

DON BOSCO INSTITUTE OF TECHNOLOGY, MUMBAI
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
B.E. PROJECT (STAGE I (ETP 701) & STAGE II (ETP 801))
B.E. PROJECT ALLOTMENT 2019-2020

Group No.	Roll No.	Name of the Student	Project Topic Alloted	Project Guide
1	54	Mihir Rahate	Development of real time solar spectrum measurement tool using opto-electronic sensors. (In Collaboration with IIT-B)	Ms. Lakshmi V.
	29	Harsh Rajendra		
	68	Pratik Shetty		
	69	Madhura Shinde		
2	72	Uttam singh	Design and Development of Fall Detection System	Ms. Gejo George.
	45	Siddharth Pagare		
	30	Vaishali Ingale		
3	56	Akash Rao	Development of tracking devices for improved medical assistance	Mr. Jithin Isaac
	38	Maria Vincent		
	48	Gilroy Pereira		
4	11	Aditya Chaudhary	Development of Water Quality Testing System	Ms.Madhavi Pednekar
	18	Siddharth Dube		
	28	Santosh Gupta		
	26	Elton Gras		
5	5	Mrunal Bangal	Design & Characterization of a Low Cost Anechoic Chamber	Dr. Ashwini Kotrashetti
	7	Nikita Bhangale		
	49	Pooja Phatak		
	62	Harshala Salunke		
6	41	Sharayu More	Implementation and Evaluation of 6LOWPAN	Ms. Aparna Telgote
	33	Shubham Kannojiya		
	46	Lionel Pais		
	82	Siddharth Patro		
7	42	Shraddha Naik	Design of SAR ADC 14/16 bit, 10/20 Mbps, low power(<300mW), 3.3V supply,0.18um SCL technology.	Dr. S.S. Mande
	47	Bhoomi Patel		
	50	Chaitali Poojary		
8	15	Brayan dialle	Televoiting for Rural development using VSAT (In Collaboration with BSNL, Yeur)	Ms. Aparna Telgote
	17	Kevin D'souza		
	21	Ryan Fernandes		
9	4	Siddhesh Bagwe	Person Identification in low resolution CCTV Footage.	Dr.Satish Chavan
	14	Abhijeet Dhanawade		
	35	Shreyas Kawale		
	51	Sumantu Powale		
10	1	Stefan Abraham	Person identification based on voice Recognition	Dr.Satish Chavan
	20	Hayden Fernandes		
	25	Jolae Gomes		

11	65	Arnold Sequeira	To design and implement pneumatic based, semi-autonomous pick and place robot and its subsystems.	Mr. Yogesh Gholap
	53	Divyashree R.		
	81	Vedant Vyawahare		
	80	Vivek Viswanathan		
12	22	Vaishnavi Gavali	Robust IoT based Datalogger (In Collaboration with IIT-B)	Mr. Yogesh Gholap
	78	Ashish Upadhyay		
	37	Osama Khan		
	66	Goofran Shaikh		
13	32	Prathamesh Kale	Development of Low Cost DSP Laboratory Kit using ARM Cortex-M4	Mr. Jithin Isaac
	23	Umesh Gavaskar		
	8	Nidhi Borhade		
	13	Rupali Dhadas		
14	63	Rohit Sanvatsarkar	Design & Development of Rectenna for Wireless Energy Harvesting	Ms. Khan Naheed Anjum
	75	Aditya Talla		
	12	Siddhant Dadgelwar		
	24	Rushikesh A. Gholap		
15	73	Wilson Sorna	Multicarrier Modulation for 5G Networks.	Ms. Namita Agarwal
	58	Dane Rebello		
	79	Vinod Vasekar		
16	10	Anushka Chatha	Design & Development of Water Flowmeter-II	Ms. Freda Carvalho
	19	Divya Dwivedi		
	2	Aditya Mukund		
17	27	Manisha Gupta	To design and implement an autonomous robot with PID controlled line following algorithm and its subsystems.	Mr. Yogesh Gholap
	76	Sayli Tandel		
	67	Nilesh Sharma		
	39	Pransu Kushwaha		
18	3	Salman Ansari	Audio Steganography	Ms. Pratibha Dumane
	59	Ruban Abinesh		
	70	Makarand Shinde		
	61	Sridhar Sahu		
19	6	Ian Barboza	Design and implementation of wireless Power transfer system prototype	Ms. Poonam C.
	71	Pranali Singh		
	74	Pratik S.		

