

KUNDAN KUMAR

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OBJECTIVE

To join a career in the field of electronic engineering with emphasis on Control and Automation where I can utilize my education, knowledge, and experience with devotion and painstaking in my concerned discipline.

ACADEMIC RECORD

- M.E (Control & Automation) having **3.91 CGPA (1st Position, Gold medalist)** in 2015, Hamdard University Karachi.
- B.E (Electronics Engineering) having **3.75 CGPA** in 2011.
Mehran University of Engineering & Technology Jamshoro, Sindh, Pakistan.
- HSC (Pre-Engineering) having **83 % (2nd Position)** in 2007.
B.I.S.E Mirpurkhas.
- SSC (Science) having **82%** in 2005.
B.I.S.E Mirpurkhas.

FIELD OF INTEREST

- Linear Control System
- Digital Logic Design / Digital Electronics
- Digital Image Processing
- Signal & System
- Communication System
- Linear Circuit Analysis
- Basic Electronics

Publication

- Co-author of “Designing Smart Sewerbot for the Identification of Sewer Defects and Blockages” published in (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 10, No. 2, 2019. **Impact Factor: 1.324**
- Co-author of “Implementation of Fruit Grading & Sorting Station using Digital Image Processing Techniques” published in Sir Syed University Research Journal of Engineering and Technology (SSURJET).
- Co-author of Design and development of Electric Speed & Direction Controller for Brushless DC Motor has been accepted in SCONEST 2016, Hamdard University.
- Author of ‘High-Voltage Transmission Lines Inspection Robot’, has accepted in 4th 2018-International Conference on Engineering & Emerging Technologies-(ICEET), IEEE Technically Sponsored Conference held from February 22-23, 2018 in Superior University Lahore, Pakistan.

- Co-author of "Implementation of an Autonomous Path Planning & Obstacle Avoidance UGV Using SLAM" accepted in 4th 2018-International Conference on Engineering & Emerging Technologies-(ICEET), IEEE Technically Sponsored Conference held from February 22-23, 2018 in Superior University Lahore, Pakistan.
- Co-author of "Spectral Analysis of Chirp and Sinusoidal signals in Complex Domain" accepted in ELECO 2017, 10th INTERNATIONAL CONFERENCE in ELECTRICAL and ELECTRONICS ENGINEERING Bursa, TURKEY.
- Co-author of "Short Circuit Analysis & Over current Relaying Coordination of IEEE 9-Bus System" accepted in 5th International Multi topic ICT Conference (IMTIC) at MUET Jamshoro.
- Co-author "Prototyping IOT Based Smart Wearable Jacket Design for Securing the life of Coal Miners" accepted at IEEE conference ICCEC 2018 at University of Essex, Southend United Kingdom.

FINAL YEAR-THESIS/ PROJECT (B.E)

- Electronic Wheelchair.

EXPERIENCE

- Currently working as an **Assistant Professor** at The Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs Sindh Pakistan. (Since 08-03-2018).
 - Additional responsibility of **Acting Director ORIC** at The Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs Sindh Pakistan (Since 05-05-2018 to 19-11-2020) and Program Coordinator of Electronic Department.
 - Remain Lecturer at Hamdard University Karachi. (Since 07-10-2015 to 05-03-2018)
 - Remain Lab Engineer at Hamdard University Karachi. (Since 21-01-2013 to 07-10-2015)
 - **Outcome Based Education (OBE)** expert in BBSUTSD, Khairpur Mirs.
 - **Reviewer** of Courses offered in Electronics Engineering on **OBE** system at BBSUTSD Khairpur Mirs.
 - Part of team for writing **Self Assessment Report (SAR)** of Electronics Department at BBSUTSD Khairpur Mirs and Hamdard University Karachi.
 - Part of team implementing **OBE** System in Electronics Department Hamdard University Karachi.
 - Conducted/Arranged **OBE** Based Workshop in BBSUTSD, Khairpur Mirs and Hamdard University Karachi.
 - Worked under HoD's for **PEC/NTC** Accreditation Process. Arranged/conducted Hands on workshops on Electronic Devices for undergraduate students.
 - Worked in a team in Admission Tests at BBSUTSD Khairpur Mirs and Hamdard University Karachi.
 - Supervised students final year projects (multiple FYP's) at Hamdard University Karachi.
 - Supervised Funded Project by National ICT R&D.
 - Student counselor of Electronics department for course registration
 - Lab In-charge of Electronics department labs at Hamdard University Karachi.
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INTERSHIPS

- 06 weeks at Sui Southern Gas Company Karachi.
- 1 month at Mehran UET, Jamshoro.

CERTIFICATE/COURSES

- Participated in CPD's Seminar arranged at Hamdard University Karachi.
- Participated in Circuit Designing at Micro Maze 2011, MUET.
- 06Weeks course on PLC(Skill Development Council Karachi)
- Participated in Circuit Designing at Micro maze competition 2011, MUET.
- Participated in Project Competition at NEX 2011, MUET.

TECHNICAL SOFTWARES

- MATLAB
- SIMATIC MANAGER
- LABVIEW
- ELECTRONIC WORKBENCH
- AUTO CAD

COMPUTER SKILLS

- MS Office (PowerPoint, MS Word, Excel).
- Internet, Email, Browsing Downloading.

PERSONAL INFORMATION

Date of birth:	7 th Feb, 1990
C.N.I.C	44303-8458622-9
PEC No	ELECTRO/17593
Passport No	CX4226222
Nationality:	Pakistani
