

Army Institute of Technology

Number of students undertaking Project Work/Mini-Project Work 2019 – 2020

Sr. No	Department	No. of Students who have completed Projects	Page No.
1.	Computer Engineering	363	1 - 16
2.	Information Technology	122	17 – 20
3.	Mechanical Engineering	63	21 - 26
4.	Electronics and Telecommunication	177	27 – 32
5.	Applied Science and General Engineering	300	33 - 38
	Total	1025	

Department of Computer Engineering
Final Year 2019-20
Projects

Sr. No.	Name of Student	Title of Project	Year	Place of Work	Duration	Remarks
1.	Prince Yadav Pradeep Singh Pradip Kumar Gurpreet Singh	Cricket Match Prediction using Machine Learning	2019-20	AIT Pune	1 Year	Completed
2.	Abhinay Chouhan Akash Kumar Singh Amit Kumar Yadav Garima	Merge Maneuver by Autonomous Vehicle using Reinforcement Learning	2019-20	AIT Pune	1 Year	Completed
3.	Kirtee Kushwaha Pankaj Malik Param Satyam Pandey Shivam Mishra	Analysis and Prediction of CIBIL score	2019-20	AIT Pune	1 Year	Completed
4.	Palrika Mohan Saloni Verma Rohan Datta	Generation of the face images using feature description	2019-20	AIT Pune	1 Year	Completed
5.	Pritam Singh Ravi Mudgal Satyender Choudhary Nandan Kumar	Personalized Learning	2019-20	AIT Pune	1 Year	Completed
6.	Arjun Gangwar Ashish Seth Kamal Singh Mehra Manjeet Raj	Automatic descriptive report generation of fmri images using deep learning	2019-20	AIT Pune	1 Year	Completed
7.	Sanjay Singh Sachin Singh Deephanshu Jha	Traffic Congestion Detection: Learning From CCTV Monitoring Images Using CNN	2019-20	AIT Pune	1 Year	Completed


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Department of Computer Engineering
Final Year 2019-20
Projects

8.	Vikrant Mahto Sanjeev Kumar Avinash Yadav	Anomaly Detection On Chest X-Ray Using CAE	2019-20	AIT Pune	1 Year	Completed
9.	Chandra Shekhar Rawat Divakar Singh, Durgeswore P. Mohanty, Vikram Singh	Credit Card Fraud Detection	2019-20	AIT Pune	1 Year	Completed
10.	Abhishek Srivastava Rahul Singh Ranjeet Kumar Shukla Sarvesh Kumar	Software Defined Firewall for Intrusion Detection	2019-20	AIT Pune	1 Year	Completed
11.	Virendra Singh Shekhawat Bijendra Singh Rishabh Chauhan Sumit Chandra Joshi	Computer Aided Breast Cancer Detection	2019-20	AIT Pune	1 Year	Completed
12.	Tanu Kumar Tarun Sarkar Sougata Ghosh Shweta Yadav	Preventing Privacy Invasion In Smart Speakers Using White Noise	2019-20	AIT Pune	1 Year	Completed
13.	Akshay Ramdev Akash Ramdev Shashank Singh Shivam Sharma	Real Time Hand Gesture To Speech Conversion	2019-20	AIT Pune	1 Year	Completed
14.	G Kranti Kiran G Mothy Gurpreet Kamboj K Bhanu	Summarization of Educational Videos Using Shot Detection	2019-20	AIT Pune	1 Year	Completed
15.	Paramvir Singh Srishti Sachan Ujjwal kumar Singh Vaibhav Solank	Speech Recognition From Unisex Facial Expressions And Lip Movements	2019-20	AIT Pune	1 Year	Completed


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Department of Computer Engineering
Final Year 2019-20
Projects

16.	Ritesh Abhishek Agnihotri Ashok kumar Bhanu Pratap Singh	Landmark Recognition	2019-20	AIT Pune	1 Year	Completed
17.	Juhi Kumari Garima Priya Gupta Priya Singh	Image Recognition and Language Translation using Deep Learning	2019-20	AIT Pune	1 Year	Completed
18.	Prashant Singh Negi Raj Kumar Pankaj Kumar Singh Keshav Kumar	Brain Computer Interface	2019-20	AIT Pune	1 Year	Completed
19.	Ajay Singh Negi Amit Kaswan Anurag Arvind Bhatt	Automatic tagging of News Articles	2019-20	AIT Pune	1 Year	Completed
20.	Sudhanshu Joshi Saurav Joshi Abhilasha Kumari Nikhilesh Chandra Dorbi	Using Decentralized System and Consensus Algorithms to Secure Land Registry	2019-20	AIT Pune	1 Year	Completed
21.	Chandan Yadav Dev Karan Pradhan Varudu Ravi Kumar Sandesh Salunkhe	Stock Market Optimization and Algorithmic Trading	2019-20	AIT Pune	1 Year	Completed
22.	Rishu Kumar Roy Rohit Raj Prashant Golay Rahul Yadav	Smart Checkout System using Computer Vision and Sensor Fusion	2019-20	AIT Pune	1 Year	Completed
23.	Saubhagya Sahoo Maneesh Bhakuni Kuldeep Singh Abhishek Chouhan	Brainwave analysis using EEG signals	2019-20	AIT Pune	1 Year	Completed

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Department of Computer Engineering
Final Year 2019-20
Projects

24.	Jayrajnish Gohil Saurabh Nagar Mukul Tyagi Shweta Kumari	Felicitating Efficient Health Information Exchange in India Using Block chain and Using Data Analysis Algorithms for Pharmaceutical Recommendations	2019-20	AIT Pune	1 Year	Completed
25.	Utkarsh Mishra Anuj Singh Tanvi Singh Suraj Singh Bisht	URL De-duplication Using Probabilistic Data Structures	2019-20	AIT Pune	1 Year	Completed
26.	Niket Kumar Ashish Kumar Kuwar Lokender Chouhan MD Jeshan Ali Khan	Image Quality Improvement using Convolutional Neural Networks	2019-20	AIT Pune	1 Year	Completed
27.	Pramod D. Mhalaskar Satinder singh Saurav Kumar Shivam Kumar	Video Colorization using Generative Adversarial Network	2019-20	AIT Pune	1 Year	Completed
28.	Narendra Singh Manish Kumar Naman Agarwal Pooja	Tomato Leaf Disease Detection Using Convolution Neural Network	2019-20	AIT Pune	1 Year	Completed
29.	Jaya Rai Anjali Chaudhary Priya Chauhan Shreya Singh	Generating Traits Descriptions From Person's Facial Image	2019-20	AIT Pune	1 Year	Completed
30.	Rohit Mishra Rahul Manvitha Tamma	Real Estate Tokenization And Ownership Tracking Using Block chain Technology	2019-20	AIT Pune	1 Year	Completed


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Army Institute of Technology
Department of Computer Engineering
Second Year 2019-20
CG Mini Project List

Sr.No	Name of Group Members	Title of Mini Project	Year	Place of Work	Duration	Remarks
1.	Akhil J. Nair (7201) Akshit Mangain (7204)	Game Development – Snake Game	2019-20	AIT Pune	3 Months	Completed
2.	Aman Kumar Ojha (7207) Bijay Singh (7219)	Game Development – Archery Game	2019-20	AIT Pune	3 Months	Completed
3.	Sourav Roy (7251) Rahul Kumar Ojha (7236)	Game Development – Car Game	2019-20	AIT Pune	3 Months	Completed
4.	Raj Kale (7262) Saurabh Bhagwan Dome (7265)	AIT Campus Animation	2019-20	AIT Pune	3 Months	Completed
5.	Anutosh Kumar (7212) Sanjay Rawat (7243)	Sinking Ship Animation	2019-20	AIT Pune	3 Months	Completed
6.	Diwakar Singh (7221) Rutvik N(7239)	Game Development- Mine Sweeper	2019-20	AIT Pune	3 Months	Completed
7.	Devesh Joshi (7220) Yash Verdhan Negi (7259)	Moving Train Animation	2019-20	AIT Pune	3 Months	Completed
8.	Arjun Singh (7213) Sagar (7242) Yashwant Singh Chauhan (7260)	Game Development – Tic Tac Toe	2019-20	AIT Pune	3 Months	Completed
9.	Mahima Yadav (7228) Reena (7237)	Graphics Editor	2019-20	AIT Pune	3 Months	Completed
10.	Arun (7213) Nikhil Singh Kotwal (7231)	Graphics Editor	2019-20	AIT Pune	3 Months	Completed

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Army Institute of Technology
Department of Computer Engineering
Second Year 2019-20
CG Mini Project List

