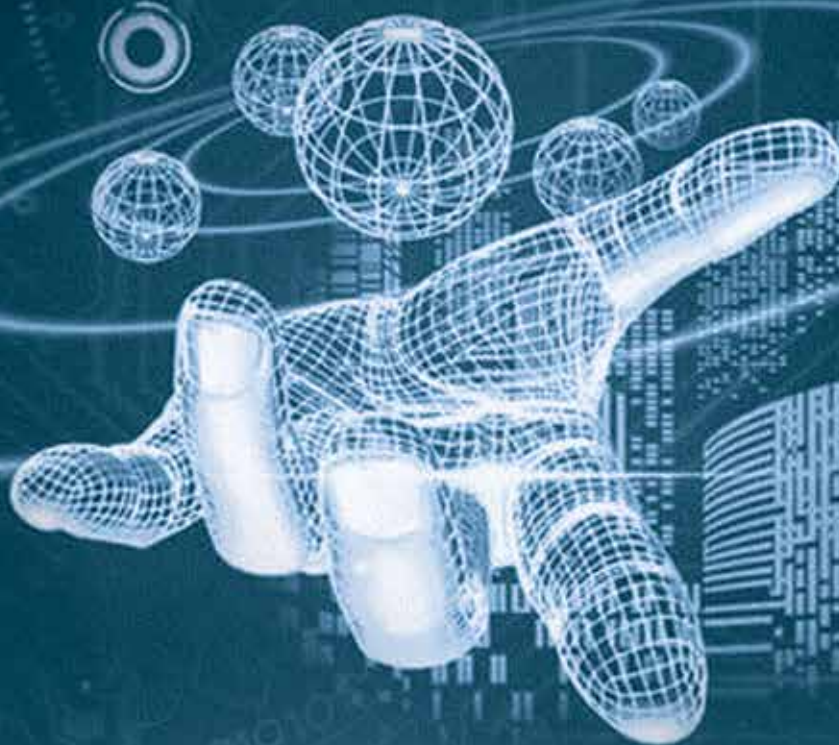


Om Craft

2019-20



OmDayal Group of Institutions
Uluberia Howrah



From the Desk of the Secretary

I believe OmDayal Group of Institutions is not just an Engineering and Architecture College, it is an institution that inspires young minds to enhance their creativity to deliver real-life solutions for the betterment of the society, state, country and the world.

As we face the stiff challenges of a global pandemic, it is even more important to nurture qualities like leadership, kinship, discipline, organizational capability and points of view. I am sure, soon we will be able to come out triumphant against the adversary and will continue our path to achieve greater heights.

I wish all the students of OmDayal Group of Institutions success in exploring the world of engineering and science, under the dynamic guidance of the faculty.

Alok Tibrewal

Secretary

In this edition

Marching Ahead - Departmental Activities	4
Civil Engineering	4 - 8
Computer Science & Engineering	9 - 13
Mechanical Engineering	14 - 19
Electrical Engineering	20 - 24
Electronics & Communication Engineering	25 - 29
Maths	30
Physics	31
Chemistry	32
Humanities	33 - 34
Beyond the Classroom	35
Tech Fest	35 - 37
Induction Program	38
DST Inspire Science Camp	39 - 41
Fresher's Welcome Program	42
Tree Plantation Drive	42
Indian Constitution Day	43
National Unity Day	43
Jal Diwas	44
Annual Sports	45 - 47
New Vistas of Learning	48
Alma Speak	49 - 51



From the desk of the Vice Principal

I am delighted to know that our college Newsletter "OmCraft" Volume - 5 for BTech carrying the campus news and the achievements of our faculty, staff and BTech students, who earn credits for the institution, is being released.

The main focus of our institute in the coming days is going to be on Research and Innovation. We will be conducting advanced and futuristic technology trainings and workshops by National experts. We need to put more efforts for best results with outcome based teaching-learning for NBA accreditation. Simultaneously our students and faculties have been engaged very well in social, cultural and sports domains too. Induction program for first year

students has been done commendably by all departments and we hope it has made our new aspirants comfortable on campus.

I wish all the best to those who are responsible for bringing out this newsletter. It would definitely be an inspiration and motivation for the other students and staff to perform better and add on their contributions in the forthcoming issues.

Dr. Prosenjit Sen

Vice Principal



Reflections from The Editor

It is indeed a great honour for me to be the editor of this Newsletter – 'OmCraft 2020'. In an institution's development, proper communication plays a crucial role. This Newsletter will act as a medium to offer acknowledgement and respect to the efforts of all those people working hard round the clock on and off the scenes.

I would like to thank all the members of the editorial team of this Newsletter for their valuable contributions and constant support.

I would like to express my gratitude to Prof. Monita Mitra,

Co-Editor, for her full-hearted support and my special thanks to Prof. (Dr.) Prosenjit Sen, Vice Principal, for his guidance and motivation throughout the creation of this Newsletter.

With the hope to inspire everyone for new thinking with confidence and faith in each other in this journey, I wish you all.....Happy Reading.

Swarupa Ojha

Editor



Hope all of you and your family are all well and safe. The past one and half month has seen drastic changes all over the world. This began third week of March with the closure of offices schools, colleges and universities across the country, a complete lockdown across the whole nation.

The good news is our institute is providing online classes for completion of curriculum, technical skills and soft skills development which you are availing at your fingertips on your devices. Now the whole country is in lockdown, enroll in online courses/classes/webinars which we are sending to you from time to time.

I am pleased to learn about the forthcoming issue of the OmDayal Group of Institutions' Engineering Newsletter, 'OmCraft'. Nurturing creativity and inspiring innovation are two of the key elements of a

successful education, and a college newsletter is the perfect amalgamation of both. It harnesses the creative energies of the academic community and distils the essence of their inspired imagination in the most brilliant way possible. I do appreciate and applaud the editorial team for their successful completion of this tedious yet daunting task of putting together the myriad thoughts and dreams of our students and faculty into a meaningful and delightful visual fest called 'OmCraft'.

I personally look forward to integrate my industry experience of over 38 years and 6 years in teaching into the learning systems and the collective efforts of the faculty of the department and build a comprehensive methodology that encompasses whatever that matters for nurturing the minds of our department students.

One of our second year students, Minakshi Pradhan has made homemade hand sanitizer using Aloe Vera, Dettol and ethyl alcohol for daily use. Pratuish Pramanik of 2nd year is making eco-friendly seed pen using seed ball technique for plantation during this lock down period.

Best wishes

Gautam Bondyopadhyay
HOD, CE Department

Participation of Faculty Members/TA in Seminars/Workshops

- Prof. Sk Kamrul Alam attended 2nd Higher Education Conclave, "Impact of Disruptive Technologies on Higher Education", Confederation of Indian Industry, Eastern Region, Kolkata on 17th August, 2019.
- Prof. Sk Kamrul Alam attended 2nd Globalised Education Forum, "feedback & suggestions from academia and Industry towards a realistic action plan, implementing the outline of the New Education Policy", Indian Chamber of Commerce at JW Marriott, Kolkata on 8th November 2019.
- Prof. Sk Kamrul Alam attended a four-day online seminar on "Examination reform policy brought out for alignment of technical education with global trend of outcome base learning and shifting the focus on creativity and skills" organised by AICTE from 28th April to 2nd May, 2020.
- Prof. Anupam Ghosh attended a five-day STTP program on "Principles of RCC Design up to & beyond Limit States, Applications and Limitations of IS: 456-2000" organized by NITTTR, Kolkata during 16th - 20th September 2019.
- Prof. Anupam Ghosh and Prof. Sk. Kamrul Alam attended a five-day STTP program on "NBA Accreditation and SAR preparation" organized by NITTTR, Kolkata during 4th - 8th May 2020.

- Mr. Pritam Roy participated in a five-day workshop organized by NITTTR, Kolkata on "Skill Development in Laboratory" from 20th April to 24th April 2020.
- Mr. Pritam Roy participated in a five-day workshop organized by NITTTR, Kolkata on "Philosophy of RCC Design by IS456: 2000" from 27th April to 1st May 2020.

Participation of Faculty Members in Conferences

- Prof. Sk Kamrul Alam participated and presented a paper titled "Prediction of CBR Value of Fine Grained Soils of West Bengal region By Linear-regression analysis" in the International Conference on 'Energy and Sustainable Development (ICESD 2020)' organized by Jadavpur University and The Institutions of Engineers, India at Jadavpur during 14th - 15th February 2020.

Publication of Research Papers in Journals & Conference Proceedings

- S. K. Alam, A. Mondal & A. Shiuly, "Prediction of CBR Value of Fine Grained Soils of Bengal Basin by Genetic Expression Programming, Artificial Neural Network and Krigging Method", J GeolSoc India, 95, 190-196, 2020, Springer.
- S. K. Alam, A. Mondal & A. Shiuly, "Prediction of CBR Value of Fine Grained Soils of West Bengal region By Linear-regression analysis", Proceedings of International Conference on Energy and Sustainable Development (ICESD-2020), 14th - 15th February, 2020, Jadavpur University and The Institution of Engineers, India.

Participation of Students in Various Competitions/Events

Riddhi Mondal, Chetana Sen and Dulal Marandi, 3rd year students, participated in the Science and Technology Exhibition 'EXPLORA 2020' organized by MAKAUT at the University Campus with their project titled, "Sustainable drinking water from Rain water Harvesting" which was mentored by Prof Kashinath Bose on 28th February, 2020. The project attracted many enthusiastic audience and invited commendations from the judges.



- Students of the department participated in the Technical Fest 'VOYAGE 2019' organised by our college with many interesting and futuristic projects with the perspective of sustainable engineering keeping in mind that could progress our society as well as nation. Some of the participated projects were: Base isolation, Intelligent Traffic Signal System, Sustainable Drinking Water from Rainwater Harvesting, Brick Laying Robot (Construction Robotics) and Turbulent Hydropower system.



