

Om Craft

2018-19



College of Engineering
OmDayal Group of Institutions

Uluberia Howrah

Message From the Secretary



“Vision without action is merely a dream. Vision with action can change the world”

Leadership is the ability to translate such a vision to reality. The OmDayal Group of Institutions provides the conducive environment that prepares the students to assume this mantle of leadership. The institution has remained committed to the cause of fostering the spirit of excellence. We at The OmDayal Group of Institutions believe that creativity is a function of leadership which requires navigating uncharted territories with courage and unwavering determination to bring one's vision into fruition. Keeping this in mind we promote effective creative collaboration that has not only given the students an exposure to the latest trends in the field of technical education but also prompted innovation, fostered by information gathered from new connections. Being provided with a training ground that boasts of state-of-the-art infrastructural facilities, our students go out into the professional arena bolstered with a spirit of dynamism and a confidence that gives them a competitive edge over the others. Thus our institution has been striving tirelessly to impart education that seeks to weave learning with leadership acumen.

Mr. Alok Tibrewal
Secretary

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Message From the Vice Principal



I am delighted to know that the fourth volume of our college Newsletter for B.Tech, carrying the campus news and the achievements of our faculty, staff and B.Tech students, who earn credits for the institutions, is being released. We live today in a world that is so very different from the one we grow up in, the one we have educated in. The world today is changing at such an accelerated rate and we as educators need to pause and reflect on this entire system of Education. A committed and supportive management, dedicated teachers and co-operative parents blend harmoniously to create a student-centric college. Teamwork is the hallmark of our college. I am very sure through collaborative effort we can achieve more to benefit our students who are the future leaders of tomorrow.

From the beginning of the college, i.e. from 2010 B. Tech courses are running in our college and then from 2012 we started B. Arch. Also our college has started Diploma in Vocational (D. Voc) from 2018. In order to meet the need of society for technical knowledge, for the students who are in back row either for financial condition or having not so much knowledge college has started D. Voc. Our Institution is NAAC accredited in 2017. For the development of the Institution we are following the suggestions of NAAC.

I wish all the best to those who are responsible for bringing out this letter.

Prof. (Dr.) Prosenjit Sen
Vice Principal

Perception from the Editor

Here you have OmCraft", the B.Tech Newsletter. It is the long awaited almanac of ODGI for the year 2018-2019. This Newsletter gives an insight into the hard work and dedication of students and contributions of teachers.

Editing the fourth edition of OmCraft has been a mammoth task. The standard set by last year was high, but this year we tried to exceed our own expectations and produced a comprehensive review of the zillion works and extra-curricular life.

I would like to thank my editorial team members for helping me pull this through. These contributions required a generous amount of time and effort. On behalf of the Newsletter Team, I would like to thank everybody who contributed. Hope you all enjoy reading.

Prof. Pranab Biswas
TIC, Department of Physics
Editor OmCraft



Prospect of Engineering in Present Scenario

Engineering education in India has seen tremendous growth over the past decade, both in number of students and number of colleges. The recent growth in Indian engineering education has been overwhelmingly due to privately funded educational institutions rather than publicly funded ones.

Looking at the number of engineering institutions in India and the engineers coming out of these colleges, the questions that form mind are, "does India need so many engineers?" Are they all employable? The negativism brought forth by such questions has crippled about the prospects of engineering in present scenario.

India has the potential to be a global technology leader. The Indian economy has been growing very fast. The Indian IT (Information Technology) Services has been well recognised by developed countries & become global hub for IT offshore Services. The Indian core industry has also become globally competitive in several sectors and can increase its global market share. So, the prospect is very good in both, IT Services & core industry for quality engineers.

To make the most of the available opportunities in both the sectors, the need of the hour is to make the engineers of today ready for the industry tomorrow. The global perspective and dimensions must be considered herein as well because Engineering is a global industry, and it is more important to work to improve the quality of engineering education and research areas in India across all engineering institutions.

Government of India has also taken effort to improve the quality of technical education by introducing schemes under Indian Society of Technical Education (ISTE), Technical Education Quality Improvement Programs (TEQIP) by introducing various funding and scholarships availability for skill development courses as per the market requirement, improvement in quality of teaching resources through improvement in teaching learning methodologies.

However, in this global era, rather than focus on India, the question should be whether the world needs so many engineers. The answer is a big, "yes." The world needs in plenty well-equipped, talented engineering graduates with the right attitude. There are job opportunities for those who have the potential. In addition, opportunities for selfemployment are also plenty for innovative and energetic minds.

Dr. Arup Sinha
Professor (Visiting)
Department of Electrical Engineering



Civil Engineering Final Year Students' Outstanding Academic Achievement

A. PERSUING MASTERS DEGREE FROM UK – UNIVERSITY OF LEEDS

It has truly been a pleasure to know and we are delighted to highlight the academic excellence that two of our Civil Engineering students–Tasneem Ali and Bhaskar Das to pursue postgraduate degree. They have met stringent British University eligibility criteria for international students based on their secondary, highersecondary marks, undergraduate engineering marks, extracurricular activities, interview by the college professors, recommendation from professors, well drafted statement of purpose or personal statement. These are the most important tenets reviewed for international university application, apart from the reason of interest in the subject and how this post graduate degree will help to achieve their goals. All these meticulous activities started 8 months back. They submitted their application with the help of British Council, Kolkata. Every british university is recognised worldwide for having creative and challenging environments that help international students push

themselves to the extreme. Their standards are incredibly high, and year after year, the universities are tested for how well they are meeting modern challenges for sustained academic excellence.

Ms. Taneem Ali will pursue one year full time course in **Msc Sustainable Cities** at University of Leeds and **Mr. Bhaskar Das** will pursue one year full time course in **Msc (Eng) Transport Infrastructure: design and construction** at University of Leeds. It is also expected that they may get 60 % scholarship to fund their tuition fees.

This is a great achievement for the department and Institute and we wish these students all the very best as they take a step ahead into the world of success.

B. PERSUING MASTERS FROM NATIONAL INSTITUTE OF CONSTRUCTION MANAGEMENT, INDIA

Mr Arkajit Dutta has got admission at NICMAR; Pune through all India based NCAT competitive management examination for the course in '**ADVANCED CONSTRUCTION MANAGEMENT**'.

NICMAR, a brand Institution pushes students constantly to improve their skills, immense talent to fly high in professional life as Project Engineering & Management professional. Students can acquire every knowledge need to climb at the best level of the career.

Hearty Congratulations on their Extraordinary Achievement which made us proud!

Prof. Goutam Bandhopadhyay
TIC
Department of Civil Engineering

MESSAGE

Academic Liveliness

TECH FEST: VOYAGE 2018



'Imagine, Innovate, Invent and Inspire'- Keeping this motto in mind to showcase their talents, the engineering students of OmDayal Group of Institutions organized the third Tech Fest VOYAGE 2018 on 30th and 31st August 2018 in the college campus. The Tech Fest was organized by Internal Quality Assurance Cell (IQAC) of ODGI. The invited Guests Mr Prodipto Das, Ms. Debarati Ghosh and Ms. Rupsa Biswas of Tech Mahindra, made it a point to visit all the projects. Under the guidance of their teachers, students from B.Tech, made a stunning display of their innovative projects based on concepts from all the domains of engineering. At the end of the Two Day Fest, the participants were distributed trophies and certificates. Mr. Dipankar Hazra coordinated with the teachers and students to make the event a success.



