

**ARMY INSTITUTE OF TECHNOLOGY**  
 Department of Applied Science & General Engineering  
 PBL Presentation 2022-23

<b>Divisions</b>	<b>Batch &amp; Faculty</b>	<b>Roll No. / Names of Students</b>	<b>Name of Topic</b>	<b>Technologies / Software's students learning for the Project</b>
<b>FE IT</b>	<b>DI Mr R Patil</b>	4106 Anirudha 4109 Ankush 4105 Amit 4102 Aadarsha 4121 Eshan Negi	Smart Water Management	Monitoring and conservation system Website development
		4118 Debasmita Adak 4120 Divya Kumari 4115 Ashwin	Website for various Govt Schemes for below Poverty Line people	Website development
		4108 Ankitveer Singh 4107 Anish Kumar 4117 Bhupesh Yadav 4112 Aryan Yadav 4116 Ashutosh Panda	Website for Movie recommendation System Schemo	Website development
		4113 Aryan Singh 4111 Aryan 4104 Aman Kumar 4119 Devesh Sarswat 4110 Anmol 4114 Ashish Singh	Website for Gym Registration	Website development
	<b>DII Mr S Chaugule</b>	4131 Nikhil Negi 4134 Pradeep Patidar 4122 Chetan Raju 4140 Reddi Tharun 4147 Sejal Raina	Laser based Security System	Electronic control
		4133 Piyush Raju 4129 Milan Pal 4132 Nisha Dhaka 4123 Hemang 4144 Roshnee	AI Chat Boat	AI based
		4126 Riya 4137 Pranjal Pandey 4143 Roshan 4146 Satyajit Garad 4145 Sahil	Sign language detection	Image identification
		4142 Ritik raj 4130 Mihit Kumar 4128 Lokesh Badela 4141 Rishi kumar 4139 Rachit Kumar 4127 Laxya Sangwan	A Career Mentor	Proximity detection

<b>DIII Ms Anita S</b>	4148 Shivam Singh 4149 Shorabh Singh 4157 Uday Pratap Mehra 4159 Vidhan Tomar 4160 Viraj 4161 Vishal	Floating wind turbines	Wind power Technology
	4151 Srijan Juyal 4152 Shubham Ghosh 4155 Tanu Kohli 4162 Yash Nikam 4165 Ishu	Password manager / recovery Software	Web development
	4154 Sumit Kumar 4156 Uday Pratap Singh 4166 Rohit Yadav 4168 Satyam 4169 V Nagasai Kartik	Money management and statistics provider app and self-help app	Web Development
	4150 Simran 4163 Akshit 4164 Ashish 4167 Samarjeet 4170 Shivam 4171 Pranav	Online blood bank system website	Web development

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<b>FE COMP B</b>	<b>EI Ms Anita S.</b>	7101 Aadit Singh 7108 Ankit Kumar 7116 Dakshat Rawat 7119 Dhruv Raj Singh 7121 Gagan Raghav	Hostel management system	HTML, CSS,JS, Github, API, React JS,Node, JS and Figma
		7109 Ankur Singh 7102 Abhinash Samal 7104 Adarsh Kumar 7112 Ashish 7113 Ayush H	Campus Closest	HTML, CSS,JS, canva Mongo DB, Node JS and Figma
		7105 Aditya Khichar 7114 Ayush Ghosh 7115 Chetan Singh 7117 Darshan Garad 7110 Anurag 7120 Divyanshi	Shopping complexibility Reclamation-Website Development	HTML, CSS,JS, React, mongo DB,Exp JS , Github, Node JS and Figma