11.	Akshay Singh Rawat (7203) Yash Chaudhary (7258)	Wind Mill Animation	2019-20	AIT Pune	3 Months	Completed
12.	Prakarsh Bhardwaj (7235) Akash (7263)	Water and Birds Animation	2019-20	AIT Pune	3 Months	Completed
13.	Hariom (7223) Vikas Singh (7256)	Fireworks Animation	2019-20	AIT Pune	3 Months	Completed
14.	Amtul Maswara Ahmed (7209) Subham Jena (7252)	Graphics Editor	2019-20	AIT Pune	3 Months	Completed
15.	Akshay Sharma (7202) S Suryanarayanan (7240)	Rocket Launch Animation	2019-20	AIT Pune	3 Months	Completed
16.	P Hemalata (7234) Shaikh Naeem (7246)	3D Car Racing Game	2019-20	AIT Pune	3 Months	Completed
17.	Aman Singh (7206) Satish Kumar Patra (7244)	Tower Attack by Plane : Animation	2019-20	AIT Pune	3 Months	Completed
18.	Krishnanunni R S (7227) P Deepak Raj (7233)	Snake Game	2019-20	AIT Pune	3 Months	Completed
19.	Ashwira Bhaskar (7215) Sachin Keshav (7241)	Ping Pong Ball Animation	2019-20	AIT Pune	3 Months	Completed
20.	Haritk Sharma (7224) Bijay Singh (7219)	Solar System Animation	2019-20	AIT Pune	3 Months	Completed
21.	Akhil J. Nair (7201) Akshit Mamgain(7204)	Ping Pong Ball Game Animation	2019-20	AIT Pune	3 Months	Completed
22.	Aman Kumar Ojha (7207) Anurag Rawat (7211)		2019-20	AIT Pune	3 Months	Completed
23.	Anil Kumar (7210)	Fish under Water Animation	2019-20	AIT Pune	3 Months	Completed

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Army Institute of Technology
Department of Computer Engineering
Second Year 2019-20
CG Mini Project List

	Ritik (7238)						
24.	Amandeep Singh (7208) Zaid Khan (7261)	Packman Game	2019-20	AIT Pune	3 Months	Completed	
25.	Shreya Dubey (7247) Sumit Singh (7253)	Animation of Scene	2019-20	AIT Pune	3 Months	Completed	
26.	Jasbir Singh (7225) Nikhil Bhatt (7230)	Cartoon Animation	2019-20	AIT Pune	3 Months	Completed	
27.	Siddharth Singh (7249) Vimal Kumar (7257)	Solar System Animation	2019-20	AIT Pune	3 Months	Completed	
28.	Sehej Singh Bakshi (7245) Swapnil Pandey (7252)	3D Maze	2019-20	AIT Pune	3 Months	Completed	
29.	Shubham Raghav (7248) Sohardh Bhandari (7250)	Dino- Rush Game	2019-20	AIT Pune	3 Months	Completed	
30.	Ayush Koul (7217) Vamsi Krishna Shahukaru (7255)	Wind Mill Animation	2019-20	AIT Pune	3 Months	Completed	
31.	Anil Kumar (7210) Kishan Maharaj (7226)	Animation of Indian Flag Hosting	2019-20	AIT Pune	3 Months	Completed	
32.	Diwaker Singh (7222) Manish Kumar (7229)	Helicopter Game	2019-20	AIT Pune	3 Months	Completed	
33.	Anurag Rawat (7211)	Animation	2019-20	AIT Pune	3 Months	Completed	
34.	Ayush Pawar (7216) Vishrut Kalirawana (7264)	Animation of Seasons	2019-20	AIT Pune	3 Months	Completed	

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Army Institute of Technology
Department of Computer Engineering
Second Year 2019-20
OOP Mini Projects

Sr. No.	Name of Students (Roll No.)	Title of Mini Project	Year	Place of Work	Duration	Remarks
1	Akhil J. Nair (7201) Akshit Mamgain(7204) Anil Kumar (7210)	Spell Checker	2019-20	AIT Pune	3 Months	Completed
2	Aman Kumar Ojha (7207) Anurag Rawat (7211) Bijay Singh (7219)	Timetable	2019-20	AIT Pune	3 Months	Completed
3	Sourav Roy (7251) Rahul Kumar Ojha (7236)	Workload Manager	2019-20	AIT Pune	3 Months	Completed
4	Raj Kale (7262) Vishrut Kalirawana (7264) Saurabh Bhagwan Dome (7265)	Inventory Management	2019-20	AIT Pune	3 Months	Completed
5	Anutosh Kumar (7212) Ayush Pawar (7216) Sanjay Rawat (7243)	Train Ticket Booking System	2019-20	AIT Pune	3 Months	Completed
6	Diwakar Singh (7221) Diwaker Singh (7222) Manish Kumar (7229) Rutvik N(7239)	Multi-Hotel Room Booking	2019-20	AIT Pune	3 Months	Completed
7	Devesh Joshi (7220) Kishan Maharaj (7226) Yash Veradhan Negi (7259)	8 Puzzles	2019-20	AIT Pune	3 Months	Completed
8	Arjun Singh (7213) Sagar (7242) Yashwant Singh Chauhan (7260)	Railway Reservation	2019-20	AIT Pune	3 Months	Completed

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 Army Institute of Technology
 Dighi Hills, Pune-15.

Army Institute of Technology
Department of Computer Engineering
Second Year 2019-20
OOP Mini Projects

Sr. No.	Name of Students (Roll No.)	Title of Mini Project	Year	Place of Work	Duration	Remarks
9	Mahima Yadav (7228) Reena (7237)	Hangman Game	2019-20	AIT Pune	3 Months	Completed
10	Arun (7213) Ayush Koul (7217) Nikhil Singh Kotwal (7231)	Airline Reservation	2019-20	AIT Pune	3 Months	Completed
11	Akshay Singh Rawat (7203) Sehej Singh Bakshi (7245) Swapnil Pandey (7252) Yash Chaudhary (7258)	Pollution Checker	2019-20	AIT Pune	3 Months	Completed
12	Prakarsh Bhardwaj (7235) Siddharth Singh (7249) Vimal Kumar (7257) Akash (7263)	Snake Ladder Game	2019-20	AIT Pune	3 Months	Completed
13	Hariom (7223) Jasbir Singh (7225) Nikhil Bhatt (7230) Vikas Singh (7256)	Remainder System	2019-20	AIT Pune	3 Months	Completed
14	Amtul Maswara Ahmed (7209) Shubham Raghav (7248) Sohardh Bhandari (7250) Subham Jena (7252)	Store Billing System	2019-20	AIT Pune	3 Months	Completed
15	Akshay Sharma (7202) S Suryanarayanan (7240) Zaid Khan (7261)	Blend Application	2019-20	AIT Pune	3 Months	Completed

S.R. Dhore
Head of Computer Department
Army Institute of Technology
Dighi Hills, Pune-15.

Army Institute of Technology
Department of Computer Engineering
Second Year 2019-20
OOP Mini Projects

Sr. No.	Name of Students (Roll No.)	Title of Mini Project	Year	Place of Work	Duration	Remarks
16	P Hemalata (7234) Shaikh Naeem (7246) Shreya Dubey (7247) Sumit Singh (7253)	Snake Game	2019-20	AIT Pune	3 Months	Completed
17	Aman Singh (7206) Amandeep Singh (7208) Satish Kumar Patra (7244)	Quiz Game	2019-20	AIT Pune	3 Months	Completed
18	Krishnanunni R S (7227) P Deepak Raj (7233) Vamsi Krishna Shahukaru (7255)	Online Exam Demo	2019-20	AIT Pune	3 Months	Completed
19	Ashwira Bhaskar (7215) Ritik (7238) Sachin Keshav (7241)	Movie Ticket Booking	2019-20	AIT Pune	3 Months	Completed
20	Harritik Sharma (7224)	Color Game	2019-20	AIT Pune	3 Months	Completed


Prof. S. R. Dhore
 Head of Computer Department
 Army Institute of Technology
 Dighi Hills, Pune-15.