Events Organised by the Department

- ♦ A webinar on “Transforming Challenges to Opportunities” was organised by the department on 6th June 2020. The speakers were: Prof. Gautam Bandyopadhyay – HOD, CE Dept, Dr. K K Ganguly – Executive Director, Development Consultants Private Limited and Prof. Sk. Kamrul Amam – CE Dept.
- ♦ A one-day seminar on “Sustainable Development, Engineering & Construction in the field of Civil Engineering” was organised by the department on 26th October 2019 at the ground floor Seminar Hall in our college. All students from 1st year to 4th year of the department participated in the event. Distinguished guests like - Dr. Kalyan Kr. Ganguly (Executive director, Development Consultants Pvt. Ltd.), Mr. Raja Basu (Consultant, Project Initiator, and Implementer Renewable Energy Sources), Mr. Tapas Ghatak (Advisor to KUSP, a project of DFID, Govt. of West Bengal) and Dr. Partha Ghosh (Associate Professor, Construction Engg. Dept., Jadavpur University, Kolkata) enriched the event by delivering lectures on their specialized topics. The event was coordinated by Prof. Sk. Kamrul Alam and presided by Prof. Gautam Bondyopadhyay (TIC, CE Dept.). The Vote of Thanks was delivered by Prof. Kashinath Bose. A key message resulting from the seminar was that sustainable development in the field of construction and civil engineering is going to be especially important in future perspective and the students should prepare themselves to make the most of these opportunities.



- ♦ A Workshop on “INTRODUCTION TO REVIT & ETABS SOFTWARE” was organized by the department in collaboration with EDUCADD on 29th February 2020 at the STAAD LAB. The focus of the Workshop was to empower the students with the latest technologies being used in the field of construction and practical civil engineering. The morning session was on ‘Introduction to Revit Architecture Software’ and the post Lunch session was on ‘Introduction to ETABS software’. The sessions were informative and enriching, and students enjoyed interacting with the experts asking many questions.

Industrial Tour/Visit

A one-day Industrial visit was organised by the department to a construction site maintained by an ITD cementation India limited at Haldia, Purba Medinipur on 21st October 2019. Thirty-one students comprising of 3rd year and 4th year along with faculty members were a part of the Industrial visit.

Industrial Training

Students of the department (mainly 6th Semester) underwent training in the following companies:

- ♦ Shapoorji Pallonji Group
- ♦ Simplex Infrastructure Ltd.
- ♦ Design & Research (I & WD), Govt. of West Bengal
- ♦ Contai Irrigation Dept., Govt. of West Bengal
- ♦ PWD, Govt. of West Bengal
- ♦ PHE, Govt. of West Bengal

Plans for Next Academic Session

- ♦ Redefine PEO's and PO's of Civil Department for NBA.
- ♦ To initiate the Outcome Based Education, Monitor and Implement Effectively in view of next NBA.
- ♦ To motivate faculty for Industry-Interaction with objectives to get Sponsored Projects and Placement of Students.
- ♦ To prepare civil engineering professionals with zeal for life –long learning, and work for sustainable development of society with ethics.
- ♦ To attract and support innovative, inspiring and diverse faculty and staff to enhance research and teaching impacts, reputation and ranking.
- ♦ To develop new degree programs to address civil and environmental engineering challenges in the changing world.

Alumni Details for CE Department of 2019 batch



Bhaskar Das
Pursuing Master's in
University of Leeds, UK



Arkajit Dutta
Doing PGDACC from NICMAR,
Pune



Hajjaj Bin Kashem
Working in CYBER SWIFT



Subham Hazra
Working in Mashery Basel
(Al Almia) Sub Contractor of
L&T, OMAN



Tasneem Ali
Pursuing Master's in University
of Leeds, UK



Subhajit Basak
Working in EDUCADD, Kolkata



Department of Computer Science & Engineering, OmDayal Group of Institutions, started its journey in 2011. The department is running B. Tech in Computer Science & Engineering for 60 students approved by AICTE, MAKAUT. Till now 5 batches already passed out from the departments. The department has modern computer labs latest hardware, software, and high-speed internet, seminar room with projector, speaker. The library of the college is equipped with numerous text and reference books for the department. In every session new collection of books of new technologies are added to the library. Many passed out students are successfully working in multi-national companies like TCS, CTS, AMAZON etc. whereas some of them working in promising start-ups. Some passed out students opted for higher studies in best universities and colleges in India like Jadavpur University, NIFT-Delhi, NIT-Durgapur etc.

Many activities like workshop, seminar, coding competition, poster competition is being held by the department throughout the year. Also, there are webinars on different recent topics like DATA SCIENCE, MACHINE LEARNING, IoT etc. Students are developing WEBSITES, APPS, ARDUINO AND SENSOR BASED PROJECTS in TECHNICAL FEST arranged by college, university and outside organizations. The faculties are well qualified, experienced, motivated and highly energetic. They are quickly adopting to new technologies. Even at the difficult time of COVID19 they are sharing their knowledge with the students using VIDEO CONFERENCING CLASSES and other online platforms. Students are equally enthusiastic to participate online classes like regular one. Students have not stopped their learning. Best wishes for all the students, faculties, and all who are associated with our department.

Best wishes

Prof. Dipankar Hazra
TIC, CSE Department

Participation of Faculty Members in Seminars/Workshops

- ❖ Prof. Santosh Das participated in the International webinar titled "Application of Artificial Intelligence on Geo-Spatial Data: A Pandemic View from Space" organized by Department of Information Technology, Maulana Abul Kalam Azad University Of Technology, West Bengal, India on 30th May 2020.
- ❖ Prof. Dipankar Hazra, Teacher-in-Charge, participated in a Workshop on "Joint Entrance Examination" on 13th May 2019 at West Bengal Joint Entrance Examination Board.
- ❖ Prof. Saikat Pahari & Prof. Indrani Mukherjee participated in a short training programme on "Swift-Programming Language" organized by AATCE (Apple Authorized Training Centre for Education) during 9th - 12th July 2019.
- ❖ Prof. Abhijit Bera participated in a workshop on "Animation, VFX & Gaming Knowledge Workshop – 2019" organized by Department of Information Technology & Electronics Government of West Bengal on 14th July 2019.

Conference Participation and Publication of Research Papers

- ❖ Prof. Dipankar Hazra presented and published a paper titled "A Shape Based Model with Zone Wise Hough Transformation for Handwritten Digit Recognition" in the 3rd International Conference on Smart Technologies in Data Science & Communication held during 13th -14th December 2019 in Vizag, Andhra Pradesh.

- ❖ A paper titled “Graph Classification using Back Propagation Learning Algorithms” by Prof. Abhijit Bera has been accepted in a journal - ‘International Journal of Systems and Software Security and Protection, IGI Global publishers’ in March 2020, ISSN: 2640-4265.

Faculty Achievements

- ❖ Dr. Dhrubajyoti Ghosh delivered lectures in the five-day online FDP on Artificial Intelligence under scheme of AICTE Training and Learning (ATAL) Academy Programmes sponsored by AICTE organized by Dr. Harisingh Gour Vishwavidyalaya, Madhya Pradesh from 25th to 29th May 2020.
- ❖ Prof. Santosh Das has been appointed as a peer reviewer in the International Journal of Innovations in Engineering, Research and Technology-IJIERT (ISSN 2394-3696) on 8th May 2020.

Participation of Students in Seminars/Workshops/Other Events

- ❖ Rupdeepa Ghosh, a 2nd year student, participated in a workshop ‘Kshitij’ in IIT Kharagpur on 19th January 2020.



- ❖ Students of 2nd & 3rd year participated in ‘India International Science Festival’ held at Science City, Kolkata on 6th November 2019.



Achievements of Students

- ❖ Soumili Koley, a student of final year, participated in a competition ‘The Rising Studentpreneurs 2020 - The Annual Idea Hunt’, organized by ‘The Bengal Chamber of Commerce and Industry’ on 9th January 2020 at Williamson Magor Hall, The Bengal Chamber Premises, Kolkata. Her topic- Lightning Harvest was selected as one of the Best Top Ten Business Ideas in West Bengal.



- ❖ Rupdeepa Ghosh & Sonam Chaudhary, students 2nd year participated and got consolation prize for their project titled ‘Fingerprint Based Biometric ATM System’ in ‘Robomac’ organized by Maulana Abdul Kalam Azad University of Technology, at the university campus on 24th February 2020.



- ❖ Oishik Sinha & Aritra Mukherjee, students of 2nd year, participated and got consolation prizes for their project titled ‘Wi-Fi Sensing Rader Wheels’ in ‘Robomac’ organized by Maulana Abdul Kalam Azad University of Technology, at the university campus on 24th February 2020.



Participation of Students in Various Training/Internships

- ❖ Students of 3rd year participated in a training on 'Data Analysis with R' at Persuit Software, Webel Kolkata during 6th – 10th February 2020.



- ❖ Pamela Sengupta, Shreya Mondal, Satyam Swet, Srishti Karn & Debojyoti Roy Choudhuri, students of 3rd year, got a chance to attend an internship on 'Cyber Security' at Prudential Infotech Ltd. Kolkata from 24th to 27th July 2019.

Participation of Students in Various Competitions

- ❖ Rupdeepa Ghosh, a student of 2nd year, participated with her project titled "Fingerprint Based Biometric ATM System" in 'Explora 2020' organized by Maulana Abdul Kalam Azad University of Technology, at Haringhata main campus on 28th February 2020.
- ❖ Oishik Sinha & Aritra Mukherjee, students of 2nd year, participated with their project titled "Wi-Fi Control Wireless Rader Wheels" in 'Explora 2020' organized by Maulana Abdul Kalam Azad University of Technology, at Haringhata main campus on 28th February 2020.
- ❖ Students of the department participated in the Technical Fest 'VOYAGE 2019' organised by our college on 26th & 27th September 2019.

