



PRAFUL BHAGAT



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN & MANUFACTURING (IIITD&M)
KANCHEEPURAM, CHENNAI - 600127

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EDUCATION

Program	Name of the Institution	%/CGPA	Year of Completion
M. Tech (Design in Communication System)	IIITDM Kancheepuram, Chennai	7.58	2019
B. E. (Electronics)	Kavikulguru Institute of Technology and Science Ramtek, Nagpur. Maharashtra	63.96%	2015
HSC	Jyoti Janorkar Junior College Akola, Maharashtra.	71.50%	2010
SSC	Shri Shivaji High School Washim, Maharashtra	70%	2008

Skills

- Power Electronics, RF Design, Electrical circuit, Digital circuit, VLSI basic Knowledge
- Software Skills: MATLAB, LABVIEW
- Good knowledge in core subjects

- Gate qualified 2017
- Gate qualified 2019
- 2 year experience as A Half Time Teaching Assistance at IIITDM kancheepuram, Chennai

PROJECTS/ PROFESSIONAL EXPERIENCE

- **Under Graduate Project – “Microcontroller Based Intelligent Safety Helmet”** – A smart helmet is a special idea which makes motorcycle driving safer than before. This is implemented using GSM and GPS technology. The working of this smart helmet is very simple, vibration sensors are placed in different places of helmet

where the probability of hitting is more which are connected to microcontroller board. If accident happen then SMS will be sent to nearest hospital or bike rider family member.

- **Post Graduate Project – “Wireless Power Transmission”** - Wireless power transfer is a method of transferring wireless energy from power source to electrical Load without any wire connections. It is used to supply power on electrical devices without any physical connection except air as the medium transfer. Wireless charging of gadgets is one of the new emerging technologies in the world at the moment. The most common method used at the moment is wireless power transfer by inductive coupling.

Course Work Done

- Advance digital communication
- Advance Communication Network
- Information Theory and coding
- Electromagnetic Interference and Compatibility
- Optical Communication
- Product Design
- Embedded System
- RF and Microwave Design

LABS DONE

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|--------------------------------|-------------------------------|
| • Embedded System | Advance Digital Communication |
| • Power Electronics and Drives | Advance Communication Network |
| • Sensor and Instrumentation | RF and Microwave Design |
| • Mechatronics | Product Design |

DECLARATION

- I, **Praful Bhagat** hereby declare that the above information is true to my knowledge.

References

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