>100%</td>
</tr>
<tr>
<td>HARSHTA DADHICH</td>
<td>100%</td>
</tr>
<tr>
<td>NEHA AGARWAL</td>
<td>100%</td>
</tr>
<tr>
<td>ANKITA PAREEK</td>
<td>100%</td>
</tr>
<tr>
<td>VEENU CHENANI</td>
<td>100%</td>
</tr>
<tr>
<td>POOJA</td>
<td>100%</td>
</tr>
<tr>
<td>SANDEEP SINGH</td>
<td>100%</td>
</tr>
<tr>
<td>RENU</td>
<td>100%</td>
</tr>
<tr>
<td>LAVISH SHARMA</td>
<td>100%</td>
</tr>
<tr>
<td>ASHISH KUMAR JANGID</td>
<td>100%</td>
</tr>
<tr>
<td>ABHINEET</td>
<td>100%</td>
</tr>
<tr>
<td>HARSHIT MITTAL</td>
<td>100%</td>
</tr>
<tr>
<td>KUMAR PAL SINGH</td>
<td>100%</td>
</tr>
<tr>
<td>PALLAVI PAL</td>
<td>80%</td>
</tr>
<tr>
<td>POOJA KUMARI</td>
<td>80%</td>
</tr>
<tr>
<td>SHAHARYAR IRMA</td>
<td>80%</td>
</tr>
<tr>
<td>AVINASH</td>
<td>75%</td>
</tr>
<tr>
<td>RUCHIKA GEHLOT</td>
<td>75%</td>
</tr>
<tr>
<td>AVINASH</td>
<td>75%</td>
</tr>
<tr>
<td>RUCHIKA GEHLOT</td>
<td>75%</td>
</tr>
<tr>
<td>TANVEER KHAN</td>
<td>75%</td>
</tr>
<tr>
<td>SURENDRA SHARMA</td>
<td>75%</td>
</tr>
<tr>
<td>BHAGCHAND YADAV</td>
<td>75%</td>
</tr>
<tr>
<td>RAHUL MEENA</td>
<td>75%</td>
</tr>
<tr>
<td>JAYA SHARMA</td>
<td>75%</td>
</tr>
<tr>
<td>HARSHIT SONI</td>
<td>75%</td>
</tr>
<tr>
<td>DEEPANSHU KUMAR SAINI</td>
<td>75%</td>
</tr>
<tr>
<td>MUKESH CHOUDHARY</td>
<td>75%</td>
</tr>
</tbody>
</table>

And many more...
Poornima University Scholarship & Entrance Test (PUSET)-2013

Poornima University has announced admissions for the session 2013-14. Admissions to B. Tech. and Integrated dual degree (B. Tech. + M. Tech. & B. Tech. + MBA) first year will be primarily made on the basis of Poornima University Scholarship & Entrance Test (PUSET) - 2013.

1 Programs
- B. Tech. (4 Years)
- B. Tech. + M. Tech. (5 Years)
- B. Tech. + MBA (5 Years)

2 Branches
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Mechanical Engineering

3 Eligibility
- 10+2 examination Appearing/Passed with minimum 50% marks from recognized Board/University with Physics and Mathematics as compulsory subjects along with any one of Chemistry/ Bio Technology/ Computer Science/ Biology.
- Note: Students can opt for dual degree (B. Tech. + M. Tech. & B. Tech. + MBA) after completion of B. Tech. II Year. However allotment of dual degree will depend on the merit of aggregate marks of B. Tech. 2 years.

PUSET-2013 will be conducted in two parts:
Part A: Computer Based Online Examination
Part B: Pen & Paper Based Offline Examination

PUSET-2013 shall consist of single paper of one and half hour (90 minutes) duration which contain 60 questions carrying a maximum of 60 marks; each question of 1 mark.

The question paper will consist of only objective questions (multiple choice questions); each question will have four answers, only one being correct choice. Each correct answer will be awarded 1 mark, and there will be no penalty/negative marking for incorrect answer. No marks are awarded for questions not attempted. Candidates are advised to attempt all the questions. The computer will not allow the candidate to choose more than one option as correct answer. There will be 60 questions in all. The number of questions in each part is as follows:

<table>
<thead>
<tr>
<th>Subject</th>
<th>No. of Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part I: Physics</td>
<td>16</td>
</tr>
<tr>
<td>Part II: Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>Part III: Mathematics</td>
<td>16</td>
</tr>
<tr>
<td>Part IV: Aptitude</td>
<td>18</td>
</tr>
<tr>
<td>Total</td>
<td>60</td>
</tr>
</tbody>
</table>

There is no time limit for individual parts of the test. The candidate can go back and change any of his/her answers among the 60 questions. The questions will be selected at random from a large question bank (of comparable difficulty level, content, question type etc.). All the questions and instructions of the test will be in English only.

Computer Based Online Examination PUSET-2013
In Computer Based Online Examination, the candidates will be shown the questions in a random sequence on a computer screen and they have to enter the answer for each question using mouse or keyboard. Each computer is connected to a server consisting of a large question bank, which prepares the question set for the candidate on the computer. PUSET-2013 Online examination will be offered over a period of time and the candidate can choose the Center and Date of his/her convenience to take the test.

Pen & Paper Based Offline Examination
In Pen & Paper Based Offline Examination, the candidate will get questions printed on a sheet of paper and they will have to mark the correct choice using a ball point pen. This examination will be conducted on 26th May, 2013 at Poornima University, Jaipur only.
Launching Pad for the Talent in Poornima

At Poornima University, we follow an interdisciplinary approach termed as TEP (Talent Enrichment Program) to cultivate the student's personal interests and hobbies, and at the same time, to provide students with the opportunities to enhance and showcase their hidden potential. TEP is integrated into the curriculum for holistic development of students through active participation in various clubs falling in technical, social, literary, or personal skills categories. In addition, students are encouraged to participate in various institutional or organizational activities related to the course by becoming active individual or member of student chapters of ISTE, IEEE, ISLE, ISHRAE, etc.

**TEP Features:**

1. Integral part of curriculum
2. Assigned 2 credits
3. Interschool/Interdisciplinary interaction
4. Components

**a. Compulsory: Projects/Seminars/Case studies**

All students are required to make a project (Hardware/Software/Study Projects) or to take part in Seminars/Case studies etc.

**And/or**

**b. Optional: Club Activity**

Under the TEP, following clubs are formed in the School of Engineering and Technology and School of Planning & Architecture:

<table>
<thead>
<tr>
<th>Clubs</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software Club</td>
<td>This club provides the skills of developing software and for the coding of programs.</td>
</tr>
<tr>
<td>CAD Club</td>
<td>CAD club gives the knowledge of machine designing.</td>
</tr>
<tr>
<td>Robotics Club</td>
<td>This club gives the learning experience of technique of working of a robot including designing of robots, study of robots etc.</td>
</tr>
<tr>
<td>Fine arts Club</td>
<td>To enhance the creative skills of the students. Fine arts club provides drawing, sketching, painting etc.</td>
</tr>
<tr>
<td>Sports Club</td>
<td>For the fitness and well being sports club provides activities like basketball, volleyball etc.</td>
</tr>
<tr>
<td>Social Services Club</td>
<td>This club gives the opportunities to visit old age homes, orphanages etc.</td>
</tr>
<tr>
<td>Literary Club</td>
<td>To enhance the reading and writing skills literary club provides activities like articles, poster making, reading etc.</td>
</tr>
<tr>
<td>Cinematography Club</td>
<td>To enhance the directorial skills this club provides the opportunities of short film making, documentaries, photography etc.</td>
</tr>
<tr>
<td>Vocalist Club</td>
<td>To enhance the vocal skills this club provides activities like singing.</td>
</tr>
<tr>
<td>Rhetoric Club</td>
<td>To remove the stage fear within one rhetoric club gives the opportunities of presenting oneself with anchoring, debates, group discussion etc.</td>
</tr>
</tbody>
</table>
Following clubs formed in the School of Management & School of Commerce:

<table>
<thead>
<tr>
<th>Clubs</th>
<th>Details of Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject Related Clubs</strong></td>
<td></td>
</tr>
<tr>
<td>Marketing Club</td>
<td>The club aims to organise Presentations and discussions on marketing strategies of various companies and other related phenomenon, Marketing Quiz, Marketing Buzz, etc.</td>
</tr>
<tr>
<td>Human Resource Club</td>
<td>The club seeks to conduct Interviews of H.R. managers of different companies, role plays and organise sessions based on interview and other HR oriented activities.</td>
</tr>
<tr>
<td>Advertisement Club</td>
<td>The club aims to organise Seminars/Discussions on Brand Names, Brand Logos, Segmentation of Market and Advertising activities</td>
</tr>
<tr>
<td>Branding Club</td>
<td>The club aims to conduct Business Quiz, Seminar/Discussion on Product Lifecycle, and activities focusing Building of Strong Brands, Evaluation of Brand Loyalty, etc.</td>
</tr>
<tr>
<td>Grooming Club</td>
<td>The club seeks to conduct Activities oriented towards Motivation, Body Language, Etiquettes, Appearance and Leadership skill.</td>
</tr>
<tr>
<td>Entrepreneurship Club</td>
<td>The club aims to organise Discussions on Business Ideas, Conducting interviews of Small Business Owners and conducting Activities regarding development of Entrepreneurial skills &amp; Survey of Small Proprietors</td>
</tr>
<tr>
<td>Finance and Banking Club</td>
<td>The club aims to organise Budget Analysis, Balance Sheet Analysis, Study of Stock Management of University Canteen and Share Market Analysis.</td>
</tr>
<tr>
<td><strong>Co-Curricular Clubs</strong></td>
<td></td>
</tr>
<tr>
<td>Social &amp; Community Activities Club</td>
<td>Students can depend on this club, to show them the way, to identify their strengths and provide them the opportunities, to carry out their responsibility towards the society in general</td>
</tr>
<tr>
<td>Cultural Activities Club</td>
<td>The Cultural Club keeps the students motivated and active in the cultural activities of their interest. It recognizes the promising performing artists, and provides means for their inherent talents to blossom.</td>
</tr>
</tbody>
</table>

**Benefits of TEP:**
- Provides platform to cultivate, rejuvenate and showcase hobbies, interests and talents.
- Provides opportunity to learn and nurture managerial and leadership skills.
- Provides opportunity to organize inter university and intra university exhibitions, programs and competitions.
- Medium for Interschool / Interdisciplinary interaction.
- Designed for holistic development of students.

Talent Enhancement program allows the students to take part in various activities which give them joy and pleasure along with proper guidance of the mentors. This program lets the students explore their talent with great effort and immense teamwork. **Renu** (B.Tech. 1st Year, EE)

With the growing ages and the developing creative minds Poornima University provides an excellent platform to the students to display their creativity in their field of interest. **Sanskriti** (B.Tech. 1st Year, CSE)

The TEP is a unique experience in the way that it is instrumental in fostering students' leadership and business skills which are essentialities for any student of a business school. It is a step towards enriching the quality of students' social and professional life. **Abhishek Bose** (1st year MBA)
An Approach Towards Sharpening the Professional Skills

Professional Development Course (PDC) is designed as an integral and essential part in addition to the core subjects in all discipline. The sole purpose of this course is to ensure employability and to enhance technical skills of students in their areas of professional interest.

This course includes technical and professional courses which assist students in deciding their career and pursue a profession of their interest. These courses would give an opportunity to gain additional technical skills required in industries to fetch a good placement. This approach is appreciated and approved by Academic Council.