Ms. Khan Naheed Anjum
Project Co-ordinator

Dr. Ashwini Kotrashetti
HOD , EXTC Dept.



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B.E. PROJECT ALLOTMENT 2018-2019

BE Project Group No.	Roll No.	Name of the Student	Project Topic Alloted	Project Guide
1	21	LANDE MANISH DILIP SHOBHA	Design and Anlaysis of Low Voltage Nanoscale Low Power Dual Tail Comparator	Dr. Sudhakar Mande
	47	PATEL SAHIL SIRAJ SHIRIN		
	55	RAINA ROMAEL PREHLAD HARMEET		
	75	CHAUHAN RISHABH SHIVKUMAR BABITA		
2	25	MANE OMKAR SANTOSH BHARATI	Design and Analysis of CMOS Nanoscale Two Stage Operational Transconductance Amplifier (OTA)	Dr. Sudhakar Mande
	26	MANGLURKAR KAUSTUBH DINESH DARSHANA		
	58	SALIAN ADITYA RAVINDRA BHARATHI		
	65	SHENDE SHUBHAM NAMDEO MANGALA		
3	17	/KOTIAN AISHWARYA ARUN VRINDA	Design and Implementation of Advanced Water Quality Testing System	Ms. Madhavi Pednekar
	27	MANIKADE VISHAL MALLIKARJUN SHOBHA		
	28	/MANSURI RAKSHANDA MOHMMED MAHMOOD		
	64	/SHELAR RUTUJA SANTOSH SMITA		
4	11	JAGDALE RAHUL SANJAY SHOBHA	Implementation of Decimator and Interpolator for multirate signal processing using FPGA	Ms. Lakshmi V
	45	PANDEY AMIT SHEOKUMAR MEENA		
	62	SHAIKH MAAZ AHMED NIYAZ MOHD ZAHIDA		
	68	SINGH ONASVI BHUPENDRA HEMA		
5	9	EZHUTHACHAN RAVEEN RADHAKRISHNAN	Energy Usage monitoring of Household Energy	Mr. lithin Isaac
	31	/MEHRA TANUJA DILIP HEMA		

5	32	/MENACHERY JENIFER ANTONY MILBIE	Household Energy meters using LoRaWAN technology	Mr. John Isaac
	33	MORE AMEY CHANDRAKANT HEMA		
6	36	/NADAR JENNY ARULRAJ ANITA	To design and implement an autonomous robot with PID controlled line following algorithm and its subsystems.	Mr. Yogesh Gholap
	37	/NAIR RACHITA RAVINDRAN BINDU		
	38	/NAIR SHREYA SASIDHARAN BINDU		
	46	/PARIDA MRINALI PRASANTA SANJUKTA		
7	43	PANCHAL RAHUL SHASHANK SMITA	To design and implement pneumatic based, manually controlled pick and place robot and its subsystems	Mr. Yogesh Gholap
	44	PANDE ATHARVA MILIND VAISHALI		
	48	/PATIL SANJANA ANIL SHRUTI		
	67	SHRUNGARPAWAR VEDANT VILAS VANDANA		
8	18	KOUL NAMAN RAVINDER SUSHILA	Fuel Level Sensor (In Collaboration with QD-Net)	Ms. Gejo George & Ms. Poonam C
	19	KUMAR ANKUSH RAMESH SINGH PUSHPA		
	41	/PALLICHANPARAMBIL EDLYN WESSELY		
	61	SEQUEIRA ALDAN ARCHIBALD SUNITHA		
9	5	CHOUDHURY SOUMYAPRAKASH	Design & Development of Water Flow meter (In collaboration with QD Net)	Ms. Freda Carvalho & Ms. Ashwini K
	7	DILSHAD AHMAD SHAHABUDDIN TANVEER		
	39	NAIR SREERAJ BABURAJAN LATHA		
	49	PATRO SIDDHARTH JAGDISH LILLY		
10	53	PRAJAPATI NEERAJ BALIRAJ TARA	Low Cost Programmable Data logger (IIT-Bombay)	Mr. Yogesh Gholap
	66	SHETTIGAR KISHAN JANARDHAN HEMALATHA		
11	30	/MEHATA SHRUTI SHEKHAR PRIYA	Development of real time data plotting tool based on Arduino	Ms. Lakshmi V
	69	THARAIL LEO LINUS BEENA		

