



EXPEDITION...

Quarterly Newsletter

Ch. Brahm Prakash Government Engineering College, Jaffarpur, Delhi

"Develop an attitude of gratitude

And

give thanks for everything that happens to you,
Knowing that every step forward is a step toward
something bigger and better than your current
situation"

--Brian Tracy



Principal's Message

I am delighted to issue this message for the inaugural issue of the Newsletter of the CBPGECD. I think that Newsletter is a remarkable idea which will provide a common platform to students, staff and faculty for sharing the experience, innovative ideas and information about academic events, cultural activities and sport activities for the development of the college.

A newsletter of this nature acts like a linkage, within the Institute, between the Institutes and with outside World. Such Newsletter will enhance the prestige of this college and will make an impressive positive impact on the stake holders of this college which includes students, staff, faculty, affiliating University, sister Institutes and Department of Training and Technical Education, Govt. of Delhi. The newsletter will result in the development of linkage with the Industry in future. For this editorial board may explore possibilities of publishing articles from Industry or publishing interviews of renowned personalities from the Industry.

In March 2007 only a beautiful circular building was handed over to us, when Govt. of Delhi decided to establish the new College at this place surrounded by beautiful pollution free environment. Today this campus is full with life and has a highly vibrant environment due to the presence of our young enthusiastic and energetic students, committed and knowledgeable faculty and staff.

The new college is facing some challenges but, we are fortunate that these are not insurmountable and will be resolved with strong and energetic team of students, staff and faculty of our college & encouraging strong support of Department of Training and Technical Education, Government of Delhi.

Being Principal, on behalf of the College, I am grateful to Govt. of Delhi, to the Principal Secretary (Technical Education) and to the various past and present officials and their team for continuous support and guidance provided to the team of CBPGECD. Our team will try to convert this college into a centre of excellence by providing the relevant technical education and nourishing the research and innovative ideas of young vibrant minds. I am highly optimistic about the future of our college.

While congratulating the editorial team for their great effort in publishing the inaugural issue, I hope that the team responsible for the publication will continue their effort and will always maintain the desirable highest standards of publication to make the newsletter worthy for the Government College it represents. As even semester of this year will be ending soon, I wish you the best for your performance during the forthcoming exams. Finally, I wish grand success to all of you in achieving your goals.

Prof Pratima R. Bose

Principal, CBP Government Engineering College, Jaffarpur, Delhi

SNAPSHOTS...

- *Editorial Desk.*
- *Stop Complaining.*
- *Startups@ GEC*
- *Intra-College Competition.*
- *Prarambh.*
- *Sports Meet*
- *Planning & Development.*
- *Happenings*
- *Life Size Devices at Campus*
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Dean's Message

This is our first newsletter since this college was established in 2007. A special thanks go to our Principal and staff members who are very caring, talented, and dedicated group of educators and to all the editorial members for their efforts to launch this newsletter. I hope that each one of you will consider the special gifts of talent that you bring with you to this college, and also consider how you can share them.

We mark this first issue by featuring the vibrancy of our College with the many events and activities that we have undertaken. These celebrations are important as part of our educational process.

This year we hope to finalize our planning for building the new academic and residential blocks to make sure that our professional development supports our staff and students. It is worthwhile to mention here that the success of staff and students is a virtuous cycle as Successful Staff motivate students leading to Student Success; Successful Students motivate Staff leading to further Staff Success.

I hope the time spent by you in this college is a fruitful one and you may want to consider how we can make it better in 2010. We have seen many changes here at CBPGCED since inception and we need to focus on establishing the standards for others to follow.

Happy reading!

