Annual Placement Report 22-23

Don Bosco College of Engineering
Training & Placement Cell
July 2022 - June 2023

VISION

To deliver competent and skilled resources to face the challenges of a global industry

MISSION

- ❖ Design training programs for continuous development of Staff and Students
- ❖ Offer guidance on career development, resume building and interview skills
- ❖ Needs assessment of the corporate world through partnerships with all the stakeholders
- ❖ Obtain feedback from industries and corporates
- ❖ Secure challenging job opportunities
- ❖ Create a culture of continuous development and self-learning

Contents

1. Activities

1. The Training and Placement Cell of Don Bosco College of Engineering organized a talk on the topic 'Career in Engineering'. This event targeted prospective students of class 10th, 11th, 12th as well as diploma and their parents. The objective of the talk was to help aspiring students in choosing the right branch of engineering and also making them aware of the admission process at the Directorate of technical Education (DTE) for engineering colleges. The talk was conducted in Auditorium on 18th June 2022 from 10:00 AM to 12:30 PM. Ms. Christina Barretto, the moderator of the event gave a brief introduction to the event. Dr. Neena Panandikar, the Principal welcomed all the guests to the event. Director, Fr. Kinley D'Cruz and gave brief information about Salesian Society of Don Bosco and its founder. Ms. Alfiya Baig gave an overview of various popular Engineering disciplines and gave related information about how to choose a domain of engineering. Prof. Swapnil Ramani gave a detailed explanation of the admission process that is conducted by DTE in Goa. After the speakers finished there was a question-answer session which was moderated by Ms. Christina Barretto. After the Q&A session, Prof. Avila Naik gave vote of thanks to Director, Principal and speakers who helped to make the session a successful event. She also thanked the participants for making the event a huge success.

2. Training and Placement Cell and Department of Science & Humanities of Don Bosco College of Engineering organized a session on Computer Engineering: Explore

the Roles and Technologies on October 26, 2022, for First Year Computer Engineering Students. The main purpose of the event was to create awareness among students of the varied roles and technologies prevalent in the industry today in Computer Engineering. The resource person Samuel Crasto, Alumnus, Batch 2019, Computer Engineering & Technical Lead at CITRIX R&D India Pvt. Ltd. narrated his academic journey at Don Bosco College of Engineering. The event was organized by Dr Kala Nayak – Head of Department, Science & Humanities and Ms. Avila Naik-Training and Placement Officer.

3. Don Bosco College of Engineering, Fatorda, Goa in its ongoing endeavor to enhance the quality of education for its students has spread its wings further by signing the Memorandum of Agreement (MoA) with the prestigious Binghamton University, New York. The MoA signed between the two institutions of repute on Wednesday, October 12, 2022 establishes a formal mutually rewarding collaborative relationship and academic partnership. Both the institutions have agreed upon creating a specific foundation to encourage exchange and sharing of academic, scientific, and cultural experiences amongst their Professors, Students, and Administrative Personnel. The MoA was signed between Fr. Kinley D'Cruz- Director, Dr. Neena Panandikar- Principal from Don Bosco College of Engineering, Goa India, and Dr. Krishnaswami Srihari-Dean, Thomas J Watson School of Engineering and Applied Sciences from Binghamton University, New York, US in the presence of Fr. Ralin D'Souza – Rector, Don Bosco Fatorda, Heads of the Departments, MoU

Faculty Coordinators, Training & Placement Officer (TPO) and Students. Dr. Neena Panandikar, welcomed Dr Krishnaswami Srihari and thanked him for connecting with the Institute for this collaboration. Fr. Kinley D'Cruz appreciated Binghamton University for this collaboration and have assured that this will be a lifelong association between Don Bosco College of Engineering and Binghamton University . Fr. Ralin D'Souza spoke about three aspects of this MoA – 1. It narrates the history of these two Institutions, 2. Both these Institutions have a lot to share, 3. During the way forward discussion, a lot of questions were asked by the faculty and students. The event was compered by Christina Barretto and the event was managed by Avila Naik, TPO and Dr. Shreyas Simu, Assistant TPO.

