Learning gives creativity
Creativity leads to thinking
Thinking provides knowledge
Knowledge makes you great
... Dr. A. P. J. Abdul Kalam

THE PRINCIPAL PENS

Knowledge enters our being, colours our emotion, lights
our soul and forms our heart as its self. It is the prime factor
of our prosperity. It forms daily because of the structured way it
gains and is available to all the students. It is the base of all
educational institutions, with teachers, staff,
students, in seminars, workshops and service works. Our institution,
though being located in the heart of the metropolis, this
location is blessed with an advantage to the engineering students
who are absorbed in the vast and diverse entrepreneurial activities
of this location is fortunate.

I am very honoured to be given the charge of running the col-
lege that has achieved much through the leadership of former
Principals. As we start the new academic year, let us approach it
with determination and renewed energy. We must continue our
successful tradition of the students from our present
and forge ahead towards making positive changes. We must
acknowledge that change is inevitable, sometimes we
may run out of patience and patience is key to keep us
on the cutting edge. We have been involved in many activi-
ties for the betterment in the coming years. We have been
involved in many activities to keep our students
on the cutting edge.

Our various departments are moving ahead in their respective fields
deriving the educational standards. Many of our
faculty members have contributed in their respective fields
of science, technology, education, language and culture.
All of them are involved in various activities and
are leaders in their respective fields.

Our campus is well connected and we have actively
set up LAN. Subsequently, we have planned the online
Examination process to monitor the students progress
regularly. At the same time, we have taken several initia-
tives to the examination reforms as suggested by MHRD
and discussed the issues with the faculty members at sub-
sequent meetings. Steps are also being taken to monitor the
academic programme for quality education and encourag-
ing the students for their projects by giving them financial
support. Through our academic educational policy, we will
continue to cater to the needs of the differently abled stu-
dents, especially those with special needs, making sure
we remain as up to date as possible. This year most of
the faculty have been involved in various teaching
programs to improve their knowledge.

Remember, we continue to strive for excellence, in achieving excel-
ence, to strive for excellence is a criteria, which can only be achieved
through hard work, dedication, and perseverance. We
face challenges, but we do not surrender. We
continuously work towards achieving our goals, and we do not give up,
even when faced with obstacles.

Motto:
"Education is an important ingredient in achieving success. It is the key to unlocking
the doors of opportunity."
On 31st January 2016, a technical seminar was organized by Civil Engineering Department on Deep and Pile Foundation for the enrichment of the Students. Our in-house speaker Prof. Bipin B. Chadharepal, a Civil Structural engineer with 40 years’ experience in India and abroad, spoke on ‘Wall & Diaphragm Foundation’. The guest speaker for the day was Mr. Balamurugan Marimuthu, who is a foundation engineer with years of experience. His topic for the day was ‘Pile Fundamentals’. The session ended with a question and answer session where students asked probing questions to the speakers.

On the 3rd of March, 2016 a seminar was organized by the Department of Computer Science and Engineering on ‘Recent Trends in Computing’. Guest speaker Dr. Debasish Das, Associate Professor, WBUT enlightened the students with the concept of mobile cloud computing. It was an extremely interactive as well as interesting session. Mr. Sourav Karan, Scientist at Vehere Interactive, Kolkata, gave a presentation on the topic ‘Counter Terrorism by Efficient Computing: Case Study Voice Analysis’. He emphasized on the acoustic features of voice and detection of mimicry. The final guest speaker for the day was Mr. Vivek Bansal, Regional operational Head of TCS Consultancy Services (TCS), who addressed upon the various platforms to deliver services over Internet and discussed about the architecture exemplar of cloud computing. A poster presentation competition was also organized on the topic ‘Recent Trends in Computing’. The seminar ended with the speakers taking queries from the audience and prizes given to the best poster.

On 29th March 2016, a seminar was held having an illustrious panel of guest speakers - Dr. Kameshwar Dasgupta (Chairing Director, CSDR-CGIRL), Dr. Sudh K. Senapati (Professor, Jadavpur University), Prof. Subhadra Chatterjee (Jadavpur University), Prof. Susanta K. Paul (BEST, Shibpur). Mr. Pradip K. Saha (President, Khaban Vinodh Help Pvt. Ltd.).