Events Organized by the Department

- ❖ A Webinar on "Scope of Computer Science & Engineering in Post Pandemic Society" was organized by the department on 19th May 2020. The speakers were: Mr. Vikash Sharma – Co-Founder, VP Business Development NrXen IT Technologies Pvt. Ltd., Prof. Dipankar Hazra - TIC, CSE Dept. and Prof. Saikat Pahari - CSE Dept.
- ❖ A Webinar was conducted, titled "Applications of Analytics on IoT" on 2nd May 2020, an initiative under Education Excellence Forum through CII Webinar Platform. Dr. Tanushyam Chattopadhyay, Principal Scientist, TCS Research & Innovations Lab was the speaker, About 50 students of the department participated in the event.
- ❖ A Webinar was conducted, titled "Impact of Artificial Intelligence & Data Science" on 20th April 2020. Mr. Titas Roy Chowdhury from Globsyn Finshing School was the speaker. About 40 students of the department participated in the event.
- ❖ A Seminar on "Data Analytics & Geo- Informatics" was organized at OGI on 9th November 2019 to commemorate the Birth centenary year of Dr. Vikram A Sarabhai, the father of Indian Space Research. Distinguished speakers Dr. Soumya Bandyopadhyay, Scientist/Engineer – SG and Head (Applications), Regional Remote Sensing Centre (East), NRSC/ISRO, and Dr. Debasish Chakraborty Scientist/Engineer – SF, Regional Remote Sensing Centre (East), NRSC/ISRO Kolkata delivered enriching lectures. Around 100 students from different colleges participated in the event.

- ❖ An Inter Department Quiz Competition "Quizzard" based on technical and non technical concepts was organized by the final year students of on 20th September, 2019 at the college seminar hall.



Plans for the Next Academic Session

- ❖ To organize a one-week workshop on Android App Development
- ❖ To organize a two-week workshop on Graphics Designing
- ❖ To organize a Seminar on Virtual Cryptography

Alumni of the Department





It is a matter of immense pleasure and pride to announce that the Department of Mechanical Engineering of OmDayal Group of Institutions is publishing its 5th Newsletter. In the academic session 2019-20, apart from the regular teaching-learning process, the Department has successfully organized several events and conducted various co-curricular activities for the students. All the vital activities and the events held during this period have been included here in the Newsletter. I want to congratulate every faculty and staff member of the Department for their active participation in the events like the seminar, quiz competition, technical fest, industrial visits, training, sports, etc. All the students and the teachers have tried their level best to make every event successful. I believe that the organization of such periodic curricular and co-curricular activities has significantly enhanced the technical knowledge of our students and also promoted

the feeling of creativity among them. In this academic year, many faculty members of the Department have participated in various seminars, workshops, conferences, and faculty development programs at the national level. Some faculty members have carried out excellent research work this year, which has resulted in the publication of several research papers in various reputed international journals and the international conference proceedings. It is worth mentioning here that despite the extremely critical situation that has resulted from the COVID 19, the academic activities of our Department are least affected owing to the online teaching-learning process carried out by our dedicated faculty members of this Department. I would like to appreciate everyone's endeavour in this regard. I believe that this edition of the Newsletter will be a useful platform for exchanging the academic information among the OmDayal community and also with that of the external world.

Ramen Kanti De
TIC, ME Department

Participation of Faculty Members in Seminars/Workshops

- ❖ Prof. Deepanjan Das participated in the 4-Day "Online Examination Reforms Training Workshop" conducted by AICTE and KLE Technological University, Hubballi, from 29th April to 2nd May 2020.
- ❖ Prof. Deepanjan Das participated in the 12-Week online NPTEL-AICTE FDP on "Fundamentals of Automotive System" conducted by Indian Institute of Technology- Madras, Jan – April 2020.
- ❖ Prof. Sumit Bhowmik participated in the 8-Week online NPTEL-AICTE FDP on "Theory and Practice of Non-Destructive Testing" conducted by Indian Institute of Technology – Madras, Jan – March 2020.
- ❖ Prof. Deepanjan Das participated in the 8-Week online NPTEL-AICTE FDP on "Introduction to Research" conducted by Indian Institute of Technology- Madras, Aug – Oct 2019.
- ❖ Prof. Kunal Adhikary attended SOLIDWORKS 2020 Launch Event organized by Pelf Infotech Pvt. Ltd. at The Park Hotel, Kolkata on 6th November 2019.
- ❖ Prof. Deepanjan Das participated in the Faculty Development Program on "Student Induction Program" organized by Indian Institute of Technology – Mandi, from 30th June to 6th July 2019.
- ❖ Prof. Ranjit Barua and Prof. Arindam Banerjee attended CII 2nd Higher Education Conclave - Impact of Disruptive Technologies on Higher Education" organized by Confederation of Indian Industry, Eastern Region, Kolkata on 17th August 2019.

Participation of Faculty Members in Conferences

- ❖ Prof. Ranjit Barua participated in 'International Conference on Advancements in Mechanical Engineering (ICAME 2020)' organized by Department of Mechanical Engineering, Aliah University, Kolkata from 16th to 18th January 2020.
- ❖ Prof. Ranjit Barua participated in 'International Symposium on 3D Printing Technology, 2019' organized by The Institution of Engineers (India) and Institute of Engineering & Management, Kolkata on 9th November 2019.

Publication of Research Papers in Journals

- ❖ Ramen Kanti De, Aritra Ganguly, "Performance comparison of solar-driven single and double-effect LiBr-water vapor absorption system based cold storage", Thermal Science and Engineering Progress, Elsevier, 17, pp. 1-12, 2020.
- ❖ Ramen Kanti De, Aritra Ganguly, "Energy and economic analysis of a solar supported multi-commodity cold storage", Journal of the Brazilian Society of Mechanical Science and Engineering, Springer, 41, 1-17, 2019.
- ❖ Ramen Kanti De, Aritra Ganguly, "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, 27, 1-13. 2019.
- ❖ Ranjit Barua, Himanshu Giria, Sudipto Datta, Amit Roychowdhury, Pallab Datta, "Force modeling to develop a novel method for fabrication of hollow channels inside a gel structure", Journal of Manufacturing, The Institution of Mechanical Engineers Part H, Vol 234 (2), 223-231, NOV. 2019.
- ❖ Sudipto Datta, Ranjit Barua, Jonali Das, "Importance of Alginate Bioink for 3D Bioprinting in Tissue Engineering and Regenerative Medicine", Recent Uses of This Natural Polymer, 72, 904-912, 2019.
- ❖ Ranjit Barua, Sudipto Datta, Amit Roychowdhury, Pallab Datta, "Study the Bioprinting Process in Biomedical and Tissue Engineering Fields", Journal of Biomed, Elseier, SSRN, 15, 111-116, JAN.2020.

Publications in Conference Proceedings

- ❖ **Ramen Kanti De**, Aritra Ganguly, "Thermal modeling and performance analysis of a solar assisted double-effect vapor absorption system based cold storage", Proceedings of 1st International Conference on Clean and Renewable Energy (ICCARE), 10th -12th July, NIT Durgapur, India, 2019.
- ❖ **Ranjit Barua**, Sudipto Datta, Subhadip Ray, Sibabrata Mondal, "Study the parametric optimization of lap joint resistance spot welding process by Taguchi method", Proceedings on International Conference on Advancements in Mechanical Engineering (ICAME 2020), Organized by Department of Mechanical Engineering at Aliah University, Kolkata, India, 16th – 18th January 2020.

Faculty Achievements

- ❖ Prof. Ranjit Barua received the Best Conference Paper Award for his research paper titled "Study the biological and mechanical analysis of Alginate/Honey 3D scaffolds" at the 'International Symposium on 3D Printing Technology, 2019' organized by The Institution of Engineers (India) and Institute of Engineering & Management, Kolkata on 9th Nov 2019.

Participation of Students in Seminar/Workshop/Other Events

- ❖ Students of the department exhibited several technical models viz. Automated Drain Cleaner, Hands-Free Water Dispenser, Stair Climbing Robot, Geneva Conveyor Belt, Regenerative Braking System, etc. in the Annual Tech Exhibition Voyage 2019 organized by the college on 26th & 27th September 2019.



Achievements of Students

- ❖ Avitesh Kumar Singh, a student of 4th year, completed the Internship at Pinnacle Infotech Solutions and recruited by them as a Trainee Engineer.
- ❖ The project titled 'Automated Drain Cleaner model' designed by a group of 4th year students secured the 1st position in the department in 'Voyage 2019'.



Events Organized by the Department

- ❖ A webinar on 'A Guide for an Aspiring Mechanical Engineer on Career Choices & Opportunities in a Post Pandemic Society' was organised by the department on 13th June 2020. The speakers were: Mr. Srikanta Paladhi – Deputy General Manager, Toyo Engineering India Pvt. Ltd., Prof. Ramen Kanti De – TIC, ME Dept, and Prof. Arindam Banerjee – ME Dept.
- ❖ A Seminar titled 'Overview of Solidworks and 3D Printing' was organized by the department on 13th March 2020 at the ground floor Seminar Hall. The Seminar was a part of the co-curricular activities under the Students' Chapter of 'The Institution of Engineers, India'. Respected speakers from CADD Centre Training Services Pvt. Ltd, Kolkata and Pelf Infotech Pvt Ltd, Kolkata spoke about the various aspects of 3D Printing Technology and the importance of Solidworks Software in present day engineering, along with practical demonstrations.



