

SYED ZUBAIR UL HASSAN

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Career Objective

Environmental Scientist having the knowledge of monitoring, controlling and preventing the environmental accidents to ensure the safe working conditions at workplace. Good technical and project management skills with the ability to successfully manage multiple projects and daily responsibilities. Self-motivated with the keen to develop and foster creative and innovative solutions.

Experience

INTERNEE at Kot Addu Power Company Limited (KAPCO)

16th July, 2018 – 16th August, 2018 (1 MONTH INTERNSHIP PROGRAM)

- Integrated Management System:
 - Iso 9001:2008 Quality Management System.
 - Iso 14001:2004 Environmental Management System.
 - Ohsas 18001:2007 Occupational Health and Safety Assessment Series (Occupational Health and Safety Management System).
- Health Safety and Environment Approaches of Thermal Power House.
- Physical Water Treatment Process with the Help of Clarifier Tank and Gravel Filter.
- Chemical Water Treatment with the Help of “Reverse Osmosis” and “Demineralization Plant”.
- Waste Water Treatment Using Sequencing Batch Reactor (SBR).
- Furnace Oil Treatment Process Using “Electrostatic” and “Centrifugal Techniques”.
- Working Of “Cooling Tower” in Thermal Power Industry.
- Working Of “High Recovery Steam Generator (HRSG)” and “Steam Generator Turbine (STG)” in Thermal Power Industry.

GIS CONSULTANT (PROGRAM SUPPORT DILEMITATION) at

Citizens’ Voice Project, Trust for Democratic Education and Accountability

7th June, 2018 – 30th June, 2018 (Short Term Consultancy)

- Conduct Research to locate and obtain and update existing and new databases.
- To generate and update the GIS metadata, which allows estimations to be made on completeness, history, ownership, and reliability of information derived from project.
- To design, produce, and print maps and other graphic products using the GIS and other computer software programs.
- Enter new map data through use of a digitizer or by direct input of coordinate information using the principles of cartography including coordinate systems, longitude, latitude, elevation, topography, and map scales.
- To carry out the inter-conversion of KML and other geographical file formats.
- To assist the Line Supervisor in designing, testing and implementing Election Information Systems.

**INTERNEE at HELPING HAND FOR RELIEF AND DEVELOPMENT
HHRD**

12th July, 2016 – 13th August, 2016

- Drafted Plans
- Facilitator and Organizer
- Data Acquisition
- Performed social services
- Seminar and training to locals

Education	Bahria University Islamabad	Islamabad
	BS. Environmental science	2014-2018
		(CGPA: 3.16)
	Karlot Residential College	Islamabad
	Intermediate Pre-Engineering	2011-2013
	I.M.C.B F-7/3 Islamabad	Islamabad
	Matriculation	2009-2011

Volunteer Ship and Seminars Experience

- Seminar on Constitution Day, 10th April, 2017, (Pakistan Institute for Parliamentary Services).
 - Launching Ceremony of Civil Society Coalition for Climate Change (CSCCC) held on 12th May, 2017 at Kehkashan Hall Sareena Hotel, Islamabad.
 - International Conference “Biomass Gasification Technologies” held on 27th July, 2016, at Jinnah Auditorium at National University of Science and Technology (NUST), H-12 Campus Islamabad.
 - International GIS Day on the theme of “Geospatial Science and CPEC Challenges” held on 1st December, 2016 at Comsats Institute of Information Technology (CIIT), Chak Shahzad, Islamabad.
 - International Day of Forest on the theme of “Forest and Water”, under IUCN and Ministry of Climate Change, on 21st March, 2015.
 - Earth Day on the theme of “Conserving Earth through GIS and Remote Sensing” held on 26th September, 2016 at Institute of space and technology (IST), Islamabad.
 - Session on “Wild Life Conservation” held in Bahria University 20th January, 2015.
 - “International Youth Conference” Organized by ‘HHRD’ held on 28th and 29th July, 2016 at Margalla Hotel Islamabad.
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Skills

- Map making and Analysis on ARC GIS 10/10.2/10.3.
 - EIA and IEE survey and Risk Management.
 - Occupational Health and Safety approaches.
 - Sampling Techniques of Air, Water and Soil.
 - Microsoft office Excel/Word/Power Point.
 - Event Management.
 - Efficient Research Skills including Lab Work, Report writing, Article writing and Transcription.
 - Environmental Audit, Monitoring and Evaluation.
 - Air Quality Management.
 - Implementation of OSHAS 18001, PEPA regulations and ISO 14001.
 - Occupational Health and Safety Policy and System Making.
 - Microbial Testing of Water.
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Projects

- Bachelor's Thesis on "Participatory Land Use Planning of Arid and Semi-Arid areas of Pakistan using GIS and RS for combating DLDD (Desertification, Land Degradation and Droughts) to ensure SLM (Sustainable Land Management) practices, in collaboration with UNDP.
 - 4-day course by WWF in Nathiagali from 20th - 23rd October, 2016 on:
 - Biodiversity assessment techniques
 - Soil carrying capacity and infiltration capacity
 - Sediment load and water discharge calculations
 - Rain water harvesting
 - Solid waste assessment
 - Impact assessment survey methods
 - Conservation of common leopard
 - Project on Measurement of Noise Generation using Sound Level Meter. Assessing the Noise Rate, Sources of Noise generation and subsequent health effects, conducted at Bahria University.
 - Microbiological Analysis of Drinking Water using Multiple Tube Method.
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Reference

Will be furnished upon request.