**PDC Features:**

1. Structured as integral part of course design with certain number of credits
2. PDC Modules includes Communication skills, foreign languages, Industry oriented programs, branch specific professional/technical subjects which are equivalent to recognized professional certificate courses.
3. Modular approach adopted in PDC: PDC are positioned in each semester in all courses keeping in view, the gradually increasing level of competencies of students during the advancement of course. In this respect, PDC are designed as per the following modules:

<table>
<thead>
<tr>
<th>Module 1 (I(^{st}) Year)</th>
<th>Communication skills</th>
<th>Courses deemed necessary to bring students from varied background on a common platform, and make them aware of skills necessary for decent life and competent career</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Life and Career skills</td>
<td></td>
</tr>
<tr>
<td>Module 2 (II(^{nd}) &amp; III(^{rd}) Year)</td>
<td>Foreign Language / Ethics /Value education</td>
<td>Students shall be given an option to choose from foreign languages and value education.</td>
</tr>
<tr>
<td>Module 3 (III(^{rd}) &amp; IV(^{th}) Year)</td>
<td>Industry oriented programs</td>
<td>Includes industry connect programs and professional courses equivalent to certificate courses.</td>
</tr>
</tbody>
</table>

**PDC Benefits:**

- Equivalent to certificate courses
- Student is given a choice to take up any PDC from given options.
- Designed by experts of all fields keeping in view the cut throat competition in the professional world.
- Imparts and enhances skills required for a particular industry and prepares individuals for growing demands of business.
- Prepares to survive in the increasing level of competency and paves a path for growth and development opportunities for career advancement.
- Gives professional and technical adequacy to pursue a career of interest.
Learning Beyond Books

The exposure of industries is very vital and important as it gives the students practical knowledge about the different parameters of the industry. So then they could correlate with the theory knowledge that they are studying.

Industrial visits are necessary as these convey and guides to how the implementation of various skills of an engineer comes into action. It tells us about the various aspects that are been seen while running a company. It gives us a glimpse about the way a company manages to have an efficient allocation of its resources, and to how a company programs its operations keeping in mind all the important factors like efficiency, environmental pollution control, feasibility and many more.

These visits also help students to understand the current technologies and can open up youth's mind to understand the future needs, so that in future they could come with forceful budding inventions in all fields.

At present days, companies want their employees to be multi talented and skilled in many ways, so that they can take full output as now the lead in competition is the keyword to success which all companies try to attain.

With getting all these views and ideas set in our mind, it becomes much more effective and precise to how one needs to get mould before going to an everlasting future “Engineering and Management”.

As the competition is high among the companies, same is the situation for the upcoming engineers and managers. Everyone needs to excel in various ways so that they can compete in this war of success.

We at Poomimra University try to give extra lift and boost from the very first year through Industrial Visits. This helps the students to have maximum amount of exposure of their future working environment. By this the students can inculcate and enhance the technical and professional skills which they would need in future in various modified forms.

3-day industrial tours for MBA Part-I students in two groups were organized in February-March, 2013. 13 Industrial units/organizations located in Alwar, Neemrana Kankroli, Udaipur, Mount Abu, and Gurgaon were visited during these tours.

Details of Industrial Visits - SOM

**Section - P**

(Mt. Abu – Udaipur – Kankroli)

- Modern Insulators Ltd., Udaipur
- J.K. Lakshmi Cement Limited, Sirohi
- Zinc Smelter, HZL, Debari, Udaipur
- Tempens, Udaipur
- Pyrotech Electronics Pvt. Ltd., Udaipur
- Bherav Tools Industries, Kankroli
- J.K. Tyre and Industries Ltd., Kankroli

**Section - Q**

(Neemrana – Gurgaon – Alwar)

- Parle Biscuits Pvt. Ltd., Neemrana
- Orient Syntex, Bhiwadi
- ICFAI Business School, Gurgaon
- MarutiUdyog Ltd., Gurgaon
- Carlsberg India Pvt. Ltd., Alwar
- RohitSurfactant Ltd., Alwar

Details of Industrial Visits - SET

<table>
<thead>
<tr>
<th>Section/Batch</th>
<th>Date</th>
<th>Name of Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>4/3/13</td>
<td>Saras</td>
</tr>
<tr>
<td>C</td>
<td>5/3/13</td>
<td>Saras</td>
</tr>
<tr>
<td>I &amp; J</td>
<td>6/3/13</td>
<td>Dainik Bhaskar</td>
</tr>
<tr>
<td>G1 &amp; 2</td>
<td>6/3/13</td>
<td>RSEB</td>
</tr>
<tr>
<td>H</td>
<td>8/3/13</td>
<td>Autopal India Ltd.</td>
</tr>
<tr>
<td>K</td>
<td>13/3/13</td>
<td>BSNL</td>
</tr>
<tr>
<td>G-3</td>
<td>12/4/13</td>
<td>PWD Electrical Lab</td>
</tr>
<tr>
<td>E</td>
<td>17/4/13</td>
<td>SARAS</td>
</tr>
<tr>
<td>B</td>
<td>18/04/13</td>
<td>Danik Bhaskar</td>
</tr>
<tr>
<td>D</td>
<td>30/04/13</td>
<td>University Buildings</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Under Construction)</td>
</tr>
<tr>
<td>A</td>
<td>01/05/13</td>
<td>Autopal India Ltd.</td>
</tr>
</tbody>
</table>
Teaching by Students

"Together we work higher shall we achieve, greater will be the results and true will be all dreams".

Self Help Groups is one such initiative taken by the Poonima University. The Self Help Groups are formed with an objective of higher performance by the students and developing skills of the weaker once, working as a group together we can and we will achieve all our goals in the key force which keeps spirit alive. A Self Help Group consists of 3 to 5 students depending upon the strength of the class. The leader of the group leads in every aspect.

There are generally 6 SHG for every section based on which 6 different tutorial sheets are provided, containing important questions and study material for all subjects. Other than proper subject classes, separate tutorial classes are conducted where their groups work as a team and perform in their best way. Even the other study related college activities are distinguished on the basis of these groups. This sparks the spirit of the work in every student of the group to improve their respective result.

The coordinators of group not only improve in studies but also in virtues like leadership, patience, harmony, hard work and they improve the interaction level between students and their mutual understanding. The Self Help Group acts as a platform of improvement for every student thus helping them discover their potentials and hidden qualities. Most importantly along with study it enhances group work skills which are of immense importance for an engineer to bring "a better India".

Tutor : My Mentor & Friend

A tutor is a person who is in charge of a class of students and bears the responsibilities like teaching, planning and monitoring the academic classes. He keeps the information about each individual student, information related to both excellence part and lagging part and promotes his students with skills in which they are good.

The tutor acts as the guardian of the student in the college. He not only deals with the academic problems of the students but also with their personal problems and gives them the most appropriate solution.

He analyses the performance of the students and assigns them the Self Help Group so that the motto of the students become Forget I, Remember We. He also sees the comfort of the students in a group for working together. He is the person responsible for promoting the qualities of the students and assigning them the various clubs of the college. This enhances the qualities of the students and builds up confidence in them. Hence, a tutor is the best guardian of students in the college, and so, tutor system is very beneficial for the progress of students as well as for the college.
Mentorship : Way to Proceed

Mentorship is the concept of Poornima hostels providing the fresher an environment to interact with their seniors, who advice and guide them on personal and professional issues.

Since the first year of college life, is very crucial for the students both in terms of mental and emotional state of mind so these mentors provide an opportunity of development and mutual benefits. The mentorship process in the hostels involves activities of academics, extracurricular, sports, cultural and project making.

A hierarchy is maintained through the students for fulfillment of its objectives. In this, a mentor has the responsibility to guide and motivate their juniors regarding different aspects. They carry the juniors on their shoulders providing them with the ability of vital quantity of working in a team.

These mentorship programme follow a hierarchy where fourth year students lead as 'SENIOR GROUP MENTORS', followed by the third year and second year mentors who work together for the benefits of the fresher students.

The main motive of these programme is-
1) Eliminate the doubts of students which are not cleared in the college.
2) Establishing good mentors.
3) Providing the guidance to the fresher.

Thus, we can conclude that mentors act as the building blocks of the upcoming fresh engineers.

"MENTORSHIP PROGRAMME IS PROVIDING THE PATH TO MOVE AND PROCEED TO THE FRESHERS."

Taking Stance for Future

Online exam lab is an initiative which is introduced in the curriculum activity of Poornima University. The vision of online exam is to bring the students at par with the global standards.

Online exam gives the students a platform to manifest their innate potential, knowledge and creativity essential in today's global arena.

It provides a ground to the students for the preparation of future competitions. The sessions are divided into learning experience of placements as well as learning. Both these streams have well designed multiple choice questions or MCQ's prepared thoughtfully by the faculties.

In this exam test of each unit is conducted weekly to enhance the students potential as well as to help them in gaining confidence.

Each test consists of sixty questions from every subject which are in the form of objectives and are allotted a time of fifty minutes for the completion of the test. The result is declared on the spot. The criterion to pass in each test is minimum 50%.

For logging into the test, each student is given a login id and password by which the student can access the test. They are given two chances to pass in each test.

The main aim of this examination is to check the unit wise knowledge and preparation of the students. This is an appropriate criterion to know the progress of all the students and to further help them in improvising.
Women in Science and Engineering (WISE)

She is not an asset, not mere human being. SHE IS THE PRIDE OF THE SOCIETY.

Women possess strength, that amazes the world, she carry troubles, carry heavy burdens, holds happiness, love and opinion.........

Like past many years, this year also WISE (Women in Science and Engineering) a club of women faculty members and students of Poornima Foundation celebrated International Women’s Day- one of the most important day in our college calendar was an amalgamation of such an innumerable emotions.

Held on 8 March 2013, it portrayed courage, fortitude and equanimity which are required to face trials and tribulations in one’s life. A two-hour program was organized at PCE where in more than 250 WISE members participated. The event was graced by the presence of Dr. R.P. Rajoria, Dr. Rakesh Duggal, Mrs. Renu Singhi, and Mrs. Sucha Jain with their benign presence. The occasion commenced with the welcome note of briefing of International Women’s Day celebrations and women’s achievement by Dr. Saroj Kochhar.

She not only talked about several issues concerned with women but also gave suggestions for their betterment. To mark the relevance of this day all the WISE members took a pledge to safeguard the self-respect and dignity of women. The oath ceremony was conducted by Dr. Rakesh Duggal. A book titled Asmita Pride comprising of 50 famous Indian women who are recognized nationally and internationally was released by Ms Renu Singhi, Dr. Rakesh Duggal and Dr. R.P. Rajoria. The event that evoked the greatest interest was the human chain formed by WISE members which extended from PCE to PIET campus displaying slogans on women empowerment. The perfect synchronization and coordination displayed by members made the people spell-bound. It was the most awaited moment of the year, when Poornima University’s members joined the force. It was not an easy task for our respected faculty coordinators (Dr. Sonu Sankhla, Ms. Garima Gaur) to handle energetic girls but they didn’t give up and finally won the match.

The atmosphere was filled with joy and jubilation when new wonders joined the force and absolutely they proved that they have the ability to spread joy and happiness and that is what we witnessed on 8th March 2013.

Kudos to Poornimites.....!!!!

Sports Club

Playing sports can be the key to a longer and healthier life for people who participate. The Centers for Disease Control and Prevention reports that that childhood obesity tripled in the United States between 1980 and 2008, noting that one of the best ways to combat this problem is through sports participation. Playing active sports for 1 hour a day can help anyone develop a healthier lifestyle --- and it's particularly beneficial for youngsters.