DEPARTMENTAL INVOLVEMENT IN VOYAGE 2018

Projects from CE Department



- Solar-Wind Bridge
- Lifting Land Air-Bus: A Future Transportation System
- Vertical Car Parking
- Rotating Restaurant
- Pavement Rehabilitation Technique: Cold In-Place Recycling
- Tunnel Boring Method

Projects from ECE Department



- Smart Mirror Using Raspberry Pi 3
- Pressure Cooker Automation Circuit
- Password Based Doorlock Using Arduino

- Temperature Control Dc Fan
- Rfid Based Attendance System
- Touch Home Switch (Rfid)

- Music Operated Dancing LEDs
- Traffic Signal System
- Touch less Door Alarm

Projects from ME Department



- Mechanical Arm
- Vapour Compression Refrigerator
- Fork Lift Controlled by Remote Sensing Technology
- Go-Kart
- Power Generator from Railway Track
- Riverine Dock System

Projects from CSE Department



- Online Review Based Hotel Selection System
- WIFI Controlled Robotic Car
- WIFI based Home Automation with presence Detection

WORKSHOP

Workshop on - 'Cyber Security - Theory and Hands - On'



A one day workshop on- 'Cyber Security- Theory and Hands-on' was organized by OmDayal Group of Institutions in assistance with Centre of Distributed Computing, Jadavpur University on 3rd November, 2018.. The workshop focused on the current trends in cyber security to promote the understanding of cyber security threats. Total 125 number students participated in this workshop. To aware students from Cyber-attacks and protection mechanism of information are the primary objectives of this workshop.

THE IDEA WORKSHOP

An Idea workshop held at Techno India University Campus, Salt Lake, Kolkata on February 23, 2019 hosted by banglanatak.com as the part of their 'Catch Them Young' initiative. They launched this program in partnership with the American Center to encourage youngsters to take to entrepreneurship as a career choice. Some 9-10 engineering and management colleges participated in it. This was a business Ideation workshop with Industry experts and eco-system partners.



ENTREPRENEURSHIP AWARENESS CAMP-2019



Entrepreneurship Awareness Camp was organized by EDC & IQAC of OmDayal Group of Institutions in collaboration with Department of Science and Technology and Bio-Technology, Govt. of W.B from 18th-20th March 2019. The objective was to aware the participants about various facets of entrepreneurship.

The program was inaugurated by Mr. Siddhartha Chatterjee of Trustlines Securities along with Mr.Amiya Kumar Kalidaha, of DSTBT-GoWB, Prof. (Dr.) Prosenjit Sen, Vice Principal, ODGI & Prof. Pranab Biswas, coordinator of the camp.

The first session was started by Mr.Siddhartha Chatterjee. He shared his experience with participants, introduced the concept of financial engineering and told about famous entrepreneurs. Mr.Amiya Kumar Kalidaha, started the next session by highlighting the emerging technologies and business opportunity guidelines. Next half was started with the speech of Mr.H.K.Chowdhury, Assistant Director of Ministry of Micro, Small & Medium Enterprises (MSME), Kolkata. He focused on the technical, commercial and financial aspects of being a successful entrepreneur and how one can get assistance from government agencies.

Informing participants about financial schemes and industrial visit were part of the second day. Mr.Mijanur Rahaman Mollah, Branch Manager,BOI Uluberia briefed about some Schemes for providing financial assistance to set up new enterprises. Mr. Rajib Sarkar and Mr. Manasij Dutta took a session about Consultant in Civil Engineering and Construction Industry. The second half of the camp was scheduled with industrial visit for participants in CERATIZIT Group, SKIPPER LIMITED and KEITH CERAMIC Private Ltd.

The final day of the program started with a motivating interactive session by Mr. Ranodeep Saha, founder of Rare Planet who shared his experiences and thoughts with participants and addressed their queries related to entrepreneurship. After that the participants presented their business ideas in front of panel of judges in groups and the best group was awarded. Mr. Vikash Tiwari, final year Mechanical Engineering Student won the award for best speaker & his group was awarded the best presentation award. All the participants got their certificates and submitted their feedback at the end of the programme.

One Step Ahead - Diploma in Vocation (DVoc)

Sometime students are forced to compromise with their dreams. It is possible that someone has skill but doesn't have certificate to get a job. Again it is possible that someone has primary knowledge but could not pursue any hands on course due to financial problem. OmDayal College of Engineering opened doors for those students from 2018. The advent of DVoc Courses has brought opportunity for them. Moreover as per AICTE instruction that Engineering Colleges should start skill development courses based on present infrastructural facility of the college -has come true as ODGI has state of the art Laboratory, modern and updated Engineering Equipments and Experienced Teachers.It is worth mentioning that girl students also showing their interest in the vocational courses. Right now ODGI opened four courses. They are

- Production Technology
- Automotive Manufacturing Technology
- Refrigeration and Air Conditioning
- Industrial Tool Manufacturing

College has plans to open new Vocational Courses in near future by Prof.(Dr.) Prosenjit Sen, Vice Principal.

Development Programs

THE INDUCTION PROGRAMME

The Induction Program for the newly admitted first year students held from 7th August to 25th August 2018 as per the mandate given by AICTE and MAKAUT. On the first day of the program an orientation programme was organized in the Institute in which the students and their parents turned up with excitement. Both the students and the parents interacted with the teachers and acquainted themselves with their classrooms and labs. The programme started with lighting of the lamp and inaugural speech by our Principal, Prof. (Dr.) Arup Sinha. He conveyed his warm welcome to students and elaborated on the uniqueness of our teaching methods. The Chief Guest for the ceremony, Prof. (Dr.) Avijit Kar of CSE Department of Jadavpur University congratulated the students for choosing technical education as a part of their career and made the students understand the value of a good education. Finally the ceremony was closed with a vote of thanks delivered by our Vice Principal Prof.(Dr.) Prosenjit Sen followed by some important instructions to the students.

The 3 week Induction Program consisted of the following:

- Physical Activities such as indoor games, sports, video on Yoga and meditation
- Creative Arts and Culture such as music, dance and poetry recitation and sessions on human values through documentary and video shows
- Mentoring which involved interaction with respective mentors
- Familiarization with College, different Departments, Library, Laboratories etc.
- Literary Activity included reading, writing and listening skills, Group Discussions, Debates
- Lectures by Eminent People
- Visits in Local Area included visit to a nearby village and a neighborhood industry
- Visits to Science Museum included visit to Birla Industrial and Technological Museum, Kolkata

At the end of the 3 weeks, the students appreciated and enjoyed the program and found it very beneficial. The students understood their responsibilities which they need to undertake as professionals.



CONFEDERATION OF INDIAN INDUSTRY (CII)

The Confederation of Indian Industry (CII) collaborated with OGI in an endeavor to build an interface between academia and industry through a one year student engagement programme. The programme highlights are factory visit, industry experts' visit to the institutions, career counseling etc.