12	12	JEEVAN BENNY MINI	Modular Home Automation System	Mr. Jithin Isaac
	73	CHITTISSERY JAKSON JOHNSON SHEEJA		
	74	/LAD PRIYANKA POPAT		
		/CHAWDE JANHAVEE RAJIV JYOTSNA		
		KHAN KHIZAR ANEES SHAHNAZ		
13	10	HATLE MAHESH SHAMSUNDAR MADHAVI	Info Tech Rover	Ms. Anjum Khan
	42	PALODHI BISWARUP TRIDIB SUCHANDRA		
	51	PEREIRA KYLE KELLY PENELOPE		
	56	RAJKUMAR THIRUSELVAM PADMAVATI		
14	13	JOHN KIRAN KENNEDY MONALISA	Printed Antenna for UNII Devices in 5G Band	Ms. Ashwini Kotrashetti
	15	KALLOOTHTRA ABIN ANTONY MARY		
	29	/MARTIS JESICA GILBERT JOYCE		
	57	/RODRIGUES ALISHA AUGUSTINE JACINTA		
15	20	LAGAD VINAYAK RAJENDRA SAVITA	Design and fabrication of a Beam steering antenna	Ms. Freda Carvalho
	34	MUDALIAR RAJAT ANNANDHAN GEETA		
	35	NADAR GLADSON NELSON ROJA		
	72	WAINGANKAR SHRIKANT RAMESH POOJA		
16	1	/BAKDE VINITA VIJAY SUJATA	5G Network Simulation and Performance analysis in OPNET LTE-A Model along with IEEE 802.15c Model	Ms. Poonam Chakraborty
	2	/BODAS MANALI MAHENDRA MANSI		
	4	/CHOUDHARY SAIMA JAMIL SHAMSHAD		
	24	/MADIVALA ARCHANA NAGARAJ AMBIKA		
	3	/CHAUDHARI VAISHNAVI YATISH YAMINI		

17	16	KOLI SHUBHAM SHYAMSUNDAR SANGITA	Implementation and Analysis of Energy Efficient Routing Protocol for WSN	Ms. Aparna Telgote
	23	LOKE GAURAV NITIN NILIMA		
	59	/SATAM SAYALI SANTOSH SHARVARI		
18	14	JUVALE SOHAN NANDKUMAR NETRA	Index Modulation for Next-Generation Wireless Networks	Ms. Namita Agarwal
	40	/NIKAM MANSI NILESH NEHA		
	71	VIRKAR SAGAR MANSING VAISHALI C		
		SINGH ADITYA SURENDRA RAJKUMARI		
19	52	/POL RACHEL TUSHAR KUNJUMOL	Development of a System for Investigation of Characteristics of Speech Signals& Implementation of Speaker Recognition	Ms. Pratibha Dumane
	54	/PUROHIT BHOOMIKA VIKRAM DAMAYANTI		
	60	/SAWANT DHANASHRI SADANAND URMILA		
	63	/SHARMA PRIYANKA SUSHILKUMAR SUSHMA		
20	8	/DSA ROCHELLE CAREN STANISLAUS FLAVIA	Lung Nodule Detection	Dr. Satish Chavan
	22	LEWIS KELVIN NOHA VICTORIA		
	50	/PEREIRA JOVITA LESLIE THEREZA		
	70	THOMAS VICKY VINCENT MARY		