At Poornima University we have got physical education lessons once a week. Boys and girls play volley-ball and basketball at the lessons. There is a sports ground near hostel and we go in for sports in the open air. A lot of different competitions are held at university; a great number of pupils take part in them. All these events play an important role in our physical development.

There are a lot of enthusiasts in our country who jog in the morning or in the evening and train themselves in clubs and take part in sport competitions. Many people who go in for sports have a lot of advantages in comparison with those who don't like sport. First of all, all sportsmen become healthy and strong, sport helps them to keep fit, not to catch a cold.

Young people have surplus energy, and if this is fruitfully utilized, the foundations are laic for a healthy society, where people are fully aware of the need for discipline, co-operative effort, team spirit, the cult of sportsmanship, of joint devotion to the achievement of a common goal in collaboration with others. They also learn to cultivate the vital quality of learning how to work together, to become not only good winners, but also good losers.
Social Service

As the word itself says social club, which means doing something good and needful for the benefit of society. In this regard, the social club of Poornima University visited to Bhagwan Mahaveer Cancer Hospital and Research Centre (BMCHRC) on 20th April 2013. The group consisted of thirty student members of the social club visited and interacted with the Cancer patients and boosted their spirit for life and distributed some fruits, chocolates and biscuits.

The members of the social club had a memorable experience by visiting the cancer hospital and spent their time with these cancer patients and share their smiles. The group was welcomed by Mrs. Anita Kothari Vice Chairperson of K. G. Kothari Memorial Trust and was escorted by Ms. Sandhya Singhvi. There is ‘Make a Wish’ foundation of the trust which fulfilled the wishes of three kids through the PU club.

It was really a matter of self satisfaction for the social club of Poornima University by sharing some of the moments of cherish and cheerfulness with the patients of cancer hospital.

Words of Motivation by Dr. S. C. Gupta

Social club of Poornima University organised a motivational talk by Dr. S. C. Gupta, professor behavioural sciences at IIHMR, Jaipur on 1st May 2013. The seminar was attended by 60 selected students of Poornima University and 10 faculty members.

The purpose of the talk was to give boost to students for their emotional and mental growth. Dr. S. C. Gupta discussed about the purpose of study including the concept of ‘Live here and now’ and asked students to cherish each moment of life and do not live in dreams. The points discussed by Dr. S. C. Gupta put a great impact on the audience and gave their thought a new direction.
Foundation Batch Group Photograph

B.Tech. ME (Section - A)  B.Tech. ME (Section - B)

B.Tech. ME (Section - C)  B.Tech. Civil Engg. (Section - D)

B.Tech. Civil Engg. (Section - E)  B.Tech. Civil Engg. (Section - F)
Foundation Batch Group Photograph

B.Tech. EE (Section - G)

B. Tech. EE (Section - H)

B.Tech. CSE (Section - I)

B.Tech. CSE (Section - J)

B.Tech. ECE (Section - K)

BCA (Section - L)
Biological Effects Of Cell Tower Due To Microwave Radiation

When a human body is exposed to the electromagnetic radiation, it absorbs radiation, because human body consists of 70% liquid. It is similar to that of cooking in the microwave oven where the water in the food content is heated first. Microwave absorption effect is much more significant by the body parts which contain more fluid (water, blood, etc.), like the brain which consists of about 90% water. Effect is more pronounced where the movement of the fluid is less, for example, eyes, brain, joints, heart, abdomen, etc. Also, human height is much greater than the wavelength of the cell tower transmitting frequencies, so there will be multiple resonances in the body, which creates localized heating inside the body. This results in boils, drying up of the fluids around eyes, brain, joints, heart, abdomen, etc. When radiation hits the head, it penetrates the skull. The radiation penetrates the skull of an adult (25%), 10 year old (50%) and a 5 year old (75%).

The younger the child, the deeper is the penetration due to the fact that their skulls are thinner and still developing. For these reasons it is critical that children under the age of 16 use cell phones only for short essential calls as they have much bigger danger of getting a brain tumor. Brain tumors have now taken over leukemia as the biggest cause of death amongst children.

There are several health hazards associated with cell phones and cell towers.

Possible Solutions to reduce the ill effects of cell tower radiation

Solution is to have more numbers of cell towers with lesser transmitted power. When power transmitted is reduced, it will not require power hungry power amplifiers having lower efficiency. Heating effect will also be reduced, so lesser cooling or no cooling will be required; all of these will reduce the power requirement, which can also be met by solar panel. Thus, high power diesel generators will also be not required; it will reduce the carbon emission and we can earn from carbon credits.

In addition, repeaters or signal enhancers or boosters may have to be installed where signal is weak. Care must be taken that maximum power transmitted by these must not exceed 0.1W because of their close proximity to the users. In addition to the continuous radiation from cell towers, there is radiation from cell phones, wireless phones, computers, laptops, TV towers, FM towers, AM towers, microwave ovens, etc.

We are exposed to all these radiations which are additive in nature. Hence, it is imperative that stricter radiation norms must be enforced by the policy makers.

This does not mean that we have to stop living near these towers. We all know that automobiles create air pollution - have we stopped using them? Instead, solutions were found such as unleaded petrol, catalytic converters to reduce emission, CNG driven vehicles, hybrid vehicles, etc. If mobile companies accept that radiation causes serious health problems, will people stop using cell phones? Not really, because the cell technology has its several advantages. However, then researchers/technocrats/entrepreneurs will come out with possible solutions, which may be expensive but that cannot be greater than the health risk faced by humans, birds, animals and environment.
Climate Change: Impacts and Adaptation

Asia is the largest continent on Earth and spreads over four climatic zones (boreal, arid and semi-arid, tropical and temperate). The region faces formidable environmental and socio-economic challenges in its effort to protect valuable natural resources. Land and ecosystems are being degraded, threatening to undermine food security. In addition, water and air quality are deteriorating while continued increases in consumption and associated waste have contributed to the exponential growth in the region's existing environmental problems. Furthermore, the region is highly subject to natural hazards, such as the 2004 Indian Ocean Tsunami, the 2005 Pakistan Earthquake, and the 2006 landslides in the Philippines. There is evidence of prominent increases in the intensity and/or frequency of many extreme weather events such as heat waves, tropical cyclones, prolonged dry spells, intense rainfall, tornadoes, snow avalanches, thunderstorms, and severe dust storms in the region (Cruz et al. 2007). Impacts of such disasters range from hunger and susceptibility to disease, to loss of income and livelihoods, affecting human survival and well-being.

When temperatures rise and ice melts, more water flows to the seas from glaciers and ice caps, and ocean water warms and expands in volume. This combination of effects has played the major role in raising average global sea level between four and eight inches (10 and 20 centimeters) in the past hundred years, according to the Intergovernmental Panel on Climate Change. Everywhere on Earth ice is changing. The famed snows of Kilimanjaro have melted more than 80 percent since 1912. Glaciers in the Garhwal Himalaya in India are retreating so fast that researchers believe that most central and eastern Himalayan glaciers could virtually disappear by 2035.

Climate change will affect many sectors, including water resources, agriculture and food security, ecosystems and biodiversity, human health and coastal zones. Many environmental and developmental problems in Asia will be exacerbated by climate change.

Water- Increasing water stress to over a hundred million people due to decrease of freshwater availability.

Agriculture and food security - Decreases in crop yield for many parts of Asia putting many millions of people at risk from hunger. Reduced soil moisture and evapotranspiration may increase land degradation and desertification.

Health- Heat stress and changing patterns in the occurrence of disease vectors affecting health. Increases in endemic morbidity and mortality due to diarrhoeal disease Asia.

Terrestrial Ecosystems - Increased risk of extinction for many species due to the synergistic effects of climate change and habitat fragmentation. Extent of forest fires could limit forest expansion.

Coastal Zones- Tens of millions of people in low-lying coastal areas affected by sea level rise and an increase in the intensity of tropical cyclones. Coastal inundation is likely to seriously affect the aquaculture industry and infrastructure particularly in heavily-populated megadeltas.

Adaptation is a process through which societies make themselves better able to cope with an uncertain future. Adapting to climate change entails taking the right measures to reduce the negative effects of climate change (or exploit the positive ones) by making the appropriate adjustments and changes. There are many options and opportunities to adapt. These ranges from technological options such as increased sea defenses or flood-proof houses on stilts, to behaviour change at the individual level, such as reducing water use in times of drought and using insecticide-sprayed mosquito nets. Other strategies include early warning systems for extreme events, better water management, improved risk management, various insurance options and biodiversity conservation. Because of the speed at which change is happening due to global temperature rise, it is urgent that the vulnerability of developing countries to climate change is reduced and their capacity to adapt is increased and national adaptation plans are implemented. Future vulnerability depends not only on climate change but also on the type of development path that is pursued.
Gas hydrates are crystalline solids that resemble ice. Structurally, they are clathrates or compounds in which the basic structure consists of a cage-like crystal of water molecules containing a gas molecule, called a guest. Of greatest interest to the energy industry are methane hydrates, which are also the most abundant in nature.

Gas hydrates form when sufficient amounts of water and gas are present at the right combination of temperature and pressure. Outside this stability zone, hydrates dissociate into their water and gas components. The compact nature of the hydrate structure results in highly efficient packing of methane. A volume of hydrate contains gas that will expand to somewhere between 150 to 180 volumes at standard pressure temperature.

The gas held in naturally occurring gas hydrate is generated by microbial or thermal alteration of organic matter under the seafloor or permafrost, producing methane and other gaseous by-products. Although chemists have known about gas hydrates for almost 200 years, the oil and gas industry began to take an interest only in the 1930s when gas hydrate formation in pipelines was found to cause troublesome blockages. Russian scientists in the late 1960s were the first to propose that gas hydrate as fuel which might occur naturally in marine and onshore locations under conditions of pressure and temperature that permit gas hydrate to form and remain stable.

GLOBAL OCCURRENCE & QUANTITY

Vast portions of the world's continental margins and permafrost regions appear to be underlain by gas hydrates. Recent estimates suggest that the worldwide volume of gas trapped in hydrate accumulations is in the range of 4,200,000 trillion cubic feet, (tcf), whereas conventional natural gas accumulations, including reserves and technically recoverable global resources, are estimated to be approximately 15,500 tcf only.

GAS HYDRATE PRODUCTION METHODS

Several approaches to gas hydrate production are under consideration. First is depressurization of the reservoir through the production of subjacent free gas. It is limited to reservoirs with subjacent free gas. The second approach is thermal injection using either hot water or steam. While this method should effectively dissociate gas hydrate, a source of excess heat is required to maintain economic viability. A third approach to gas hydrate production is inhibitor injection using a solvent such as methanol or glycol. This method is both expensive and could lead to such rapid dissociation of gas hydrates that fracturing of adjacent shales could occur, breaching the reservoir. A fourth approach is CO2 injection. Carbon dioxide can replace methane in the hydrate structure, and its heat of formation exceeds the heat lost in the dissociation of methane hydrate. The final production would involve the physical removal of the gas hydrate, essentially strip mining the seafloor.