Army Institute of Technology
Department of Computer Engineering
Third Year 2019-20
CN Mini Project

Sr.N o.	Student Name	Project Title	Year	Place of Work	Duration	Remark
1.	Archit Shukla (3322) Ashwani Ponia (3329) Dheeraj Kumar (3337)	Simulation of Cryptocurrency using Blockchain technology	2019-20	AIT Pune	3 Months	Completed
2.	Abhishek Singh(3303) Aditya Saurav(3305) Anil Kumar Mudgal(3316)	Improving the search Mechanism for Unstructured Peer-to-Peer Networks using the Statistical Matrix form.	2019-20	AIT Pune	3 Months	Completed
3.	Adarsh Singh Parmar(3304) Akash Rajan Verma(3310) Ankit Mehta(3318)	Data loss Control In A Congested Network Using Computer Based Forecasting Techniques	2019-20	AIT Pune	3 Months	Completed
4.	Abhishek Kumar(3301) Akash Mall(3308) Akash Sangwan(3311)	Video Chat Application Using WebRTC	2019-20	AIT Pune	3 Months	Completed
5.	Akash Kumar Singh(3307) Kumar Shivam(3350) Naresh Kumar(3357)	Multithreaded Proxy Server	2019-20	AIT Pune	3 Months	Completed
6.	Ajay Kumar(3306) Alan P John(3312) Amitav Soni(3315)	Video broadcast server	2019-20	AIT Pune	3 Months	Completed
7.	Aroop kumar(3324) Ashish(3327) Kilaparathi Chaitanya (3349)	Secure message transmission with end to end encryption implemented in C++ making use of diverse algorithms.	2019-20	AIT Pune	3 Months	Completed

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Army Institute of Technology
Department of Computer Engineering
Third Year 2019-20
CN Mini Project

8.	Niket Singh(3358) Sagar Game(3360) Mahendar Jakhar(3352)	BlockChain Based E-Voting System	2019-20	AIT Pune	3 Months	Completed
9.	Ameet Rana(3313) Avinash Tiwari(3330) Karan Bajwa(3347) Shubam Sharma(3362)	Chat app by simulating HTTP protocol	2019-20	AIT Pune	3 Months	Completed
10.	Abhishek Kumar Singh(3302) Basukinath Tiwari(3332) Avishek Singh(3331)	Website Scanner	2019-20	AIT Pune	3 Months	Completed
11.	Gaurav Kumar Singh(3340) Harshada Tikudave(3343) Sapana Yadav(3361)	Black hole attack on AODV	2019-20	AIT Pune	3 Months	Completed
12.	Asha Chauhan(3326) Menka Yadav(3354) Devender Singh(3335)	Collaborator text editor using web socket	2019-20	AIT Pune	3 Months	Completed
13.	Ganesh M(3339) Gaurav Kumar(3341) Gaurav Kumar(3342) Jay Singh(3345)	End to end encryption in video chat	2019-20	AIT Pune	3 Months	Completed
14.	Dhananjay Mishra(3336) Ashok(3328) Arpit Kumar Mishra(3325)	Simulation of IDS (honey pot) system over the Network	2019-20	AIT Pune	3 Months	Completed
15.	Amit Ghosh(3314) Mani Bhushan(3353) Laxman Sharma(3351) Monti Sarkar(3355)	Phishing Page through Localhost	2019-20	AIT Pune	3 Months	Completed

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Army Institute of Technology
Department of Computer Engineering
Third Year 2019-20
CN Mini Project

16.	Archana Saini(3321) Diksha Shahi(3338) Kareena Sharma(3348) Aarchit Singh(3323)	Check-in Check-out system using UDP.	2019-20	AIT Pune	3 Months	Completed
17.	Anshu Kumar(3319) Chandrakant Sharma(3333) Deepak Singh Shekhawat(3334) Anshuman Singh(3320)	Multicasting in java	2019-20	AIT Pune	3 Months	Completed

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Army Institute of Technology
Department of Computer Engineering
Third Year 2019-20
DBMS Mini Projects

Sr. No	Name of Students	Title of Mini Project	Year	Place of Work	Duration	Remarks
1.	Pranav Bhaskar (7313)	UID Management System	2019-20	AIT Pune	3 Months	Completed
2.	Amit Kumar Singh (7301) Ankit Kumar (7302) Ankit Kumar Mishra (7303)	AIT health management system	2019-20	AIT Pune	3 Months	Completed
3.	Nidhi Kumari (7306) Nikita Sachan (7308) Pooja KUDale (7311)	Music recommendation system	2019-20	AIT Pune	3 Months	Completed
4.	Pankaj Yadav (7310) Pragati Tomar (7312) Priya Pandey (7315)	Youtube video recommendation system	2019-20	AIT Pune	3 Months	Completed
5.	Rahul Singh (7318) Rishi Raj (7319) Robin Singh (7320)	Photo And video sharing social network	2019-20	AIT Pune	3 Months	Completed
6.	Rahul Yadav (7316) Prince Roshan (7314) Ashwani Sharma (7304)	Library book recommendation system	2019-20	AIT Pune	3 Months	Completed
7.	Nihal Babu (7307)	Online movie recommendation system	2019-20	AIT Pune	3 Months	Completed
8.	Naveen Indoria (7305) Pankaj Yadav (7309) Rahul Malhan (7317)	Attendance management system using ml	2019-20	AIT Pune	3 Months	Completed

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Army Institute of Technology
Department of Computer Engineering
Third Year 2019-20
SDL MINI-PROJECTS

Sr.No	Name of Students	Title of Project	Year	Place of Work	Duration	Remarks
1.	Ankit Mehta (3318) Adarsh Singh (3304) Akash Rajan Verma(3310)	Reduction Of Traffic And Pollution Using Transport Authentication	2019-20	AIT Pune	3 Months	Completed
2.	Abhishek Singh(3303) Anil Mudgal(3316) Aditya Saurav(3305)	Optical Character Recognition	2019-20	AIT Pune	3 Months	Completed
3.	Amitav Soni (3315) Alan P John (3312) Ajay Kumar (3306)	Vehicle Detection And Crowd Analysis	2019-20	AIT Pune	3 Months	Completed
4.	Akash Mall (3308) Akash Sangwan(3311) Shubam Sharma (3362)	DAKIAPP: Secure chat APP with End to End Encryption	2019-20	AIT Pune	3 Months	Completed
5.	Ashwani Ponia (3329) Archit Shukla (3322) Dheeraj Kumar (3337)	MIR Using FFT In Java	2019-20	AIT Pune	3 Months	Completed
6.	Monti Kumar (3355) Laxman Sharma (3351) Mani Bhushan (3353)	Malaria detection using Machine Learning.	2019-20	AIT Pune	3 Months	Completed
7.	Aroop Kumar (3324) Ashish (3327) K Chaitanya Kumar (3349)	Driver Drowsiness Detection System Using Opencv	2019-20	AIT Pune	3 Months	Completed
8.	Pratyush Rath (3359) Himalaya Negi (3344) Karan Aryan (3346)	Infant Cry Detection Using Deep Learning.	2019-20	AIT Pune	3 Months	Completed
9.	Harshada T (3343) Sapana Yadav (3361) Gaurav Kumar Singh (3340)	Image Sharing and Copyright Protection	2019-20	AIT Pune	3 Months	Completed
10.	Karan Bajwa (3347) Kareena Sharma (3348) Menka Yadav (3354)	Augmentation Of Security System With Emotions Detection	2019-20	AIT Pune	3 Months	Completed

Prof. R. R. Dhore
Head of Computer Department
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Dighi Hills, Pune-15.

Army Institute of Technology
Department of Computer Engineering
Third Year 2019-20
SDL MINI-PROJECTS

11.	Naresh Kumar (3357) Akash Kumar Singh (3307) Kumar Shivam (3350)	Stock Prediction	2019-20	AIT Pune	3 Months	Completed
12.	Sagar Game (3360) Niket (3358) Mahender Jakhar (3352)	Tax Collection Fluidity Using BlockChain	2019-20	AIT Pune	3 Months	Completed
13.	Ameet Kumar Rana (3313) Avinash Tiwari (3330) Dhananjay (3336) Diksha Shahi (3338)	Flappy Bird Game Using Deep Reinforcement Learning	2019-20	AIT Pune	3 Months	Completed
14.	Avishek Singh (3331) Abhishek Kumar Singh (3302) Ansuman Singh(3320)	Virtual Ai Assistant	2019-20	AIT Pune	3 Months	Completed
15.	Devender Singh(3335) Basukinath Tiwari (3332) Archana Saini (3321) Archit Singh (3323)	Decentralized Voting Web App Using Hyper ledger	2019-20	AIT Pune	3 Months	Completed
16.	Deepak Singh Shekhawat (3334) Chandrakanth Sharma (3333) Anshu Kumar (3319)	Loan Approval System Using Random Forest Classification	2019-20	AIT Pune	3 Months	Completed
17.	Ashok Singh (3328) Arpit Kumar Mishra (3325) Asha Chauhan (3326)	Decentralized messaging application on ethereum platform	2019-20	AIT Pune	3 Months	Completed
18.	Ganesh M (3339) Amit Kumar Ghosh (3314) Abhishek kumar (3301)	Twitter Sentimental Analysis	2019-20	AIT Pune	3 Months	Completed
19.	Gaurav Kumar (3341) Gaurav Kumar (3342) Jay Singht (3345)	Real time Sign language to text converter	2019-20	AIT Pune	3 Months	Completed

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Department of Information Technology

BE IT (2019-20)