4. Training and Placement Cell and Department of Science & Humanities of Don Bosco College of Engineering organized a session on Innovation in Civil Engineering on November 07, 2022, for First Year Civil Engineering Students. The main purpose of the session was to create awareness among students of civil engineering the innovations across all regions and countries and the marvels in the civil world. The resource person Dr. Neena Panandikar, Principal & Professor, Civil Engineering, Don Bosco College of Engineering spoke about the various innovation in civil engineering. The cutting-edge technologies in construction are drastically changing and the industry operates as per the new trends in civil engineering. The event was organized by Dr. Kala Nayak, HOD, Science & Humanities and Avila Naik, and Avila Naik, Training and Placement Officer.

5. Don Bosco College of Engineering (DBCE), Fatorda, Goa in its ongoing endeavor to enhance the quality of education for its students has spread its wings further by signing the Memorandum of Agreement (MoA) with the prestigious Binghamton University, New York. The first talk under this series was by Dr. Hiroki Sayama, Professor, Department of Systems Science and Industrial Engineering, and the Director of the Center for Collective Dynamics of Complex Systems (CoCo), at Binghamton University, State University of New York, USA on the topic 'Overview of Artificial Intelligence and Machine Learning'. Avila Naik, Liaison Officer – DBCE and Binghamton and Training & Placement Officer, DBCE introduced Dr. Hiroki Sayama to the participants. In the first session on 'Basics of Artificial Intelligence and Machine Intelligence – Historical Background and Current Developments', Prof. Sayama spoke about the origin of Artificial Intelligence, Turing Machine and Turing Test, Modern Artificial Neural Networks, Cybernetics, AI Winters, Relevance of Statistics and Data Analytics, Regression, Optimization, Machine Learning, Artificial Neural Networks, Deep Learning, etc. In the second session on 'Limitations of Current AI/MI and what are needed for today's complex problem solving' he spoke about Mechanistic Modeling of Complex Social Systems, Models in Data Science and AI and presented two case studies on COVID-19 Response Planning; and Exploration of Society: As-It-Could-B. In the third session on Binghamton University and the Department of Systems Science and Industrial Engineering, he mentioned, "Systems thinking and problem-solving skills will be an invaluable asset when you blaze a new trail in any scientific, engineering,

business, or management profession, within today's increasingly complex world." In the Q&A session, there were a lot of questions put forward by the students, staff, and other participants. The talk ended with Ms. Avila proposing a vote of thanks to the speaker, management, staff, students, and participants. Fr. Kinley D'Cruz, Director, DBCE presented Prof. Sayama with a memento as a token of appreciation. Dr. Neena Panandikar expressed contentment over the success of this event.

6. The Training and Placement Cell of Don Bosco College of Engineering, Goa organized a webinar on "GRE & TOEFL" for the students on 22nd December, 2022 from 4.00 pm to 5.00 pm on Zoom platform. The event was hosted by Dr. Shreyas Simu, Asst. TPO. Miss. Sarika Balchandani, Regional Manager (West India) ETS India Resource Centre managed by DP Cube Learning was the speaker for the session. Dr. Shreyas Simu welcomed the gathering and also introduced the guest for the session. Miss. Sarika spoke about the following: Detailed description of the TOEFL exam structure, Detailed description of language skills Listening/Reading/Writing/Speaking, Details about GRE exam structure, Tips and strategies to crack TOEFL and GRE exams. She said "TOEFL is accepted and preferred worldwide for admissions by top universities". There was a small test held by speaker wherein all the participants answered the questions. Few students had doubts regarding the exams which were cleared by the speaker. The speaker was thanked by Dr. Shreyas Simu for her valuable time and in depth explanation about GRE & TOEFL exams.