CONCLUSIONS

We will not run out of fossil fuels in the 21st century. Energy concentrated in natural gas-hydrates may possibly be an energy source for the majority of the 21st century. Natural gas-hydrates are more evenly distributed on the planet than are other sources of oil and gas. The production of gas from gas hydrates will be accessible to many countries, and many existing technologies can be used to find and develop gas hydrates. However, significant research and development will be necessary before gas hydrates can be developed economically. The economic and ecological aspects of producing a gas hydrate must be determined. Both the economics and the ecological aspects depend upon the development of new technologies. Studies of natural gas-hydrates must be coordinated on a world scale, which could speed up technology development.
Mechanical Engineers at Work

The work of mechanical engineers spans a number of different fields and disciplines, with a great deal of the emphasis being on the creation, design, construction, and installation of many of the mechanical devices that make modern life so comfortable. A fully trained mechanical engineer can practice his or her vocation in a number of settings, and provide a wide range of services. One of the most common roles of a mechanical engineer has to do with the design and construction of public buildings. Engineers address a number of aspects that impact the function of a building. The heating, cooling, and ventilation systems are one of the prime examples. The mechanical engineer will ensure that the placement of equipment, the routing of ductwork and the placing of vents throughout the space will ensure that the occupants of the building will enjoy a comfortable temperature at all times. In some cases, the mechanical engineer may design special systems that work in building designs that are different from the norm. Product development is also an area that requires the talents of a good mechanical engineer. In some cases, this may be the refinement of an existing product, such as automobile or household kitchen appliances. Engineering of this type has proven very profitable in the advance of communications methods and devices over the last several decades, resulting in a number of household products becoming more affordable. Mechanical engineering also comes into play with product development that creates something new, such as new concepts for space exploration. Some of the most important technological innovations of the last century were directly attributed to the mechanical engineer, whose creativity and vision often helped to make the impossible become a reality within a short number of years. As a career choice, the decision to become a mechanical engineer is a sound one. As technology in a number of industries becomes more complicated, the talents of a competent mechanical engineer have also increased in demand. As a result, many colleges and universities offer comprehensive courses of study that are geared toward training engineers who will be able to meet the growing demand.

List of Top Mechanical Companies in India

Mechanical Engineering is a field of engineering that applies the principles of material science and physics for maintenance, production, design and analysis of mechanical systems. It is the branch of engineering that uses mechanical and heat power for the operation of tools and machines, production and designing tasks.

Mechanical engineers are recruited by many organizations engaged in this field in India and the names of top companies engaged in mechanical engineering and that also recruits mechanical engineers frequently are given below:

<table>
<thead>
<tr>
<th>1. TATA Group</th>
<th>11. Schneider Electric</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Kirloskar</td>
<td>12. ABB Group</td>
</tr>
<tr>
<td>3. Godrej Group</td>
<td>13. Crompton Greaves</td>
</tr>
<tr>
<td>4. Larsen &amp; Toubro (L&amp;T)</td>
<td>14. Geometric Ltd.</td>
</tr>
<tr>
<td>5. Thyssen Krupp</td>
<td>15. Large Government Organizations In India:</td>
</tr>
<tr>
<td>6. Thermax</td>
<td>16. Bharat Heavy Electricals Limited</td>
</tr>
<tr>
<td>8. Suzlon</td>
<td>18. Bhabha Atomic Research Center</td>
</tr>
<tr>
<td>9. GE</td>
<td>19. NTPC</td>
</tr>
<tr>
<td>10. BOSCH India</td>
<td>20. Indian Space Research Organization</td>
</tr>
</tbody>
</table>
Ranking of Current Top 10 Programming Languages

1) Java
   Description: - An object-oriented programming language developed in the late 1990s by James Gosling and colleagues at Sun Microsystems.
   Companies using Java: - IBM, Wipro, Infosys
   Highest Rating (since 2001): 26.492% (1st position, Jun-2001)
   Paradigms: - Object-Oriented
   Type system: - Statically typed

2) C
   Description: - C, a general purpose programming language built by Dennis Ritchie when he was a part of Bell Telephone labs, is the basis of C++ and other programming languages. It was built to work with the UNIX operating system.
   Companies using C: - IBM, Wipro, Infosys
   Highest Rating (since 2001): 20.773% (2nd position, Jul-2001)
   Paradigms: - Procedural
   Type system: - Statically typed

3) Objective C
   Description: - This object-oriented programming language created first by Brad Cox and Tom Love at their company Step stone in the early 1980s, adds Smalltalk-like messaging to the C programming language.
   Companies using objective C: - Apple is using it for iPhone development.
   Highest Rating (since 2001): 11.116% (3rd position, Dec-2012)
   Lowest Rating (since 2001): 0.030% (40th position, Jul-2002)
   Paradigms: - Object Oriented
   Type system: - Statically typed, dynamically typed

4) C++
   Description: - C++ is a general purpose multi-paradigm spanning compiled language that has both high-level and low-level languages' features. It was started as an enhancement to the C programming language, Bjarne Stroustrup in 1979.
   Companies using C++: - Almost every major companies like Microsoft, TCS, Wipro, Infosys
   Highest Rating (since 2001): 17.531% (3rd position, Aug-2003)
   Lowest Rating (since 2001): 7.853% (4th position, Feb-2012)
   Paradigms: - Object-Oriented
   Type system: - Statically typed

5) C#
   Description: - This general-purpose programming language developed by Microsoft evolved from C and C++ as a part of the software company's .NET initiative.
   Companies using C#: - Microsoft, TCS
   Highest Rating (since 2001): 8.763% (3rd position, Jan-2012)
   Lowest Rating (since 2001): 0.384% (22nd position, Aug-2001)
   Paradigms: - Object-Oriented
   Type system: - Statically typed

6) PHP
   Description: - This language is especially suited for Web development because of it easy embedding into HTML pages. It is an open-source, server-side, cross-platform, interpretable HTML scripting language.
   Companies using PHP: - Facebook, Google etc.
   Lowest Rating (since 2001): 1.378% (10th position, Jul-2001)
   Paradigms: - Object-Oriented, Procedural
   Type system: - Dynamically typed

7) Visual Basic
   Description: - This is an event-driven programming language which is implemented on Microsoft's .Net framework.
   Companies using Visual Basic: - IBM, TCS etc.
   Lowest Rating (since 2001): 4.315% (7th position, Feb-2012)
   Paradigms: - Object-Oriented, Procedural
   Type system: - Dynamically typed

8) Python
   Description: - This is an event-driven programming language which is extensively used by Google because of its simplicity. It is managed by the Python Software Foundation.
   Companies using Python: - TCS, IBM.
   Highest Rating (since 2001): 7.038% (4th position, Feb-2011)
   Lowest Rating (since 2001): 0.974% (13th position, Feb-2003)
   Paradigms: - Object-Oriented
   Type system: - Dynamically typed
9) Ruby
Description: Ruby was developed by Yukihiro Matsumoto on 24 February 1993. He wished to create a new language that balanced functional programming with imperative programming. He said, "I wanted a scripting language that was more powerful than Perl, and more object-oriented than Python. That's why I decided to design my own language."
Companies using Ruby: - IBM and some are outsourcing companies in India.
Highest Rating (since 2002): 4.034% (8th position, Dec-2008)
Lowest Rating (since 2002): 0.124% (27th position, Aug-2004)
Paradigms: - Object-Oriented
Type system: - Dynamically typed

10) Perl
Description: Being a high-level programming language, its emphasis lies in code readability and clear syntax. It combines Object-oriented and functional programming styles, and is often used as a scripting language. Perl is an open-source language used widely to process text through CGI programs.
Companies using Perl: - TCS, IBM.
Highest Rating (since 2001): 10.707% (5th position, Apr-2004)
Lowest Rating (since 2001): 1.907% (10th position, Feb-2011)
Paradigms: - Procedural
Type system: - Dynamically typed

Mathematics for Engineers

Mathematics has long been a tool used by human beings to try to understand the universe. In fact, many would argue that the original and enduring purpose of mathematics is the description of the natural world. As we know, Mathematics is a Nobel social activity and foundation for all Science and Technological developments. An individual can take interest in it for developing a career as well as for benefiting the society. Especially, applied mathematics plays an important role in the study of the solutions of a variety of problems in diverse areas of science and engineering.

Mathematics is an integral part of the study of engineering regardless of which branch of engineering is chosen. Engineering is the practical application of science and math to solve problems, and it is everywhere in the world around you. From the start to the end of each day, engineering technologies improve the ways that we communicate, work, travel, stay healthy, and entertain ourselves.

Engineers are problem-solvers who want to make things work more efficiently and quickly and less expensively. From computer chips and satellites to medical devices and renewable energy technologies, engineering makes our modern life possible. In particular, electrical engineers and computer engineers have a wide range of study options and career paths that let them design, build, and manage those ideas into reality.

There is also the area of mechanical engineering, constructional engineering, electrical engineering, and many other forms. All engineering requires physics, the application of mathematics to describe the physical world, and constructional or schematic designing. These forms of engineering create the common devices that we use everyday from simple stairs, the Golden Gate Bridge, the Great Wall, and all of our automotive vehicles. For now I will use construction of a free hanging balcony, just a balcony that is not directly supported with columns. This Balcony has a maximum wait capacity due to the fact that torque (force displaced away from a fulcrum) the non calculus formula for torque is \( T = F \times d \) (force in Newtons) * (meters). Now a structure can only endure so much stress, engineers design ways to eliminate such problems in confined situation, such as a balcony without bottom support. Using physics (with calculus) and material science, an engineer can design what needs to be done and provide a structurally safe product. Engineering is expanding as we continue to advance in technology. Our world is now and has always been linked with engineering. Its no wonder that Archimedes once said, "Give me a lever long enough and a fulcrum on which to place it, and I shall move the world."
High Rise Structures

The high rise project is not only an exercise in architectural planning but is designed with a vision of creating grand vista both in indoor and outdoor spaces.

With the globalization and increase in flexibility in economic policies, Indian market has been changed a lot and need for more organized functional business spaces came into picture. Impact of globalization in design of office spaces can be seen and it has greatly influenced the design criteria of offices. So requirement of representative offices has increased the demand for more and more business centers which can provide other spaces also apart from office spaces.

Office building complex is a place which host the business activities. It provides a place to express the technical ideas of the people.

Intense research on the form of the building and the supporting structure has been done to challenging both the aspects of architecture namely art and engineering.

The building's forms creates an dynamism which is most necessary to standout and attract the visitors and the by passers.

Tall towers and buildings have fascinated mankind from the beginning of civilization, their construction being initially for defense and subsequently for worship purpose like church etc. The growth in modern tall building construction, however which began in the 1880s, has been largely for commercial and residential purposes.

Tall commercial buildings are primarily a response to the demand by business activities to be as close to each other, and to the city center, as possible, thereby putting intense pressure on the available land space. Also because they form distinctive landmarks, tall commercial buildings are frequently developed in city centers as prestige symbols for corporate organizations.

Also the business and tourist community, with its increasing mobility, has fuelled a need for more, frequently high-rise, city center hotel accommodations.

The rapid growth of the urban population and the consequent pressure on limited space has considerably influenced city residential development. The high cost of land, the desire to avoid a continuous urban sprawl, and the need to preserve important agricultural production have all contributed to drive residential buildings upward.

Job Seekers or Job Providers

In the present scenario, One of the major problem is of employment.

India is a land of entrepreneurs. Entrepreneurs are those who identify the problem and then convert that into opportunity to earn profit. They have a unique idea which solves the problem and hence provides solution and makes the best use of the situation.

Most important aspect of entrepreneurship is that is has no limitations no boundaries. In this field "age is no bar", what is important is vision and a dream. If you have strong foundation as well as technically sound then its up to you whether you want to grab a job or you want to provide job to others. It all depends upon you and your attitude towards life.

If you have a dream and a vision about how you want to lead your life then society, financial issues, family pressures etc are all secondary factors.