Project - Groups, Titles & Guide List

Gr. No.	Roll No	STUDENT NAME	Guide	Project Title	Domain/Broad Area
1	4436	Pawan Ashok Phalak	Dr (Mrs) Sangeeta Jadhav	Forest Fire Detection from Satellite Imagery	Deep Learning, Image Processing
	4457	Veer Abhimanyu Singh			
	4458	Vighnesh Tiwari			
	4421	Durgendra Nath Upadhyay			
2	4427	Kritika Suman	Dr Rahul Desai	Authentication Using Keystroke Dynamics	Keystroke Dynamics, Security, ML
	4442	Rekita Supyal			
	4448	Shweta Dhanajirao Patil			
	4404	Abhishek Kumar Jha			
3	4452	Sumit Kumar	Dr Rahul Desai	Scene Text Detection using Machine Learning.	ML, Image Processing
	4428	Kulwinder Singh			
	4416	Bikrant Latwal			
	4422	Gaurav Singh			
4	4435	Pankaj Solanki	Dr Ashwini Sapkal	IMAGE CAPTIONING	Deep Learning , NLP
	4440	Rahul Chauhan			
	4415	Bharat Swaroop Sharma			
	4401	A Shiva Krishna			
5	4403	Abhijeet Singh	Dr Ashwini Sapkal	Visual Lip-reading with Deep-Learning	Deep Learning , Computer Vision
	4411	Apurva Nandkumar Patne			
	4451	Subhendu Das Mohapatra			
	4424	Harsimrat Kaur			
6	4423	Gayatri Basera	Prof Geeta Patil	Network intrusion detection system	Deep learning, ML
	4437	Prachi Dwivedi			
	4409	Ankita Kumari			
	4456	Varsha Kanwar			
7	4407	Amit Kumar Singh	Prof Geeta Patil	Road Damage detection using Deep Learning	Computer Vision
	4449	Somesh			
	4430	Mahesh Chandra			
	4459	Vishal Krishan			
8	4441	Rajesh Kumar	Prof Vaishali Ingale	Real Time Facial Emotion Recognition	Convolutional Neural Network , DNN
	4432	Munesh Kumar Yadav			
	4433	Naveen			
	4434	Neeraj Singh Chamyal			

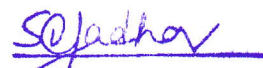
9	4439	Pushpender Singh	Prof Vaishali Ingale	Teach machine to read and comprehend text and answer the question	Deep Learning , ML
	4405	Aditi			
	4438	Puneet Kumar Mishra			
	4420	Dilip Kumar			
10	4408	Anjali Singh	Prof G. M. Walunekar	Reduction of Router Overhead and End to End Delay in MANET	Mobile Ad hoc Network
	4460	Y Anusha			
	4414	Astha Shukla			
	4446	Sourav			
11	4412	Arun Kumar Kushawaha	Prof Y N Gholap	License Plate Detection and Recognition using Machine Learning	ML, Deep Learning
	4402	Aakash			
	4450	Sourav Sharma			
	4418	Deepak Kulhar			
12	4453	Sunny Sarma	Prof G. M. Walunekar	Hand Sign Recognition using deep learning	ML, Deep Learning, Image Processing
	4429	Lalit Kumar			
	4455	Ujjal Pal			
	4444	Sarthak Rajneesh			
13	4406	Ajay Singh	Prof Sandeep Samleti	Black hole attack	Wireless sensor network
	4426	Jay Bahadur Pandey			
	4443	Rohit Kumar			
	4413	Ashwini Laxman Bhojane			
14	4410	Anshaj Upadhyay	Prof Rupali Bagate	The Sarcasm Detector - learning sarcasm from Twitter	ML ,Deep Learning
	4417	Deepa Yadav			
	4445	Satyajit Singh			
	4454	Swaraj Surendra Patel			
15	4447	Shahid Maula Kamirkar	Prof Aparna Joshi	Road Sense : Smartphone Application to estimate Road Conditions using Accelerometer and Gyroscope	ML, Android
	4431	Md. Maniruzzaman			
	4425	Himanshu Chandel			
	4419	Devendra Singh			

DEPARTMENT OF INFORMATION TECHNOLOGY

THIRD YEAR SUBJECT: SOFTWARE LAB-I MINI PROJECT LIST (2019-20)

Sr.No	Group No	Roll No	Student Name	Topic Name
1.	01	4325	Gaurav Sharma	AIT Mess
2.	01	4327	Harsh Tiwari	AIT Mess
3.	01	4329	Jagmohan Singh	AIT Mess
4.	01	4334	Mohit Gupta	AIT Mess
5.	02	4336	Pankaj Kumar	Night Canteen
6.	02	4337	Pradeep Kumar	Night Canteen
7.	02	4335	Neeraj Kumar	Night Canteen
8.	02	4362	Yogesh Kumar Sharma	Night Canteen
9.	03	4319	Dhanancheyan Anbuselvam	Alumni Meet
10.	03	4310	Arti	Alumni Meet
11.	03	4315	Chhavi Malik	Alumni Meet
12.	03	4321	Divanshu Tiwari	Alumni Meet
13.	04	4305	Aman Saini	E-Paper
14.	04	4307	Amarjit Singh	E-Paper
15.	04	4326	Harish Tomar	E-Paper
16.	04	4306	Aman Tiwari	E-Paper
17.	04	4312	Ayushi Sharma	E-Paper
18.	05	4360	VISHAL B SAVADE	Courier Services and Shipping
19.	05	4361	Vivek Kumar Ray	Courier Services and Shipping
20.	05	4354	Shubham Sharad Wagh	Courier Services and Shipping
21.	05	4355	Sunit Kumar Jena	Courier Services and Shipping
22.	06	4350	Saurabh Kumar	Customer Complaint Redressal
23.	06	4353	Shashank Sharma	Customer Complaint Redressal
24.	06	4348	Sachin Yadav	Customer Complaint Redressal
25.	06	4346	Rohit Kumar Chauhan	Customer Complaint Redressal
26.	07	4357	Tripurari Kumar	Hospital Management System
27.	07	4352	R Benjamin Franklin	Hospital Management System
28.	07	4358	Vidya Sagar Himansu	Hospital Management System
29.	07	4343	Rakesh	Hospital Management System
30.	08	4324	Gaurav Bhatt	Online College Note System
31.	08	4331	Krishan Kumar	Online College Note System
32.	08	4330	Kajal Sethi	Online College Note System
33.	09	4338	Pragati Patwal	Online Outpass System
34.	09	4328	Harshit Mishra	Online Outpass System
35.	09	4339	Prashant Singh	Online Outpass System
36.	09	4320	Dishant Dilip Pawar	Online Outpass System




 S. Jadhav
 HOD
 Department of
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DEPARTMENT OF INFORMATION TECHNOLOGY

THIRD YEAR SUBJECT: SOFTWARE LAB-I MINI PROJECT LIST (2019-20)

37.	10	4342	R Benjamin Franklin	Online Bidding System
38.	10	4345	Rohit Kumar	Online Bidding System
39.	10	4341	Pritika Prasad	Online Bidding System
40.	11	4301	Abhishek Kumar Singh	Automobile Lease
41.	11	4314	Bhupendra Yadav	Automobile Lease
42.	12	4303	Ajay Kumar	Online Course Management System
43.	12	4304	Aman Mishra	Online Course Management System
44.	12	4302	Adarsh Singh	Online Course Management System
45.	12	4308	Amit Kumar	Online Course Management System
46.	13	4316	Chinmay Gurjar	Expense Management System
47.	13	4311	Ashish Kumar Bisoi	Expense Management System
48.	13	4309	Anush Mohan	Expense Management System
49.	13	4315	Chhavi Malik	Expense Management System
50.	14	4351	Shalini Negi	Internconnect
51.	15	4344	Prince KUMAR	Online Bookstore with Recommendation
52.	15	4349	Saket Kumar	Online Bookstore with Recommendation
53.	15	4359	Vijay Yadav	Online Bookstore with Recommendation
54.	15	4347	Sachin Singh	Online Bookstore with Recommendation
55.	16	4356	Suraj Kumar Singh	Gym Management
56.	16	4322	Divit Adlakha	Gym Management
57.	17	4340	Prince KUMAR	Online Exam for CDS
58.	17	4332	Md Zaid Alam	Online Exam for CDS
59.	18	4317	Deepak Kumar Chauhan	TMS



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Department of
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Army Institute of Technology
Department of Mechanical Engineering
List of Project (2019-20)

