About M.Tech

ABES Engineering College provides a two-year Full-time Masters in Technology. (M. Tech Program) with specialization in Electronics and Communication Engineering. This Program was initiated in 2009 under Affiliation from AKTU with an aim to prepare the aspirants for leading roles in Research & Development or Design functions of Electronics Engineering Industries. At ABES, during the duration of two years, students are given exceptional knowledge on various technologies which enhances the skills of a candidate and makes him or her specialist in a particular area or field like Wireless Communication, Optical Communication, Microwave Communication, VLSI Design, Automation and Wireless Sensor Network to opt for his / her dissertation.

Eligibility criteria

B.Tech. in ECE/EE/EEE with minimum 60% marks

Financial Support

* Scholarship equivalent to 50% of tuition fee during 1st  year for candidates securing 65% / 6.5 CGPA (60% / 6.0 CGPA for ABESEC Alumni) or above aggregate marks in B.Tech.
* Scholarship equivalent to 100% tuition fee during 1st year for candidates securing 75% / 7.5 CGPA (70% / 7.0 CGPA for ABESEC Alumni) or above aggregate marks in B.Tech.
* Teaching Assistantship of Rs. 7000/- (1st Year) & 8000/- (2nd Year) per month will be provided to eligible candidates.

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| **STUDENT NAME** | **DISSERTATION TITLE** | **GUIDE NAME** |
| Ms. Vartika | Performance Analysis of FSO for various Modulation Schemes in Atmospheric Turbulence | Prof. (Dr.) Priyanka Bhardwaj  Dr. Manidipa Roy |
| Ms. Zoya Akhtar | A Comparative Performance Analysis of Centralized and Distributed Hierarchical Routing Protocols in WSN | Prof. (Dr.) Himani Garg  Prof. (Dr.) Sanjay Kr. Singh |
| Ms. Mili Verma | A Decentralization Damage Detection for Wireless Sensor and Actuator | Dr.Himani Garg  Mr. Navneet Sharma |
| Ms. Jayati Saxena | Remote traffic control and monitoring system | Ms. Ranjeeta Yadav/                                    Prof (Dr.) S. K. Singh |
| Ms. Shubhangi Chakole | Peak to Average Power Ratio Reduction in LTE-OFDMA | Ms. Dipa Nitin Kokane/                                Prof (Dr.) S. K. Singh |
| Ms. Shaifali Shrivastava | On OSPF Performance Analysis | Dr. Himani Garg |
| Mr. Anuj Kumar | Underwater Communication using IDMA | Ms. Dipa Nitin Kokane/                                   Mr. Shailendra Bisariya |
| Mr. Ashish Sachan | Reducing the Peak to Average Power Ratio Problem in OFDM | Ms. Dipa Nitin kokane |
| Mr. Amit Kumar Srivastav | Ameliorated Structure of Current Controlled Conveyor (CCCIT) and its Performance | Mr. Deepak Garg |
| Ms. Aarti Bhaskar | Performance Analysis of n-fin FET by Using Different Doping | Mr. Deepak Chaudhary/Dr. Astik Biswas |
| Ms. Namrata Rastogi | Improved Chracteristics of Microstrip Patch Anteena Using Reactive Impedance Surface | Ms. Rakhi Kumari/Ms. Dipa Nitin Kokane |
| Ms. Vaishnavi Verma | Miniaturization and Bandwidth Enhancement of Microstrip Patch Antenna by Using DGS | Mr. Deepak Chaudhary/ Ms. Ranjeeta Yadav |
| Ms. Manisha Gupta | Dual Band/Dual Polarization Antenna | Mr. Rakesh Kumar/Dr. Sachin Gupta |
| Ms. Gitanjali Sharma | VLSI Implementation of Parallel Prefix Adder | Mr. Shailendra Bisariya/Mr. Deepak Garg |
| Mr. Adiya Narayan Tripathi | Design and Analysis of atch Antenna | Mr. Abhay Goyal/Dr. Himani Garg |
| Ms. Sonal Gupta | Improvement of waveguide design parameter to reduce crosstalk between the waveguide. | Mr. Mudit Saxena |
| Ms. Kunjali Bhardwaj | Using minimal paths algorithm for measurement of network reliability. | Dr. Neerja Jinadal |
| Ms. Renu Shrama | Designing and simulation of Pythagorean multiband tree antenna. | Ms.Dipa Nitin Kokane |
| Ms. Priyanka Rani | Extraction of face features using Gabor filter with support vector machine and neural. | Dr. Deepak Garg |
| Mr. Ashish | Performance analysis of n-fin FET by using different gate material oxides. | Mr. Sanjay Mahawar/ Dr. S.K.Singh |
| Ms. Ruchi Giri | Performance Analysis of different modulation techniques in multipath fading channel for W-CDMA | Prof. Arun Kumar Arora |
| Ms. Bhavana Varshney | FDTD and FEM Analysis of horn antenna | Mr. Manish |
| Ms. Chinmayee Jena | Nondestructive evaluation with active infrared thermography | Mr. Alok Kumar Singh |
| Mr. Ramit Lala | Modified neural network for face and eye recognition | Mr. Alok Kumar Singh |
| Ms. Romya Bhatngar | Harmonic reduction in PWM Inverter using Fuzzy Logic | Prof. Malik Moazzam Anwar |
| Ms. Ruby Shukla | Analysis of image watermarking LSB modification and spread spectrum technique | Mr. Manish |
| Mr. Vaibhav jain | Analysis and determination of limit cycle in second and higher order analog filter | Dr. Deepak Garg |
| Ms. Ruby Shukla | Analysis of image water marking: LSB modification and spread spectrum Technique | Mr. Manish |
| Ms. Sadhna Pal | Technique for removal of base line fluctuation in electro-gram signal | Mr. Manish |
| Ms. Alka Singh | Recognition of speaker using MFCC & Delta MFCC. | Ms.Surekha Ghangas |
| Ms. Ruchi Modi | Power-efficient free space MIMO wireless communication using spatial diversity. | Dr.Deepak Garg |
| Mr. Akhilesh Kumar Verma | Multiple input Multiple output System for a digital communication system. | Mr.Manish |