		7118 Deepansu 7107 Akshit Singh 7106 Aditya Singh 7103 Abhinav Shinde 7111 Aryan Raj	Website for Tracking budget & extra expenses of Students Name Acad Mix	React, HTML, CSS, SQL, Node JS
<b>EII Dr. BP Patil</b>		7124 Gulshan Kumar Singh 7127 Jagdeep 7140 Prashant Raina	Expansion of UPI	
		7137 Piyush Dhamu 7142 Priyanshu Kumar 7129 Krishan Singh Tomar 7130 Lokendra Khuswaha	Telegram Bot for Accessing and Recommending Books	Python Vs Code, Canva figma
		7135 Yashwant Reddy 7134 Navjot Singh 7138 Prabhat Mishra 7141 Prathmesh 7132 Manish Pimoli	IoT based Water Controlling System	Working Model, Program
		7123 Gourav 7139 Pranshu Parashar 7131 Mahendra Kumar 7122 Gourav Kumar 7126 Ishan Malhora	Bidirectional Visitor Counter with Power Control	HTML, CSS, Javascript, Figma, Bubble
		7125 Harshita KR 7128 Khushia 7133 Muskan 7136 Payal	AIT events website	HTML, CSS, Javascript, Figma, Bubble
	<b>EIII Dr. Swati Kulkarni &amp; Ms Prajakta Jaybhaye</b>		7151shashank Singh 7147 Sadasivuni Gnana Sagar 7161 Tusar Singh Nathawat 7158 Suraj Kumar 7155 Sk Juned Afridi 7148 Sahil Bhagat	Eco Credits
		7143 Ramanuj Chaubey	Website – Achievement of AIT Student	PHP, Javascript, React, Bootstrap

		7153 Shorabh Singh 7163 Akhilesh Patidar 7159 Swastick Das 7156 Subham Kumar 7145 Sachin Kumar 7150 Sanjay Bhau	IOT Learning Website	HTML, CSS, Javascript, Node.js, React.js
		7146 Sachin Chauhan 7149 Sahil Yadav 7152 Shashank Maikhuri 7154 Shreya Pradhan 7160 Tisya Manhas 7157 Sumit Kumar	Smart Laundry Management System	HTML, CSS, Javascript, Figma, Bubble
		7162 Jayant Kumar	E-Commerce (Evershop)	HTML, CSS, Javascript, Figma, Bubble

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<b>FE ETC A</b>	<b>AI Mahima Jain</b>	1105 Aditya Sharma 1121 Vignesh Pandi 1115 Bonda Niharika 1114 Ayush Pandey 1111 Arshia Thakur Garg	Camping Toolkit	Embedded system Arduino, microcontroller
		1101 Abhi Sirohi 1116 Deepanshu 1117 Gaurav Singh 1110 Aourabindo Rout 1123 Kunal Singh	Report app for AIT	JAVA, Android Studio, Database, APIs
		1103 Abhishek Kumar 1102 Abhilash K 1122 Kartik A. G. 1113 Ashutosh Senapati 1119 Harshvardhan Kachare	Smart gas Leakage detecting system	Arduino UNO, MQ-6 gas sensor, LED, Buzzer, USB cables WiFi module
		1125 Mayank Tyagi 1109 Anuj Kumar 1118 Gaurav Nainwal 1124 Lalit 1108 Aniket Kumar 1104 Adhiraj	Automated Traffic light system	Arduino, C++, Python Sensors, diode etc
	<b>AII Dr L D Jathar</b>	1126 Mayur Rishi 1127 Mehermeet Singh 1146 Haseena Shaikh 1149 Shruti 1137 Ritek Raj	Home Security System Based on IoT	HTML, Web Applications, Internet of Things

		1130 Prafullkumar 1134 Punit Kumar 1129 Nepal Singh 1147 Naushad Shaikh 1138 Ritika	To Develop Web and Android Application for Water Intake Reminder	Android Studio HTML/CSS/JAWA FIGMA/CANVA (Designing)
		1128 Mohit Sharma 1142 Sahil Tiwari 1131 Prashat Kumar 1145 Sayan 1132 Prince Chaudhary	IoT based E-laundry System	HTML, Web Applications, Internet of Things
		1141 Sagar Sharma 1133 Prince Yadav 1135 P Lokesh 1136 Rinku Yadav 1139 Rohin Raj	Automatic Light system (IoT Base)	Solar application with, Internet of Things
	<b>AIII Dr Seema Tiwari</b>	1150 Sonal mishra 1151 Soumyadeep Gupta 1152 Subrat kumar behera 1154 Sumeet Nath 1156 Tanisha Sharma	Carbon Crown	Internet
		1157 Tarun Chauhan 1158 Tarun kumar basera 1159 Varsha phulera 1161 Vishal Chabarwal 1162 Yogesh Nehra	3D Printer	Web development
		1163 Deepak Singh Tomar 1164 Ashish Kumar das 1165 Nikhil 1166 Nitin kumar 1167 Rahul	Medicare	Web development
		1168 Rohit kumar 1169 Rohit Singh 1170 Tushar chib 1171 Nidhi Pandey 1172 Bellana Aakash	Automated monitoring of quality of water	IOT, sensors, TDS meter