Sr. No.	Name of Students	Title of project	Year	Place of work	Duration
1.	P Bharadwaja	Exhaust Extension Device to Enhance Engine Efficiency	2019-20	AIT Pune	1 Year
2.	G Akhil	Exhaust Extension Device to Enhance Engine Efficiency	2019-20	AIT Pune	1 Year
3.	Mehul Kumar	Exhaust Extension Device to Enhance Engine Efficiency	2019-20	AIT Pune	1 Year
4.	Udar Ganesh	Automatic and Eco-Friendly Duster Cleaning Machine	2019-20	AIT Pune	1 Year
5.	Malay Ranjan Sahoo	Automatic and Eco-Friendly Duster Cleaning Machine	2019-20	AIT Pune	1 Year
6.	Souvik Chatterjee	Automatic and Eco-Friendly Duster Cleaning Machine	2019-20	AIT Pune	1 Year
7.	O R N Karthik	Drowsy Driver Detection using Facial Recognition and Eye Tracking	2019-20	AIT Pune	1 Year
8.	Ajay Devan	Drowsy Driver Detection using Facial Recognition and Eye Tracking	2019-20	AIT Pune	1 Year
9.	Saanu Mathew	Drowsy Driver Detection using Facial Recognition and Eye Tracking	2019-20	AIT Pune	1 Year
10.	BhanuPratap Singh	Design of Headlight Moving Mechanism with Steering	2019-20	AIT Pune	1 Year
11.	Manoj Kale	Design of Headlight Moving Mechanism with Steering	2019-20	AIT Pune	1 Year

12.	Pankaj Kumar Chaurasia	Design of Headlight Moving Mechanism with Steering	2019-20	AIT Pune	1 Year
13.	Archit Bajpai	Aerodynamic Performance Enhancement of Wind Turbine Blade using Ribblets and Cavity	2019-20	AIT Pune	1 Year
14.	Rohit chauhan	Aerodynamic Performance Enhancement of Wind Turbine Blade using Ribblets and Cavity	2019-20	AIT Pune	1 Year
15.	Rohit Kumar	Aerodynamic Performance Enhancement of Wind Turbine Blade using Ribblets and Cavity	2019-20	AIT Pune	1 Year
16.	Mandeep Singh	Design Modification of Tava for Uniform Temperature Distribution	2019-20	AIT Pune	1 Year
17.	Gaurav Shahi	Design Modification of Tava for Uniform Temperature Distribution	2019-20	AIT Pune	1 Year
18.	Yogendra Sharma	Design Modification of Tava for Uniform Temperature Distribution	2019-20	AIT Pune	1 Year
19.	Avinov Ashish	Eco-Friendly Street Cleaner	2019-20	AIT Pune	1 Year
20.	Shailesh Kushwaha	Eco-Friendly Street Cleaner	2019-20	AIT Pune	1 Year
21.	Subhash Chandra	Eco-Friendly Street Cleaner	2019-20	AIT Pune	1 Year
22.	Mohit Negi	Development of Automatic Stamping Machine	2019-20	AIT Pune	1 Year
23.	Mohit Singh	Development of Automatic Stamping Machine	2019-20	AIT Pune	1 Year

24.	Santosh Bandgar	Development of Automatic Stamping Machine	2019-20	AIT Pune	1 Year
25.	Himanshu	Magnet Suspension for Bicycle	2019-20	AIT Pune	1 Year
26.	Jagat Jyoti Das	Magnet Suspension for Bicycle	2019-20	AIT Pune	1 Year
27.	Sangam Kumar Padhi	Magnet Suspension for Bicycle	2019-20	AIT Pune	1 Year
28.	Lovneet Rajawat	Development of Portable School Kit	2019-20	AIT Pune	1 Year
29.	Pawan Gurunani	Development of Portable School Kit	2019-20	AIT Pune	1 Year
30.	Prashant Singh	Development of Portable School Kit	2019-20	AIT Pune	1 Year
31.	B Nitin Kumar	Numerical Investigation of Heat Transfer Enhancement using Perforated Tapered Pin-Fins in Forced Convection Environment	2019-20	AIT Pune	1 Year
32.	Bishal Kashyap	Numerical Investigation of Heat Transfer Enhancement using Perforated Tapered Pin-Fins in Forced Convection Environment	2019-20	AIT Pune	1 Year
33.	Anurudh Kodoth	Numerical Investigation of Heat Transfer Enhancement using Perforated Tapered Pin-Fins in Forced Convection Environment	2019-20	AIT Pune	1 Year
34.	Amit Kumar	Numerical Investigation of Heat Transfer through Perforated Split Plate Fins	2019-20	AIT Pune	1 Year
35.	Brijesh singh	Numerical Investigation of Heat Transfer through	2019-20	AIT Pune	1 Year

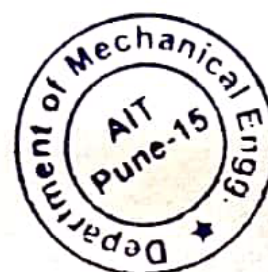
		Perforated Split Plate Fins			
36.	Abhishek Pundir	Numerical Investigation of Heat Transfer through Perforated Split Plate Fins	2019-20	AIT Pune	1 Year
37.	Pankaj Kumar Yadav	Design and Fabrication of Stairway Climbing Trolley	2019-20	AIT Pune	1 Year
38.	Pramod Kumar Saini	Design and Fabrication of Stairway Climbing Trolley	2019-20	AIT Pune	1 Year
39.	Prajay Boldhane	Design and Fabrication of Stairway Climbing Trolley	2019-20	AIT Pune	1 Year
40.	Niraj Kumar	Design and Development of 3-D Scanner	2019-20	AIT Pune	1 Year
41.	Rahul Singh	Design and Development of 3-D Scanner	2019-20	AIT Pune	1 Year
42.	Rohit Prasad	Design and Development of 3-D Scanner	2019-20	AIT Pune	1 Year
43.	Raja Kushwaha	Numerical and Experimental Investigations of Heat Transfer Enhancement using Elliptical Perforations	2019-20	AIT Pune	1 Year
44.	Rohit Bisht	Numerical and Experimental Investigations of Heat Transfer Enhancement using Elliptical Perforations	2019-20	AIT Pune	1 Year
45.	Rohit Patel	Numerical and Experimental Investigations of Heat Transfer Enhancement using Elliptical Perforations	2019-20	AIT Pune	1 Year

46.	Himanshu Singh	Design and Prototyping of Compact Paper Recycling Machine	2019-20	AIT Pune	1 Year
47.	Anuj Singh	Design and Prototyping of Compact Paper Recycling Machine	2019-20	AIT Pune	1 Year
48.	Dikshant Bisht	Design and Prototyping of Compact Paper Recycling Machine	2019-20	AIT Pune	1 Year
49.	Kumar Saundarya	Step Power Generation	2019-20	AIT Pune	1 Year
50.	Malay Mishra	Step Power Generation	2019-20	AIT Pune	1 Year
51.	Shubham Kumar	Step Power Generation	2019-20	AIT Pune	1 Year
52.	Niranjana Nair	Experimental Investigation of Desert Cooler for Water Cooling	2019-20	AIT Pune	1 Year
53.	Rachit Bandale	Experimental Investigation of Desert Cooler for Water Cooling	2019-20	AIT Pune	1 Year
54.	Suggu Hemant	Experimental Investigation of Desert Cooler for Water Cooling	2019-20	AIT Pune	1 Year
55.	Swadesh Suman	Experimental and CFD Analysis of Wavy Flag Vortex Generator used for Heat Transfer Enhancement	2019-20	AIT Pune	1 Year
56.	Vineeth Uppada	Experimental and CFD Analysis of Wavy Flag Vortex Generator used for Heat Transfer Enhancement	2019-20	AIT Pune	1 Year
57.	Swati Singh	Experimental and CFD Analysis of Wavy Flag Vortex Generator used for Heat Transfer Enhancement	2019-20	AIT Pune	1 Year
58.	Arun Kumar Saraswat	Design and Optimization of Seed Sowing Machine	2019-20	AIT Pune	1 Year
59.	Deepak Singh Bora	Design and Optimization of Seed Sowing Machine	2019-20	AIT Pune	1 Year

60.	Shivam Singh Tomar	Design and Optimization of Seed Sowing Machine	2019-20	AIT Pune	1 Year
61.	Abhishek Kumar	Driver Distraction Detection System	2019-20	AIT Pune	1 Year
62.	Vishal Salaria	Driver Distraction Detection System	2019-20	AIT Pune	1 Year
63.	Vinay Kumar Tiwari	Driver Distraction Detection System	2019-20	AIT Pune	1 Year

Sanjiv M

Dr Sanjiv M Sansgiri
Professor and Head
Professor & Head
Department of Mechanical Engg.
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Pune- 411 015.