- All the students of B.Tech participated in the interaction program called "Senior Management Visit" organized by ODGI in association with CII on 14th August 2018. Mr George Thomas, Vice President-HR, MSP Steel & Power Ltd., addressed the students on various topics as ' Campus Recruitments - How to Prepare Yourself, Prerequisites for facing Interview Board, Soft Skill, Tools for Personality Developments' etc.



- The Confederation of Indian Industry, Eastern Region (CII-ER) organised a one day Industrial Visit at "TEGA industries Ltd.", Raypur, South 24 Parganas, (West Bengal), for the students of Department of Mechanical Engineering on 10th October, 2018, under the program "CII ER Education Excellence Forum".
- Students participated in the Interview Preparation Workshop under CII(Confederation of Indian Industry) ER Education Excellence Forum 2018-19 at ODGI on 29th Jan, 30th Jan and 1st Feb 2019. This Workshop was very interactive and it was also immensely beneficial for all the participants. Students from each B.Tech departments participated in this 3days Interview Preparation workshop.
- A one day Industrial visit at Ambuja Cement Plant, Dhulagarh was conducted by CII and OmDayal Group of Institutions held on 17th April 2019 and fifteen number of students from Civil and Mechanical Engg. Dept. of ODGI had participated in this tour. The visit started with a video show for the description of various rules and regulations to be maintained at the site due to safety issues followed by a tour inside the site premises by a bus provided by the Ambuja Cement authority and ended at the main control office with the explanation of the working procedure of mixing and final packing of cement which is being followed there by one of the site engineer of the concerned authority. Students have experienced the various

significant operations that play a major role in manufacturing and production of cement.

NPTEL

OmDayal Group of Institutions is proud to be one of the many Local Chapters (in the Eastern zone) of SWAYAMNPTEL. The ODGI Local Chapter was initiated in 2016, and hundreds of students of different branches have successfully completed various certification courses till date, i.e 2018 along with a number of faculty members. These courses help them in their curriculum based studies as well as in professional pursuits.

INSTITUTION OF ENGINEERS (INDIA) IEI STUDENT CHAPTER

The College established a Student Chapter with the Institution of Engineers (India) for the departments of Civil Engineering, Mechanical Engineering and Computer Science Engineering from May, 2018. The liaison provides an opportunity to the students to pursue different curricula and activities directed by IEI.

COCUBES

The institution also shares a tie-up with CoCubes as part of its various student development programmes. The students are assessed thoroughly for enhancement of their future employability and for placement assistance.

INTERN-SHALA

The institution registered with INTERNSHALA ~ official internship partner of AICTE. It provides a platform to the students to apply for Internship (Training Program) in various field of Engineering.

MOU WITH NSIC

Our college has signed M.O.U with National Small Industries Corporation (NSIC) Howrah in 2018. It is a Govt. of India Enterprise. NSIC provides technical support to MSMEs through 'NSIC Technical Services Centres' (NTSCs) and a number of TICs & LBIs spread across the country. The range of technical services provided through these centers includes skill development in Hi-Tech as well as conventional trades. They provide On Job Training to the students of ODGI who pursue D.Voc course and also the Vocational Training to the B.Tech students. Now days, Vocational Training is very useful that equips the students both with practical experience and technical skills.

TRAINING CUM WORKSHOP ON CPR AND FIRST AID

A training cum workshop on Cardiopulmonary Resuscitation (CPR) and First Aid organized by Save Life Foundation held on 28.07.18 at the college campus. The programme was organized in association with Internal Quality Assurance Cell (IQAC). Prof. Pranab Biswas was the coordinator. The training workshop was conducted by Dr. Anjan Pan (Member of West Bengal Orthopedics Association and Chairman Trauma Care Committee, W.B.) and Dr. Anjan Datta (Ex National President of Indian Society of Anesthesiologists).



Departmental Activity

Department of Civil Engineering

SEMINAR & WORKSHOP ORGANISED



- A one day seminar on 'Emerging Technologies in Civil Engineering and Its Applications' held on 30th March, 2019. The event was organized by Department of Civil Engineering and supported by the Institution of Engineers India under the student's chapter program. Distinguished guests like - Dr. Soumya Bhattacharjee (Associate Professor-IEST), Mr. Joydeep Das (Executive Engineer-- State Project Management Unit, WBADMIP, WRIDD, Govt. Of West Bengal.), Mr. Kaushik Bhattacharya (working for WBADMI Project funded by World Bank under W.R.I.D.D. as Consultant - Technical support) and Dr. Tushar Kanti Dey (Associate Prof. and HOD in of C.E, Pailan College of Management & Technology.) enriched the event by delivering lectures. Prof. Gautam Bondyopadhyay presided over the event and Prof. Kamrul Alam coordinated it. Certificates were given at the end with a valedictory by Prof. Srijan Mukherjee.
- A Technical workshop organized on ETABS software from 17/07/2018 to 24/07/2018 in association with Shaurya Innovation, Kolkata. Our college was the zonal centre of this workshop. The goal was to encourage undergraduate Civil Engineering students to acquire a vision in the field of Structural Design. After completion of course all the students have completed a G+5 Building Design in E-Tabs and certificates have been provided to them by the competent authorities.
- A documentary "KOLKATA 2070" on Kolkata city and climate change was screened at our college on 1st of August 2018. It was presented by the Centre for Contemporary Communication and the Consulate General of the Federal Republic of Germany, Kolkata. This program was organized by Civil Engineering Department, though all students of B.Tech participated. The initiative was financially supported by Federal Foreign Office, Berlin, and Germany. This helped the students to understand the importance of Environment and Climate change challenges.

COMMENDATIONS

Participation in Seminar and Workshop

- Surajit Chakraborty and Arkajit Dutta, student of fourth year and Prof. Kamrul Alam, attended a seminar on "Workshop Program on Transition to Low Carbon Cement Based Construction in India" on 04th Mar 2019 at MAKAUT Campus, Salt Lake.
- Mr. Pritam Roy attended "Faculty Development Programme: Laboratory Practices on Civil Engineering Materials (Road Materials)" at NITTTR, Kolkata from 04/03/2019 to 08/03/2019.
- Students from third and fourth year of CE Dept. participated in a one month Training Program on "Surveying Technique using Engineer's Level, Dumpy Level, Theodolite, Total Station and drawing by AutoCAD" at National Small Industries Corporation Ltd. (NSIC), Balitikuri, Howrah during January, 2019.

Presentation & Publication of Research Papers

- Prof. Anupam Ghosh attended 'The 16th Symposium on Earthquake Engineering - 2018' (16SEE -2018) at Department of Earthquake Engineering, IIT Roorkee and presented a technical paper on "Correlation between Structural Performance and Damage Index in RC Frame Buildings" on 20th and 22nd Dec, 2018.

- Prof. Sharmistha Paul attended at "IAS 2018" organised by Indian Association of Sedimentologists at BHU Campus and presented a paper on "Constancy of Apical angle of fossil Physa of Intertrappean horizons of Madhya Pradesh and that of Recent Physa shell" on 12th Apr 2018.
- Prof. Sharmistha Paul presented the abstract and poster in the Geological Fest programme "Prithvi- 2018" organised by Journal of Geological Society of America and Department of Geology and Geophysics, IIT Kharagpur on 06th June 2018.