The first lecture of the day was delivered by Dr. Kameshwar Dasgupta. In his speech he emphasized on the electrical signal transmission through optical fiber, polarization of field that is sent under the subcutaneous coating of specified waveguide, fiber modes, array of fiber gratings used in specified sensors, the advantages of using light as carrier and effectively, the design and importance of optical switching, keeping in mind the physical parameters like temperature, stress, pressure, tension, vibration index etc. Prof. Subhadra Chatterjee enlightened the audience on topics such as speech on ‘Manopulate Radio Technique that is used in aircraft, vehicular, and ships to detect or locate light reflecting or radio wave reflecting objects’. Mr. P. K. Saha gave the participants a deep and effective idea into the business ambience and environment. He also gave an idea about the leadership skills and qualities needed by an entrepreneur and business houses to flourish and prosper. For the past ten years we had Prof Dr. Sudh K. Senapati, who in great details and local language explained the MOS structures, the physics behind it, basic CMOS, VLSI structure and design, simulation systems, realization of complex circuits. The final presentation of the day was delivered by Prof Susanta K. Paul on antenna theory, microstrip technology, antenna feeding methods, frequency selective surface (FSS) structures and its related applications. The whole session was immensely informative and vibrant.
The seminar was organized by the Mechanical Engineering Department and presented by WBPCCL engineers on 7th Feb. 2015. The one-day event covered topics on power generation, electrical operation & maintenance, process control & instrumentation. Valuable practical insights were shared by the guest speakers during the course of presentation.

SEMINAR ON WORKSHOP ON LEGAL AID

A Workshop on Seminar was held on 31st September 2014 in the college to sensitize the students on various issues and concerns related to ragging, student union, causes and effects of juvenile delinquency. The Speakers for the day were Mr. Shyamal Samanta, SPPO, Uluberia Subdivisional Office and Mr. Subhankar Das, Circle Inspector of Police. Documentation on important issues concerning the youth were also shown. The students were sensitized on ragging issues and what would be the outcome of illegal activities on their careers. It was a new learning experience for the students.

SEMINAR ON IDEA, CREATIVITY, INNOVATION THROUGH MOTIVATION

A Seminar was conducted on 12th September 2014, where the Chief Guest and Speaker was Mr. Amit Kumar Kedia, Chief Scientific Officer of DST, Department of Science & Technology, Govt. of West Bengal.

The seminar began with Motivation of the Speaker and an introductory speech by the Principal, Prof. Sri Gajal Kumar Sin, Registrar, Col. P. K. Dutta and the Nodal Officer, Mr. Prasun Biswas. The students were enlightened on how an idea can lead to creativity and innovation. Documentary was also shown on how students can think of many other viable options and take risks for start-ups and thus utilize their potential.

Participation Certificate were awarded to students.

IN-HOUSE SEMINARS

Regular In-house Seminars are held on various topics for upgrading and skill development of faculty members.

13 March 2014 - Speakers were Dr. Anima Mukherjee (Dept. of ECE), Mr. Debabrata Paul (Mech), ME and Mr. Jyotish Roy (Dept. of ME)

Topic was: "Introduction to Liquid-Cooled Display" - "Potential Sources of Biomass to utilise as Alternative Fuel for Renewable Energy" and "Synthesis & Parametric Optimisation of Electrodes Nickel Plating" respectively.

29 April 2014 - Speakers were Mr. Uma Venkatesanar (Dept. of Humanities), Mr. Suvarna Choudhury (CBE) and Mr. Swapnajyoti Bandyopadhyay (EE)

Topics were: "The Elections & the Public", "Faridabad Alignment Problem: An Overview" and "Visual Secret Sharing" respectively.

20 August 2014 - Speakers were Mr. Pradip Mitra (Dept. of Humanities), Mr. Debabrata Paul (Mech), ME Topics were: "Dynamics of Professional"
The Sports Day was held on 18th and 19th February 2013. Students had fun day. There were both indoor and outdoor events were students participated and enthusiastically.