ARMY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
Final Year Project List: 2019-20

Division A :

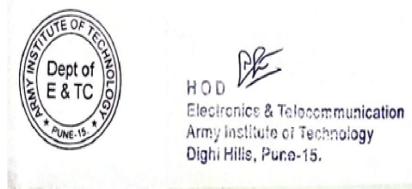
GR	ROLL NO.	STUDENT NAME	TITLE OF PROJECT	SPONSORED	GUIDE
A1	5411	PANKAJ YADAV	DESIGN & DEVELOPEMENT OF AUTOMATIC NAVIGATION BOT	ROBU.IN	DR. G. R. PATIL
	1429	BHARAT PRASAD DIXIT			
	1434	DEEPAK KUMAR YADAV			
A2	1457	SUSHIL BAPURAO DHEMBARE	DESIGN & IMPLEMENTATION OF SMART IOT BASED SMART WASTE MANGEMENT SYSTEM	BLUEBRICKS	DR. G. R. PATIL
	1409	AKASH BHADORIA			
	1452	SAIKIRAN DONKANA			
A3	1445	MRITUNJAY KUMAR SINGH	AUTOMATIC REAR-VIEW MIRROR ADJUSTMENT SYSTEM (ARMA)	INHOUSE	DR. SUREKHA K.S.
	1437	GAURAV MANOJ SALASKAR			
	1441	MANISH SHAKYA			
A4	1405	ABHISHEK YADAV	SMART TOLL PLAZA SYSTEM	INHOUSE	PROF D G AURADKAR
	1414	ANANYA SHYAMAL			
	5415	POOJA KUMARI			
A5	1420	ANKIT BISHT	IOT BASED VEHAL CAL DETECTION & INTELLIGENT TRAFFIC LIGHT CONTROL SYSTEM USING IMAGE PROCESSING	INHOUSE	PROF J B JAWALE
	1421	ANKIT YADAV			
	1406	ABHISHEK YADAV			
A6	5446	SUNIL SINGH MANOLA	IOT BASED AUTOMATION IN RIVER MANAGEMENT	INHOUSE	PROF J B JAWALE
A7	1423	ANKUSH MANDAL	REAL TIME IOT BASED ANALYTICS SYSTEM FOR AGRICULTURE	INHOUSE	DR. S.D. OZA
	1422	ANKUR CHOPRA			
	1426	ASHISH MISHRA			
A8	1439	HITABRATA NATH	CAN PROTOCOL OPTIMIZATION	INHOUSE	PROF SUSHMA PATIL
	1440	KANIKA MANHAS			
	1443	MEGHA DARSHANI SWAIN			
A9	1447	NEERAJ KUMAR SINGH	VEHICLE ACCIDENT DETECTION SYSTEM	INHOUSE	PROF VIJAYKUMAR KARRA
	1453	SANDEEP KUMAR			
	1433	DEEPAK KUMAR			
A10	5422	RICHA TIWARI	VULNERABILITY SUPERVISION OF CNC	INHOUSE	PROF AVINASH PATIL
	1459	VIJAYAKRISHNA RAO KURRA			
	1454	SANJEEVANI SAWANT			
A11	1415	ANANYA TIWARI	SECURE RADIO FREQUENCY TRANSMISION FOR PAPERLESS VOTING SYSTEM	INHOUSE	DR. RENUKA BHANDARI
	1424	ANSHU BANERJEE			
A12	1430	DAYA SHANKAR VIDYARTHI	CREDIT/DEBIT CARD FRAUD DETECTION SYSTEM	INHOUSE	PROF PREETI WARRIER
	1458	VARSHIT YADAV			
	1455	SARTHAK VASUDEVA			
A13	1411	AMAN SINGH	ASSET MANAGEMENT SYSTEM	INHOUSE	PROF GIRISH KAPASE
	1412	AMARJEET SAINI			
	1413	AMIT JOSHI			

PROF. AVINASH PATIL
DR. RENUKA BHANDARI
PROJECT CO-ORDINATORS

DR. G R PATIL
HOD, E&TC

ARMY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
Final Year Project List: 2019-20

GR	ROLL NO.	STUDENT NAME	TITLE OF PROJECT	SPONSORED	GUIDE
A14	1432	DEEPAK KUMAR	AUDIO CLASSIFICATION USING SIGNAL PROCESSING & DEEP LEARNING	INHOUSE	PROF GIRISH KAPASE
	1436	DHIRAJ SHARMA			
	1460	RAHUL			
A15	1404	ABHISHEK KUSHWAHA	USER OPERATED BILLING SYSTEM IN MAIL	INHOUSE	PROF SHILPA PAWAR
	1431	DEEPAK KUMAR			
	1446	NAWAB ALAM			
A16	1442	MANJIT SINGH	DRAWSINESS DETECTION & ALRTING SYSTEM	INHOUSE	PROF RAJASHREE SURYAVANSHI
	1444	MOHIT YADAV			
	1403	ABHISHEK KUMAR SINGH			
A17	1417	ANISH KUMAR	IOT SMART ENERGY METER	INHOUSE	PROF SNEHAL MARATHE
	1418	ANJANI KUMAR DUBEY			
	1419	ANKIT			
A18	1408	ADRASH SINGH	WATER MANAGEMENT & LEAKAGE DETECTION SYSTEM.	INHOUSE	PROF SNEHAL MARATHE
	1401	ABHIJIT BHOSLE			
	1410	AKASH TANDLE			
A19	1448	NIKHIL RAJULE	AUTONOMOUS RUNWAY DETECTION	INHOUSE	PROF PRAGATI RANA
	1450	PRANJALI DONGARE			
	1456	SHREYA SHARMA			
A20	1449	PAVAN KUMAR NANGI REDDY	SMART BARRICADE SYSTEM	INHOUSE	PROF PRAGATI RANA
	1427	ATHARVA MANGESH WANKHADE			
	1425	ARAVINDA HATI			



PROF. AVINASH PATIL
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PROJECT CO-ORDINATORS

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HOD, E&TC

ARMY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
Final Year Project List: 2019-20

Division B

GR NO	ROLL NO.	STUDENT NAME	TITLE OF PROJECT	SPONSORED	GUIDE
B1	5414	POOJA GANGOLA	IOT BASED FOOD MONITORING SYSTEM IN WAREHOUSE	INHOUSE	DR.SUREKHA K.S.
	5438	SHIVANI BHANDARI			
	5439	SHIVANI VERMA			
B2	5404	ASHWINI RAJKUMAR PATIL	SMART MUNICIPAL SOLID WASTE MANAGEMENT	INHOUSE	DR.SUREKHA K.S.
	5449	SWATI JHA			
	5450	UMA KUMARI			
B3	5405	JITENDRA GUPTA	SMART CROP PROTECTION SYSTEM FROM WILD ANILMAS	INHOUSE	PROF D G AURADKAR
	5421	RAUNAK PANDEY			
	5428	SACHIN GAUR			
B4	5420	RAJESHWAR RAOSAHEB SHINDE	ELECTRONIC SOLUTION TO ADDRESS TRAFFIC ISSUE NEAR BUS STOP	INHOUSE	DR.P B KARANDIKAR
	5426	RITIKA RAIN			
	5451	UTKARSH MISHRA			
B5	5406	MUKESH KUMAR LOHANI	WATER ATM	INHOUSE	DR. P B KARANDIKAR
	5416	PRATEEK SINGH			
	5425	RITIKA NAGARKOTI			
B6	5403	AKSHAY TIWARI	DYNAMIC WIRELESS CHARGING OF VEHICLE.	INHOUSE	DR. B P PATIL
	5408	P SURAJ KUMAR			
	5410	PANDURANG T PAWAR			
B7	1438	GOVIND KUMAR MISHRA	SMART POWER MANAGEMENT SYSTEM	INHOUSE	DR. S D OZA
	5437	SHIVA PAL			
	5441	SIMON SINGH			
B8	5412	PARWINDER SINGH	OPTIMIZED ARCHITECTURE FOR MANIPULATION OPERATIONS	INHOUSE	PROF SUSHMA PATIL
	5418	RAASHIK KARIAPPA			
	5433	SAKSHI KULHARI			
B9	5457	VIKSHIT SINGH RATHOR	DETECTION SYNTHESIS AND ANALYSIS OF BRAIN FUNCTION USING NUMEROFEEDBACK TECHNOLOGY	INHOUSE	PROF VIJAYKUMAR KARRA
	5459	VINISH KUMAR			
	5460	YASHVEER SINGH			
B10	5443	SUDHA	ADVANCE TPMS (TYRE PRESSURE MOITORING SYSTEM)	INHOUSE	PROF AVINASH PATIL
	5444	SUFI ALI			
	5445	SUNIL KUMAR			
B11	5417	PRERNA SINGH	DESIGN & IMPLEMENTATION OF BLACK BOX FOR SECURITY & MONITORING OF AUTOMOBILE	INHOUSE	DR. RENUKA BHANDARI
	5423	RISHAB TIWARI			
	1451	RANA SOURAV KUMAR SINGH			
B12	5409	PAILA SRINIVASA RAO	SURVELLIANCE SYSTEM FOR MILITARY APPLICATION	INHOUSE	PROF PREETI WARRIER
	5419	RAHUL SINGH			
	5424	RISHABH SINGH			