Flying High

The academic excellence that two of Civil Engineering final year students, Ms. Tasneem Ali and Mr. Bhaskar Das got conditional offer letter for admission in globally recognised one of the best universities "University of Leeds" to pursue post graduation in "MSC in Sustainable Cities" and "MSc (Eng.) in Transport Infrastructure: Design and Construction" respectively.

Participation in Competition

- Technical Exhibition held on "National Science Day in search of Entrepreneurial Talent" at MAKAUT, WB. Topic: Future Transport System-Lifting Land Air Bus



Students are Demonstrating the Prototype to the Jury Members and Investors

Students of fourth year of CE Department, Subhajit Basak and Surajit Chakraborty, successfully participated and presented their innovative project on "Future Transport System: Lifting Land Air Bus" in a technical exhibition on "National Science Day in search of Entrepreneurial Talent" that was organized by MAKAUT, WB in Haringhata campus on 28th February, 2019.

- Presentation of the project prototype on "Rural Development through Technology and Tourism" in Regional Convention of the 2nd AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018



Students demonstrating their project



Students with faculty member

Students of third year CE Department, Partha Sarathi Mondal, Nur Hasan Mondal, Sujit Bhakta and Saikat Paul, participated and presented their project on "Rural Development through Technology and Tourism" in Regional Convention of the 2nd AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018 for Eastern Region that was scheduled on 2nd November 2018 and held at Techno International, New Town. The main objective of the project was to develop and strengthening the basic needs of villagers in hilly region of our country.

INDUSTRIAL TRAINING & VISIT

Students of Civil Engineering Department (mainly sixth semester) have undertaken industrial training during semester break in the various govt. and non govt. organisations as indicated below:

● Shapoorji Pallonji Group ● Bridge & Roof Co. (India) Ltd ● Simplex Infrastructure Ltd. ● Stup Consultants Private Limited ● L.N.T. Construction Limited ● Ahluwalia Construction Pvt. Ltd. ● Design & Research (I & WD), Govt. of West Bengal ● Eastern Railway, Govt. of India ● Contai Irrigation Dept., Govt. of West Bengal ● PWD, Govt. of West Bengal ● PHE, Govt. of West Bengal

One day Industrial visit to a construction site maintained by Alhuwalia Contrsuction near Japani Gate, Baltikuri, Howrah

An industrial visit was organized jointly by National Small Industries Corporation Ltd. (NSIC) and C.E. Department at a construction site maintained by Alhuwalia Contrsuction near Japani Gate, Baltikuri, Howrah on 12th February, 2019.



Students at Alhuwalia Contrsuction Site

Industrial visit to "The Riverbank Project, Batanager, Hiland Group- Solid Waste Management Site"

A one day Industrial visit to the Riverbank Project, Batanager, Hiland Group - Solid Waste Management site was organized on 20th August, 2018 to understand the mechanism of installed compost machines to treat the solid waste generated by residents and the concept to ensure zero garbage disposals from high-rises in and around the city.



Students at the site with demonstrator

TOUR & CAMP ORGANISED

A survey camp was successfully conducted by Civil Engineering Department at Ghatshila, Jharkhand for 2nd year students from 2nd Jan, 2019 to 5th Jan, 2019. This Camp was aimed to groom Civil Engineering students with essential practical knowledge and to expose them to the real work, and also to encourage leadership and teamwork skills.



Students with faculty members



Students taking survey related data at the site

PLANS FOR NEXT ACADEMIC SESSION

Following are the various events that are going to be organized by Civil Engineering Department in next academic session:

- One day visit at any Major Water Retaining Structure
- Industrial visit at Sewage/ Water Treatment Plant
- Workshops on Structural Design/ Project Planning Software
- A one week Survey Camp.

MEET THE ALUMNI OF CIVIL ENGINEERING DEPARTMENT



Sourav Bera

Completed PGP ACM from
NICMAR, Pune.
Working as Sr. Engineer at Mumbai
Metro Projects Kalpataru Ltd.
Batch 2011-15
Civil Engineering Dept., ODGI

"It all went by in a flash". My time as an undergraduate student in civil engineering at ODGI was rewarding beyond belief, with wonderful balance of knowledge, skills, fun and friendship.

The education which I received enabled me to combine my unique skill set, strong fundamentals in Civil engineering and Project Management skill to adapt to a fun and challenging work environment.

"The best teachers will not give you something to drink, they will make you thirsty. They will put you on a path to seek answers" - teachers here work close with their students, which allow them understand their strengths and difficulties of each individual, they are very caring and interested in student's well-being. I convey my sincere and honest thanks to all the faculty members of my department for their valuable, timely support. I am a proud alumnus of ODGI.



Tanmoy Maity

Completed M.Tech in Geo
Technical Engg. from NIT
Agartala, Working at S.M.
Consultants, Hyderabad
Batch 2012-16
Civil Engineering Dept., ODGI

My college helped me to improved analytical ability and problem solving approach. This was possible because of the curriculum, faculties and opportunities. Faculty members were very helpful for career development. Laboratory facilities are also excellent. These help to unveil the best out of every student. Others departments also give exposure to relevant industries. Different kinds of student's activity give a platform to showcase their talents. Students also get opportunity to take part in national level seminars and technical competitions. I feel proud to be the part of Civil Engineering Dept. at ODGI.



Saddam Hossain

Working at Hitachi Ltd.,
Armaco, Saudi Arabia
Batch 2011-15
Civil Engineering Dept., ODGI

Studying at ODGI change my life. I received great education in my particular field of study. I also learned professional values for which I am extremely grateful. I am very much thankful to my departmental teachers who give me encouragement and support which lead to work in world top oil and gas refinery company Soudi Aramco.



Neha Roy Choudhury

Batch 2011-15
B. Tech in C.E.
Working in Genpact, Hyderabad.



Souvik Dhara

Batch 2012-16
B. Tech in C.E.
Completed PGP REUIM
from NICMAR, Pune,
Working in Emaar



Anibrata Chatterjee

Batch 2016
B. Tech in C.E.
Completed Master's from
NIT Patna.



Pratik Dutta

Batch 2011-15
B. Tech in C.E.
Completed PCM ACM from
NICMAR, Goa, Working in
Punj Lloyd



Saptarshi Majumdar

Batch 2017
B. Tech in C.E.
Completed MBA from
IEM.
Working as Management
Trainee at Ambuja Cement



Sudeshna Maity

Batch 2012-16
B. Tech in C.E.
Working in STUP
Consultancy, Kolkata

Department of Computer Science and Engineering

SEMINAR & WORKSHOP ORGANIZED

Workshop on – "Machine Learning using Python"

A workshop was organized in Department of Computer Science and Engineering on "Machine Learning using Python" from 24th July, 2018 to 4th August, 2018. The workshop was held in collaboration with Ardent Computech Private Limited, Kolkata. The objective of the workshop was to initiate the students into the world of AI and its subset domain of Machine Learning.