Getting yourself emotionally attached to the business you want to start, nothing can stop you from getting your dreams fulfilled and you'll come out in flying colours if you have patience, determination, positive attitude and hard work.

Now the choice is yours: whether you want to work for yourself or for others?
Fun in Teaching English

English: At a glance when we listen to this word it comes out as a language and from the education point of view it is considered as a subject.

Yes a subject which is being taught in every part of the world and which is being studied by every child of the world. Well now let’s take a look on this view that how English as a subject should be taught? I know this question seems to be little bit weird and if we talk about this question generally the answer would be it should be taught as a subject just like others. Well that’s quite a genuine answer however I personally feel something different about it and what I feel about it here it is:

The most important thing for a person who teaches English is this that he or she should be confident enough in him or herself and should be ready to face any kind of challenges in teaching English. From my point of view a good teacher is one who is very much confident from the very first day of his or her class and should be ready to face any kind of challenges.

Teaching English is not a big deal neither it’s very difficult this is what I personally feel. What is required in teaching English is a thorough knowledge about the subject i.e. English. A good English Teacher should keep in mind the modules to be used in teaching English. He or she should demonstrate and explain the minute points related to the topic.

Another important point for being a good English Teacher is this that he or she should have the interest and curiosity to teach and should take the initiative from him or herself. i.e. A good teacher should put his or her own efforts by creating more and more innovating teaching pattern.

Concluding I would like to say this that in order to teach English one should create a healthy, cool & fun loving Environment possessing good teaching and managing skills. In the end I would like to say that teaching English is a great Skill which could be used by using right Techniques and methodology in the simplest way.

Practice Ignoring Your Negative Thoughts

It has been estimated that the average human being has around 60,000 thoughts per day. That’s a lot of thoughts. Some of these thoughts are going to be positive and productive. Unfortunately, however, many of them are also going to be negative-angry, fearful, pessimistic, worrisome. Indeed, the important question isn’t whether or not you’re going to have negative thoughts - you are-it’s what you choose to do with the ones that you have.

In a practical sense, you really have only two options when it comes to dealing with negative thoughts. You can analyze your thoughts - ponder, think through, study, think some more OR you can learn to ignore them-dismiss, pay less attention to, not take so seriously. This later option, learning to take your negative thoughts less seriously, is infinitely more effective in terms of learning to be more peaceful.

If you have a thought from your past, “I’m upset because he scolded me for no fault of mine” you can get into it, as many do, which will create inner turmoil for you. You can give the thought significance in your mind, and you’ll convince yourself that you should indeed be unhappy. Or, you can recognize that your mind is about to create a mental snowball, and choose to dismiss the thought.

The same mental dynamic applies to thoughts of this morning, even five minutes ago. An argument that happened while you were walking out the door is no longer an actual argument; it’s a thought in your mind. This dynamic also applies to future-oriented thoughts. You’ll find, in all cases that if you ignore or dismiss a negative thought that fill your mind, you become more peaceful.
Taking Stance for 2014

Today, if we look at the Indian Political Poster, we find out three personalities making it an interesting triangle. Mr. Arvind Kejriwal, Mr. Narendra Modi & Mr. Yureaj (Rehal) Gandhi. The cattle class of the nation has been considering these three to be the main contenders for the BIG POST of Indian government in the general elections of 2014. Well, no doubt it is a triple threat match and no arena is left untouched by three of them. They are contesting in public gatherings, business summits, 24X7 news (chat-masala) channels, social media and in each and every approachable or unapproachable corner on this Earth.

The first contender is Mr. Kejriwal. He is an engineering graduate from IIT and an ex-IRS officer. He was the General Manager of the national revolt against corruption/government lead by Anna Hazare in 2011. He is also the chief of Aam Aadmi Party. But presently he is better known for his habit of unleashing the truth behind the political and administrative curtains. Sometimes I wonder why not he is a journalist. Well, being on a serious note, I see this person having immense potential to bring change, he has got guts, he is an initiator and being an intelligent fellow he has got the understanding of the government policies. He used social media at its best to promote his campaign and sell his ideas. But when it comes to Human-Resource management, I find him pretty immature. He seems very authoritarian. It may be because of his background, being an IIT fellow and an IRS officer this trait comes in inheritals. Here, he must be very conscious because this kind of attitude can cost him a lot in Indian democratic circus system. We all know what happened between Anna and Kejriwal at Jantar Mantar last year and the rest is history. I also believe he is wasting his energy in unnecessary tasks. Mr. Kejriwal we all know what mess has been created by the policies and policy makers, we need a solution now and not new problems.

The next person in the contest is Mr. Narendra Modi. He is probably the most eligible bachelor of the country after Salmans Khan. He is known for his managerial and marketing skills. He can sell sand at the price of gold to you. He has got the art of connecting with people regardless of their class, gender and age. After becoming the chief minister of Gujarat, he moved upwards exponentially. He is unlike the other BJP members and places development as the main agenda rather than religion or Hinduism. I advice Mr. PM in Waiting (LKA) to learn something from this personality, religion segregation in 21st century is not a good idea. A Rath Yatra is not worth in a country where education rate is increasing day by day. This increase may be on papers only, but the effect can be easily witnessed in the surroundings. Unfortunately Mr. Modi has also got a few bad experiences such as Godhra & Amit Shah case, opposition is going to make this a big issue in the elections and Mr. Manish Tiwari has already started the same. He has to be aware and play safe. Apart from this there is no consensus inside his party of projecting him as the next PM. It will be a tough task for him to get everyone's nod over the issue. But no doubt he is the strongest contender for the BIG JOB in 2014.

The third vertex of this triangle is the prince of Gandhi family, Mr. Rahul Gandhi, a chocolaty politician. Up till few days back what I felt that all he knows about politics is wearing a khadi kurta-pajama. But at a recent summit of business tycoons of the country, he came in front and he was impressive. He got the attention of media or may be the news got such coverage as our 24X7 news (chat-masala) channels didn't have a prince falling in a pit. Mr. Yureaj is very right when he says that there will not be any person who will come on a glaring horse and will solve all the problems in a flash. The common man, business houses and everyone who is a part of this nation has to work together for a better tomorrow. We have to understand our responsibilities. But I found Mr. Gandhi wanted to say a lot more but his vision and mission was somewhat undecipherable. It will take a long for him to get the dream job of Indian Politics. But being Yureaj of Gandhi family and congress party all the factors concerning his immaturity are not valid. Many senior leader of Congress have already projected him as the next PM candidate of congress.

Apart from these three there is third front dreaming and claiming that they will lead the government in 2014, but I believe that their day is too far. We don't know who is going to win the contest, but one thing is for sure that more excitement, more colours, more action of Indian Politics is coming your way in the next one year.

LONGLIVE THE GREAT INDIAN POLITICAL CIRCUS!!
10 Positive Effects of MUSIC

Music is not just a collection of notes and tones, but also a stimulant for one’s betterment and growth. Music is a doctor for ill minds, tonic for weak minds and a good chum for great minds. As Leo Tolstoy says, "Music is the shorthand of emotions". It can help a person to grow spiritually and develop moral values. Leonard Slatkin goes one step further and says, "We need music to restore the human spirit". Enlisted are the most prominent effects of music on our mind and soul.

1. Anti-depression Pill

There are situations when you feel low. Feelings of obscurity and scantiness can fill your mind and accomplishment of everyday activities can become too hard. Depression reduces the activity of the brain and hampers the mind’s ability to plan and execute tasks. Soothing music can bring you out of depression, acting as an anti-depression pill, without causing any side effects.

2. Anxiety Buster

Anxiety associated tasks may have a negative outcome. It may cause restlessness, impatience and other anxiety disorders. Music induces sound sleep and keeps your mind calm and attentive.

3. Stress Buster

The learning and thinking ability of a person is affected by stress. Music can act as a stress buster and can help you learn and think better. If work is accompanied by soothing music, you can think, analyze and work faster in a more efficient manner, yielding better results.

4. Motivator

Music helps in developing a positive attitude and provides motivation. Music can boost up confidence and enhance the learning ability of an individual.

5. Meditation Mode

Peaceful music can be used as a mode to meditate. Concentrating on slow and peaceful music can be as effective as meditation.

6. Mood Maker

Music has been known to have a very direct effect on a person’s mood. By just listening to music, a person’s mood can be easily altered. Calm and soothing music can keep your mood happy and healthy. Unpleasant music, which is many times termed as ‘noise’, may spoil the mood of a person.

7. Memory Sharpener

The power of music to affect memory is quite intriguing. Mozart’s music and baroque music, with a 60 beats per minute beat pattern, activates the left and right brain. The simultaneous left and right brain action maximizes learning and retention of information. The information being studied activates the left brain while the music activates the right brain.

8. Spiritual Master

As most of the prayers are tuned and are musical, it helps in developing love and devotion towards God. This not only helps the listeners to grow spiritually and move in the path of enlightenment, but also makes them get closer to the Almighty.

9. Personality Builder

It is a known fact that what you do regularly determines your personality. If you listen to good, soothing music, it will lead to a good personality.

10. Eternal Happiness

Eternal happiness is one thing that you cannot get all of a sudden. It is a state of mind which finds happiness always, in each and everything. Music is one thing which can give eternal happiness to everyone. It helps in detaching yourself from the materialistic world and gain eternal happiness.
Man Proposes, God Disposes

I remember the day when Dr. S. M. Seth, Principal, Poornima College of Engineering (PCE) gave speech on the occasion of Independence Day (15th August 2001). In his motivating and memorable speech, he made us imagine the establishment of our own University in future. Our College-PCE, from that time slowly started showing its actions and influence under the hard work of our Corner stone members like Founder Principal Dr. S.M. Seth Sir, Former Society’s Chairman Sh. Manohar Lalji, Managing Trustee and Secretary Sh. Shashikantji, Chief Administrator Sh. Suresh Chandji and Infrastructure In-charge Sh. Hari Singh Shekhwatji. Mean while, our Founder Sh. Arun Chand Singhi Sir, father of Sh. Shashikantji, passed away in an accident and left us alone. He was one of our guides. We still remember his advices and directions. His demise shattered our dream as well as our lives in many ways. But later, the inspiring words and actions of Sh. Shashikantji helped us to stay strong and picked us up to our former level. Later Sh. M. K. M. Shah Sir, Dr. R.P. Rajoria Sir and Dr. Manoj Gupta joined the group to help Sh. Shashikantji. The above academicians and administrators undertook their concerned issues from him. The Founder member’s hard work helped us regain our momentum and establish PIET, PSOM, PGI etc.

Last year, the team members made their dreams come true in the form of Poornima University which has great infrastructure with greenery all around, academically well planned courses, highly dedicated faculties and administrative staff. The University started its First Academic Session on 16th Aug., 2012 with good number of students (950) enrolled in 05 Schools.

After a long gap, I again entered the Poornima Family and I really got surprised to see the existing atmosphere and it reminded me the Independence Day speech by our Dr. S. M. Seth Sir. It made me realize my mistake of leaving the group at its growing time. That day, that speech touched my soul. Dr. S. M. Seth Sir encouraged everyone present there to fulfill one’s duties to the fullest. He explained the role of a teacher as a friend, philosopher and guide of students. Now, the University is entering its 2nd Academic Session, with student strength of approximately 2000 and staff strength of 200 along with all modern amenities in full swing. I sincerely wish Poornima University to reach the highest peak of success and produce the best human beings of the time.