- ❖ A Quiz Competition 'Inquisitive 2020' was organized and conducted by the department on 14th March 2020 at the ground floor Seminar Hall. The event comprised of written and visual rounds of stimulating questions asked from a wide range of topics including Basic Science Laws and modern-day Engineering.



Industrial Visit

The department organized a one-day Industrial Visit at Betterman Engineers Pvt Ltd, Uluberia, Howrah, (West Bengal), for students on 20th September 2019. A total of 12 students attended the Visit Program under the guidance of Prof. Arindam Banerjee. The students witnessed several machineries and equipments such as Cold Rolling Machine, Metal Cutting Machine, Bending Machine, etc. They also observed several mechanical processes such as Sand Blasting Operations, Welding Operations etc.



Industrial Training

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

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



Special Initiative

The Institution of Engineers (India) established Students' Chapter at the Department of Mechanical Engineering of OmDayal Group of Institutions on 11th July 2019. Miscellaneous co-curricular activities like Seminars, Workshops, Quiz Competitions, Industrial Visits, etc are organized in association with this students' chapter program.



Plans for next academic session

- ❖ To conduct Industry visits for the students of the department
- ❖ To organize various co-curricular events like seminar, workshop, quiz competition, poster presentation, etc under the Students' Chapter of The Institution of Engineers (India)
- ❖ To include new equipment in the Thermal Labs for the students of B. Tech and D.Voc
- ❖ To conduct in-house mock interviews and job-oriented skill training for the students
- ❖ To introduce online assessment tests and quizzes as integral parts of the teaching-learning processes

Alumni of the Department



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



Md. Yasir Ali
Batch: 2015
Sr. Engineer at Powermech Project Ltd.
Plant: Loy Yang Power Station, Melbourne



Sayon Dey
Batch: 2015
Pursuing Ph.D. from NIT, Patna after completing Master's from Jalpaiguri Govt. Engg. College



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



Aranab Singha Ray
Batch: 2015
Working in Indian Navy



Sk Saharul
Batch: 2017
Working as R&D Engineer at Gem Allied Industries Pvt. Ltd.



Sk Sharuk Mohammad
Batch: 2017
Working as Assistant Engineer at Kiswok Industries Pvt. Ltd.



Rajnish Kumar Suryabanshi
Batch: 2017
Working as Maintenance Engineer at Thermax Limited



Dipanjan Dey
Batch: 2018
B. Tech in M.E. in association with IMT Ghaziabad and Liverpool Business School, UK



Koushik Dwary
Batch: 2019
Junior Programmer & Inspector at SMC Pneumatic India Pvt. Ltd., Pune



Importance of Engineering & Technology in Modern Society

Engineering & Technology through its role in the creation and implementation of technology, has been a key force in the improvement of our economic well-being, health, and quality of life.

Human life expectancy is approaching 80 years in many parts of the world as fundamental advances of engineering and technology in medical field, and technology have greatly suppressed the occurrence of mortality rates for previously fatal health issues and the efforts of humankind are focused largely on enhanced quality of life.

Few decades ago, travel from the East Coast of the United States to the West Coast entailed a hazardous journey that took months to

accomplish. Weeks were needed to transmit a letter from one coast to the other. Today, with advancement in technology, in the developed world, we take it for granted that transportation is affordable and reliable, good health care is accessible, information and entertainment are provided on call, and safe water and healthy food are readily available.

In the current scenario, with the prospect of the exciting new developments expected to come from such fields as biotechnology, nanotechnology, and high-performance computing, the year 2020 can be a time of new choices and opportunities.

Engineering and Technology has shown itself to be responsive to technological breakthroughs from within engineering and from other fields, although not always in the timeliest fashion. From its first two sub-branches, military and civil, it expanded early on in recognition of developments that led to mining, mechanical, chemical, electrical, and industrial engineering. This process has continued and gradually expanded to biomedical, telecommunication, computer engineering. And further expanded to nanotechnology, artificial intelligence (AI).

However there have also been negative results of technology like climate pollution, global warming, depletion of scarce resources, application of nuclear weapon against mankind.

Overall, continuous inventions and innovations in Engineering and technology field helping the society to make our lives more productive and fruitful for all people class of society across the world.

Dr. Arup Sinha

HOD, EE Department

Participation of Faculty Members in Seminars/Workshops

- ❖ Prof. (Dr) Arup Sinha, HOD, presented a technical paper titled "Importance of Smart Grid Development in India" in an International Conference - ISUW 2020 (India Smart Utility Week 2020) held from 3rd to 7th March 2020 in New Delhi. The paper has been accepted by ISUW.
- ❖ Prof. Swapan Kumar Majumder, TIC, presented a paper titled "Random Grid Based Visual Secret Sharing (2,2) & (3,3)" in an International Conference – ICIEMPS - 2019 held in Kolkata at the Lalit Great Eastern on 23rd & 24th November 2019 organized by the Electrical Engineering Division, WBSC, IEE. The paper got published in the conference proceedings ICIEMP - 2019. ISBN: 978-81-942561-2-0.



Participation of Faculty Members in Conferences

- ❖ Prof. Swapan Kumar Majumder participated in the AICTE sponsored Short Term Training Program on "Environmental Crisis and Sustainable Development" held during 2nd to 7th September 2019 organized by the Department of Chemistry, JIS College of Engineering, Kalyani.



Participation of Students in Seminars/Workshops/Other Events

- ❖ Reshma Khatun, a 2nd year student, participated in an online quiz on cleanliness, sanitization and social distancing organized by IEEI students Chapter Department of ECE & NSS Unit of RKMGEC, Purulia during April 2020.
- ❖ Students of 2nd year participated in a seminar on "Smarter Future with IOT" at Centre for Data Science (CDS), JIS Institute of Advanced Studies and Research (JISIASR) Kolkata on 14th March 2020.
- ❖ Rajrajeswari Bag, Souvik Mondal and Shubhosree Mukherjee, students of 1st year, were selected for participation in the Poster Competition on Science, Technology, Engineering and Management (STEM-2020) organized by Maulana Abul Kalam Azad University of Technology, West Bengal in association with Islamic University of Science & Technology, Jammu & Kashmir on 5th February 2020.



- ❖ Students of 1st and 2nd year participated in the National Science Day - 2020 organized by Maulana Abul Kalam Azad University of Technology, West Bengal on 28th February 2020.



Achievement of Students

- ❖ Aniruddha Dutta, Anamitra Sarkar, Pradip Samanta & Souvik Maity, students of 2nd year, bagged the 3rd prize for their project titled "Wireless Power Transmission System" demonstrated in the National Science Day, 2020 organized by Maulana Abul Kalam Azad University of Technology, West Bengal on 28th February 2020.



Events Organized by the Department

- ❖ A webinar on "Challenges and Opportunities for Electrical Engineering during and in Post Pandemic Situation" was organised by the department on 30th May 2020. The speakers were: Mr. Saibul Kumar Kundu – Associate Partner in IBM India, Prof. (Dr.) Arup Sinha – HOD, EE Dept. and Prof. Swapan Kumar Majumder – TIC, EE Dept.
- ❖ Parent Teacher Interaction Session (PTIS): Like every year, this year too, PTIS was organized on 8th February 2020. To delineate uniqueness, parents were felicitated with roses by their own children. Queries were solved and the interface was open to suggestions which would be implemented in future. Transparency allowed the parents to interact and voice their opinions freely with other Faculty members. The session ended with parents going back home with a secure feeling of a bright future of their wards.



- ❖ Inter College Technical Quiz Contest: An Inter College Technical Quiz Contest 2k19 was organized for the 2nd year students on 31st August 2019 at ODGI. Students of various colleges participated. Prof. Shankar Prasad Ghosh from CEM, Kolaghat graced the chair as Chief Guest of this event. The 1st Prize was bagged by students of College of Engineering & Management, Kolaghat. The aim of the competition was to assess the technical skills and their conceptual knowledge. The competition ended with the Convenor Prof, Swapan Kr Majumder advising the students to be self motivated and devote more time for developing their conceptual knowledge.



Intra College PPT Presentation Contest

The Department organized an Intra-College PPT Presentation Contest – 2K19 on 16th November 2019 at the Institute's 2nd floor seminar hall. The participants were First Year students from all the departments. The ICPPC - 2K19 encompassed the world of elemental engineering. Groups were assigned names of scientists to bring out the unique contribution of our famous scientists. The First prize was bagged by the Sisir Kumar Group and Acharya Prafulla Chandra Roy group and Chanchal Kumar Majumder group were the 1st and 2nd Runner-up respectively. The first of its kind in our college, this competition not only brought out competitive spirit of the students but also enhanced the presentation skills and technical knowledge of students.



Industrial Training & Visit

- An industrial visit was organized for 2nd Year students in a 33/11 KV substation at Uluberia Industrial Growth Centre Birshipur, Howrah on 15th June 2019.



- An Industrial visit was organized for the 1st and 2nd year students at West Bengal State Electricity Distribution Company Limited in Bidhannagar Salt Lake on 9th February 2020. It is a 33KV/11KV receiving end substation having feeder 1 and feeder 2 with underground cable installation. Students familiarized themselves with the major equipments of substation, three 10MVA & two 6.3 MVA transformers, switchgear & protection equipments, essential components like isolators, insulator, busbar, lightning arrestor, instrument transformer etc.



Plan for the Next Academic Session

- To organize Industrial Visits.
- To provide platform for Technical Exhibition.
- To organize Seminars and Inter College Technical Quiz Contest.
- To arrange Parent Teacher Interaction Session.

Participation of Faculty Members in Seminars/Workshops

- Prof. Swarupa Ojha and Prof. Poulomi Das participated in a Webinar on “Psychological Counselling” organized by Maulana Abul Kalam Azad University of Technology, West Bengal in collaboration with Mental Health Foundation, Kolkata on 18th May 2020.
- Prof. Poulomi Das participated in an online Training Program on ‘Examination Reforms’ organized by All India Council of Technical Education (AICTE) from 29th April to 2nd May 2020.