Prof. Vijay K. Minocha



OSD Academic's Message

"Concentrate on your goal and then decide activities keeping the end result in mind." First decide what you

want to do and how to do it and then make action plans for activities. Many people keep doing activities, day and night, which are not focused towards the end result and such people take great pride in telling others that "I have no time even to breathe". In the long-run this attitude affects their health and ultimately their attitude towards life becomes negative. "EXPEDITION..." is the outcome of the constant encouragement and able guidance provided by Prof. (Mrs.) Pratima R. Bose, Principal, Ch. Brahm Prakash Government Engineering College, Jaffarpur, Delhi.

Pankaj Lathar

From the Editorial Desk....



Did you ever notice, that the most likely topic that we discuss amongst us are the 'institutes affairs'-the new sports and cultural events being conducted on campus and in the university, the new academic policies, the library rules, the list goes on and on....and do you know the reason for this, it's because there is so much happening around you. And there is so much that has already happened since the college started. Don't you feel inquisitive, we are sure you do, and you do wish to

express yourself, but at times You feel it's too late. And as Philip Wylie rightly said, "Ignorance is not bliss-it is oblivion". So why remain ignorant, why not know about the events as they happen.

So, our main objective of bringing forth the College's first ever newsletter is to bridge this gap. We also wish to give you the information regarding Academics and Cultural activities. We are also looking forward for a bidirectional flow of information. Feel free to convey any information of interest to student community for inclusion into forthcoming issues of 'EXPEDITION...'. We hope you will enjoy reading this issue and would appreciate our efforts. Also suggestions for the improvement of the newsletter will be thankfully acknowledged and incorporated in forthcoming issues.

Editorial Team:

- Mrs. A. Mubin Mazlinaa (Faculty Editor)
- Jyoti Leeka (IT Batch'07)
- Gaurav Choudhary (IT Batch'07)
- Gaurav Rawat (Civil Batch '07)

"Stop Complaining..."

The objective of this article is not to give you yet another lecture. We did not say that we ourselves will bring the change. We merely express our views that GECians should try to "BE THE CHANGE THAT THEY WISH TO SEE" as said by Mahatma Gandhi. It often happens that we find ourselves criticizing the system...the society, the country. But we forget one thing that we are 'WOULD BE ENGINEERS'. Engineers are revered the world over, not only for their mathematical abilities but, actually for the application of their learned skills for the welfare of the society. Now the question arises how we as students can contribute? One doesn't need to enter politics and do strikes. But the small-small things like switching off lights and closing the water taps when not in use are often neglected. Don't you think we have direct control over these things? If each individual starts performing these fundamental duties, think of how much electricity and water can be saved...

Plantation Ceremony:

The Plantation ceremony conducted last year has created quite a good impression. If we take initiatives like this, think of how much we can contribute. We can easily divert just a little of our energy, which we at times spend protesting and criticizing, to such constructive pursuits. At last we certainly not expect you to become the future political leader, the next time to think of throwing some waste paper, just throw it in the basket and we request you to keep taking initiatives like the above mentioned ones.

Blood Donation Camp:

The Blood donation Camp organized in association with Rotary Club was a significant step made by G.E.C to bring 'that' change and it deserves special kudos. This Camp was made a huge success by the overwhelming participation of students as well as faculty members. These GECians deserve special mention as they acted as a ray of hope in lives of people who were in emergent need of blood and also in the life of their near and dear ones, as Rotary club has given a donor card, which could have been used as and when they require blood.

Startups @ G.E.C.



Ch. Brahm Prakash Govt. Engg. College, Jaffarpur, Delhi of what we popularly call as CBPGCED has undergone a sea change from the time its first batch stepped in, to this moment in time when dreams of 420

budding engineers are being shaped, in its three branches namely Information Technology, Civil and Environmental Engineering. And if we reminisce back lots of cherished memories come back alive, as if, all this happened yesterday. It's hard to believe that since its first academic session began, the earth has completed two revolutions around the sun and is about to complete its third.

If one takes a trip down the memory lane, the very first academic session of the college began with 120 students in Civil Engineering and Information Technology. Well, do you know that the first cultural event organized was the celebration of Independence Day which was held just 14 days after the beginning of the academic session, which was followed by Diwali celebration and intra-college competitions.