Man proposes but God disposes. Everything is under his control. If you think or react innocently, God will judge positively in your favor. My letter is everlasting with the expectations of next Independence Day’s speech by our Chairperson, Dr. S. M. Seth.

Jai Hind ....

(PA to Dean, SET)

Life Is What You Make Out of it

Life is what you make out of it. Your tomorrow depends essentially on what you do today. Success in life depends upon proper planning and execution of the plan. What a man does and how he does determines whether he will get maximum results in minimum input. What turns the ordinary is the will we put into it. The best way to rise above the crowd is to do the ordinary with extra ordinary enthusiasm.

To stay at the top, we have to toil twice as hard. The way to success is to start sooner, work harder and no more than our competitors. Well done is better than well said.

Success depends on the stamina of our mind, our will power, dedication and preservance. We must think positively and have faith in ourselves. We must dedicate energies, imagination, intellect, resources and time towards realization of our chosen and cherished goal. One step at a time and that too well placed, will guarantee success.
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Save Water Save Life

UN WATER
World Water Day
2013
International Year of Water Cooperation

Annual Magazine-2013
7P's of Goal Setting

Goals give you meaning in life. They provide direction and measure your success. You know what you are looking for and every day you struggle to reach your objectives.

1. Passionate: Are you energetically interested in what you intend to do. Not only that, are you able to do it easily and better than other people? Your goal is your inspiration and aspiration.

2. Positive mindset: A positive mental attitude is essential to realize your objectives. You will look at things on the bright side and work diligently towards your goals.

3. Practical: Is it achievable? Is it useful to yourself and others? Your goals should be specific, measurable, attainable, realistic and time-bound. When you have many goals, set priority for each goal and work accordingly so that you are not overwhelmed.

4. Put in writing: Written goals are powerful tool. It is precise, clear and written in positive terms. It spells out in great details the tasks for each stage and the completion dates. You will be kept posted to do your daily tasks because you notice it every day.

5. Plan: You set yearly, monthly, weekly and daily tasks. Your plan is your road map. You follow accordingly to get what you want in life.

6. Pay the price: A goal is not a goal when you can get something easily. It involves time and tremendous effort. It takes blood, sweat and tears to reach your goal.

7. Perseverance: Do not be disheartened by setbacks along the way. Look at failures and problems as valuable lessons to learn. There is no overnight success. It can take many years to achieve your goals.

CoC and Col

"Happiness is not the absence of problems; it's the ability to deal with them." - Steve Maraboli

No one in this world is drafted without a trace of problem at his dispose. One doesn't have food to feed his family; the other has plenty of food but no family to feed. One has a fit body to serve others; the other has a train of cars but no limbs to enjoy the pleasure of driving them. The list of problems in this world is endless. However, the way to handle them is just one, POSITIVE THINKING.

CoC or CIRCLE OF CONCERN encompasses the wide range of concerns we have, such as our health, our children, problems at work, the amount of borrowing or the threat of war. All kinds of problems that we face in life come inside the circle of concern. Col or CIRCLE OF INFLUENCE encompasses those concerns that we can do something about. They are concerns that we have some control over.

Proactive people focus on issues within their circle of influence. They concentrate on problems and not on adverse situations which is out of their control. The nature of their energy in doing this is positive, enlarging and magnifying. They increase their Circle of Influence.

Reactive people tend to neglect the issues that are under their control. Instead they concentrate on adverse situations and end up cursing them. They fail to concentrate on the issues that they can work upon to make life better. Thus their circle of influence tends to shrink.

Thus proactive focus leads to increment in circle of influence which in turn helps us to solve out more problems which we could earlier. On the other hand, reactive approach diminishes the circle of influence which leads to situations going out of our control.
Alternative Fuel Vehicle

Alternative Fuel Vehicle refers to a vehicle that runs on a fuel other than traditional gasoline or diesel; any method of powering an engine that does not involve petroleum.

An alternative fuel vehicle is a vehicle that runs on a fuel other than "traditional" petroleum fuels (petrol or diesel); and also refers to any technology of powering an engine that does not involve solely petroleum (e.g. electric car, hybrid electric vehicles, solar powered). Because of a combination of factors, such as environmental concerns, high oil prices and the potential for peak oil, development of cleaner alternative fuels and advanced power systems for vehicles has become a high priority for many governments and vehicle manufacturers around the world.

Hybrid electric vehicles such as the Toyota Prius are not actually alternative fuel vehicles, but through advanced technologies in the electric battery and motor/generator, they make a more efficient use of petroleum fuel. Other research and development efforts in alternative forms of power focus on developing all-electric and fuel cell vehicles, and even the stored energy of compressed air.

As of 2011 there were more than one billion vehicles in use in the world, compared with around 70 million alternative fuel and advanced technology vehicles that had been sold or converted worldwide as of December 2011, and made up mainly of:

- LPG POWER VEHICLES, 2011: 27.1 Million
- NATURAL GAS VEHICLES, 2010: 17.5 Million
- HYBRIDE ELECTRIC DEVICE, 2012: 5.2 Million
- NEAT ETHANOL (Light vehicles), 2011: 1.22 Million

amount of power at this time, but they can be used to extend the range of electric vehicles. They are raced in competitions such as the World Solar Challenge and the North American Solar Challenge. These events are often sponsored by Government agencies such as the United States Department of Energy keen to promote the development of alternative energy technology such as solar cells and electric vehicles. Such challenges are often entered by universities to develop their students engineering and technological skills as well as motor vehicle manufacturers such as GM and Honda.

The World solar challenge is a solar powered car race over 3,021 kilometres (1,877 mi) through central Australia from Darwin to Adelaide. The race attracts teams from around the world, most of which are fielded by universities or corporations although some are fielded by high schools.
4G Technology

We have probably heard the term 4G thrown casually into conversation by mobile phone aficionados, but what does it actually mean? In simple terms, 4G refers to the fourth generation of wireless technology networks and follows on from 2G and 3G.

While 1G refers to the first batch of widely available handsets; 2G switched to a digital system, bringing with it the introduction of text messaging; then 3G technology offered huge improvements, not least the possibility of easy web browsing and now 4G has been developed to cope with the rate requirements set by further evolution of existing 3G applications like text messaging, video calling and mobile TV.

In short, all the improvements that have been added to your fancy smart phone, such as HDTV capability, need more advanced technology and more speed, and the 3G network simply won’t be able to cut the mustard indefinitely. 4G is the answer to that problem.

Up until recently, 4G has been used as a catch-all marketing term for the next generation of mobile services as until October 2010 there was no definitive, industry-set criteria for what constitutes a 4G network. The ITU (International Telecommunication Union) only recently made things official and that meant that none of the so-called 4G networks available in the US or elsewhere in the world before the definition was coined officially qualified.

No doubt ruffling a few feathers among the networks, the ITU states that there are now only two major technologies in development that can be classed as 4G - LTE-Advanced and WiMax 2 - both of which are enhanced versions of what carriers currently describe as 4G and both of which have only recently begun rolling out across the globe. So, as it stands, what were being sold as 4G by many networks were actually only HSPA+ and only really 3.5G. But we digress.

According to the ITU - a UN agency that regulates information and communication technology issues and coordinates the shared global use of the radio spectrum - there are various standards that true 4G networks will need to offer in the future. Only those that meet these will be awarded the status of IMT-Advanced (International Mobile Telecommunications Advanced) and in turn, the title of 4G.

The list of requirements declares that a 4G network must be able to exchange data at a rate of up to 100 Mbps. To put that into perspective, data speeds on a 3G network can currently be as slow as 3.84 Mbps, so it’s a considerable leap.

The benefits for 4G users mainly come down to internet speeds, so if that’s not an issue for you, then you probably don’t need to worry just yet. The greater capacity offered by 4G means that it can be used for internet access on computers, without the need for cabling.

Mobile networks in the US are currently using different technology from one another to make 4G possible (or what everyone is calling 4G, despite the ITU’s new criteria). While Sprint uses WiMax technology, Verizon Wireless uses Long Term Evolution (LTE for short) and T-Mobile offers HSPA+ - a 3G technology with 4G speeds. Verizon will support up to 5-12Mbps and Sprint’s WiMax can reach a headline offer of 3-6Mbps, in comparison with the maximum 100Mbps that will be required from true 4G networks.

As for Sprint, the network is gradually increasing its 4G offering and states that its WiMax system currently covers more than 40 million possible people. Naturally, all of them aren’t actually using it. Sprint puts WiMax at around 2.5GHz on the spectrum, which isn’t too far from where 3G sits in the UK so, in theory, it should have a similar kind of coverage from each mast.

Operating on similar principles to Wi-Fi, WiMax can cover distances of up to 30 miles. As with all wireless technologies though, WiMax can operate either at higher bit rates or over long distances, but not both. Operating at its maximum range of 50km (just over 30 miles) will result in a much lower bit rate, so lowering the range means higher possible speeds.

So that’s the state of play for those lucky early adopters of the Pond, but just because we’re finally getting 4G over here, don’t expect any US 4G handsets to work over here. The radios within them operate on entirely different frequencies.

The 4G revolution still awaits India. Drastic changes and improvements from 3G technology need to be a priority and before they’re addressed, there are many gray areas for 4G. But if done intelligently and thoroughly, 4G holds enormous potential for India and can really create a boom in the IT industry, key to the Indian economy. Hence the evolution from 3G to 4G will be stimulated by services offering enhanced quality, requires increased bandwidth, needs elevated sophistication of large-scale information provisions and must have improved customization capabilities to support myriad user demands.
Cloud Computing

Cloud computing basically gives best solutions for IT sector. Clouding is generally used for sharing purpose. It also allow for using different applications. Its a very advanced technology because it needs 4G (fourth generation) network or a high bandwidth of 3G because all the processing is done online. The beauty about clouding it reduces the no. of servers and it doesn't need of any specific operating system. It can be supported in any kind of OS like Linux, windows etc.

So now the question arises that how the clouding can be helpful for IT people. Clouding is also used for data backup. If in the case of hardware crash or system is formatted, One can get his data by synchronizing the cloud account. Clouding is a kind of technology like a rent store where you can use the different applications and software u need not to install it just pay the rent for cloud connection.

Clouding has its own demerits like it doesn't provide 100% security. To tackle this problem clouding is done in 3 ways:
1) Private clouding
2) Public clouding

Private Cloud.: This kind of cloud is used by big MNC's. Private cloud has its own network in which only firm members can utilize the data or share some information. But the cost goes out of limit.

Public cloud: This cloud is used by general user for that he pays according to his use. But in this cloud the security is not up to the mark because anyone uses your information in any way. Cloud also used for entertainment purpose U can listen to music, watch videos or play games. For that you not need to pay anything. Just pay for your cloud connection.

Scope in India: So far there is no great future in India of clouding because clouding need a high bandwidth of 4G and as we know 4G network is only in kolkata now. It will take a lot of time to install 4G network.

Devices for clouding: It is already clear that clouding doesn't need a specific platform. It works in any OS. Of course it works in your system but it also supported in apple iPhone 4s and iPhone 5 with Machintosh OS. Apple was the first who gives a facility for clouding. But the devices are connected in such a way that the files or data can be shared in apple devices only via apple iCloud only and it’s an example for private clouding.

Nanotechnology

Nanotechnology came into existence around 2600 BC in China when people started dyeing fabrics and since then it has been unknowingly used to impart different colors, shapes and strength to fibres and fabrics. People started understanding that nano particles and nano fibers have exclusive properties which can be used to add different properties to fabrics. Nanotechnology has gained popularity in the last 15 years and the textile industry has benefited greatly from it. This is a complex process.