Participation of Faculty Members in Conferences

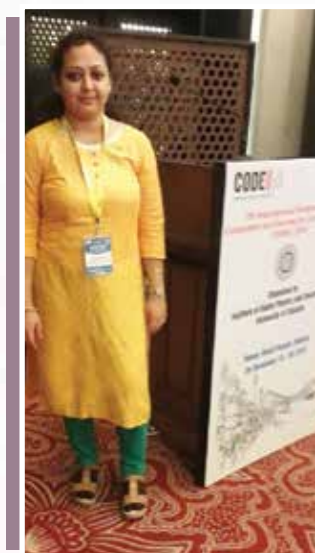
- Prof. Swarupa Ojha participated and presented a paper in 2nd Indian Materials Conclave & 31st Annual General Meeting of Materials Research Society of India (MRSI) at CSIR – Central Glass & Ceramic Research Institute, Kolkata during 11th -14th February 2020.



- Prof. Swarupa Ojha participated and presented a paper in International Conference on “Current Trends in Materials Science and Engineering” (CTMSE 2019) organized by S. N. Bose National Centre for Basic Sciences, Kolkata and Institute of Engineering & Management, Kolkata during 18th - 20th July 2019 at S. N. Bose National Centre for Basic Sciences, Kolkata.
- Prof. Poulomi Das presented a paper titled “Automatic Detection and Classification of Enhanced Brain Tumor using Machine Learning Algorithm” in 7th International Conference on Computers and Devices for communication (CODEC-2019), organized by Institute of Radio Physics and Electronics, University of Calcutta, from 19th -20th December 2019 at Hotel Vivanta, Kolkata, India.

Publication of Research Papers in Journals

- Swarupa Ojha, Madhab Roy, Koyel Bhattacharya, Sanjib Bhattacharya, “AC conductivity and dielectric behaviour of Cu-S-Te chalcogenide glassy system”, Materials Letters, Elsevier 258, 126792, 2020.
- Swarupa Ojha, Madhab Roy, Anil Chamuah, Koyel Bhattacharya, Sanjib Bhattacharya, “Electrical Relaxation Studies of Chalcogenide $x\text{Ag}_2\text{S}-(1-x)(0.5\text{S}-0.5\text{Te})$ Glassy System”, International Journal of Advanced Science and Engineering, Vol.6 No.S2 28-34, 2020, E-ISSN: 2349 5359; P-ISSN: 2454-9967.
- Swarupa Ojha, Madhab Roy, Anil Chamuah, Koyel Bhattacharya, Sanjib Bhattacharya, “Electrical transport of chalcogenide glassy system: interpretation by Hunt’s model and microstructure”, SN Applied Sciences, Springer, 2:838, 2020.
- Poulomi Das, Arpita Das, “Shift invariant extrema-based feature analysis



scheme to discriminate the speculation nature of mammograms”, ISA Transactions, Elsevier, Available online 20 March 2020, Impact Factor- 4.343.

- ❖ Poulomi Das, Arpita Das, “A fast and automated segmentation method for detection of masses using folded kernel based fuzzy c-means clustering algorithm”, Applied Soft Computing, 85, 105775, 2019, Impact Factor- 4.873.
- ❖ Paper titled “Benign and Malignant Tumor Classification of Brain MRI using Machine Learning Algorithm” of Prof. Poulomi Das accepted in International Conference of Advances in Medical Physics and Healthcare Engineering (AMPHE 2020) organized by Department of Physics in collaboration with the School of Engineering and Technology, Adamas University, technically cosponsored by IEEE.

Publications in Book Chapters

S. No.	Title of the Chapter	Author (s)	Book / Publisher details
1	Features of chemical properties of metal oxide glass nanocomposites	Swarupa Ojha	Metal Oxide Glass Nanocomposites, Pages- 147-157, Publishing date – 01/01/2020, ELSEVIER
2	Other applications	Swarupa Ojha	Metal Oxide Glass Nanocomposites, Pages- 279-288, Publishing date – 17/02/2020, ELSEVIER
3	Application of AI for Computer Aided Diagnosis System to Detect Brain Tumor	Rahul Rajak, Poulomi Das , Arpita Das	Accepted in “Handbook of Research on Disease Prediction through Data Analytics and Machine Learning”, IGI Global

Participation of Students in Seminar/Workshop/other Events

- ❖ Rajeswari Das, student of 3rd year, attended a seminar on “How to gain experience and pocket money while in college” organized by Internshala on 15th January 2020.
- ❖ Students of 3rd and 4th year attended a workshop on ‘Humanoid Robotics with IOT’, organized by IIT Kharagpur during 4th – 5th January 2020.
- ❖ Students of the department visited in ‘India International Science Festival 2019’ at Science City on 6th November 2019.



- ❖ Students of 3rd year participated in a workshop on “How to Crack Gate” organized by The Gate Academy on 25th August 2019.

- ❖ Rajeswari Das, a 3rd year student, attended a workshop on “Mobile Governance and Mobile Manufacturing Knowledge” organized by the Department of Information Technology and Electronics, Government of West Bengal in 2019 at Biswa Bangla Convention Centre, New Town, Kolkata.

- ❖ Sunam Banerjee and Monalisa Manna, students of 3rd year, participated in workshop on “The Dynamic of Digital Marketing for Aspiring Entrepreneurs”, organized by Seven Boats Academy on 30th August 2019 at Coca-cola Youth speak forum.

- ❖ All the students of the department celebrated Teachers’ day on 5th Sept 2019 and expressed their gratitude towards faculties and department.

Achievement of Students

- ❖ Olivia Gupta, a student of 3rd year, won 2nd prize in Robotics Competition ‘ROBOMAC 2020’ organized by Centre of Robotics & 3D Printing, Maulana Abul Kalam Azad University of Technology, West Bengal, at the University campus on 24th February 2020



- ❖ Olivia Gupta won 2nd prize for the project titled “Hand Gesture Controlled Wheelchair” in ‘EXPLORA - 2020 - National Science Day’ organized by Maulana Abul Kalam Azad University of Technology, West Bengal on 28th February 2020. This project was uniquely designed for disabled people to continue with daily activities independently.



- ❖ Rajeswari Das became the topper of 5th semester in the college with a SGPA of 9.23



- ❖ Olivia Gupta has been selected for final round in ‘HACKSAGON-2020’, a national level Project competition initiative by ABV-IIITM IEEE Student Branch, ABV-IIITM, IEEE Bombay Section and six other IITs (IIIT Una, IIIT Ranchi, IIIT Lucknow, IIIT Nagpur, IIITDM Kurnool)

Participation of Students in Various Competitions

- ❖ Rajeswari Das, Sunam Banerjee and Monalisa Manna, students of 3rd year, participated and presented their project titled “Ultrasonic Blind Walking Stick” in ‘EXPLORA-2020’, organized by Maulana Abul Kalam Azad University of Technology, West Bengal on 28th February 2020
- ❖ Pratyusha Das and Sumit Malakar, students of 3rd year, participated and presented their project on “An Automatic Attendance system with room light controller” in ‘EXPLORA-2020’, organized by Maulana Abul Kalam Azad University of Technology, West Bengal on 28th February 2020



- ❖ Students of 3rd year participated in 4th Regional Science and Technology Congress (Southern Region), 2019 jointly organized by Department of Science and Technology and Biotechnology, Government of West Bengal and MAKAUT at the University campus during 23rd -24th December 2019



- ❖ Pratyusha Das and Olivia Gupta participated in DST & Texas Instrument India Innovation Challenge Design Contest - 2019 powered by AICTE.
- ❖ Students of 3rd year participated in 'QUIZZARD 2019' – Inter Department Quiz Competition organized in OmDayal Group of Institutions on 20th September 2019.
- ❖ Students of the department participated in the Technical Fest 'VOYAGE 2019' organised by our college on 26th & 27th September 2019.



Industrial Training/Visit/Internship

- ❖ Rajeswari Das and Sumit Malakar completed an internship program on "Cyber Security and Ethical Hacking" at Prudential InfoTech Limited from 20th June 2019 to 30th August 2019.
- ❖ Students of 3rd year completed a 5-day Training course on "Data analysis using R language" at Pursuit Software, Webel Bhavan during 6th -10th February 2020.
- ❖ Sumit Malakar completed a training course of eight months on Basic Computer at Arya Computer Training Centre during July 2019 – February 2020.
- ❖ Industrial training helps the students to build their practical knowledge about the vast field of Electronics. Students of 4th year are given in-plant training from recognized organizations like - IC Design & Fabrication Center - Jadavpur University, MSME, Webskitter Academy, PBA Institute, Prasar Bharati, National Small Industries Corporation Limited (N.S.I.C.), BSNL, Indian Railways etc.

Plan for the Next Academic Session

- ❖ To organize Industrial Visit
- ❖ To organize Seminar & Workshop
- ❖ To conduct extra classes for preparations of GATE & other competitive examinations for the final year students.

Alumni of the Department of 2019 batch



Soumyajoti Mukherjee
Batch: 2019
B.Tech in E.C.E.
Project Engineer in Wipro



Sounak Mondal
Batch: 2019
B.Tech in E.C.E.
Trainee Data Analyst & Business
Intelligence in Embee Software Private
Limited



Debjit Karar
Batch: 2019
B.Tech in E.C.E.
Program Analyst Trainee in
Cognizant



Avik Sarkar
Batch: 2019
B.Tech in E.C.E. Trainee Enterprise
Application-SharePoint in Embee
Software private Limited

Participation in Seminars/Workshops/Conferences

- ❖ Prof. (Dr.) Prosenjit Sen was the Convener of the DST Inspire Science Camp 'Vigyan Manas- VI' from 13th to 17th January 2020 at the OGI college campus.