In this journey one major step comes as the **Dedication Ceremony** of our college. This was an event that was eagerly awaited, by one and all. Finally the dawn of 19 January 2008 came. The event saw the gracious presence of **honorable Chief Minister Smt. Sheila Dikshit** as Chief Guest and **honorable PWD Minister Sh. Raj Kumar Chauhan** and other dignitaries. Speaking on the occasion, the Chief Minister said that Delhi being the capital and the hub of commercial activities, it had been a constant attraction for the growth of engineering and technical manpower. In fact, despite the growth of self-financing colleges of engineering and technology, a large number of 10+2 science stream students still continue to move out of Delhi in pursuit of higher education in engineering and technology areas. With commencement of Ch. Brahm Prakash Government engineering college, students of rural areas would be benefitted. The department of technical education is planning to develop this engineering college as a centre of excellence in the area of civil and environmental engineering and related fields as per the vision of the state government. *"This is our aim to develop this centre of excellence in an area, which is very much needed for the development of our city as well as our country. To support the phenomenal growth of technical education, the government of Delhi had established Guru Gobind Singh Indraprastha University, which promoted the growth of self-financing institutions under its affiliation,"* she said.

In the second academic session, we, sophomores were joined in by 150 freshmen. The Campus started buzzing with activities and events like Independence Day Celebration and the major cultural event conducted was 'Prarambh –the beginning'. As we all know that college is now in its third academic session and by far annual sports meet conducted successfully drew a lot of participants.

Intra-College Competitions

Debate competition:

A healthy debate always enriches new thoughts and accentuates novel ideas. After realizing this intention a debate competition on the topic "Have we achieved the maximum of our mental capabilities" was held at our college amphitheater in the month of January 07. The event was presided by the Principal Prof. (Mrs.) Pratima R. Bose and Dean Prof. Vijay K. Minocha and other faculty members. The participants were well appreciated by the students. In this debate innovative thoughts and various aspects of human potential, capabilities and ones competence in achieving his/her goals were discussed. This debate competition enriched new ideas and thinking in one and all. The first prize was given to Ankit Chauhan (IT 07'Batch) for speaking against the motion. The second and third prizes were achieved by the students Arpit Verma & Akshay Gulati of Civil 07, respectively.

Painting competition:

Painting is one of the ways in which a person can express his/her creative innovations. An open painting competition was organized on January 2007 in our college campus. Various entries from students were received and among these, the entry submitted by Nipun sehgal, a portrait of Dr. M. Vishveshwarya, was considered the best. The paintings of other students were also well appreciated.

Miscellaneous:

miscellaneous activity competition was also conducted, to encourage students to bring up the hidden talent. The main aim behind this approach was to enrich the talent of all students. A documentary on Jaffarpur College named "Jaffarpur- Retrospect's and prospects" was developed by Chetan, Shafi, Suraj, Akhi Goel, Apoorve, Rohin of Civil 07 batch and Vivek of IT 07 batch. The documentary uncovers the past reflection of Jaffarpur and exhibits the new bright prospects of Jaffarpur after the establishment of new Engineering College.

PRARAMBH...The Beginning



On 6th March, 2007, it was declared by the Delhi Government that CBPGCED will be established at Jaffarpur, New Delhi - 73. Two years later, it was the first time when more than 200 GECians were at the same place and that was because of **PRARAMBH...The Beginning**.

6th March, 2009 was a day awaited for in eagerness by the GECians as it brought much cheer for all as it showcased the unity and untiring spirit of the Students and Staff. Although it was just a normal cultural function but was taken by all the students as the first fest of our college. The main purpose of *PRARAMBH* was to bring out the talent of students & give them a platform where they can explore their talent.