PROF. AVINASH PATIL
DR. RENUKA BHANDARI
PROJECT CO-ORDINATORS

DR. G R PATIL
HOD, E&TC

ARMY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
Final Year Project List: 2019-20

GR NO	ROLL NO.	STUDENT NAME	TITLE OF PROJECT	SPONSORED	GUIDE
B13	5402	AKASH AUTI	IOT BASED AUTOMATION IN POULTRY FARM	INHOUSE	PROF RAJASHREE SURYAVANSHI
	5429	SACHIN KAUSHIK			
	5434	SHAMAL SAMBHAJI PATIL			
B14	5401	A RAHUL	DETECTION AND ANALYSIS OF TYPE OF CARDIVASCULAR DISEASE (CVD) USING IOT	INHOUSE	PROF SHILPA PAWAR
	5413	PAWAN KUMAR			
	5447	SUPRABHA KUNDU			
B15	5407	NITESH KUMAR	SOLDIER'S HEALTH MONITORING & POSITION TRACKING SYSTEM	INHOUSE	PROF DHANASHREE PATIL
	5442	SUBHADIP MAITY			
	5448	SURBHI SHARMA			
B16	5452	VATSAL RAI	ANTITHEFT CAR SYSTEM USING RASPBRY PI	INHOUSE	PROF DHANASHREE PATIL
	5453	VENKATESHWAR TIWARY			
	5454	VICHITAR SINGH			
B17	5427	SACHIN CHAUHAN	PRINTER MANAGEMENT & SECURITY USING WEBPRINT & PULL PRINTING	INHOUSE	PROF MANISHA NILKANTH
	5430	SACHIN KUMAR			
	5431	SAHIL SACHAN			
B18	5455	VICKY PACHORI	MILK MINITORINGSYSTEM FOR DETECTION OF MILK ADULTERATION	INHOUSE	PROF.MANISHA NILKANTH
	5456	VIKAS MISHRA			
	5458	VINAY KUMAR			
B19	1407	ADITYA SINGH	CARBON FOOTPRINT & IMPOSITION ON TAX	INHOUSE	DR. HARJEET KAUR
	5432	SAHIL SHARMA			
	5435	SHARAD SINGH BISHT			
B20	1435	DEEPAK YADAV	ELECTRONIC FUND TANSFER SYSTEM	INHOUSE	DR. HARJEET KAUR
	5436	SHASHANK SHARMA			
	5440	SHOBHAN NATH			



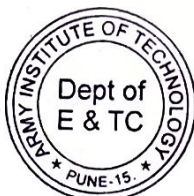
 HOD 
 Electronics & Telecommunication
 Army Institute of Technology
 Dighi Hills, Pune-15.

PROF. AVINASH PATIL
DR. RENUKA BHANDARI
PROJECT CO-ORDINATORS

DR. G R PATIL
HOD, E&TC

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
TE E&TC - ESMP AY 2019-20

Sr. No.	Roll No.	Name of Students	Title of Project
1.	1302	Abhishek Panda	Light Dependent wall clock with Temperature display
	1303	AbhishekRana	
	1307	Amar Barik	
2.	1304	Ajay MP	Pollution Monitoring System
	1315	Divya Singh	
	1316	DonkinaDivya	
3.	1301	Abhishek Kumar	Smart Visitor Counter & Locking Mechanism
	1308	Amit Kumar	
	1309	Arjun Dogra	
4.	1306	Akhilesh Singh	Smart Water Tank
	1310	Ashish	
	1311	Ashish Patel	
5.	1305	AkanshuSoni	Wireless Digital Notice Board using GSM Technology
	1313	Chandan Kumar	
	1352	Shavra Yaqub Shah	
	1314	Deven Mali	
6.	1331	NidhiYadav	Remote Patient Monitoring System
	1332	NishaKumari	
	1327	Menka Thakur	
7.	1321	Jay Kumar Das	Gesture Controlled Wheelchair
	1322	Kenneth Dsilva	
	1326	MdSarwar E Jahan	
8.	1319	Hemanth Krishna	Smart Shopping Market
	1320	Himanshu	
	1325	MaramreddyMaheswar Reddy	
9.	1317	Gaurav Bisht	Smart Footstep Power Generation System
	1330	Neeraj Singh	
	1328	N Lalit Mohan Reddy	
10.	1318	Gulshan Kumar	Air pollution control system Vehicle
	1323	Krishna Jee Mishra	
11.	1335	Pranay Agrawal	Sun Tracking Solar System
	1340	Ranvijay Singh	
	1342	Ritik Bora	
12.	1338	Rajneesh	Patient Monitoring System
	1348	Sanjay Kumar	
	1346	Rupesh Kumar	
13.	1344	Rohit Singh	Smart Traffic Management System
	1337	PriyankaSingha	



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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
TE E&TC - ESMP AY 2019-20

Sr. No.	Roll No.	Name of Students	Title of Project
14.	1336	PritikantSahoo	PIR based Security System
	1339	Raman Kumar	
15.	1334	Piyush Tiwari	Sign Language Translator for Speech Impaired
	1333	ParthrajsinhGohil	
	1345	RoshanKishorNikam	
16.	1341	Rimjhim Singh	Electronic Voting Machine with GSM Module & Digital lock
	1343	Ritish Kumar Sharma	
	1354	Shivani	
	1347	RutujaSidramPatil	
17.	1355	Sneha	Street Light control using Piezoelectric Sensors
	1360	Upasana Singh	
	1357	Subhash Kumar Pal	
18.	1350	Saurabh	Workplace Alcohol Detection with Instant Reporting
	1353	Shipra	
	1359	Sweta Pal	
19.	1349	Saumyakanta Khatua	Office Security System
	1358	Swastika katoch	
	1361	Vipin	
	1362	Vivek Kumar	
21.	1364	Arun Singh	Audio data transmission through Li-Fi
	1365	Naveen Kumar	
22.	1356	Sourav Kumar	Automatic Railway Gate
	1363	Raushan Kumar	
	1366	Hemant Singh	

Faculty Incharge

Mr. Avinash Patil

Ms. Sushma Wadar

Avinash
Sushma

HOD E&TC

Dr. G R Patil

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Electronics & Telecommunication
Army
Dighi Hills, Pune-10.

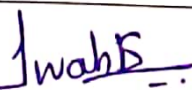


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Department of Applied Science & General Engineering

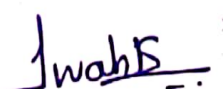
Divisions	Batch & Group	Names of Students	Name of Topic	Technologies / Software's students learning for the Project
FE Class A	A1 Prof D G Auradkar	Vikas Nigam Pratap Vishal Yasant Aarti	Recycling of Electricity	Experiment
		Shubham Chubey Bunty Kumar Pawan Kumar Arvind Garima	Reduce Food Wastage	Experiment
		Aman Singh Rohit Kumar Vikram Singh Suresh Swathang	Voyage India	Mobile Application can be made for the same
		Pankaj Ankit Prashant Saurabh Rohit	RFID payment in public transport with biometric confirmation	Mobile Application can be made for the same
	A2 Prof Rushikesh Patil	Vishwa Sharma Aman Thakur Kuldeep Rathore N Purushottam Varun Kumar	Traffic Light Control for Ambulance	Electronics Equipments can be used
		Ajay Annu Mukul Shailendra Shubham	Application for Medical Aid in Emergency Situation	Electronics Equipments can be used
		Priya Kumari T Rohit Kumar Puja Nayak Arjun Nakul Chawdhary	Emergency Treatment App	Mobile Application can be made for the same
		Abhishek Kumar Rohit Kumar Bohra Alok Singh Uday Kiran Rajeev Singh	E – Vehicle with Solar Energy	Simulation technique can be used
	A3 Prof Anita Ahire	Rishabh Rathore Vikas Singh Komal Kumari Parvesh Kumar Ashwin Gupa	Apps to make college life and schedule easier to manage	App
		Rohit Kumar Rajeev Kumar Rahul Kumar Yadav Manoj Kumar Rahul	Online complain portal for AIT	Web site
		Aryan pandey Abhishek Singh Amol Charak Parvjyot Singh Pravin Yadav	Smog Filter Tower	Simulation mode / Protocol
		Manish Kalyan Ankit Ahrma Ishan Awasthi Prince Kumar Pandey Rishu Rai Shubham	Safe and Secure Tourism through website	website