- ❖ Prof. Debojyoti Lahari, Coordinator of Examination Committee, attended a workshop at Maulana Abul Kalam Azad University, Salt Lake Campus on 26th September 2019 regarding Continuous Assessment, New Exam Regulations and Digital Evaluation System.
- ❖ Prof. Debojyoti Lahari participated in an online Training Program on 'Examination Reforms' organized by All India Council of Technical Education (AICTE) from 29th April to 2nd May 2020.
- ❖ Prof. Debojyoti Lahari participated in an online Faculty Development Program On "Fuzzy Sets and Systems" organized by Patrician College of Arts and Science, Chennai on 16th May 2020.

Publications in Journals

- ❖ Prosenjit Sen, Alakes Maiti and G. P. Samanta, "A competition model with herd behaviour and Allee effect", Filomat, 33(8), 2529–2542, 2019

Seminar /Workshop organised by the Department

The Department organised a Poster Presentation Competition to celebrate the national Science Day on 28th February 2020. Students of B. Tech 1st Year took part in the programme.



Plans for Next Academic Session

- ❖ To promote the departmental research in the field of Mathematics.
- ❖ To organize seminars and relevant workshops to make the students aware of application of Mathematics in Engineering

Participation in Seminars/Workshops/Conferences of faculty members

- ❖ Prof. Pranab Biswas attended Faculty Development Programme on 'Student Induction' at Sister Nivedita University, Kolkata from 18th to 20th July 2019
- ❖ Prof. Pranab Biswas delivered a 3 hours motivational talk for the newly admitted engineering students as a part of college induction programme
- ❖ Prof. Arghya Dey attended Faculty Development Program on 'Student Induction' conducted by AICTE at IIT Mandi, Mandi, Himachal Pradesh from 30th June to 6th July 2019
- ❖ Prof. Arghya Dey being Assistant Coordinator of the Institute Induction Program Cell (IIPC) helped to organize Student Induction program for 1st year newly admitted students from 2nd August to 22nd August 2019
- ❖ Prof. Arghya Dey acted as the treasurer in DST (Govt. of India) sponsored INSPIRE Science Camp
- ❖ Prof. Arghya Dey participated in an online Training Program on 'Examination Reforms' organized by All India Council of Technical Education (AICTE) from 29th April to 2nd May 2020.

Plans for Next Academic Session

All academic plans submitted with an appeal to have a regulation, will be reviewed at the end of the academic year, following the return. It is expected to demonstrate accountability by following on the particulars in the academic plan.

- ❖ To adopt appropriate academic plans for better academic results based on the course.
- ❖ To organise workshop on "Engineering thought based on knowledge of Science"
- ❖ To motivate students on regular basis through seminars, talks etc. as instructed by AICTE and NAAC.

Ultimately, the Department hopes to see the academic success that the carefully crafted academic plan has set out.

Participation of Faculty Members in Seminars/Workshops

- ❖ Dr. Sukanya Das Chandra attended NPTEL SPOC Workshop (East Zone) organized by IIT Kharagpur on 1st February 2020 at Royal Bengal Rooms, City Centre-1, Salt Lake City, Kolkata - 700 064
- ❖ Dr. Sukanya Das Chandra attended NPTEL SPOC Workshop (East Zone) organized by IIT Kharagpur on 27th July 2019 at East Side Pavillion, HM Block, Sector IV, Salt Lake, Kolkata – 700106



Faculty Achievement

Dr. Sukanya Das Chandra has been awarded certificate for being the Active SPOC of Active Local Chapter of NPTEL for the session Jul-Dec 2019

Plans for the 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 a greater number of syllabus oriented seminar from students.

Participation of Faculty Members in Conferences/Seminars/Workshops

- ❖ Prof. Monita Mitra, TIC, presented a paper titled “Evolving Perspectives of Globalization and Socio Cultural Changes- A study of the Tribal Women of West Bengal” at the International Conference on ‘Global Environment & Human Existence: Changes and Challenges’ in Lucknow on 7th & 8th September 2019.
- ❖ Prof. Monita Mitra presented a paper titled “Social Inclusion and Equity in Education as envisaged by Swami Vivekananda - Its applicability in 21st century” on 12th January 2020 at the One Day Seminar on ‘Perspective of Inclusion: Swami Vivekananda and Sister Nivedita’ organized by the School of Education - Netaji Subhas Open University and IIMCW.
- ❖ Prof. Monita Mitra presented a paper titled “Facilitating Faculty Development Programmes for Engineering College teachers through NPTEL courses” at a Three-Day International Conference in Education in the 21st Century organized by NCERT, RIE, Bhubaneswar from 21st-23rd February 2020.



- ❖ Prof. Monita Mitra attended an 8 week NPTEL Faculty Development Programme in ‘Ethics in Engineering’ from IIT, Kharagpur from August to October 2019.
- ❖ Prof. Monita Mitra attended a Three Day FDP on Student Induction Programme organized by AICTE at Sister Nivedita University from 18th to 20th July 2019.
- ❖ Prof. Monita Mitra attended a Six Day Online FDP on “Emotional Intelligence” organized by ICT Academy, Chennai from 29th April to 5th May 2020.
- ❖ Prof. Monita Mitra attended a One Day CII- Higher Education Conclave on “Impact of Disruptive Technologies on Higher Education” organized by CII Eastern Region on 17th August 2019 at ITC Sonar Bangla.
- ❖ Prof Monita Mitra presented a paper titled, “The Flipped Classroom- An Effective Way of Teaching Language To Engineering Students During The Virtual Era” at the National Webinar on, “The Future of Language and Literature in the Virtual Era” organized by Mithibai College, Mumbai on 16th May, 2020.
- ❖ Prof. Monita Mitra participated in a Webinar on “Psychological Counselling” organized by Maulana Abul Kalam Azad University of Technology, West Bengal in collaboration with Mental Health Foundation, Kolkata on 18th May 2020.

Publication of Research Papers in Journals

- ❖ Prof. Monita Mitra, "From theory to practice -Making teacher training courses more realistic" NSOU-Open Journal of School of Professional Studies- 2nd Issue (July 2019) ISBN: 2581-5415.

Mentorship

- ❖ Prof. Monita Mitra mentored the First Year B.Tech students for Two NPTEL IIT courses namely 'Ethics in Engineering' and 'Enhancing Personality and Developing Soft Skills'.

Plans for the Next Academic Session

- ❖ To familiarize students with the concept of Corporate Social Responsibility by liaising with an NGO
- ❖ To organize a multidisciplinary Seminar on Management and Language Learning
- ❖ To encourage students develop entrepreneurial skills and Innovative business plans and write research papers

TECH FEST - VOYAGE 2019

'Imagine, Innovate, Invent and Inspire' - keeping this motto in mind to showcase their talents, the engineering students of OmDayal Group of Institutions organized the 4th Tech Fest VOYAGE-2019 on 26th and 27th September 2019 in the college campus. As every year the Two-Day Tech Fest was organized by the Internal Quality Assurance Cell (IQAC) to bring out the innovative and creative talent of the B. Tech students. Around 90 students from all the Engineering departments enthusiastically participated in this mega event of the year. To commemorate the 200th Birth Anniversary of Ishwar Chandra Vidyasagar, the great polymath. Floral tributes were also offered.



The Chief Guest of the Tech Fest was Prof. Anupam Basu, Director of NIT Durgapur was felicitated with a floral bouquet and a memento. The Secretary of OmDayal Educational and Research Society, Mr. Alok Tibrewal along with other dignitaries from industries graced the Tech Fest.



Under the guidance of their teachers, the students made a stunning display of their innovative projects and models based on concepts from all domains of engineering. The Chief Guest Prof. Anupam Basu stressed on the need of doing more research and thinking out of the box. He applauded the students' efforts and the innovativeness of their projects keeping in mind the future of mankind and suggested ways to improve their projects. The Vice Principal Prof. (Dr.) Prosenjit Sen appreciated the efforts of the students and motivated them.



Around 160 students from 10 reputed schools in and around Kolkata & Howrah like Delhi Public School Ruby Park, Bagnan High School, Mugkalyan High School and Uluberia High School visited the Tech Exhibition and were overwhelmed by the exhibits asking a lot of questions to the students. The Alumni were also invited, who motivated the juniors with their presence.

Several eminent guests from the field of engineering and education visited the Fest and gave valuable inputs to the students. Some outstanding projects were Wi-Fi Controlled Wireless Radar, Face Detection Security System using Raspberry Pi, Fingerprint Based ATM System, Robot using Raspberry Pi, Smart Traffic Signal, Base Isolation, Rainwater Harvesting, Hand Gesture Controlled Wheelchair, IoT based Health Monitoring System, Automatic Attendance System, Wireless Power Transmission System, Automatic Drain Cleaner, Stair Climbing Car, Hands Free Water Dispenser. Trophies and Certificates were distributed to the participating students.



INDUCTION PROGRAMME - 2019

As per the guidelines issued by AICTE, a three-week Student Induction Programme was held at OGI campus for the newly admitted first year students during 2nd - 22nd August 2019 organized by the Institute Induction Programme Cell (IIPC). This programme was conducted to acclimatize students with the new college environment facilitate and inculcate in them the ethos of the institution with a sense of larger purpose. It started with the Orientation Programme in which students with their guardians appeared with great eagerness. Prof. Kalyan Mukherjee delivered the Welcome speech in the presence of Mr. Alok Tibrewal - Honorable Secretary, OmDayal Educational & Research Society, Vice Principal, HODs of all departments and other dignitaries. He motivated them by sharing his experiences. The chief guest of the programme Mr. Palash Bhowmik, HOD, Training, NSIC, Howrah, congratulated the students and told them to have a fixed goal in life and to work diligently with dedication and loyalty. The day ended with a valuable speech by Dr. Prosenjit Sen where he interacted with the students and guardians, familiarizing the students with the Curriculum & Examination system.