As it is well known that the regular academic session of GGSIP UNIVERSITY is intense, as a large number of topics are to be covered in a short duration. This is excruciating for both students and the staff. So, Prarambh provided the much needed rejuvenation to GECians by helping them recharge their energies for carrying out academic activities with renewed zeal, once the festival was over. It attracted participants from all branches, who practiced vigorously, in order to emerge as winners.



The event started off with Prof. Vijay K. Minocha (Dean) giving the inaugural speech. He also highlighted the importance of cultural activities along with studies, as they helped in the overall development of the student. This was followed by lighting the lamp and the much-anticipated Skits, On the Spot games, Singing (Music), Solo and



group Dance. The event concluded with Mr. and Miss Fresher 2008 being selected. At last Prarambh held a high class due to quality participation as well as judges.

Winners of the following categories are as follow:

Solo Dance: Arpit Verma.

Solo Song: Jeevesh.



Best Street Play: *Andhi janta kachra samachar* (Ankit Verma, Kranti, Anshu, Apoorve, Ratish, Ajay and Ekansh).

Best Actor: Yateesh Tomar.

Best Actress: Anshu Nirula.

Group Dance: Varnika Jain, Arpit Verma, Mayukh Das, Raman, Shubhangi Bhel, C. Preeti, Sonika, Nikhil and Mohit Aggarwal.

Mr. & Miss Fresher (2008): Mayukh Das and Megha



Annual Sports Meet, February 2010

"In order to excel, you must be completely dedicated to your chosen sport. You must also be prepared to work hard and be willing to accept constructive criticism. Without a total 100 percent dedication, you won't be able to do this."--- Willie Mays



The above saying is sacrosanct about all sports and in general about all the aspects of life. Physical activity of some kind, not only keeps one

physically fit, but also helps in developing virtues of team spirit and discipline, which are indispensable for success in each and every realm. In order to encourage the spirit of sportsmanship and to provide a platform to showcase the talent of students in a competitive and comprehensive environment, Ch. Brahm Prakash

Government Engineering College orchestrated its annual sports meet from 3Feb to 6Feb, 2010. The occasion was graced by the



presence of Prof. (Mrs.) Pratima Rani Bose (Principal), Prof. Vijay K. Minocha (Dean) and Mr. Shashank Gupta. Principal tossed the coin for the inaugural cricket match was played between IT batch'09 and civil batch'09.

Four games namely Cricket, Volleyball, Table Tennis and

Chess were conducted side by side.

The Cricket and Volleyball matches were conducted batch and branch wise, while an open



invitation was given for participation in Chess and Table Tennis. The event saw an overwhelming participation of students from all the three branches viz Information Technology, Civil and Environment Engineering, to make the tournament a success. The teaching and non-teaching staff coordinated with the organization of the events by encouraging students and also by umpiring the events. On 5th Feb and 6th Feb finals and semi-finals were conducted among the winners of individual events.

The winner of the each event is given as under:

CRICKET:

Winner	–	IT '07 Batch
Runner up	–	IT '08 Batch
Highest Run Scorer	–	Sourabh Yadav (IT '07 Batch)
Highest Wicket Taker	–	Manoj Bagri (IT '07 Batch)

VOLLEYBALL:

Winner	–	IT '07 Batch
Runner up	–	Civil '08 Batch

TABLE TENNIS SINGLES:

1st	–	Rahul Gaba (IT '09 Batch)
2nd	–	Naveen Yadav (IT '09 Batch)
3rd	–	Anuj Neb (IT '07 Batch)

TABLE TENNIS DOUBLES:

Winner	–	Amit Kumar & Sourabh Yadav (IT '07 Batch)
Runner up	–	Rahul Gaba & Naveen Yadav (IT '09 Batch)

CHESS:



Winner	–	Bahram Yaran (Civil '09 Batch)
Runner up	–	Amit Yadav (Civil '09 Batch)

The secret of getting ahead is getting started. – Mark Twain

Workshops:

Workshop on 'Evolving State of the Art Academic Requirements for B.Tech (Civil & Environmental Engineering) Programme and Developing Resource Material' was held on May 29, 2009, at CBPGCED. Experts from IIT Delhi, IIT Guwahati, IIT Roorkee, DCE, Jamia Millia Islamia, IGNOU, Punjab Engineering College, GGSIPU and CPWD were present during deliberations. Dr. Vijay K. Minocha, Dean (Academics) moderated the workshop. The final scheme and detailed syllabus for B.Tech (Environmental Engineering & Civil Engineering – 5th & 6th Sem) incorporating the suggestions made during the workshop were enclosed for forwarding to GGSIPU for implementation as per rules. The earlier workshop for CIVIL (3rd & 4th Sem) was held in April, 2008. At the workshop it was desired that the institute may consider getting membership of professional bodies like Institute of Engineers, ISTE, etc. for professional development of the students.

Cycle Rally:

Students of CBPGCED participated in Cycle Rally organized in context of Commonwealth Games held on 1 Nov, 2009. The rally was flagged off by Honorable Chief Minister Smt. Shiela Dikshit from Raj Ghat. The students cycled 15 k.m. stretch covering DaryaGanj, Red Fort, Kashmere Gate and ended at Raj Ghat itself.

Prof. (Mrs) Pratima R. Bose (Principal), Prof. V. K. Minocha (Dean) and Mr. Shashank Gupta were also present at the occasion to cheer students.

Planning & Development

VISION OF COLLEGE: To be a centre of excellence of Global Standard with interdisciplinary Perspective.

MISSION OF COLLEGE: To provide excellent education based on stable and secured foundation of science and technology by developing an attitude towards lifelong learning and interdisciplinary perspective with sense of responsibility for physical, social, economic, political and cultural environment.

Objectives of CBPGCED:

- To develop analytical ability and problem solving attitude by educating students in appropriate.
- Technology and computational methodologies.
- To develop ability and skill to relate theoretical knowledge with field application of engineering.
- To develop an attitude towards lifelong learning in students.
- To develop inter personal skills and decision making skills.
- To develop interdisciplinary perspective and capability to work with people having different cultural and national backgrounds.
- To promote and establish professional ethics and sense of responsibility for physical, social, economic, political and cultural environment.

Highlights:

- The college has 5 foreign national students in Civil Engineering.
- Delhi Government has approved the creation of

centre of Advanced Studies and Research for Disaster Mitigation Management, Environmental Monitoring and Forecasting.

- **Education Satellite System:** EDUSAT was launched by ISRO on 20th September 2004, exclusively for the education sector, as a collaborative project of MHRD, IGNOU and ISRO. Due to shortage of lecturers, properly qualified/good Quality teaching is a major issue. This System was set up in CBPGCED to promote interactive teaching session on 18th Jan, 2008.
- All the lectures/episodes delivered on EDUSAT for the various channels are recorded and stored in a special media storage facility. The facility comprises of a modern compactor system which is installed in a dust-free, temperature controlled environment. All the scripts are also stored separately in the media storage facility.
- Well furnished Air- conditioned Computer labs and Networking (LAN) is in progress.

Future Aspects:

Total Planned Strength of students by 2015

B. Tech.	=	1440
M. Tech.	=	360
M. Sc.	=	144
Ph. D	=	20
Total	=	1964

Planned Infrastructural Development:

- Buildings for Academic, Administrative activities student amenities.
- Hostels for boys & girls staff residences etc.
- Proposal for construction of 28,300 Sqms. Carpet area (36790 built up area) has already been sent to Govt. and PWD.