Jithin Isaac
B.E. Project Coordinator

Ms. Ashwini Kotrashetti
HOD, EXTC

Don Bosco Institute of Technology
Dept. of Electronics & Telecommunication Engineering
B.E. PROJECT ALLOCATION (AY: 2020-2021)

Group No.	Roll Nos.	Name of the Student	PROJECT ALLOTTED	GUIDE
1	7	Atharva Shashikant Bondre	To design and implement an autonomous robot with PID controlled line following algorithm and its subsystems	Mr. Yogesh Gholap
	30	Bhushan Kolhe		
	41	Cromwell Mendes		
	57	Harshal Rajesh Rathod		
2	16	Ryan D'Souza	Online Water Monitoring System	Ms. Madhavi Pednekar
	32	Shruti Korade		
	42	Rohini Mhatre		
	75	Patrick Vincent		
3	23	Minita Joshee	Breast cancer detection and its classification.	Dr. Satish Chavan
	46	Amaan Nizam		
	52	Abhiram Vikramaditya Pillai		
	53	Anne Pinto		
4	6	Mohit Bhat	TCP/IP Offload Engine Implementation using Hardware Accelerator	Ms. Aparna Telgote
	33	Jashn Kotwal		
	38	Parth Kumar		
	45	Neil Jason		
5	5	Abhishek Bhandare	Statistical characteristics of low power nano scale CMOS SRAM	Dr. S.S.Mande
	22	Mitesh Jagtap		
	24	Asawari Kalambe		
	26	Chetan Khadtare		
6	39	Daniel lobo	Swarm Bot	Mr. Yogesh Gholap
	54	Samuel pius		
	69	Daniel David Thommana		
	73	Ashley varghese		
7	40	Sebastian Josi	Design & Development of antenna for optimum SAR for wireless applications	Ms. Khan Naheed Anjum
	61	Ashita Serrao		
	66	Srishti Singh		

8	18	Gaikude Pratiksha	Design & Development of Printed Antenna for UNII Devices in 5G Band	Dr.Ashwini Kotrashetti
	31	J.Ananthavalli		
	64	Swathi sheregar		
	81	Ashley Marques		
9	2	Ahmed Ansari	Design of 8 bit, 500 MHz, low power(<100mW), Low offset Flash ADC, 3.3V supply,0.18um SCL technology	Dr.S.S. Mande
	28	Rizwan Khan		
	58	MohammedFawzaan		
	62	Faisal Shaikh		
10	8	Hrishikesh Borkar	Smart Medication Dispenser: Use of electronic technology to promote self care	Ms.Gejo George
	12	Nikhilesh Chakravarty		
	13	Saurabh Chaubey		
	68	Hemant kumar		
11	10	Jolly Bunga	Implementation of Smart Waste Management System	Ms.Namita Agarwal
	25	Nikhil kansare		
	59	Anil sable		
	65	Abhishek shinde		
12	11	Royston Carvalho	Wireless Charger for EV	Dr. Ashwini Kotrashetti
	19	Ethan Gomes		
	51	Larry Pereira		
	56	Prathik Rao		
13	4	Keith Barnes	LoRaWAN Enabled Remote Solar Photo Voltaic Energy Monitoring System	Mr. Jithin Isaac
	35	Aparna Kulkarni		
	37	Shreyas Kulkarni		
	67	Adish Sthalekar		
14	14	Christopher Sabu	Design and Implementation of Underwater Ultrasonic Communication	Ms.Poonam Chakraborty
	17	Vincent D'Souza		
	34	Isha Kubal		
	71	Shikha Tripathi		
15	55	Rahul Johny	Design and performance analysis of Array Multiplier using Xilinx	Ms. Lakshmi V.
	63	Sunny Sharma		
	72	Sumit Tripathi		
	74	Nilay Vejare		