The Induction Programme covered various activity modules including Physical activity, Familiarization to Engineering, Personality development, Communication Skills and human values enabling the students to find their interest areas, introspecting to become self directed and self motivated to perform well in their chosen branch of Engineering.

Activity covered in the Three-Week Student Induction Programme:

- ❖ Visits to the different Departments, Laboratories and Central Library to familiarize with academic environment
- ❖ Bridge classes in English, Mathematics and Science Courses
- ❖ Developing Computer Skills - Training in MS Word, PowerPoint, Excel and others
- ❖ Industrial Visits - Visit to different industries located in Uluberia Growth Centre
- ❖ Skill Development - Performance and Employability sessions
- ❖ Sessions on Human Values through documentary and short films. Creative arts and Yoga sessions
- ❖ Mentoring which involved interaction with respective Mentors
- ❖ Expert lectures on various topics
- ❖ Physical activities such as indoor games, sports, gym session

- ❖ Imbibing Societal Values - Visits to nearby village ("Sarat Chandra Kuthi", Deulti - noted for being the house of Bengali novelist, Sarat Chandra Chattopadhyay)
- ❖ Inculcating Environmental Awareness and developing patriotic ethos - Celebration of Independence Day and Tree Plantation program

The three-week programme ended with huge recognition and enjoyment showed by the students. It helped them to build bonds with other students and faculty members, practice human values to build character and expose them to a sense of larger purpose and self-exploration.



DST INSPIRE SCIENCE CAMP

The Five-Day DST, INSPIRE programme was organized by Internal Quality Assurance Cell (IQAC) of OmDayal Group of Institutions (OGI) under the aegis of DST, Government of India from 13th to 17th January 2020 at the OGI college campus. The objective was to inspire and encourage students who are on the threshold of choosing their course of study. Furthermore, the aim of the Camp was to build a strong scientific temper for future innovations and creations in our country. The camp was sponsored by the Department of Science



& Technology (DST), Government of India. Students who were toppers in science subjects were given the opportunity to learn and interact with eminent scientists and mentors through lectures, projects, competitions, educational tour and lab visits. Around 185 students and Science teachers from different schools were invited to participate in the Camp.

The Programme began with Welcome Address given by the Convenor, Dr. Prosenjit Sen, Vice Principal, OGI. The Chief Guest of the INSPIRE Camp, Prof. Sukumar Das Adhikari of Ramkrishna Mission Educational and Research Institute inaugurated the programme by Lighting of the Lamp. He stressed on the need of training the young minds and inculcating a love for science in their young minds. He urged the teachers to nurture such talents so that students make useful contributions towards national growth. The Science Camp witnessed a conglomeration of eminent scientists, stalwart speakers and doctors who were from different fields of Mathematics, Chemistry, Physics, Biology, Earth Science and Medicine. Among the plethora of experts were Dr. D. P. Duari - Director of M.P.Birla Planetarium, Dr. Partho Chakroborti - Principal Scientist of CSIR, Prof. Sukumar Das Adhikari

- Ramkrishna Mission Educational and Research Institute, Dr. Tapas Kumar Gangopadhyay - IEST, Prof. Raja Pal - IACS, Dr. Alakes Maity - Vidyasagar Metropolitan College, Dr. Debojoti Ghoshal - Jadavpur University, Sk. Rabiul Haque - Advisor, Agrohorti & Dr. Tarit Roychowdhury - Jadavpur University.

The speakers enlightened the audience with their talks and presentations peppering it with humour and real-life anecdotes. After each session, the Question Answer round gave an insight to the inquisitive mind of the students who were full of queries thirsting for more. Each speaker supplemented their talks with wonderful audiovisuals which were shown on the big screen. The most exciting part was the Lab experiments which were hands-on. The interactive sessions with the mentors provided a platform to the students to clear their concepts. Students enjoyed the Quiz Competition, 'Quissance' whereby they exhibited their competitive spirit and each student tried to excel each other. Some of the highlights of the Camp were creating awareness in environmental concerns, importance of growing organic plants, how to reduce Diabetes and Obesity amongst students.



Another interesting facet of the Camp was the gifts that were distributed to the students each day. Each student received a school bag, books, calculator and writing material. Everyday breakfast, lunch and tea were served to all the invitees. Teachers of the college extended their full support and co-operation by making the speakers, students and other invitees comfortable to make the Camp a success.



The Five-day programme culminated with the Prize giving ceremony and the Vote of thanks by the Organizing Secretary, Dr. Sukanya Das Chandra. She thanked one and all, especially acknowledging the wholehearted efforts of the Committee members to make the programme a grand success. Students and teachers took back home an enriching experience.



FRESHER'S WELCOME – PARICHAY 2019

OmDayal Group of Institutions organized its Fresher's Welcome Program, 'Parichay – 2019' at Rabindra Bhawan, Uluberia on 11th November 2019. The entire programme was perfectly organized by the second-year students of the college under the supervision of the teachers. The programme started



with the lighting of the lamp by our respected Vice Principal and the HODs of all the Departments. The first year students were welcomed by the second year students with a rose and a pen. The students of our college proved their outstanding talent in many activities like singing, dancing, drama, mimicry recitation etc. Some teachers also took part in recitation and other

activities. The event of Mr. and Ms. Fresher was outstanding. The Uluberia Municipal Corporation extended their helping hand in the successful completion of the programme.



TREE PLANTATION

With a pledge to save the environment, the Faculty members, Technical Assistants, Staff and students of OmDayal Group of Institutions organized a Tree Plantation drive on 15th August 2019 on the occasion of Independence Day. After the Independence Day celebrations, the Tree plantation ceremony began with planting of saplings by students and teachers. More than twenty trees were planted with the help of the gardener who gave useful tips on how to nurture the plants. Everyone present took a vow of planting trees to reduce global warming.

The aim of the event was to contribute our bit in the Go clean Go green initiative and to make the students aware about the importance of tree plantation and its effect in saving the environment.



INDIAN CONSTITUTION DAY

In order to commemorate the 71st year of the Constitution Day, OGI organized a variety of events on 26th November 2019. Floral tribute was offered to Dr. B. R. Ambedkar, the Architect of the Indian Constitution who played a seminal role in the framing of the Indian Constitution as the Chairman of the Drafting Committee of Constituent Assembly. Various events like Group Presentations, Poster Making Competition, Debate competition, Mock Parliament and information lecture concerning the Constitution of India was conducted. The series of events went underway in the presence of Vice Principal, Prof. (Dr.) Prosenjit Sen and Dr. Sukanya Das Chandra, NSS Committee member, who spearheaded the mass reading of preamble early in the morning. Following this, an awareness session and a mock parliament drill were organized. An essay competition was organized on the topic "Role of Governor in the Indian Federal System". Subsequently, the Poster-making and Debate Competitions were held. The topic of the Debate "Should capital punishment be abolished" brought out the nationalist spirit amongst the students. The second half of the day witnessed interesting group presentations where students presented topics on various aspects of the constitution on 'Capital Punishment', 'Fundamental Rights and Duties of citizens' and 'The role of Chief judiciary'. The most interesting part was the Mock Parliament where the 2nd and 3rd year students participated with great enthusiasm. On this occasion, the students expressed their views and highlighted the importance of Constitution, its inception and adoption. The posters were put up on the Boards for everyone to see. Faculty members encouraged the students by viewing all the charts and enquiring about each aspect put up by them.



NATIONAL UNITY DAY

Every year Rashtriya Ekta Diwas or National Unity Day which commemorates the birth anniversary of Sardar Vallabhbhai Patel is celebrated with great zeal and zest on 31st October. Known as the Iron Man of India, he played a key role in uniting and integrating India. The Vice Principal Dr. Prosenjit Sen along with the NSS committee member Dr. Sukanya Das Chandra offered floral tributes to the photo of Vallabhbhai Patel. A pledge to mark the National Unity Day was sworn in by the students and faculty members with the aim to foster, reinforce, preserve and strengthen unity, integrity and security of the nation. In order to pay homage to the great patriot and to acquaint the students with his ideology and teachings, a debate competition on 'Is ideology of Sardar Vallabhbhai Patel relevant in the present era?' was organized. The Vice Principal made the students aware of their responsibilities as citizens of India and how national integrity helps in defeating the actual and potential threats for unity, integrity and security of the nation.



JAL DIWAS

Just like the rest of the country OmDayal Group of Institutions celebrated 'JAL DIWAS' on 22nd July 2019. The aim of the program was to make the students aware about the importance and need of conservation of water. An awareness seminar was organized which showcased the importance of water in various field of life including the environment, health, agriculture and trade. The lecture session also focused on making the students aware of the benefits of conservation of water and also on the different techniques adopted for conservation. Special emphasis was given on the need of minimizing water use, wastage at different levels and on the reuse of waste water. A video on conservation of water was also shown to the students. The students also interacted after the seminar and vowed to promote water conservation in community.



ANNUAL SPORTS

OmDayal Group of Institutions organized Annual Sports on 6th & 7th March 2020. The outdoor games were held at the Nabasan Sports Academy, Bagnan and the indoor activities took place at the college campus. Prof. Swapan Kumar Majumder was the Coordinator of the event. Day-1 was allotted for Cricket, Table Tennis (Men's & Women's Singles) & Carrom (Men's & Women's Doubles). Day-2 events were Football, Badminton (Men's & Women's Doubles) and Chess (open to all). The outdoor events attracted a lot of enthusiastic students who cheered for their own departments all in a chorus. The momentum and excitement reached a crescendo at the Final matches for the events. Simultaneously the Indoor events, which were being conducted in a very professional manner by the events' In Charges, also had cheering students as spectators. The Coordinator coordinated all the events very well along with his support group which bore fruit when the champions were announced.