UG and PG Programmes planned for future:

(a) UG Programmes:

S. No	Programmes	Intake
01	Increase in intake of Civil Engineering from 60 to 120	120(60+60)
02	B.Tech in Computer Engineering	60
03	B.Tech in Construction Engineering & contact Management	60

(b) Post Graduate Programs in Engineering:

S. No	Programmes	Intake
1.	Environmental Engineering & Management	18
2.	Structural Engineering	18
3.	Disaster Mitigation & Management	18
4.	Construction Engineering. & Contract Management	18
5.	Transportation and Traffic Engineering	18
6	Computer Engineering	18
7	Water Resource Engineering. & Management	18
8	Geo-informatics Engineering	18
9	Infrastructure Engineering	18
10	Information Technology	18

(c) Post Graduate Programs in Applied Sciences:

S. No	Programmes	Intake
01	Applied Mathematics	18
02	Applied Chemistry	18
03	Applied Physics	18
04	Environmental Science	18

Happenings:

Lectures/labs at NSIT & DCE:

Lectures and labs of Information Technology and Civil Engineering students are regularly conducted at N.S.I.T. and Delhi College of Engineering (currently known as D.T.U.). Also faculty from these institutes takes lectures as guest faculty at CBPGCED on regular basis.

Lectures of DKDF:

Two special lectures of Delhi Knowledge Development Foundation are proposed to be conducted at CBPGCED.

Library:

The college has well furnished and well stocked library. It has books of more than 8100 titles and 8 journals for references, the numbers are growing progressively. 11 national magazines are also available to for the students along with daily and weekly newspaper. The future plan includes fully computerization of library, facility of book bank and online reservation of books. The library infrastructure is up to the mark and special reading section is being well furnished.

Summer Training:

CIVIL: Summer training for the students of civil Engineering VI semester took place in college itself. Primavera, AutoCAD, AutoCAD Civil 3D, Auto Plotter, Revit Structure & Revit Architecture were the software to which the students were trained comprehensively. An introductory Knowledge to STAAD and RM was also given to the students during the summer training. Students were trained by the expert trainers from the authorized training institutes of these respective softwares. The training will be very beneficial and valuable for the students in their professional life.

IT: In-house summer training was also conducted for students of Information Technology. During the training the students were taught VB Dot Net and Structured Query Language. The training enhanced the knowledge of students, by providing them with a proper mix of theory, project and practicals.

Recruitment of faculty members:

Recruitment regularly takes place at Ch. Brahm Prakash Government Engineering College in order to attract quality faculties.

Scholarships: Scholarships are provided at CBPGCED to students on merit as well as merit-cum-means basis.

Volunteers for Commonwealth Games:

Students of Ch. Brahm Prakash Government Engineering College zealously filled in the application form for being volunteers at Common Wealth Games 2010. The spirit of participation and fervor among the students is appreciable as 121 applications were submitted to Guru Gobind Singh Indraprastha University for further processing.

Life Size Devices at Campus

Seismometer:

A seismometer for round the clock measurements of the ground motion is placed in college premises. It was installed under Delhi Strong Motion Instrumentation Network by department of Earthquake, I.I.T Roorkee in year 2007. Measurements of ground motion are done in Richter scale from this seismometer.

Metrological Instruments:

A Metrological data Collection Station was setup in college premises in year 2009 by Indian Metrological Department (I.M.D.), Pune. The data collected by the instruments are sent directly to I.M.D., Pune through online network. The attributes of weather components which are recorded by the devices are:

- Temperature
- Intensity of rainfall
- Wind Velocity
- Atmospheric pressure
- Humidity
- Radiations(Global Radiation Sensor)

Pollution Monitors:

Centre Pollution Control board had setup a pollution monitoring unit in our college in November 2007 for three months. The concentration of Suspended Particulate Matter (SPM) and Respirable Suspended Particulate Matter (RSPM) were monitored. The result of these observations uncovers that Jaffarpur has one of the best atmospheric air in Delhi.

Know Us:

PATRONS:

Principal : Prof (Mrs.) Pratima R. Bose
 Dean : Prof. Vijay K. Minocha
 OSD Academics: Mr. Pankaj Lathar

For more information visit College website:
gecdelhi.ac.in



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Inputs are invited at:

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