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<b>FE ETC B</b>	<b>FI Dr Sandip Bidwai</b>	5101 Abhishek Yadav 5112 Ankush Sharma 5113 Anurag Singh 5118 Ayush Yadav 5121 C Jaivardhan	QR Code generator using C++	Language : PYTHON,C++. QR CODES.
		5106 Aman Singh 5108 Ankit Prasad 5109 Ankit Yadav 5120 Birender B. 5104 Alok K Poonia	Student information system for career development	HTML,CSS
		5111 Ankit Kumar 5107 Amit Kumar 5105 Aman 5103 Aditya Rathore 5116 Ashi Singh	Space arcade shooting game.	Python
		5110 Ankit Joshi 5114 Arjun Gulati 5119 Bhupendra 5115 Aryan Singh 5102 Aditya Pratap Singh 5117 Atharv Anand	Obstacle detecting alarm	ARDUINO IDE, Python, ULTRA SONIC SENSORS
	<b>FII Ms Mridula Chandola</b>	5122-Dade Punit Kumar Reddy 5123 Deepak 5124 Devkaran 5132 Manish Kumar 5133 Manish Yadav	Travel Blog Website	Make a website., using mood board figma, HTML, Python and C
		5125 Dharjinder Singh 5126 Harender Singh Dhankar 5134 Manish Singh Nagarkoti 5140 Nirmat Singh	Identifying registration numbers of vehicles	Figma, mood board, HTML, Python and C
		5127 Harsh Nayan 5130 Kolli Gobardan Durga Reddy 5131 Krishan Kumar 5136 Mohit Choudhary 5139 Nikita	Smart dustbins	Using arduino and sensors

		5135 Mitesh Maity 5137 Mohit Babasaheb Karale 5138 Nikhil Dhariwal 5141 Nitin Jakhal 5142 Prateek Chauhan	Health app	Cloud platform, HTML, Python and C
	<b>FIII Mr Sachin Tanwade</b>	5159 Yash Pathak 5157 Swastik Sinha 5153 Shivraj Kondekar 5158 Unnati Singh 5143 Prince	Advanced parking assistance app/system	Android app development, Android studio, Web Dev, UI/UX
		5146 Rohit 5147 Rohit Parihar 5151 Saurabh Kumar 5152 Shivam Singh Tomar 5156 Suraj Kumar Jha	Mental Health Tracker	Cloud platform, HTML, Android app development, Android studio, Web Dev, UI/UX
		5145 Ritik 5148 Rohit Kumar 5149rohit Yadav 5150 Rohit Kumar 5154 Sobhit Raghav	Event planning and management app	Cloud platform, HTML, Python and C
		5155 Saurav Kumar Singh 5160 Yasharth 5161 Jeevan Singh Bhandari 5144 R L Ashritha Reddy	Coding contest info app/website	Cloud platform, HTML, Python and C

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	<b>CI Ms Prajakta Jaybhaye</b>	2108 Anant Shandil 2104 Aditya Singh Deopa 2122 Himanshu Raj Tiwari 2121 Hemant Kumar Mishra 2107 Akshay Kamble	Solar powered water filtration system for remote communities	UV, OSMOSIS Process or Carbon Filtration
		2125 Lakhan 2103 Abhiram 2127 Vivek 2111 Arin Dangi 2105 Aditya Kumar	Website making for sport team	Basic HTML-CSS
			Energy efficient IOT Networks	IOT