The use of nano-fibers has increased over the last five years. It has become an area of interest academically as well as commercially. Surface modification techniques have proved very beneficial in manufacturing. Incorporation of nano particles can be used to create anti microbial and electrically conducive fibers. Whether it's a natural fabric or a synthetic one, different nano materials are used in textile manufacturing because of the properties they impart.

Nanotechnology is still an evolving field. Even though it has strong grounds in manufacturing various kinds of products, it will continue to develop in the future. Researchers have been working to improve this technology and its applications.
Why Engineering

Engineering is a field in which your mind and your talents are most important. If you are willing to work hard on challenging and satisfying tasks and continue a lifetime of learning, and if you want to help improve society, consider a career in engineering, it will provide you with opportunity you never knew existed.

Who are today's Engineers?

Engineers are problem-solvers; they are men and women, of all races, colors, religions and nations. Engineering does not discriminate; it is available to anyone who has the creativity, ingenuity and academic skills needed to solve problems and make this a better world. A profession as diverse as engineering needs people who come from diverse background who have had different experiences and who can contribute different perspectives in problem-solving. Diversity is the key to problem-solving, and problem-solving is the key to engineering.

Are All "Engineers" Engineers?

Some jobs use the word "engineer" in the title. Some of these require engineering degrees, but some do not. For example:

- AUDIO engineers specialize in the physics of sound.
- MAINTENANCE engineering who design complicated equipment and maintenance system generally has an engineering degree
- TRANSPORTATION engineers degree design railroad engines, plan new railroad beds and roadways and design airports and the equipment used in transportation facilities.

The primary selection criterion was the impact of the engineering achievement on the quality of life in the 20th century. William A. Wulf, president of the national academy of engineering summed it up well:

"Engineering is all around us, so people often take it for granted, like air and water. Ask yourself, what do I touch that is not engineered? Engineering develops and delivers consumer goods, builds the networks of highway, air and rail travel, and the internet, mass produces antibiotics, creates artificial heart valves, builds lasers, and offers such wonders an imaging technology and conveniences like microwave ovens and compact discs. In short, engineers make our quality of life possible."

To Realize

The value of a sister Ask someone who doesn't have one.
The value of ten years: Ask a newly divorced couple.
The value of four years: Ask a graduate.
The value of one year: Ask a student who has failed a final exam.
The value of nine months: Ask a mother who gave birth to a still born.
The value of one month: Ask a mother who has given birth to a premature baby.
The value of one week: Ask an editor of weekly newspaper.
The value of one hour: Ask the lovers who are waiting to meet.
The value of one minute: Ask a person who has missed the train, bus or plane.
The value of one second: Ask a person who has survived an accident...
The value of one millisecond: Ask the person who has won a silver medal in the Olympics.
Times waits for no one.
 Treasure every moment you have.
You will treasure it even more when you can share it with someone special.
To realize the value of a friend:
Lose one.

IT'S NOT ABOUT IDEAS. IT'S ABOUT MAKING IDEAS HAPPEN.
You Know, You are an MBA when:

- You ask the waiter what the restaurant's core competencies are.
- You decide to re-org your family into a "team based organization"
- You can spell "paradigm"
- You actually know what a paradigm is.
- You understand your airline's fare structure
- You write executive summaries on your personal / informal letters
- You think it is actually efficient to write a 10 page paper with 6 other people you don't know.
- You account for your tuition as a capital expenditure instead of an expense
- Non of your favorite publications have cartoons
- You refer to divorce as "divestiture"
- You believe you never have any problems in your life, just "issues" and "improvement" opportunities
- Your favorite artist is the one who does the dot drawings for the wall street journal.
- You calculate your own personal cost of capital
- You refer to your previous life as "my sunk cost"
- You treat all your meals as "consumption function"
- Your "deliverable" for Sunday evening is clean laundry and paid bills.
- At your last family reunion, you wanted to have an emergency meeting about their brand equity &
- If you decide the only way to afford a house is to call your fellow alumni and offer to name a room after them if they help with the down payment.

My First day at University

I still remember the day when I entered the University premises for the first time as a student and I still remember entering my class for the first time and searching for any familiar or beautiful face amongst the crowd. It was A Very Bright Sunny Day. The Day Was 16th Of August 2012. Everything was new and everyone appeared to me as a stranger.

When you come across a place full with strangers there is a feeling that is a mixture of nervousness, excitement and illicitness which can't be expressed in words but you also feel good at the same time because you get to a new place where you can be whosoever you want to be because no one knows you. The best thing which I liked about that day was that everyone was just ready to make a lot of friends and it is just a little ironical to say 'behaved so well'.

All the teachers were very much cooperative as they are also at present but the only difference was that we appreciated them and considered them as our friend and mentor and unlike now when we take them for granted. That day was a lot better than any of the present day because we didn't carry any shield of ego in our heart. Now what I see is that we have formed different groups and each having clashes with others. We just don't want to cooperate with each other. I wish things could be like when they were at the very first day.

"IF YOU CAN BELIEVE, YOU CAN ACHIEVE"
Can "thinking Big" Lead to Success

The question is if thinking big accomplishes so much,
Why doesn’t everyone think that why?
The answer is simple, all of us, more than we recognise,
Are in the mid of lot of negative influence every day everywhere.
And no wonder, our thinking is small, not big
All around us is an environment
That is trying tugging us, trying to pull us down.
It has often been said that "BIGGER IS NOT ALWAYS BETTER".
Some might say it’s true when considering
The current economic situation,
But I feel it is never true when it comes
To new ideas or personal dreams where
Thinking big is always better.
We can achieve success only by believing we can succeed.

Fresh Beginning

How often wish for another chance,
To make a fresh beginning
A chance to blot out our mistakes
And change failure in beginning

It does not take a special time
To make a brand new start
It only takes a deep desire
To try with all our heart

To live little better
To always be for giving
To add a little sunshine
In a world for which we are living
Never give up despair
Nor think you are through
For there’s always a tomorrow a chance to start a new.

Social Networking : A Boon for Us

In last few decades technology has shown us a drastic transformation, it has stepped us into social networking and wireless communication.

It is clear that media is not just entertainment of an individual or a group but is now a powerful instrument for our coming generation to express themselves. Although, uncontrolled use of social networking has increased narrow minding.

Social network have provided us the opportunity to connect with people and build better relationships with friends who we are unable to meet personally.

A year after leaving school I found all my school friends and I thank facebook for that. Now I can connect to them and share everything, from views to photos and videos.

It doesn’t matter how far you are or how different you are or what your beliefs maybe there’s an online community for you just a few clicks away. Furthermore, social networking have increased consumer awareness, thus social networking has become a perfect information scenario.
Why We Are Not Self Reliant of Arms?

Indira Gandhi had once said, "Country's power is that it can produce by itself." India has replaced China as the world's largest arms buyer, accounting for 10% increase in arms purchases during the past five years. India has tried, but failed, to create a sizable domestic manufacturing industry for weapons or even basic military goods, while China has increased production of defence supplies. About 75% of India’s weapons purchases came from imports during 2007-12, said Laxman Kumar Behra of Institute of Defence Studies and Analysis, a government-funded research organization.

"We lack long-term vision". Some analysts in India attribute the failure to create a domestic defence industry to government involvement but failed. "India's public sector is very inefficient and the private sector is by and large kept out of arms production".

Our weakness-On 23rd Jan 2012, Akula-II by NATO, the Project 971 Sanchuk-B class vessel (the attack submarine) will be on a 10-year lease with the Indian Navy till 2022 under a contract worth over $900 million signed in mid-1990, was handed over to the Indian Navy by Russia.

Our strength-On 26th July, 2009, Former president Mrs Pratibha Patil pressed a button that launched INS Arihant, India’s first indigenously built nuclear submarine, into the Bay of Bengal. Presently India added its domestically made fighting ship SARYU and probably in 2013, India will be going to add VIKRAMADITYA, its second aircraft carrier.

The best example of a country becoming a net exporter of arms from a net importer is China. With an outlay in excess of $100 billion, its annual defence budget is second only to that of the United States. The country was the world's largest arms importer as recently as 2005/06, buying advanced Russian hardware. However, this year, China was the world’s 4th-largest arms exporter. Over the years, through a combination of espionage and reverse engineering, China has developed a cutting-edge military industry. The Shenyang J-11, one of the aircraft that forms the backbone of the People's Liberation Army Air Force, is an unabashed copy of the Russian Sukhoi-27 aircraft, which China had acquired.

We may laugh at the way the Chinese copy things. "But by doing so, they have been able to absorb skills that they might have not learnt otherwise. You know what is not funny? The fact that last year the Chinese built their own indigenously designed stealth aircraft (J-20)." Sumantan and others pointed out that China had harnessed its manufacturing process, developed over the past decade by building everything from iPods to washing machines, to enhancing its military power.

This is not to demoralize or criticize India’s power, we are better in many other cases from them but the thing to concentrate is- "Why we are the fourth power in the world after US, China and Russia?", "Why only government thinks about the protection of our country?". This is the time to wake "YOU" up "the citizens of India" and make India the best in this world. This field has a lot to improve which can only be prospered by your mind.

JAI HIND.
Internet Censorship

Censorship is basically controlling the information which you do not want other people to read and watch due to its objectionable content. Internet censorship is online control of information by blocking websites, search engines and social networking sites such as Twitter, Facebook, Youtube, google etc.

Indian government is favouring Internet censorship in areas concerning political and religious issues.

But the question is why the Indian government is favouring Internet censorship? India is a democratic country. People have a right to freedom of expression and freedom of speech. But is that really happening? There are many instances where people were sent to jail for exercising their rights on an open platform. The Indian Government may be right in some cases but not in all.

Moreover, the Indian government does not have any right to decide which information is relevant or not. Government will keep on changing and so will the content to be censored. Therefore the right to control Internet should not be in the hands of the government. Moreover, it is difficult to keep check on the online content because there are million and billion users of Internet all over the world.

If Internet censorship is imposed in India, the consequences would be huge. As we can see in the case of China, where Internet censorship is very strictly imposed. China has a very extensive Internet filtering and censorship known as the ‘Great Fire Wall’.

Just imagine, if the Internet government takes control and start imposing restrictions regarding the use of Internet on its citizens. Well, it’s really not hard to imagine. Isn’t? We can also take example of America which is also not untouched by the issue of Internet censorship.

Last year in 2012, SOPA which is Stop Online Privacy Act was introduced in American Parliament. An Anti-SOPA movement was organised by the American citizens who saw support from the entire world.

The result was that the Act had to be taken back due to widespread protest. Because, if the law had come into effect, it would have impacted not only United States of America but other countries also including India. Google, Wikipedia, Mozilla, Rediff etc. blocked out their sites for 24 hours to protest against SOPA.

There is a need to create awareness among the people regarding the issue of Internet censorship as the government around the world tried to stop or restrict its citizens from exercising their right to express their ideas. We cannot afford to let the guard down in coming years or our internet freedom will be seriously affected.

Internet is a major part of our life now, all the important information and content is available online. So, it becomes really important for the people to stop Internet censorship.

Open Source Technology

Open source technology is an emerging technology which users often think open source is synonymous with free. With the relatively recent rise of the Internet's influence on production and development of software, open source has become a popular vehicle to obtain widespread use and support of some very popular software titles.

Open source refers to a program in which the source code is available to the general public for use and/or modification from its original design. Eg Linux generated s/w, application etc. It means that open source is truly contradictory to Microsoft which has monopoly in IT. Windows is built on a closed source paradigm that does not allow the end user the ability to see or edit the code that makes up the operating system.