The indoor events were: Football and Cricket were held in National Ground of BURPAR. indoor games were Basketball, Carrom, Chess and Table Tennis. The winner for Cricket were TANU (CSE) and Srinavasa Muthu (CSE). It was Raya Sarabani and Chinmay Bhaumik of ECE who won Karshabala. In all the events Rama Krishna of CSE was the highest scorer. The Winners were: Sushil V. S. S. in Table Tennis, Akhil P. S. in Chess, Bhaskar V. in Carrom, Prakhar K. in Basketball, surya Bhat and P. K. Bhat in Table Tennis, Tanushree Subramaniam in CSE and Raya Sarabani (ECE) took away the trophies. The Champions in Football was Mechanical Department, HCL, CSE won the Chess and Army AVS won the Table Tennis, ECE were declared the winner of the match. It was a show of talent, skill and culture and students eagerly exhibited the competitive and team spirit. Winners were awarded with trophies and medals.

A 2-day educational trip to Panchet was organized by our Civil Engineering Department on 18th and 20th October 2019. Thirty nine students were accompanied by four teachers - Mr. S. N. Me, Mr. Sreedhar Reddy A, Prabha Devi and Mr. Birendra Tiwari. Students visited the Panchet Dam and Srisailam. They were briefed by the two site engineers who shared some interesting facts about one of the oldest dams in India.

The view of the Gannavaram Reservoir from the dam was breathtaking and mesmerizing. They also visited the control room from where the turbines were controlled and how they generated hydroelectric power.
AWARDS & ACHIEVEMENTS
AND THE WINNERS TAKE IT ALL

The young guns of the college have proved their mettle in various fields, ranging from competitions on Science and the Industry to a plethora of extra-curricular activities. The college is honoured to provide a list of all the winners who have not only made the college proud, but also have earned it the title of Distinction.

Megha Didwania (CSE, 3rd)
1. First price for winning the Wizards of Maths, 2012, organized by Vistara.
2. First price for winning the National Robotics Championship, organized by Aksh Techsol Solutions.
3. First price for winning the National Robotics Championship, organized by Aksh Techsol Solutions.
4. First price for the Entrepreneurship Awareness Camp, sponsored by the Department of Science and Technology, Govt. of WB.
5. First price for winning the National Robotics Championship, organized by Aksh Techsol Solutions.

Subhendu Bhattacharya (CSE, 3rd)
2. A Finalist at the NASCOM E-SUMMIT Business Plan Competition.

Suranjana Mehta (CSE, 3rd)
An A Finalist at the NASCOM E-SUMMIT Business Plan competition.

Madhuboni Dutta (CSE, 3rd)
Win the Fourth Prize at EURUS, 2013, organized by IIT, Kharagpur.

Anupama Gupta (ECE 3rd)
Was a Finalist at the Robotics competition organized by NRC-2014.

Agnijit Sadhukhan (CSE, 3rd)
1. Won the First Prize at the National Robotics Championship, organized by Aksh Techsol Solutions.
2. Won the First Prize at the National Robotics Championship, organized by Aksh Techsol Solutions.

Hussain Ahmed Shah Gilani (ECE 3rd)
Finalist at the Robotics competition organized by NRC-2014.

Deshan Mishra (CSE, 3rd)
First prize winner at the National Robotics Championship, organized by Aksh Techsol Solutions.

Excellent Placements
The on-going series of campus recruitments have seen several students from across streams selected by organizations/companies like Indiabulls, TCS, Juspose, Mphasis, HCL, ITPL and others. The placement scenario as of April 20, 2013 is...

<table>
<thead>
<tr>
<th>Stream</th>
<th>Placed</th>
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<tbody>
<tr>
<td>Civil Engineering (CE)</td>
<td>23</td>
</tr>
<tr>
<td>Mechanical Engineering (ME)</td>
<td>30</td>
</tr>
<tr>
<td>Electronics &amp; Communication Engineering (ECE)</td>
<td>28</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering (CSE)</td>
<td>12</td>
</tr>
<tr>
<td>Total</td>
<td>93</td>
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</tbody>
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Online Internal Examinations
Through the able initiative of Prof. Dr. Sajal Suri (Principal), there is an Online Examination System for the Internal Evaluation of students. Students also undergo a series of Aptitude Tests for testing Numerical, Verbal and Logical Reasoning Ability. This makes them well-versed in handling competitive National and International Level Examinations. Mock Online Tests or the likes of GATE Examinations are also held regularly. Students are also made to take Online IELTS/TOEFL TESTS as per the discretion of the Final Semester onwards.