IEI Students' Chapter Computer Science and Engineering Dept (Coding Competition and Poster presentation)



Prize Distribution for Poster Presentation



Poster Presentation

Prize Distribution for Poster Presentation Poster Presentation On 9th March, 2019, Department of Computer Science & Engineering organized a Students' Chapter under Institute of Engineers for students of CSE. Coding competition and poster presentations was two segments. Students of 2nd and 3rd year participated in the program. They wrote codes using different language like C, Java, and Python. Students made posters on different topics of recent trends on computing. Prizes and certificates were given to the participants. The programme was coordinated by Prof. Dhrubajyoti Ghosh.

COMMENDATIONS

Participation in Seminar and Workshop

- Prof. Indrani Mukherjee and Prof. Shreya Banerjee participated in a Faculty Development Program (FDP), Organized by Association of Professional Academic Institutions, West Bengal (APAI, WB), supported by Maulana Abul Kalam Azad University of Technology (MAKAUT, WB) during 15 - 19 January, 2019.
- Prof. Shreya Banerjee participated in a workshop on 'NPTEL local chapter for east zone' organized by IIT Kharagpur on 2nd February, 2019.
- Prof. Saikat Pahari participated in International Conference on Digital Pedagogies, April 1-2, 2019, New Delhi.

Presentation & Publication of Research Papers

- Sandip Dey, Sourav De, Dhrubajyoti Ghosh, Siddhartha Bhattacharyya, Debanjan Konar and Jan Platos (2019) 'A Novel Quantum Inspired Sperm Whale Meta-heuristic for Image Thresholding', Second International Conference on Advanced Computational and Communication Paradigms (ICACCP 2019), organized by Sikkim Manipal Institute of Technology (SMIT), Sikkim, India, 25-28 February, 2019 (Accepted)
- Shreya Banerjee, Anirban Sarkar (2019) 'Constraint Specifications for Domain Specific Systems: Ontology Driven Approach', Accepted in International Journal of Metadata, Semantics, Ontologies, Inderscience Publishers, ISSN ONLINE: 1744-263X, ISSN Print: 1744-2621, February, 2019.
- Sourabh Bhaskar, Shreya Banerjee, Anirban Sarkar (2019) 'Ontology Driven Conceptual Modelling of NoSQL based Data Warehouses', Accepted for both publication and oral presentation at the 3rd International Conference on Computer, Software and Modeling (ICCSM 2019), Barcelona, Spain during July 14-16, 2019.
- Prof. (Dr.) Dhrubajyoti Ghosh presented a paper titled 'A Novel Multi-criteria Decision Making Approach Using Trapezoidal Intuitionist Fuzzy Number' at Fourth International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2018), RCC Institute of Information Technology, West Bengal, India, November, 2018.

Participation in Competition

- National Science Day Competition

A research project done by Koustav Hazra (fourth year student of CSE department) was selected in National Science Day Competition organized on 28th February, 2019 at Maulana Abul Kalam Azad University of Technology (MAKAUT, WB). The name of the project was "Online Review Analysis and Data Scraping".

INDUSTRIAL TRAINING & VISIT

Third and fourth year Students from CSE department participated in training on Advanced Java in National Small Industries Corporation Ltd. (NSIC), Howrah.

PLANS FOR NEXT ACADEMIC SESSION

- To organize Coding competition every year, to encourage and increase coding abilities of the students.
- To organize poster presentation on current technologies
- To organize mock interviews of students by experts.
- To organize workshop/seminar on current technologies.
- To encourage students to do projects on Python.

MEET THE ALUMNI OF COMPUTER SCIENCE AND ENGINEERING DEPARTMENT



Kushal Haldar
Batch 2015
Working as a Senior
Software Engineer at
Cerner India



Meghna Didiwania
Batch 2016
B. Tech in C.E.
Working at TCS



Abir Sinha
Batch 2017
Working at Cognizant
Technology Solution



Sourav Adak
Batch 2018
Working as an Assistant
System Engineer at TCS



Arka Bhowmick
Batch 2018
B. Tech in C.E.
Working at Innorast

Department Of Electronics and Communication Engineering

COMMENDATIONS

Participation in Seminar and Workshop

- Olivia Gupta, Pratyusha Das and Sumit Malakar students of second year, ECE participated in the workshop on Intellectual Property Rights jointly organized by Patent Facilitation Centre of Technology Information, Forecasting and Assessment Council (AIFAC), Department of Science and Technology, Government of India in collaboration with EKTA Incubation Centre, the Technology Business Incubator of Maulana Abul Kalam Azad University of Technology, West Bengal at the Kolkata Campus of University on 15th March, 2019.
- Rajeswari Das, student of second year, ECE attended the one-day "Mobile Governance and Mobile Manufacturing Knowledge Workshop" organized by the Department of Information Technology and Electronics, Government of West Bengal on 18th April, 2019 at Biswa Bangla Convention Centre, New Town, Kolkata.

Participation in Faculty Development Programs

- Prof. Alok Kumar Das attended a faculty development program on "Semiconductor Devices", organized by APAI, West Bengal supported by MAKAUT from 14th to 19th January, 2019.

Presentation & Publication of Research Papers

- Prof. Swarupa Ojha presented paper on "Temperature and Frequency Response of Conductivity in Ag₂S Doped Chalcogenide Glassy Semiconductor" in the International Conference at Visva-Bharati University, Santiniketan, organized by Indian Japan Society for the Promotion of Science (JSPS) Alumni Association from 3rd to 4th September, 2018.
- Prof. Swarupa Ojha presented paper on "Chalcogenide Glassy Semiconductor: Structure and Electrical Transport" at first Indian Materials Conclave & 30th Annual General Meeting of MRSI at IISc Bangalore from 12th to 15th February, 2019.
- Prof. Swarupa Ojha presented paper on "Ag₂S Doped Chalcogenide Glassy Semiconductor: Electrical Properties and Future Aspects" at 26th West Bengal State Science & Technology Congress at Science City Kolkata, organized by Dept of Science & Technology and Biotechnology, Govt of West Bengal, from 28th February to 1st March, 2019.

Participation in Competition

- National Science Day 2019 Program Olivia Gupta, Pratyusha Das, Sumit Malakar, students of second year ECE made our college proud by presenting their project on "Advanced underwater wireless communication using LIFI Technology" in National Science Day 2019 organized by Maulana Abul Kalam Azad University of Technology, West Bengal, on 28th February, 2019.

Farhat Banu, student of third year ECE presented a poster on "MOBILE COMMUNICATION IN MILITARY SYSTEM" in National Science Day 2019 organized by Maulana Abul Kalam Azad University of Technology, West Bengal, on 28th February, 2019.



INDUSTRIAL TRAINING & VISIT



Department of Electronics & Communication Engineering went for an Industrial visit at Ground Mounted Cana Side Solar Photovoltaic Power Plant, ECO-PARK on 28th of September, 2018. It is a flagship CANAL TOP GRID TYPE SOLAR PV PLANT completely owned by NEWTOWN KOLKATA DEVELOPMENT AUTHORITY, maintained by AGNI SOLAR. The main objective was to educate the students both in theoretical and practical on Installation, Testing, Operation and Maintenance, Marketing and Commercialization of solar energy devices in the field of solar thermal and photovoltaic.