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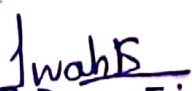
Divisions	Batch & Group	Names of Students	Name of Topic	Technologies / Software's students learning for the Project
FE Class B	B1 Prof Rushikesh Patil	Saurabh Game Rahul G Deepak Reddy Rohan Khandkole Md Kasib	New Methods of Irrigation	Electronics Equipment will be used for the new methods of Irrigation
		Abhishek Kumar Katyani Singh Akash Saksena Shuvendu Maity	Cell Phone based Voting System	Mobile application can be made for the same
		Yashkrit Singh Mona Yadav Vikas Yadav Pankaj Kumar Somesh Singh	Online Payment Security	Web based application can be made
		Preeti Ankit Kumar Tiwari Sanjiv Kumar Mayank Kaushik Aman D Tushar	Aquaculture	App based farming solution
	B2 Prof Anita Ahire	Ishan Das Ravi Kumar Rahul Sharma Sushil Kumar Akash yadav	Attendance alert by software	Website
		Nikhil Madhukar Mukul Upadhyay Risav Katara Mohit Saini	Buying Guide for Laptop & Mobile	Website
		Vaibhav Kumar Chaudhary Sachin Chaudhary Puneet Yadav Preet Rathi Rakesh Kumar Tiwari	Website for beginners for learning Programming language and coding	Website
		Kumari Palak Suryadev Singh Aman Singh Harsh Kumar Snehashish Sahoo	"AIT Bazaar" a web portal to sell Used items in AIT campus	Website
	B3 Dr Sujata Marthe	Shekhar Kumar Singh Rohit Kumar Chandresh Singh AayushKuhite Govind Prasad Sharma	Real time Database for live updates	Java, XML, JSON, Kotlin
		Ajay Kumar AnkurSolanki Gaurav Mehta Omkar More Varun Kumar	Website for events information	Java, MySQL, UI
		K R Shiva AnkitGadhwal Manish Aswal NeerajSoun M Likhith	U-turn indicator	Electrical circuits
		SwapnilSinha Prashant Rajput Rahul Makant VashDalal Ayush Kumar	Pathfinder- to programming courses	Java, XML, Python, Kotlin


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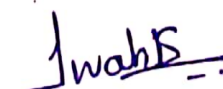
Divisions	Batch & Group	Names of Students	Name of Topic	Technologies / Software's students learning for the Project
FE Class C	C1 Prof Sachin Tanwade	Dweep Mishra Bharat S Aditya Tathagath Ritik Singh Bisht P Ali Altaf Khan	DEDED (Warehouse digitalization)	HTML, CSS and Javascript
		Abhishek Kumar Akash Sharma Ashu Sharma Gaurav Singh Ritik Bhatt	Raaga Home Based Automation System & IoT	Arduino
		Varun Rawat Pankaj Kumar Vaibhav Vinay Kumar Yash	Developing a website for medical patient ID	HTML, CSS and Javascript
		Nikhil Kumar Vivek Mehta Abhishek Shedge Rajyog Tiwari Manish Kumar	CCTV footage on mobile phones	DVR
	C2 Dr Swati Kulkarni	Saveen Kumar Kapil Poonia Shubham Rana Chirag Kapil Digvijay Singh	Mobile Addiction App	OSS, Andriod Studio, Java
		Rinkhu Gabhane Manish Sikawar Nishant Rana Ketan Kumar	Renting App	HTML, CSL, JAVA, PHP
		Ajay Priya Shrinivas Rahul Ghosh	Virtual Reality Game	Many game development technologies used also Game Development Club is proposed
		Anil Yadav	SAE	Baha Supra
		Shivendra Kaushal Soumyadeep Sahoo Vaibhav Dikshit Nikhil Kumar Singh Shubham Singh	Web Page Interface for Learning Node	HTML, CSS Javascript,
	C3 Prof M Chandola	Anuranjan Kumar Saurav Singh Yogesh Kumar Ashish Tiwari B Sai Teja	Electronic Voting System	Android Studio, fire based authentication and storage, XML, NOSQL
		Aayush Kumar Prateek Shivam Sharma Shantanu Shukla Ravindra Singh	Website for Genuine feedback	Node JS, HTML, CSS and cordova
		Sandesh Kumar, Shorabh Singh Nikhil Raghuvanshi Vishal N Bhavana	Smog Tower	Learning different ways for air purification, using conventional/renewable sources of energy
		Harish Kumar Bajiya Anat Kamal Anurag Surya Pratap Singh	Jam Free	Programing Raspberry pi chip, phython, edge sensing


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Divisions	Batch & Group	Names of Students	Name of Topic	Technologies / Software's students learning for the Project
FE Class D	D1 Dr Sujata Marathe	Aniket Saha Rahul Bhatt Prince Yadav Kamaluddin Yadhu Krishna	Online e-wall notifications website	Bootstrap, HTML, JS, Angular etc
		Rajesh kumar Sumeet Kumar Anurag Singh Nitish Kumar Vishal Sharma	App for AIT club activities	Java, Android studio, Basic Kotlin, XML, API etc.
		Adarsh Singh Prakash Harish Reetesh Tomar P Divya Bharti	E Voting website	Java, MySQL, JQUERY, Bootstrap, PHP etc.
		Nishu Malik Manish Kumar Setan Singh K. Kalyani D Sravani	Recycling of plastic milk pouches	Experimental
	D2 Dr Seema Tiwari	Azaz Sheikh Arvind Kumar Rahul Chauhan Vipin Kumar Arpit Singh	Ganga Healthcare	Python, html, Java
		Rohit Krishna Navneet Mahima Ravi	Hostel management app	Kotlin, html, android
		Atul Irshad Shushant Tanuj Rahul	App for women safety	Kotlin, Java
		Uttam Dipesh Prabal Deepu	App- E Bazaar for AIT	Java, Adobe-xd
	D3 Dr Harjeet Kaur Dr Shradha Oza	Sarandeep Singh Ankit Yadhav Sai Kumar Sneh Rathore Lavanya	Text to Speech for Blind	Application Development using OpenCv
		J. Rammohan Reddy V. Sri vaishnav Jatin N. Anupam Kumar Jagat Vikas	Collaborative farming using Web Technology	• Web Development • Database Services for farmers
		D. Vijay Kumar Kapil Pradeep Lavlesh Dwivedi Aman Sharma	Come and Donate Blood	• Web Development • Cloud
		Pranav Surendran Rajveer Hardik Pandya Ankit Kumar Sumit Dahiya Deepak Barnwal	Real time Database	• Arduino Development Platform • Object Detection using OpenCV • Robotics


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Divisions	Batch & Group	Names of Students	Name of Topic	Technologies / Software's students learning for the Project
FE Class E	E1 Dr Seema Tiwari	Khushi Anubhav Nishu Isha Nitish	e-voting app	AI,Java,c+,CSS,html
		Ritu Ravinder Navdeep Ayush Manoj	Piezo electric sensors	Sensors,IOT,AI
		Vedangi Mayank VedPrakash Arya Mayank	App development	AI,Java,c+,CSS,html
		Manish Kumar ArindamDey Vikrant Sahu Amit Kumar	Energy through Suspension Mechanism	Mechanical Engg,AI
	E2 Dr Swati Kulkarni	Anchal Gupta Gaurav Yadav Shashank Lakshman Puncet	Coding Platform for students	HTML, JAVA, CSS
		Abhishek Ranjan Syan Ghanti M Yashwi J Vijay Abhay Godhara	Way to Competitive Programing	HTML, JAVA, CSS
		Rakesh Tholia Saurav Pandey Vijay Thite Aman Sangwan Rajesh Vishnoi	Chatbot for AIT website	Python, HTML, SQL
		Tushar Raj C Phanendra Nalin Mahala Rushikesh Mogle	Clearing Doubts of students	HTML, JAVA, Node GS
		Ankit Kumar	Automation by Pi (One way Encryption)	IOT
		K Pradeep	Working with Dr P B Karndikar	
	E3 Prof Avinash Patil	Prashant Patil Vikas Rana Jatin Kumar Abhishek Singh Sahil Kumar	i-Go, your Journey our Planning	Web Scrapping, Python, HTML, CSS, Selenium JS, JSON, BS4
		Tanmay Sharma, Mayank Kumar Ajay Kumar Keshav Saini Wamsi Krishna	i-SAC NexGen Campus	Embedded C, Python, Proteus, Node MCU, Relay Board, Sensor, RTC
		Rashik Rawat Shivangi Chauhan Tanvy Bhola Abhay Jalotra Rohit Kumar	Unbiased Decision Maker	Proteus, Eagle, Analog and digital circuit Design


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		Shambhavi Chaudhary Ankit Kumar Ranjan Prem Kumar Mandeep Chaudhary Neeraj Singh Ashna Vaid	Mobile Robot navigated by DTMF	Embedded C Proteus, Eagle, DTMF, Arduino IDE
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