7. The Training and Placement Cell of Don Bosco College of Engineering organized a session on 'Career in Engineering' on Saturday, 04 February 2023 for the XI and XII class students from Carmel Higher Secondary School. Nuvem. Mr. Yeshudas Muttu, Assistant Professor, Electronics & Computer Science gave an overview on the various options for an engineer. He also presented a glimpse of Electronics & Computer Science to the prospective students. Mr. Ajit Salunke, HOD, Mechanical Engineering explained the various specializations under the umbrella of Mechanical Engineering. He said, "There is a lot of scope for girls in mechanical domain." Dr. Vivek Jog, Associate Professor, Computer Engineering spoke of Data Science, Artificial Intelligence, and the Machine Learning as the buzzwords in the engineering. Dr. Shwetha, HOD, Civil Engineering expressed the varied roles and career path for the civil engineers. Ms. Risha Hegde, Community Manager, FiiRE and Mr. Kirran Mehta, Head, Incubation, and Innovation presented the wide scope offered in terms of the various schemes offered to potential entrepreneurs. Ms. Avila Naik thanked the Director, Principal and HODs of Don Bosco College of Engineering for the support towards the success of the event. She also thanked the Principal, Sr. Marinelle A.C., Carmel Higher Secondary School, Nuvem, Tr. Monica Antao, Tr. Debbie Pereira, and Tr. Queenie Rebello for creating this occasion for their students to visit the DBCE campus for Career in Engineering event.

8. Directorate of Higher Education, Goa State Higher Education Council in association with Mugafi organized

an event 'Creators Connect' on Monday, 27 February 2023 at ESG, Panjim, Goa for the students of Goa. This event showcased panel discussion by experienced writers and musicians, an overview of writing screenplays and songs, networking opportunities with professionals, and open mic event to showcase talent in front of professionals and peers. Bosco Medeira, Shannon D'Silva. Samarth Seth Marathe, Anand Kerkar, Shreyas Sinai Silimkhan from Third Year Engineering along with Avila Naik, TIP Coordinator attended the event. Samarth Seth Marathe performed in vocals in the open mic round.

9. Don Bosco College of Engineering, Fatorda, Goa organized its 2nd Lightning Talk Series in collaboration with the Binghamton University on 2 and 3 March 2023 at the campus for the students of Don Bosco College of Engineering, Fatorda and Don Bosco College, Panjim. The speaker, Dr. Sangwon Yoon, Professor, Department of Systems Science and Industrial Engineering, Binghamton University, State University of New York, USA delivered the talk on 'Introduction to Data Mining and Analytics'. Prof. Yoon spoke about the origin of Artificial Intelligence, Machine Learning, Dark Ages of AI, Relevance of Probability and Statistics and Data Analytics, Regression, Optimization, Machine Learning, Artificial Neural Networks, Deep Learning, etc. In the Q&A session, there were a lot of questions put forward by the students, and staff. Ms. Avila Naik, Liaison Officer – DBCE Binghamton thanked the management, staff, and students for participation and whole-hearted support towards this event.

10. Training and Placement Cell, Department of Computer Engineering, and Department of Science & Humanities of Don Bosco College of Engineering organized a virtual talk on Women in Cybersecurity on April 12, 2023, for the Undergraduate students of Computer Engineering. The main purpose of the talk was to create awareness among students about Cybersecurity and the varied roles prevalent in industry today. The resource person Ms. Aparna Himmatramka, Senior Security Program Manager, Microsoft spoke about the top-level entry jobs in Cybersecurity. She also mentioned the desired skills for Cybersecurity jobs where technical ability, good written communication, and being responsible are rated at the top in the list. The talk was organized by Dr Kala Nayak, HOD, Science & Humanities, Dr. Gaurang Patkar, HOD, Computer Engineering, and Avila Naik, Training and Placement Officer.

11. Institution Industry Cell organized a talk on Internships at CARES, DTE on 11 May 2023 for the students of third year Mechanical, Computer and ETC engineering at Don Bosco College of Engineering. The team from Project Management Unit (PMU), Directorate of Technical Education (DTE), Goa spoke on Internships and live projects. Deepali Raikar, Project Officer, Project Management Unit, Coding and Robotics Education in School Scheme-CARES, Directorate of Technical Education, DTE, and Siddhi Parokar, (Alumna, Batch 2015, ETC Engineering, DBCE) spoke about the various problem statements for internships and live projects that can be pushed forward as BE Projects.