16	1	Amanda Joseph	Geo Mapping of Alumni Data along with Full stack Development.	Ms. Namita Agarwal
	15	Redalia D'Souza		
	80	Roni Thomas		
	84	Aishwarya Kadam		
17	77	Naidu Sumithra	IOT based real time Biometric Attendance system using Fingerprint module with cloud computing data logging.	Ms. Gejo George
	78	Utkarsh Likhar		
	86	Rao Aniketh		
	89	Raul Braz		
18	3	Nishant Bangera	Speech Signal Analysis for Diagnosis of Dysarthria	Ms.Pratibha Dumane
	21	Shrikant Gunjal		
	44	Omkar Nagwekar		
19	20	Mark Gracious	Design of ultra-low-noise, high-precision voltage reference (1.2V) < 5ppm/°C Drift with 3.3V VDD Supply Variation = $\pm 10\%$; Temp.	Dr. S.S.Mande
	43	Siddhi More		
	49	Mangeshi Patil		
	76	Siddhi Warang		
20	27	Amrez khan	Emotion Recognition from facial expression using Deep Neural Network.	Dr. Satish Chavan
	29	Dheeraj kokate		
	50	Paul Prince John		
	70	Dhruv Tiwari		
21	79	Shafaque Shaikh	Assessment of Sustainability Parameters using Fuzzy Logic	Ms. Pratibha Dumane
	85	Elton Noronha		
	87	Sagar K.S		
	88	Abhishek Tripathi		
22	82	Nayan Punyarthi	Design & Development of Flood Level Sensor	Ms. Freda Carvalho
	83	Adriel demelo		
	92	Prasad satye		
	90	Kunal Nanaware		

Ms, Khan Naheed Anjum

Project Co-Ordinator

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BE PROJECT (STAGE I (ETP701) & STAGE II (ETP801))
PROJECT IDEA ALLOCATION TO GROUPS - FINAL LIST

NEW BE Project Group No.	Roll No.	Name of the Student	Project Topic Alloted	Project Guide	Practical Batch
1	4	ASHWIN RAJENDRAN SOBHA	Design of Variability aware Low Power Nano scale SRAM Design	Dr. Sudhakar Mande	A
	8	BHATT ANKIT VINOD VIJAYLAXMI			
	9	BHATTACHARIJ AKASH KASHINATH AJANTA			
	44	PATHAK AKHIL AJIT AARATI			
2	30	/KRIPA MARY MATHEW JESAMMA	Brain Tumor Detection and Stage Identification	Mr. Satish Chavan	A
	50	RODRIGUES NELSON MANUEL MARIA			
	56	/SEQUEIRA NICCI OSCAR MARIA			
	57	SHARMA RAHUL KUMAR SURESH KUMAR			
3	23	/HAMBAR ROMA DAMODAR SARIKA	DSP Hardware based Fingerprint recognition system	Mr. Jithin Isaac	A
	47	/PILLAI RUDHRA SADHASIVAM KAVITHA			
	54	/SAWANT AISHWARYA MADHUSUDAN			
	55	SEQUEIRA ERIC ROSARIO OPHELIA			
4	12	/CREADO ROSHELL VIVIAN LUCY	Design and Development of Antenna for Range Extension in IoT applications	Ms. Ashwini K	A
	18	DSOUZA CALVIN CHARLES ZOYA			
	25	JOHN NITIN ANTO BINDU			
	36	MOOKEN KEEGAN FELIX MARIAQUINHA			
5	5	AVRON STEPHEN SYBIL	Event Data Recorder (Black box) for Automobiles for monitoring and post-crash investigation purposes.	Mr. Jithin Isaac	B
	32	/LAKSHMI PRASAD BINDU			
	51	/RODRIGUES REEMA RONALD CHRISTINE			
	63	/VALAPPILA MARTINA GEORGE MINI			
6	6	AYROOR JUSTINE JOEL JESSU CELILIA	Design and Development of Underwater Vehicle	Ms. Madhavi Pednekar	B
	15	DEB SUMAN SURAJIT SANDHYA			
	16	DEORE MEGHRAJ MURLIDHAR			
	60	SINHA AKASH RAKESH PAMMI			
7	7	/BANDEKAR MANASI LALIT LATIKA	Design and fabrication of a Low Noise Amplifier in GSM band	Ms. Freda Carvalho	B
	26	/JOVEEN ELSA JACOB ELIZABETH			
	34	/MANE AISHWARYA AJAY ASHWINI			
	38	MULE AKSHAY PRADEEP PUSHPALATA			
8	40	/NADAR ZUBILA XAVIER MARIA	Modeling of Traffic Density in Cellular Networks.	Ms. Namita Agrawal	B
	59	/SHETYE TEJAS JAYARAJ ALKA			
	62	/THARAPPEL JOVANNA CYRIL ANNIE			
	14	/DCRUZ LUCITA CELESTINE AGNES			
9	27	KADRI RAHUL NAVEEN KUMAR	Design and Development of a Wireless Sensor Network System for EVDS	Ms. Aparna Telgote	C
	43	NAYAK AASHISH SUDHIR NAMITA			
	46	PEDNEKAR DIVESH DEEPAK VANDANA			
	58	SHARMA SHUBHAM SANJAY MONIKA			
10	21	FURTADO ROYSTON JOSEPH ALICE	Variability aware performance evaluation of hybrid CMOS adders	Dr. Sudhakar Mande	C
	33	LEWIS OLESH HANSEL OZWALD HELEN			
	39	NADAR BEN ALDRIN PHILIPS SUGANDHI			
	65	YADAV KAWARJEET RANSINGH PUSHPA			
11	3	/ALEXANDER SHARMYNE SIMON SHERLIN	Design and Implementation of RC Airship	Ms. Madhavi Pednekar	C
	11	/BHOSALE SAYALI JITENDRA SONALI			
	24	/INGALE SANJANA SANJAY LEENA			
	41	/NAIK KANIKA GANESH AKSHATA			