Industrial training helps the students to build their practical knowledge about the vast field of Electronics. Students of ECE department are given in -plant training from recognized organizations like-

- Damodar Valley Corporation (D.V.C.), ● Prasar Bharati, ● National Small Industries Corporation Limited (N.S.I.C.), ● BSNL, ● Indian Railways etc.

PLANS FOR NEXT ACADEMIC SESSION

- To organize Seminar/ Workshop on latest technology ● To organize Industrial visit ● To organize mock interviews for students by Professional

MEET THE ALUMNI OF ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT



Sukriti Seivastav
Batch 2015
B. Tech in E.C.E.
Pursuing Master's in TU Chemnitz, Germany after GRE 2017



Anupama Gupta
Batch 2016
B. Tech in E.C.E.
Institute of Advanced Technology, Pune



Aryamadev Das
Batch 2015
B. Tech in E.C.E.
M.S. Sustainable Nuclear Engineering Applications and amangement, IMT Atlantique, France



Abhranil Banerjee
Batch 2016
B. Tech in E.C.E.
Working in Eobert Bosch Engineering and Business Solutions Pvt Ltd



Anewsha Sarkar
Batch 2018
Working as Associaye Project Manager, Accenture, Bangalore



Aman Riaz Rizvi
Batch 2015
B. Tech in E.C.E.
Associate Project Manager, DELL EMC, Bangalore



Abhishek Kumar Singh
Batch 2015
B. Tech in E.C.E.
Working in Larsen & Turbo Ltd



Amit Das
Batch 2015
B. Tech in E.C.E.
Working in Price Waterhouse Coopers (PWC)

Department of Electrical Engineering

COMMENDATIONS

Participation in Seminar and Workshop

- Prof.(Dr.) Arup Sinha received award as Utility Industry Speaker in Indian Smart Grid Forum organised by Ministry of Power in Delhi
- Asst. Prof. Mainak Mukherjee and Pro-tem Lecturer Siddharta Ray attended Two Days National Level Workshop on "MATLAB/SIMULINK BASED HANDS ON MODELING OF ELECTRICAL MACHINE" entitled "TECHNOVATION - 2K19" on 26th & 27th March, 2019, joint collaboration with Department of Electrical Engineering, Jadavpur University & Technical Sponsorship by Power & Energy Society (PES), IEEE Kolkata Section.
- Asst. Prof. Mainak Mukherjee, attended Distinguished Lecturer Program on 'High Reporting Rate Measurements for Smart(er) Grids.' organised by IEEE joint CSS-IMS Chapter, Kolkata in collaboration with Dept. of ELECTRICAL ENGINEERING, IEST SHIBPUR on 1st March, 2019.
- Asst. Prof. Mainak Mukherjee successfully completed NPTEL- AICTE FDP during Jan-March 2019 on "Advance power electronics and Control" course.



Activities

- Parent Teacher Meeting

A Parent- Teacher meeting held on 25th January 2019 in the ground floor seminar hall, ODGI. Assistant Prof. ,Swapan Majumdar, TIC of the department presided over the meeting. To make it unique, students were included along with their parents. Parents were extremely happy to get such a platform that they could ventilate themselves. Department is thankful to the parents for making PTM successful.



INDUSTRIAL TRAINING & VISIT



The site

Industrial Visit was organised on 28th September, 2018 at a Solar Photovoltaic Power Plant (rated 500 KWp) at ECO-PARK, Newtown. The SPV Plant is 312m long and 13.5m wide. There are 1716 modules. They are arranged in 30 degrees. It is first of its kind in eastern India and maintained by AGNI SOLAR for NKDA.



Students with Faculties

PLANS FOR NEXT ACADEMIC SESSION

- To organise Industrial Visit ● To provide platform for Technical Exhibitions ● To arrange seminar ● To organise quiz contest

Department Of Mechanical Engineering

SEMINAR & WORKSHOP ORGANISED



- A Workshop on "Industrial Automobile Application" was successfully organised by the Department of Mechanical Engineering, ODGI on 5th October, 2018. The aim of the workshop was to provide knowledge about present day automobile technology and its future objectives. Speaker, Mr. Jit Dutta discussed about the various programs and researches which are going on around the world in the automobile sector. The presentation was followed by a live demonstration of a car (model – TATA NANO) in the Mechanical Workshop.

COMMENDATIONS

Participation in Seminar and Workshop

- A National Conference on "Heat Transfer and Fluid Flow" was organised by Future Institute of Engineering and Management (Sonarpur, WB) on 4th October 2018. Students from the Department of Mechanical Engineering actively participated in the seminar.
- A National Conference on "Biophysical Controls and Quantitative Interpretation in Medicine" was organised by IIST Shibpur (WB) on 7th September 2018. Asst. Prof. Ranjit Barua participated in the program.

Presentation & Publication of Research Papers

- Aritra Ganguly, Ramen Kanti De (2018) 'Solar Thermal Energy-Fundamentals of Collection, Storage and Applications', Advances in Renewable Energy and Sustainable Systems, USA: Nova Science Publishers, Inc. ISBN: 978-1-53614-022-4, pp-57-95.
- Ramen Kanti De, Aritra Ganguly (2019) 'Energy, exergy and economic analysis of a solar hybrid power system integrated double-effect vapor absorption system based cold storage', International Journal of Air- Conditioning and Refrigeration. doi: 10.1142/S2010132519500184.

Participation in Faculty Development Programs

- Asst. Prof. Deepanjan Das successfully completed the NPTEL-AICTE FDP on "Effective Engineering Teaching in Practice".
- Asst. Prof. Sumit Bhowmik successfully completed the NPTEL-AICTE FDPs on "Engineering Fracture Mechanics" and "Nature and Properties of Materials" respectively.
- Asst. Prof. Ranjit Barua successfully completed the AICTE- ISTE approved Induction/Refresher Program on "Developing Teaching Competency for 21st Century Learners" from 16th-21st July 2018, organised by Technique Polytechnic Institute, Hooghly (WB).



Participation in Competition

- A quiz competition on "Engineering and Technology in India" was organised by Department of Mechanical Engineering on 26th September 2018. The event was organised as a part of the co-curricular activities under Students' Chapter of The Institute of Engineers (India). A small talk on various aspects of development of Engineering and Technology in India was presented by Mr. Parthasarathi Chattopadhyay (MIE).

- An Engineering Model of "Mechanical Robotic Arm" created by a group of second year students, was selected for display at the Innovative Projects Exhibition on National Science Day 2019 organised by MAKAUT (WB) and its Technology Business Incubator (TBI), EKTA Incubation Center.

- Four meritorious students from the department were felicitated by the Institution for their performance in the

Academic Year 2017-18. They are: Abhik Mallik – first year Avitesh Kumar Singh – second year Shouvik Manna – third year Arijit Das – fourth year



Students demonstrating their model

INDUSTRIAL TRAINING & VISIT

Visit to nearby industry

Department of Mechanical Engineering organized an Industrial Visit at "DANGO & DIENENTHAL (India) Pvt. Ltd." Jalan Complex, Junglepur, Howrah (West Bengal) for the final year students of Mechanical Engineering on 7th August 2018.