12. The Training and Placement Cell of Don Bosco College of Engineering organized a talk on the topic 'Career in Engineering'. This event targeted prospective students of class 10th, 11th, 12th as well as diploma and their parents. The objective of the talk was to help aspiring students in choosing the right branch of engineering and also making them aware of the admission process at the Directorate of technical Education (DTE) for engineering colleges. The talk was conducted in Auditorium on 2th June 2023 from 10:00 AM to 12:30 PM. Mr. Yeshudas Muttu, the moderator of the event gave a brief introduction to the event. Dr. Neena Panandikar, the Principal welcomed all the guests to the event. Mr. Yeshudas Muttu gave an overview of Career in Engineering and various job opportunities. Prof. Swapnil Ramani gave a detailed explanation of the admission process that is conducted by DTE in Goa. After the speakers finished there was a question-answer session which was moderated by Mr. Yeshudas Muttu. After the Q&A session, Dr. Shreyas Simu gave vote of thanks to Director, Principal and the panel of HOD's who helped to make the session a successful event. He also thanked the participants for making the event a huge success.

2. Alumni Activities

1. As part of the Alumni activity, a webinar on 'Cardiovascular Health Analysis Using Physiological Signals and Machine Learning' was held in online mode to enlighten the students on recent research in biomedical engineering. The webinar was held on the 07th January 2022 at 2pm on google meet platform. The resource person invited to deliver the talk was Ms. Nidhi Sawant, Alumna who is currently a PhD scholar at NIT Goa. Ms Nidhi commenced the session by giving a brief introduction to what biomedical signal processing and its applications. She briefly touched upon the flowchart of how heart sound signal analysis is carried out and how the classification is made of whether the heart condition is normal or not.
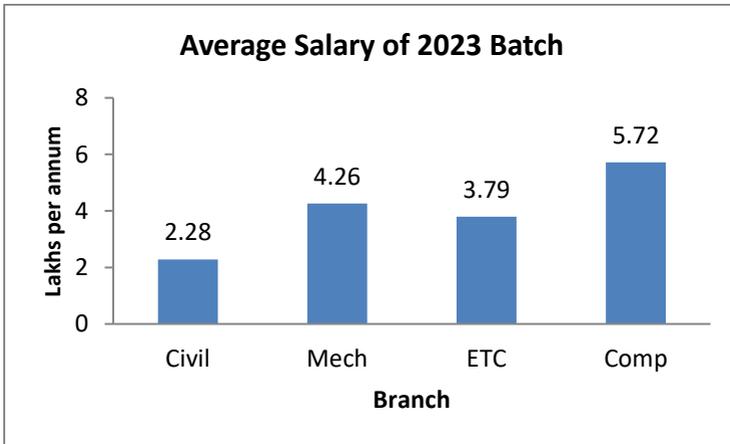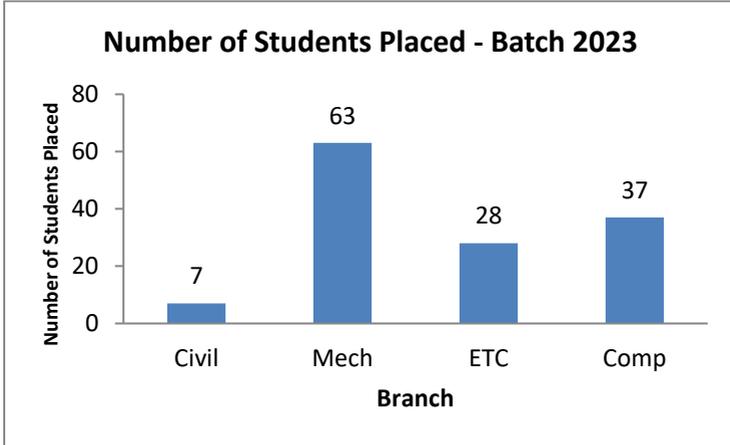
3. Recruiters

