

# MOHYUDDIN IBRAHIM

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## SUMMARY

Motivated, enthusiastic educator with 5+ years experience fostering a cohesive student learning atmosphere.

## SKILLS

- Programming and design skills
- Proficiency in TCP/IP protocols
- Microprocessor-based systems
- Computers and electronics
- Research and development
- Computer-aided training
- Physics Teaching expertise
- Integrating science with Technology

## EXPERIENCE

06/2016 to 08/2016	<p><b>Internee Engineer</b> <b>PTV Islamabad Headquarter</b> — Islamabad, Islamabad Capital Territory</p> <ul style="list-style-type: none"><li>• Completed support work for senior staff, including synthesis, satellite Antenna and Bandwidth Efficiency.</li></ul>
09/2011 to 12/2015	<p><b>Practicing Engineer</b> <b>International Islamic University Islamabad</b> — Islamabad, Islamabad Capital Territory</p> <p>Worked in Twelve Different Engineering State of The Art Labs In Developing And Programming Electrical,Electronics,control,Communication and Embedded Systems.</p>
06/2015 to 06/2016	<p><b>Project Engineer</b> <b>International Islamic University Islamabad</b> — Islamabad, Islamabad Capital Territory</p> <p>Designed And Programmed An Automatic Ultrasonic Target Tracker Using p328 Microcontroller and 433MHz Radio Transponders.</p>
11/2017 to 01/2019	<p><b>Researcher</b> <b>Institute of Information Technology</b> — Islamabad, Islamabad Capital Territory</p> <p>Researching On Analyzing Radiation Patterns From Different Types Of Antennas Using Analytic Methods For Fast Implementation On Digital Computer.</p>

## EDUCATION AND TRAINING

2016	<p>Physics(Electronics Engineering)</p> <p><b>International Islamic University Islamabad</b> — Islamabad, Islamabad Capital Territory, Pakistan</p> <p>Studied and Mastered a wide range of courses from Electricity and Magnetism to Radiation,control and Embedded systems and communication systems to Data Transmission,Networking and FPGAs ,Electrical and Electronics Circuits Designing.</p> <p>Thus having a hands On experience of transforming science into Technology.</p> <p><b>M.Phil Physics(Electronics) From Quaid e Azam University Islamabad.</b></p> <p>studied Digital communication systems,Antenna Design and Electromagnetism.</p>
2017	<p><b>Online Student, Distance Study Programme:</b> Physics(Electricity and Magnetism)</p> <p><b>Massachusetts Institute of Technology</b> — Cambridge, MA, United States</p> <p>Taken a complete set of 34 lectures of course 8.02x Titled <b>ELECTRICITY AND MAGNETISM</b> Taught by Prof Walter Lewin.</p> <p>Still pursuing to Take every Undergraduate course of Advanced Physics taught by <b>Prof Walter Lewin</b> at MIT</p>