NEW BE Project Group No.	Roll No.	Name of the Student	Project Topic Alloted	Project Guide	Practical Batch
12	20	FERNANDES KEITH MICHAEL JOHN	Analyzing Hybrid Modulation Technique using PPM and MSK subcarrier Intensity Modulation.	Ms. Gejo George	C
	42	NAIK SOHAN SHARAD SONAL			
	48	PRINSON PHILIP LUSY			
13	1	/AGZELIYA ALEXANDER	Design of passive optical network for hospital management system.	Ms. Poonam C	D
	28	/KALLARAKKAL LEORIOUS VARGHESE SHIJI			
	53	SANTHMAYOR REXON JOSEPH EMILIANA			
	64	VYAS GAURAV SHRAWAN INDIRA			
14	2	AKASH KUMAR C.V.MOHANAN VALSALA	Robotic manipulator for assembly line for object sorting	Mr. Yogesh Gholap	D
	22	GUJIRI ANILKUMAR LOKNATH SAIBANI			
	35	MENDES SHAUN SAVIO ELIZABETH			
	37	MOOLYA SARVESH SHRIDHAR ANANDI			
15	10	BHOLE DHANVIN SANJAY ANGHA	Image Cryptography using FPGA.	Ms. Lakshmi V	D
	19	DSOUZA PRINCE AVELIN MARIA			
	49	PUROHIT MUKESH KANTILAL MANJU			
	52	SAHUJI PRANAY SANJAY JYOTI			
16	17	/DHOLE SHREYA PRAKASH SANGITA	Miniaturization of Micro strip Antennas DGS technique	Ms. Anjum Khan	D
	29	KATKAR ABHISHEK ANANDA KAVITA			
	31	KULKARNI AVINASH VENKATESH			
	45	PATIL RITESH DNYANPRASAD NANDA			
17	61	STALLONE DARIUS SHELDON LALITA	Design and Development of Quad Copter for carrying specified weight.	Mr. Yogesh Gholap	D
		/RICHA SHARMA			
		CLEAVON MASCARENHAS			
		HANSTON PERERIA			

Yogesh Gholap
Project Coordinator

Jithin Isaac
Project Coordinator

Dr. Sudhakar Mande
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