Training And Placement
To equip our students to handle the rigorous Campus placement selection process, they undertake a series of Mock Aptitude Tests. This was done through all thrust ANCAT and CoCubes, with the Professional Trainers for Campus Interviews.
A three-day Entrepreneurship Awareness Camp was organized in the College on 20th March 2014 under the aegis of Department of Science & Technology, Government of West Bengal. It was organized with the aim of making our budding engineers aware of alternative career options in order to combat the highly global competitive employment scenario facing today’s engineer. The Workshop was hosted by the Senior Scientific Officer, CST, Mr. Arnab Kumar Kaliahar and organized by the Nodal Officer Mr. Pradip Bhuvos with the supporting help of the Committee members. It was conducted over a period of three days with enlightening speakers from the academics, financial institutions and successful entrepreneurs from the thriving Industrial Growth Centre of Udanta. The workshop was inaugurated by our Principal, Prof. Dr. Sajal Ghosh, Registrar, Nodal Officer, Chief Guest and other dignitaries. The speakers were welcomed with a bouquet and a momento. The Chief Guest was Prof. Dr. Anander Kumar Sanyal, IIT, Varanasi and the Guest of Honour was Mr. Yashwant Rane, Secretary, Udanta Industrial Growth Centre. To enhance entrepreneurship, academic and technical students had an exposure to practical industrial processes where they visited the institute owned by the young Entrepreneurs. To disseminate information to practically prominent Speakers from various backgrounds like banking, businesses and entrepreneurs guided the students on how to write a business plan, how to arrange finances and how to make use of available resources to their advantage making profitable business ventures.

On the concluding day, there was a competition between student groups who had to give a power point presentation on any innovative business plan. The programme was a grand success and concluded with the Prize-giving ceremony which was awarded to students groups who gave the best presentations on viable innovative business options.
**WALL MAGAZINE**

Our college has recently come up with its very first wall magazine Spectrum – a joint venture of the students and the coordinating faculty members. In the presence of staff members and students, Spectrum was inaugurated by Prof. (Dr) Tajul Kumar Gari on March 17, 2014. Based on the suggestions from the respected Principal Sir and the coordinating teachers – Prof. Dipali Biswas and Mr. Swapnil Ghosh, the students have given shape to this much-awaited piece of art that honours the students’ spirit at college administration and their overall technical knowledge. The aim of the COET wall magazine is to blend literature and fine arts painting and photography with the keenest minds of the institution, preparing its total of governing its students to be complete and competent individuals.

The Department of Energy Science and Engineering, IIT Bombay organised a National Robotics Championship on 7th & 8th February 2014 at Oshiwara College of Engineering and Architecture, Mumbai. It was a state level Workshop cum Competition held in association with Akar Techno Solutions and Helix IT Bombay. Different competitions were conducted and the main attractions were ARDUINO Software, ATMEGA Controller and Programming on ARDUINO and their applications. The sessions were engaging, interactive and interesting thereby gleaning the software geek inherent in the computer science & electronics students. Our students excelled in the initial rounds thereby winning a chance to go into the final round which took place at IIT Bombay in March 2014. The winning team were awarded Certificates and medals. Congratulations to the winning team for making the college proud.
EDITORIAL TEAM

Prof. (Dr.) Sajal Kr. Giri, Principal-in-Charge
Ms. Monita Mitra, Assistant Professor, Humanities
Ms. Sharanya Ghosh, Assistant Professor, Humanities
Mr. Pradipta Biswas, Assistant Professor, Humanities
Mr. Debansu Jana, HOD, ECE
Mr. Samiran Malty, HOD, ME
Mr. Goutam Bandyopadhyay, HOD, CE
Mr. Dipankar Hazra, HOD, CSE