4. Placement Details 2023 Batch

Sr. No	Company Name	Number of Students placed				
		CIVIL	MECH	ETC	COMP	Total
1	TCS		0	1	0	1
2	PSL			0	8	8
3	IVP			0	1	1
4	OneShield Software			1	7	8
5	Coditas			0	0	0
6	Hexaware Technologies			0	0	0
7	Tech Mahindra			0	0	0
8	BBD				2	2
9	Numino Labs				1	1
10	Sapio Analytics			0	0	0
11	Aloha Technology			0	0	0
12	Umang Technologies				0	0
13	Naaptol			0	0	0
14	Trellissoft				2	2
15	Numadic				1	1
16	Godrej		2	1		3
17	Deloitte			0	0	0
18	Tangentia			3	2	5
19	Huron			2	1	3
20	Buoyancy		3			3
21	Coffee Day Global Ltd.		2			2
22	CEAT		2			2
23	Claysys			2	3	5
24	Consstruct	4				4
25	Aries Marine	1	5			5
26	Appstrail Technology			2	2	4
27	Clerkswell			0	2	2
28	IFB		2			2
29	Saahas Zero Waste		1			1
30	Ar. Manguesh Prabhugaonkar firm	1				1
31	HFCL		1	1	1	2
32	Goa Sintered Products Pvt. Ltd.		3			3
33	Betts India Pvt. Ltd.		3			3
34	Putzmesiter India Ltd.		2			2
35	The Postcard Hotels		2			2
36	Sierra Circuits			5		5

#	Company					Total
37	Mettalica Saifen Bauhaus	2				2
38	Shekhar Panandiker and Associates	0				0
39	Speed Engineering		2			2
40	Eurostampa Global Services S.r.l.		6		1	7
41	Mograsys				3	3
42	Anant Infomedia				4	4
43	Haier Appliances (India) Pvt Ltd			2		2
44	Electrocontrols			0		0
45	Siemens		0	0	2	2
46	Spintly			0	0	0
47	CoinMedix			0	0	0
48	Syntegon		0	1		1
49	Kilowott			0	0	0
50	Pfizer		0	0		0
51	Rosenberger		3	3		6
52	Taj Hotels		4			4
53	Ion Exchange		4			4
54	Pentair Water India Private Limited		2			2
55	JB Poindexter (India) Pvt. Ltd.		1			1
56	Sureflo Techon Pvt. Ltd.		1			1
57	Online Productivity Solutions Pvt. Ltd.			2		2
58	Elin Electronics			1		1
59	Creative Capsule			1		1
60	Wooden Homes India		2			2
61	St. Regis Resort		1			1
62	Astra Metals		2			2
63	SJ Innovation			1		1
64	Zarhak Moulders Pvt. Ltd.		1			1
65	Commscope		1			1
66	Bharat Petroleum Corporation		2			2
67	Cam Industries Pvt. Ltd.		1			1
68	New Vision		1			1
69	Target Innovation		1			1
70	Schiffer & Menezes		1			1
71	Macbrout Engineering Pvt. Ltd.		1			1
72	Powerland Agro Tractor Vehocles Ltd.		1			1
	Total Student Job Offers	**7**	**63**	**29**	**43**	**142**
	Total Students Placed	**7**	**63**	**28**	**37**	**135**

5. Placement Statistics

Number of Students Placed - Batch 2023

Average Salary of 2023 Batch

Minimum Salary: 1.44 lac per annum
Maximum Salary: 10 lac per annum
Average Salary: 5.72 lac per annum

6. Gallery

Career in 21st century

Overseas Education

Ecell Talk

Career in Engineering

Bouyancy Group Discussion

Claysys Drive

Career in Engineering

Computer Engineering

MOA with Binghamton

Innovation in Civil Engineering

Overview of AI & ML

Webinar on GRE & TOEFL

7. Placement Team

Training & Placement Cell:
Prof. Avila Naik, Training & Placement Officer
Dr. Shreyas Simu, Assistant Training & Placement Officer

Faculty Coordinators:
Prof. Jeffery Valadares, Civil Dept.
Prof. Sachin Turi, Mechanical Dept.
Dr. Shreyas Simu, ETC Dept.
Dr. Vivek Jog, Computer Dept.

Student Coordinators:
Mr. Kenny Ferrao, Civil Dept.
Mr. Clive Rodrigues, Mechanical Dept.
Ms. Reeva Caldeira, ETC Dept.
Mr. Reev D'Souza, Computer Dept.

Don Bosco College of Engineering,

Fatorda, Margao – Goa – 403602.
Tel. No.: (0832) 2741045 / 2743944
Fax No. : (0832) 2742648

Prof. Avila Naik
Training & Placement Officer
M.A. (English)
Email: tpo@dbcegoa.ac.in

Dr. Shreyas Simu
Assistant Training & Placement Officer
Ph.D. (NITK)
Email: assttpo@dbcegoa.ac.in