The Champions of the Annual Sports

❖ CRICKET

Champion: CSE; **Runner up:** ME
Man of the Tournament: Suman Acharya ME, 2nd Year)



❖ FOOTBALL

Champion: ME; **Runner up:** ECE-EE;
Joint Man of the Tournament: Sujan Adak (ME, 4th Yr) & Krishanu Porey (EE, 2nd Yr)



❖ **BADMINTON**

Men's' Winner: Arijit Adhikary (CSE, 3rd Yr) & Hrithik Sharma (CSE, 2nd Yr)
Men's' Runner Up: Oishik Sinha (CSE, 2nd Yr) & Koushik Sen (CE, 2nd Yr)
Women's' Winner: Rangoli Mishra (CSE, 2nd Yr) & Sanjukta Koley (CE, 3rd Yr)
Women's' Runner Up: Diya Dey (CSE, 3rd Yr) & Archi Choudhary (CSE, 1st Yr)

❖ **TABLE TENNIS**

Men's Winner: Abhirup Chatterjee (CSE, 3rd Yr); Men's Runner Up: Sayan Saha (CSE, 4th Yr)
Women's Winner: Sanjukta Koley (CE, 3rd Yr); Women's Runner up: Archi Choudhury (CSE, 1st Yr)

❖ **CARROM**

Mens' Winner: Arijit Adhikary & Kazi Afridi (CSE, 3rd Yr)
Mens' Runner Up: Souvik Sikdar & Pallab Das (ME, 2nd Yr)
Womens' Winner: Rupdeepa Ghosh & Sonam Chowdhury (CSE, 2nd Yr)
Womens' Runner Up: Olivia Gupta & Pratyusha Das (ECE, 3rd Yr)

❖ **CHESS**

Winner: Tanmay Samanta (CSE, 4th Yr); Runner up: Subham Sahu (CSE, 4th Yr)



'Intelligence is the ability to adapt to change'-Stephen Hawking

The Covid-19 pandemic has hit hard not only the economy, but has left the educational sector too in a dilemma. March onwards was a crucial time for both students and teachers for all educational institutions; especially for higher learning. Just like other institutions, there was anxiety in the minds of students and teachers as to how do we carry out teaching, learning and evaluation during this lockdown period. This was 'food for thought' to relook into the pedagogies of Teaching-Learning-Evaluation, governing our education system. To combat this chaotic situation UGC, AICTE and MAKAUT came up with alternative methods of imparting continuing education. OmDayal Group of Institutions has put together a contingency plan in which the faculty and staff are working towards ensuring a seamless transformation to digital/online learning via technology solutions like Zoom, Skype and Google Classroom.

The Paradigm Shift In The Teaching Learning process

In this period of lockdown, we needed to focus on 'online teaching-learning'. For this, we at OGI started taking regular classes using the SKYPE and ZOOM platforms in a structured way. The Google classroom was used to give Assignments, lecture videos and other resource materials. The aim was to simplify creating, distributing, and grading assignments in a paperless way. The primary purpose for us, teachers at OGI to use the Google Classroom was to streamline the process of sharing files between teachers and students. We were able to engage students in the learning process more constructively as resources included PowerPoint presentations of topics taught (lecture wise), Free animation Videos web links to open course ware, links to journals or e-Books related to the topic taught etc. The audio and video offered an optimal learning experience. On each PowerPoint presentation / lecture / video / any resource provided by us, we gave them a set of 'problem based learning' questions. Students learnt by going through all the resources as the responsibility of learning was now shifted on to the students.

This kind of student centric teaching-learning would not only help students to retain the information for a longer period in their memory, but also enable them to critically analyze and evaluate things. This sort of self learning phase gives them the independence to take control over their learning and this can boost their confidence level. MCQ Tests and oral tests were taken as a formative evaluation. Apart from this students were encouraged to keep themselves engaged by enrolling for courses through the SWAYAM platform of free courses through Coursera.

Our Vice Principal, Dr. Prosenjit Sen has been a continuous source for providing resource links for Internships, Digital Learning and access to digital library for students. Furthermore he has been making continuous efforts to provide for Online Faculty Development programmes for teachers to update their knowledge and acquaint themselves with the latest pedagogies of teaching learning.

This is a time for all teachers to unleash their innovative side and come up with ways to continue teaching, learning and assessments by online means. We only need to have the right attitude and start innovating rather than despairing.

Inputs by- **Monita Mitra**

Co- editor
TIC, Humanities



I appreciate the opportunity that has been given to allow me to reach my full potential at OmDayal Group of Institutions. The CSE Faculty has reminded me that anything is possible if I continue persisting, striving for excellence. The Teachers have encouraged me, even more, to continue to work hard so that I am able to reach my goals. At present I am working at weDevs, Bangladesh.

Cupid Chakma
CSE, Year of Passing: 2019



OmDayal Group of Institutions is where the foundation of my career was laid. It's a place where I not only became an Engineer but also became ready to face the competition of the professional world. I express my heartfelt gratitude to all the Professors of the college who passed on their valuable knowledge to us and made us who we are today. I wish all the best to the current students and hope that the institution reaches far greater heights and makes us even more proud in the future. I'm currently working at Bechtel, Gurgaon as Project Control Engineer.

Supriyo Dutta
CE, Year of Passing: 2015

I am grateful to 'OmDayal Group of Institutions' for providing us education in such a college which stands out to be one of the best in India in terms of infrastructure and facilities. In the academic front, our ME department professors were always helpful in getting our concepts cleared for all important topics in the most interesting manner and also shared their valuable experiences in their respective fields. The college also gave us adequate training to develop our soft skills, communication skills and personality

Abhik Verma
ME, Year of Passing: 2015



I'm very thankful to my college for making me come across such wonderfully educated professionals, good friends and amazing memories to cherish for the rest of my life. I'm currently working at Wipro Technologies since October 2019 as Project Engineer. In Wipro, I'm working on Application and Operations Securities. My journey in Wipro so far has been very exciting and knowledgeable development.

Soumyajoti Mukherjee
ECE, Year of Passing: 2019

OmDayal Group of Institutions have given me the right platform to learn and realize the basics of my undergrad course. The interaction with the faculty, their valuable support and the diversity of my peer group was remarkable. The overall experience was invigorating. Presently working at Nina Percept Waterproofing as Assistant Manager (Eastern Region).

Bhen Prakash
CE, Year of Passing: 2015



I am lucky to have been guided and mentored by the faculties of ODGI who were a constant source of support and inspiration to me. I owe my success in getting a job to my teachers who have instilled in me confidence and determination. Presently I am working as a Quality Control Engineer in Ceratizit India Pvt Ltd. Simultaneously I am pursuing part time PGDM from IMT Ghaziabad.

Deepanjan Dey
ME, Year of Passing: 2018



OmDayal Group of Institutions gave me a lot in my four years of Bachelor study. I owe my deep gratitude and regards to the faculty members in helping me making a successful journey throughout. The foundation of my concepts in engineering was firmly laid by my teachers in college. Presently I am pursuing M.S. in Information and Communication Systems and University Chemnitz, Germany.

Sukrita Srivastava
ECE, Year of Passing: 2015

I am currently pursuing MSc in Sustainable Cities at the University of Leeds and completed my undergraduate from OmDayal Group of Institutions in Civil Engineering. OGI has been one of my best experiences so far and I'm thankful to the college for making me come across such wonderful and amazing teachers and friends!

Tasneem Ali
CE, Year of Passing: 2019



My study of B.Tech in Computers at OGI was my best period in life. It brought clarity of my thoughts, knowledge. It gave me the courage and conviction to achieve my goals. Today my job as a web designer at Infosys, Bangalore has been due to the quality of teachers and their friendly attitude and the knowledge that I gathered from them.

Soumyasri Gorai
CSE, Year of Passing: 2019



The four years at OGI were memorable. I had a great time studying here. The knowledge, skills and experience gathered while attending lectures and participating in various extracurricular activities and competitions like robotics, coding was essential for me to grow as an individual. The faculty members were very helpful and supportive throughout. Thanks to their support and guidance, I was able to obtain more than one placement opportunity in final year. Currently I am working as a Developer Consultant at Maialearning. I would like to thank OGI for opening doors to so many opportunities and for setting me up for the professional life.

Arka Bhowmick
CSE, Year of Passing: 2018

EDITORIAL BOARD

Om Craft (Volume 5) 2020

Editor	Prof. Swarupa Ojha
Co-Editor	Prof. Monita Mitra
Members	Prof. Poulomi Das
	Prof. Anupam Ghosh
	Prof. Indrani Mukherjee
	Prof. Dipanjan Datta
	Mr. Debashish Banerjee
Advisory Body	Prof. (Dr.) Prosenjit Sen
	Prof. Gautam Bondyopadhyay
	Prof. Dipankar Hazra
	Prof. Ramen Kanti De
	Prof. Swapan Majumder
	Ms. Sudeshna Seal

UPCOMING EVENT

Tech Fest – ‘VOYAGE -2020’

Date to be announced soon



OmDayal Group of Institutions

Engineering College

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

Plot No.38(P), 38(A), 39(P) & 39(A), Uluberia Industrial Growth Centre
Birshibpur (Near Birshibpur Railway Station), Dist. Howrah 711 316, West Bengal, India
Ph: +91 33- 7130 0253 / 66445054

City Office

12, Park Street, Queens Mansion Gate, No. 4, Flat No. 40, 3rd Floor
Kolkata 700071, West Bengal, India, M: 033 7130 0211