Open source is the popular because we can manipulation of its code and add-ons. Open source provides a transparent platform upon which anyone with the skills can change the development and production of the software. A notable example of open source that if you serve cola-cola to person you cannot change any modification on to it. If you serve Lemon juice instead of cola-cola you can create the juice’s taste as you want. Open source technology has created an open source culture among programmers and developers who create the open source philosophy. Many Linux developers are committed to producing software that rivals the flexibility and compatibility of software. European countries are sounder in technology because they and their government work on to open source environment which is totally free. Thus the cost of production and development is low and they become technically strong then us.

If you are a technical person you should aware of Linux environment which give you feel of open source technology. I truly believe that in the future open source will take its apex as it deserve.
Take Stand... Do Not Feel... Make Them Feel...

All things happen in God’s perfect time... It’s not about the positive thinking of a human, it’s the typical thinking of the persons not ready to effort for a change... a change that might be good, may be not enough to make them comfort, but to make them satisfied of the society they are living in, come on people... blood is not that much cool that we can’t even effort... It’s just the flow of so called system that is being empowered by our dullness. We might feel surprised to know that a right person is always being hatred by our society. Better have a real example at small level of an institute, which has to be thought very practically. Two girls of an educational institute got late for departure of their college bus for 1.5 minutes in noon. As usual, bus driver was instructed to drive away and he moved. It may be a coincidence that bus was on main entry, and seeming possibility of somehow reaching the bus, one girl called a boy who was sitting in the bus, requesting to let the driver stop the bus for an instant. Don’t know by thinking what, driver did not stop the bus saying it’s not his duty to receive each and every student, and went. Getting in anger, girl called the driver and said whatever she could. Next day, she came to know that driver was abusing and using intolerable language which she couldn’t bear. She again went to the driver; this time abusing and giving warning of how she could reach 40km distance by herself. It’s just a level of mind thought or what, driver considered it as the hurting of his ego and complained higher authorities saying that girl was warning him giving threat of kidnapping. Off course, authorities are like made up of what considerations, without listening the loyal reason of the girl, made her stood wrong for what she said to driver and saying sorry for the reason of hurting ego. It’s definitely not about her justice or her image building; it’s about the people who are here in system, who actually don’t consider any loyal reason for which that girl has to be wrong. How can one consider herself/himself satisfied for protesting against a right thing. It’s not the example at a national level, but off course system starts getting ruined from these small levels. Its like, rules are the cover space of their own mentality; thinking and whatever they think things should be according to them.

Well problem or circumstances are not the part of life, one must overcome the conditions, face them, and make effort. And we assure ourselves that something will definitely change, life does not defeat every time.

And that assures, life does not give comfort zone every time.
DO BOIL YOUR BLOOD.... Do not feel, make them feel, things would change...

Goal of Life

Each Soul is potentially divine. The goal is to manifest this divinity with in by controlling nature external and internal. Do this either by work or worship or psychic control or philosophy by one or more or all of these - and be free.

- Pleasure is not the goal of man
- But knowledge pleasure happiness comes to an end. It is a mistake to suppose that pleasure is the goal. The cause all the miseries we have in the world is that men foolishly think pleasure to be the ideal to strive for. After a time man finds that it not happiness but knowledge towards which he is going that and pain are great teachers.

- The ultimate goal of all mankind, the aim and end of all religions is but one reunion with god, or what amounts to the same, with divinity which is every man’s true nature.

- The ideal of man is to see god in everything. But if you cannot see him in every thing, in that thing which you like best, and then see him another. So on you can go...

- In this world of many, he who sees the one in this ever-changing world, he who sees him, who never changes, as the soul of his own soul, as his own self, his is free he is blessed, he has reached the goal.

"Think Little Goals And Expect Little Achievements. Think Big Goals And Win Big Success "
अभिव्यक्ति

सामूहिक गीत

जिनके ओजस्वी कवनों से, गूँज उठा था
विश्व गान!
वहीं प्रेमण पुंज हमारे, स्वामी पूजा
विवेकानंद!
जिनके माथे पुस्तकाः थी दैविक गुण आलोक
भरा
अद्वैत प्रजा प्रकटी जग में, धन्य–धन्य यह पुण्य धरा
साथ समानि परस्पर ज्ञान का, जो करते अभिनव विलन।।
जिनका फूलाली भुजा था, हर संकट से सदा अटल
मयादित, तेजस्री जीवन, सजन, समर्पित था हर पल
हो निर्भय जो करे गर्भना, जिनके अंतमू दिव्य–अगन।।
जिनके हृद–छेम में करण, समस्त जनजीवन की चाह
नाट करे सारे मेरों को, सेवात्मक ही सबसे राह
dरिंदा भी नारायण जिनका, हर धड़कन में अपनान।।
जिनके मन था स्वतं महान, हो भारत का पुनरुज्जन
जीवन–दीप जलाकर पाई, गरीबवान वैभव, समान
जागति में सब सुखद सुमंगल, बहे सुगंधित गुंकुर–पवन।।
कोटियोंः कंदन।।

एक बार कोशिश करके तो देखो

उड़ने की शिकायत हो करते,
विश्वास के पंख लिए अम्बर में उड़कर तो
देखो
खुशबुवार लम्बों के लिए हो तरसते,
आंसुओं की लड़ी हटाकर तो देखो
रिश्तों की शिकायत हो करते,
दिलों क दूरिया मिटाकर तो देखो
कायदे कानून की जजंगीयों में हो जाकरे,
विचारों को नील गान में फेला कर तो देखो
बेरंग सी जिन्दगी में मायूसी की घड़ाये ह छाई,
सपनों की दुनिया में संग भरकर तो देखो
हसरतो हो जानीयो पूरी,
एक बार कोशिश करके तो देखो।।

वो बचपन

कल एक नहीं से बबे पर जो पड़ी मेरी नजर
अपनी ही मस्ती में यो डोल रहा था इधर–उधर
उसका ज्योतिष होकर वूँगना
पुबारे को देख कर मचलना
दोस्तों संग अपनी ही मस्ती में खेलना
अपनी साइकिल पर इटला के चलना
माँ से छुप कर मिही में खेलना
चुपके से जाकर माँ का औंघर पकड़ना
भाग कर हँस जाना
पकड़ो तो उसका हाथ ना आना
उसकी इह अध्यापियों से आई होती थी मुरक्कानों
अर मन में आया एक अजीब सा भाव
मेरे सोचा यह भाव होगा स्नेह का
पर यह तो कुछ और ही था।।

मुझे उस बबे की स्वचंभरता से हो रही थी जलन
सोचा मैंने कि कितना अच्छा होता है बचपन

काश कभी हम बड़े ना होते
तो ना होती पढ़ने की फिकर
ना होता भक्तियों की सिंगा
ना नौकरी फूट जाने का झर
ना होती धर की परेशानियों
ना होती पैसे कमाने की लालक
पर फिर बिचार आया
कि अब ईश्वर करने से क्या फायदा

जब दिन शे बचपन के
तब तो रोज दुःख में यही मांगा
कि काश मैं भी बड़ी हो जाके
उपरसे ने भी इस बार सुन ली

यही सोच मैंने उस बबे के सिर पर हाथ फेश
काश मेरी तरह उसका बचपन ना छोड़ उसका साधः

Annual Magazine-2013
ये पल बूढ़ी गुजर जाएगा...

चाहे कहाँ चलें बहरीके बीज नहीं देते, कहाँ तहर पाएगा...
लम्बाइये से उन पलों में दूरियों का पल कैसे समाप्त...
प्यार के खिताबर निये तोहफ़े खरीदना, उसी प्यार के लिए दोस्तों से लड़ना
कौशले के नाम पर कैंटी जाना, नौ नये बहाने देकर लेकर ना जाना
यारों से झगड़ा और मानना, उनकी छोटी सी तकलीफ़ को भी
दिल से लगाना
कहां से लाज़न ये पल, कहां से लाज़न यो वक्त?
ये पल बूढ़ी...

पिछले बैंच पर की वो मस्तियों, अटकेन्स ना होने पर टीचर को
गालिया
प्रेमपूर्ण लीवे में शुरू करता पढ़ाई, रिजल्ट ना आने पर देना
यूनिवर्सिटी को दुहाई
सीखना और समझा बहुत है हमने, जिंदगी के हर पहलू को जाना है
हमने
अलविदा कहकर जा रहे है दोस्तों को, कौन जाने कब कोई मिल
जाएगा...
ये पल बूढ़ी गुजर जाएगा...
वक्त कहाँ हमारे लिए ठहर पाएगा...

सजावट अपने गुणों से ऊपर उठता है
ऊंचे स्थान पर बैठने से ऊंचा नहीं हो जाता है
सुनो नन्दलाल... तुम्हें आना होगा

इनका अधिकार दिलाना होगा
कोटिकोटि बाल कंठों की ये मनुहार आज इस गुंग में भी एक बार सुनो नदलाल.. तुम्हें आना होगा नन्दलाल तुम्हें आना होगा।

कहे कहा तरसाई की बात
नहीं योयम आते देखा पिता के बड़े कंघो पे पुत्र का शत जाते देखा ये कैसा है निचति का लेख गुटी है अमृत मायाज की रेख व्यास है व्यसन अनकानेक मदिरा, झूसे, गुटे और स्मैक लित है इनमें हर कोई जवानी आंधे फुं कोंची खूबी सड़नों की खौंटी देख भारत मौं भी रोई है सारी मानवता बेहाल बढ़ रही दशनता विकाराल ये कैले कैला मायाजाल युवाक दिखते ज्यों हो नर-कंकाल इन नर कंकालों को फिर से शिव रूढ़ बनाना होगा भारत की सोची जवानी को फिर से आज जगाना होगा।

रहा है छोटी छोटी छोटी दिला दो बोटी और बोटी छठा दो कच-प्याले-होला यस्की मांगे बचपन भोला संवारों इनका ये बचपन बचे जाओ अब तो मोहन इन बाल सखाओं को फिर से
INSTITUTES OF POORNIMA FOUNDATION

Poornima College of Engineering
Estd. 2000, Engineering

Poornima Institute of Engg. & Tech.
Estd. 2007, Engineering & Management

Poornima School of Management
Estd. 2007, Management

Poornima Group of Institutions
Estd. 2009, Engineering

Poornima University
Estd. 2012, Engineering, Architecture, Management, Commerce and Basic & Applied Sciences
11 गौरीमा गान

जय जय जय पूर्णीमा संस्थान,
मनस्मृति अभिनन्दन करती, अरावली देता मुस्कान
उन्नत शिक्षा आदर्शों पर, आधारित जिसकी संस्करण,
ज्ञानम् बिना न किमपि साध्यम्, जिसका जीवन ब्रह्म महान्
युवा शिल्पी रहते रचनारंग, यन्त्र कला कौशल अपनाकर,
विद्युत्, सूचना, संगणक से, अंतरिक्ष तक मरें उदान
मानवता से करें प्रकाशित, ज्ञानदीप की लौ जलाकर,
तारागण सम सदा चमकते, जनमानस का करें कल्याण
करें वन्दना, सरस्वती माँ की, पूर्ण हो मन की अभिलाषा,
सृजन हित दृढ़ नित परिश्रम, व्यय राष्ट्र का नव निर्माण

11 11 जय जय ..... 
11 21 जय जय ..... 
11 31 जय जय ..... 
11 41 जय जय ..... 
11 51 जय जय .....