The students of Department of Mechanical Engineering underwent the Industrial Training programs in the reputed organisations like

- The National Small Industries Corporation Ltd
- Kolkata Metropolitan Development Authority
- Kolkata Port Trust
- Burn Standard Co. Limited
- Betterman Engineers Pvt Ltd
- Sintex



PLANS FOR NEXT ACADEMIC SESSION

- The Department of Mechanical Engineering is planning to organise an Industrial Visit program and/or a Seminar under Student's Chapter of The Institution of Engineers (India) in the upcoming academic session.
- A Poster Presentation Competition shall be organised in the next semester.

MEET THE ALUMNI OF MECHANICAL ENGINEERING DEPARTMENT



Souvik Chatterjee

Batch 2015
Completed M.Sc. and pursuing Ph.D. from University of Applied Sciences, Wiener Neustadt - Austria (Vienna)



Sayon Dey

Batch 2015
Pursuing Ph.D. from NIT, Patna after completing Master's from Jalpaiguri Govt. Rngg. College



Raju Adhikary

Batch 2015
Assistant HOD of Mechanical Maintenance Dept. at McNally Bharat Engineering Company Limited



Arnab Singha Ray

Batch 2015
Working in Indian Navy



Sk Saharul

Batch 2017
B. Tech in E.C.E.
Working as R & D Engineer at Allied Industries Pvt Ltd.



Sk Sharuk Mohammad

Batch 2017
Working as Assistant Engineer at Kiswok Pvt Ltd.



Rajnish Kumar Suryabanshi

Batch 2017
Working as Maintenance Engineer at Thermax Ltd.



Dipanjan Dey

Batch 2018
B. Tech in M.E.
Working as Graduate Engineer Trainee at Ceratizit India Pvt Ltd.

Department of Physics

“The true laboratory is mind where behind illusion we uncover the laws of truth”

Acharya Jagadish Chandra Bose

The basic aim of Physics Department is to teach the engineering students in such a way that they cross the academic hurdles smoothly and can become a successful engineer. Here more importance is given to the learning process. So, different types of teaching methodologies are applied to get most fruitful learning outcome. Regular evaluation is done to analyze the output.

COMMENDATIONS



- Prof. Pranab Biswas attended “Awareness-Cum-Training Programme on Plasma Science & Technology and Energy from Nuclear Fusion”, funded by National Council for Science & Technology Communication (NCSTC) & Institute for Plasma Research (IPR), Gandhinagar. It was conducted at The Regional Science Centre, Guwahati, Assam on 7-8 June 2018.



- Prof. Pranab Biswas was invited and attended the press meet of ‘Catch Them Young-Phase 2’ launch held at American Center, Kolkata on 21st of December 2018 and an Idea workshop held at Techno India University Campus, Salt Lake on February 23, 2019.
- As the coordinator of Entrepreneurship Development Cell (EDC), Prof. Pranab Biswas brought Govt. fund from Department of Science and Technology and Biotechnology (WB) for organizing Entrepreneurship Awareness Camp which held at college campus from 18-20 March, 2019. In this camp Prof. Arghya Dey was the assistant coordinator.
- Prof. Arghya Dey enrolled for Faculty Development Programme organized by National Programme on Technology Enhanced Learning (NPTEL).
- Prof. Pranab Biswas was the coordinator of 34th CPR & Pre Hospital Care (BLS) Training Workshop which held at Omdayal Group of Institutions on 28th July, 2018.

- Beside this faculty members also attended NPTEL Single Point of Contact (SPOC) felicitation workshop organized by IIT Kharagpur on Aug 3, 2018 at Swabhumi, Kolkata.



- As the part of continuous evaluation process Physics Department organized students' PPT presentation programme on certain “out of syllabus” topics in odd semester for first and second year students.
- In even semester some students also prepared Wall Magazine and demonstrated in Physics Laboratory.

PLAN FOR NEXT ACADEMIC SESSION

To promote academic excellence by taking specific steps as suggested by NAAC and NBA such as

- Organizing seminar and relevant science workshop
- Helping students in preparing mini projects

Department of Mathematics

The main aim of Department of Mathematics is to help the students to develop a strong base in Mathematics which is the integral part of Engineering and Architecture.

Other than following the normal syllabus of University, the faculty members are engaged in other co curricular activities, such as arranging the bridge course for the first year students, conducting aptitude classes for the third and fourth Year Students etc. The faculty members are also engaged in pursuing Faculty Development Courses, NPTEL courses.

COMMENDATIONS

The Department, in association with GATEFORUM conducted a one day seminar on Engineering Mathematics dated 16.11.2018. GATEFORUM, Hyderabad engaged their renowned faculty as the speaker.

Publication of Papers & Books

Prosenjit Sen, A Maiti, and G P Samanta, ‘A competition model with herd behaviour and Allee effect’, Filomat (to be appeared)

Participation in Seminar and Workshop

Prof. Debojyoti Lahari attended a workshop on 2nd March, 2019 named ‘Workshop on MOOCS, MAR and Continuous Evaluation’ organized by MAKAUT.



PLAN FOR NEXT ACADEMIC SESSION

- To promote departmental research in the field of Mathematics.
- To organize seminars in the field of emerging trends in Engineering Mathematics.

Department of Chemistry

Chemistry is one of the basic science Departments which put all possible efforts to build up the solid base for students to achieve their career goals. The Department acts as an active catalyst to develop perfect approach to unlock their hidden talent and lay a solid foundation of basic concepts for innovative future. Besides conducting regular classes the faculty members also take bridge course classes, tutorials to reinforce the fundamental concepts of Chemistry for the B.Tech 1st year students.

COMMENDATIONS



Prof.(Dr.). Sukanya Das Chandra being the coordinator, conducted the Induction Program for the newly admitted 1st year B. Tech students from 7th August to 25th August 2018 as per the mandate given by AICTE and MAKAUT

Prof.(Dr.) Sukanya Das Chandra attended 3 days Faculty Development Program for Student Induction Program for AICTE approved Institutions from 16th July 2018 to 18th July 2018 at Sister Nivedita University, Newtown, Rajarhat

Prof.(Dr.) Sukanya Das Chandra attended NPTEL SPOC Workshop (East Zone) on 2nd February, 2019 at Swabhumi, Kolkata

PLAN FOR NEXT ACADEMIC SESSION

- To promote departmental research.
- To organize international conferences, seminars and workshops to disseminate in the field of emerging trends in Chemistry.
- To conduct more numbers of syllabus - oriented seminars for students.