<b>FE MECH</b>		2118 Gajendra Singh 2120 Harsh D. Sable 2115 Charan Kumar D. 2126 Lucky		
		2102 Abhay Dwivedi 2109 Aniket Patil 2110 Ankit S. Tomar 2101 Aditya Kumar 2123 Jatin Pandey	Power Generation using Sound	Using transducer and other component
	<b>CII Dr Swati Kulkarni</b>	2129 Muskan Kumari 2131 Neha Sharma 2155 Sushree Arpita Narendra 2139 Priyanka Chavan 2137 Payal Prakash Kharade	Automatic Gardening System	Working Model, Program
		2142 Rajat Singh 2145 Sagar Kumar 2151 Shivansh Mishra 2154 Surendra Singh 2157 Uday Bhan Singh	3D Model of Book my Dine	Website
		2136 Pardeep Singh 2148 Sandipan Roy 2149 Shambhav Kumar 2150 Shivam 2153 Subham Tiwari	E-Commerce	HTML, CSS, Javascript, Figma, Bubble
		2130 Narender Singh 2138 Prabhat Kumar 2134 Nikhil Singh 2146 Sahil 2140 R Hari Ganesh	Helpimal	HTML, CSS, Javascript, Figma, Bubble
		<b>CIII Dr Ashwini Sapkal</b>	2165 Shashank Tripathi 2159 Vinay 2171 Sitanshu Swain 2164 Deepshika Rawat 2160 Vipin Kumar	Design of Speaker product based on SASER (Sound Amplification by Stimulated Emission of Radiation) Technology
	2172 Vikrant Singh 2175 Shaurya Shekatkar 2173 Pushpendra Rathore 2177 Mohd. Sohail 2169 Shivam Gaikwad		Room Strength monitoring app	HTML, CSS, Javascript, Figma, Bubble



		2181 Taniya 2170 Dheeraj Joshi 2180 Rohit 2162 Yash 2168 Prerana Sunil Jadhav	Garbage Monitoring & clearance Alert	Working Model, Program
		2166 Swarup Thakur 2167 Atharva Kadam 2178 Ashish A Kumar 2168 Prerna Jadhav 2184 Krishna Shankar Pandey 2174 Rakesh Kumar Hudda	Autonomous Car based application	Working Model, Program

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FE COMP A	BI Dr Sonali Bhosale	3101 Abhishekh 3105 Adesh 3107 Aditya 3108 Aditya 3112 Ankit	MEDICO	Program
		3103 Abhishekh 3106 Aditya 3109 Aditya 3110 Ankit 3111 Ankit 3120 Devansh	The Internet of things	Working Model, Program
		3104 Adarsh 3114 Ankush 3115 Anuj 3122 Divyam 3123 Divyanshu	Water Reminder System	Program
		3116 Ashwini 3117 Awanit 3118 Ayush 3119 Bholenath 3121 Dewanshu	Game Development using HTMLS and JAVA script	Program
	BII Brig Abhay Bhat	3138 Nitesh Singh 3137 Nishant Kumar 3141 Pallav Kumar 3140 Nitin Pathak 3129 Darshan Gorakh	Electricity Conservation – Automatic Room Light Tech/Software's students learning for the project	PIR sensors, Improved sensor, Movement sensor, Microcontroller Programming, Arduino

	3135 Navneet Kumar 3136 Nikhil Kumar 3132 Manish Kumar 3130 Khushbu 3127 Joses Rai	Smart Blind walking stick with integrated sensor Tech/Software's students learning for the project	Arduino, sensors, PCB design, Debugging Tool, Firmware Development
	3128 Kaushal Vyas 3144 Prabhat Singh 3131 KBV Kishore 3125 Gaurav 3134 Nabajit Das	Online Bulletin Board Tech/Software's students learning for the project.	React JS, Node.JS, Mongo DB, Android, 19App Studio
	3139 Nitin Mahala 3126 Himanshu 3133 Mohit Kumar 3142 Pallavi 3143 Parthib Mondal	Enhancing Security Guard Monitoring and Supervision Tech/Software's students learning for the project.	Microcontroller Program, Sensors, PCB Design, Arduino IDE, Firmware Debugging Tool.
<b>BIII Ms Prajakta Jaybhaye</b>	3152 Sairaj Adhav 3156 Simrandeep Singh 3158 Sundaram Kumar 3161 Syed Taufeeq 3154 Chennakesava Reddy 3154 Shivam	AI 4 ALL	Audio and video AI Tools
	3146 Priyanshu Vashishtha 3160 Tanishk Soam 3149 Ritesh Kadian 3155 Shreyas 3165 Sumit Kumar 3166 Aarush Bisht	Form Easy outing made easy.	HTML, CSS for making the website
	3145 Pradeep Kumar 3160 Sabir 3162 Vishal Suthar 3164 Pratham 3148 Raunak Pandey 3157 Sudesh Puri	AIT Accops	AI Tools and website framework Sigma, bootstrap, JS
	3159 Swet Singh	Library Information	Designing a website UI/UX.