Department of Humanities

The Humanities Programme at OGI offers an interdisciplinary approach to the study of the Humanities subjects like Ethics, Economics and Management studies, intellectual and cultural practices and traditions in world civilizations. The programme's focus on values, ethics, and civil debate is also reflected in its emphasis on critical thinking, reading and writing, and on individualized student mentoring. The department aims at creating a knowledge community with strong human values, discerning social awareness and excellent communicative skills. Commendations

COMMENDATIONS

Presentation of Research Papers



Prof. Monita Mitra presented a paper titled 'Swami Vivekananda's Philosophy of Universal Religion and Education in Empowering Teacher Educators at 3 day International Conference on Universal Religion and Education (ICURE) at Benaras Hindu University from 16-18 November 2018



Prof. Monita Mitra presented a paper titled 'Issues and Challenges of the new migrant

women workforce in the city of Kolkata' at 3 day International Conference on migration at Tata Institute of Social Sciences, Patna from 29 Nov- 1 Dec, 2018 Prof. Monita Mitra presented a paper titled 'Good Practises in Gender Mainstreaming in the Community- Issues & Strategies- The Kolkata Story' at 2 day national Conference on Impact of Social Change and Technology on Family and Community at Benaras Hindu University from 11-12 March 2019

Publication of Papers & Books

Monita Mitra 'Bridging the gap-Meeting the Challenges of Quality Assurance in the Integration of ICT in ODL', Distance Education and its Obscurities: Addressing the 'Inaccessibility' Conundrum in Mathematics and other Disciplines, The Registrar, Netaji Subhas Open University ISBN: 978-93-82112-66-2

Participation in Faculty Development Programs

- Prof. Monita Mitra successfully completed the NPTEL-AICTE FDP on "Educational Leadership" in September 2018

PLAN FOR NEXT ACADEMIC SESSION

- To upgrade the Language Lab
- To conduct a seminar on Corporate Grooming and Developing Soft Skills
- To raise Social Awareness through authentic activities in Community Welfare like visit to Old Age Homes and Orphanages

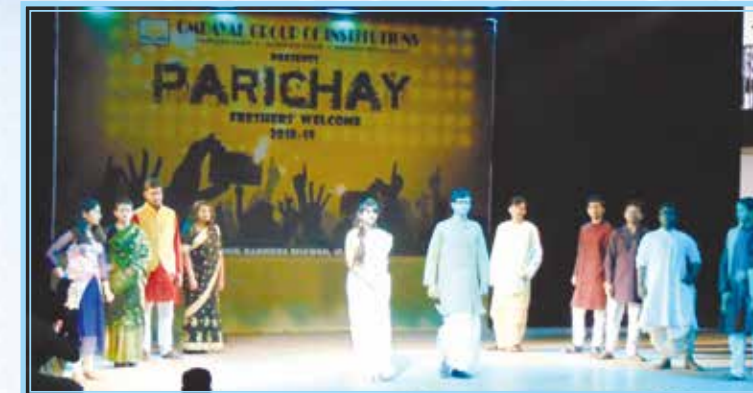
At The Further Side of Classroom

FRESHER'S WELCOME, PARICHAY 2018-19



The Fresher's Welcome programme was held on 22 February 2019 at the Rabindra Bhavan Hall at Uluberia. PARICHAY started with welcoming the First year students. It was a fun filled event at which the freshers got an opportunity not only to showcase their talents but to interact with the seniors.

The program started with the Ramp Walk for the most coveted position of Mr and Ms Fresher. A competition of 'Two minutes to Fame' held. Mimicry, skit and jugalbandi of the Band were key performances. Finally the program ended, leaving behind sweet memories.



ANNUAL SPORTS 2018-19

Annual Sports 2018-19 was organized by OmDayal Group of Institutions on 25th February, 1st and 2nd March, 2019. It was comprised of both outdoor games - football and cricket tournament and indoor games - badminton, table tennis and carrom tournament.



OMDAYAL FOOTBALL CHAMPIONSHIP



OmDayal Group of Institutions (ODGI) introduced under 18 Inter School Knockout Football Championship that is known as "OMDAYAL FOOTBALL CHAMPIONSHIP 2019". It held at Uluberia Stadium from 17th April to 8th May, 2019.

The inauguration ceremony started on 17th April with the flag hoisting by the Secretary of the Group Mr. Alok Tibriwal. Renowned footballer Mr. Goutam Sarkar was also present in the ceremony. He motivated the boys to be good human being along with a skilled footballer.



The schools which participated in the Championship are

Uluberia High School	Shyampur High School
Ananda Niketan High School	Amta Pitambar High School
Kalinagar High School	Kajirchara High School
Asian International School	Baniban Jadurberia Vidyapith
Srikrishnapur Chittaranjan High School	Bagnan High School
Narit Nyayaratna Institutions	Baganda Jatadhari High School
Gutinagori Alope Tirtha Vidyaniketan	Nakole High School
Panpur Sashi Bhusan High School	Barbashi High School

CULTURAL FEST-ULLASH 2K19

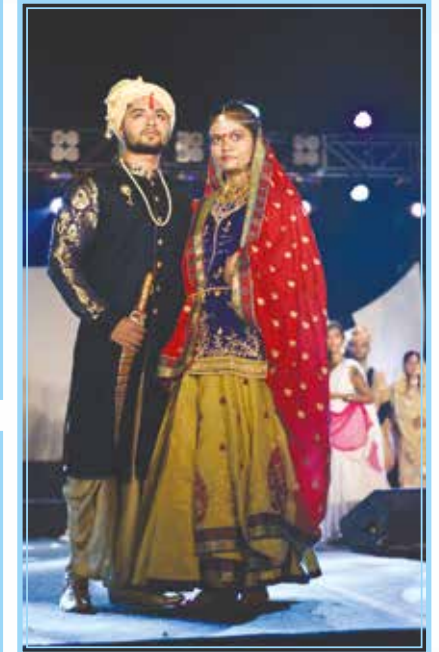
"ULLASH, the annual cultural fest of OM DAYAL GROUP OF INSTITUTIONS is organized by the third year students every year. With a combination of trendy and classic events and best guest performances, it is one of the best college events in Howrah.

10th and 11th May, 2019 were the days when students had two days of fun freaking journey of exciting competitions and imminent artists.

Out of various events LIME LIGHT, the Fashion Show (which held on May 10) was the most popular one. Beside this, the Pot Breaking Competition, BOHOT HARD; the Tattoo Making Competition, LALO YUNDA; the Treasure Hunt Competition, GABHIR JOLER MACH are worth mentioning.

On 10th May, DJ Red Venom performed with excellent mob and they danced like never before. The atmosphere was completely rhythmic. On 11th May, M SONIC the band who took first position last year in "INDIA GOT TALENT" TV show, mesmerized the audience with the remake Bollywood songs of different era.

Lot of alumni was invited; they took part and enjoyed with the current students. In the late evening of the second day, the programme ended with some memory that everyone will remember for longer time.



Editorial Team

● Prof Pranab Biswas ● Prof Poulami Das ● Prof. Anupam Ghosh ● Prof Srijan Mukherjee
● Prof Shreya Bannerjee ● Prof Kousik Mondal ● Prof Pradipta Biswas ● Prof. Mainak Mukherjee ● Mr. Debashis Bannerjee

Special thanks to Prof. (Dr.) Prosenjit Sen, Vice Principal

Upcoming Event

Tentative dates of Annual Technical Fest are 16th & 17th August, 2019
Induction Programme in the month of August, 2019



OmDayal Group of Institutions

Engineering College

AICTE approved NAAC accredited and
MAKAUT (formerly WBUT) affiliated Institution

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