

SHAHZAD ASHRAF



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Objective An energetic and ambitious petroleum engineering graduate offering a unique combination of technical and managerial skills throughout the entire oil and gas chain with excellent leading, following and interpersonal skills supplemented by creativity and passion to learn and excel in any of the assigned responsibilities, seeking a responsible and challenging position that can harness and develop the best of me.

Summary

- A Petroleum Engineering graduate with added advantage of Petroleum Management skills.
- Joined Indian School of Mines Dhanbad through the reputed Indian Institute of Technology (IIT) Joint Entrance Examination.
- Undergone 6 weeks extensive industrial training at Oil and Natural Gas Corporation (ONGC) and educational visits (excursion) to various plants and laboratories across India.
- Various projects under the supervision of experienced on-field personnel and international standard lab environment of E & P companies.
- Attended and participated in various conferences and workshops - duly appreciated for my efforts.
- Computer savvy – Microsoft office, image editing, website building, animation
- Superb team member, effective team leader and excellent interpersonal skills
- Keen to learn, hardworking and ambitious with travelling and cycling as hobby.

Industrial Training

Oil and Natural Gas Corporation (ONGC) Assets of Ahmedabad, Ankaleshwar and Mehsana

6 weeks during summer of May/June 2008.

Field visits to various installations and operations – drilling, cementing and work-over, GGS and CTF, Central processing facility, Well stimulation and Logging services, artificial lift systems, water treatment and de-Salter plant, HSSE lectures and demonstrations

Hazira Gas Processing Plant ONGC, Surat

3 weeks during May 2010

Orientation at India's largest gas processing plant – inlet gas terminal from Bombay Offshore, Gas sweetening, dehydrating and fractionating units, Product storage tanks, output to 3000 km HVJ pipeline, transportation and distribution networks for ATF, Kerosene, Diesel, Naphtha, LPG etc.

Industrial Excursion

- Coal Bed Methane (CBM) Plant, Telgaria, Bokaro Steel City.
 - Haldia Refinery, Indian Oil Blending Ltd. Paharpur, and Labs of IIT Kharagpur.
 - Institute of Petroleum Technology (IIP)
 - Keshava Deva Malaviya Institute of Petroleum Exploration (KDMIPE)
 - Geodata Processing and Interpretation Centre (GEOPIC) & Oil Museum at Dehradun.
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Academics

- **Dual Degree – B.Tech in Petroleum Engineering with M.Tech in Petroleum Management**
OGPA – 7.28 (9/10 semester) @ Indian School of Mines Dhanbad,
Expected completion - 20th May 2011,
 - **C.B.S.E 12th - All India Senior School Certificate Examination**
Marks – 69.6% @ Delhi Public School (DPS) Ranchi, Year – 2004
 - **C.B.S.E 10th - All India Secondary School Examination**
Marks – 79% @ Guru Nanak Higher Secondary School Ranchi, Year – 2002
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Major Projects

Operational Optimization Model for Hydraulic Fracturing treatment process.

(Final Year project @ ISM Dhanbad)

Demonstrate improved hydraulic fracturing design and goal oriented optimum design in conflicting environments. Economical and operational comparison between fractured vertical well and horizontally drilled well to determine future development program.

Stimulation Techniques for Horizontal Wells

(@ Institute of Oil and Gas Production Technology ONGC, Panvel, Mumbai)

Gained knowledge of various stimulation techniques in petroleum industry & application in horizontal wells. Studied new revolutionary stimulation techniques, proposed possible applications and challenges in future.

Physico-Chemical Characterization, compatibility studies and treatment of various injection waters.

(@Water-flood laboratory, Institute of Reservoir Studies, ONGC Ahmedabad)

Worked with real field data, developed excel software to determine - effective drive mechanisms, Water Cut and STOIP. Gained practical knowledge of water flooding and designed the composition and treatment of injection waters for Cambay, Bombay Offshore and Assam Basins.

Leveraging Technologies of Petroleum supply Chain – A BPCL case study

(@ Dept. Of Management Studies, ISM Dhanbad):

Studied Bharat Petroleum Corporation Limited's (BPCL) new robust technological solutions across its supply chain, their implications and areas of further improvement.

Achievements

- Cleared Indian Institute of Technology (IIT JEE) 2006 with an All India Rank of 3885.
- My paper on "A new Electrical Enhanced Oil Recovery Technique using Water Flooded Chemicals for an efficient drive mechanism" was selected to be presented in the Indian Sub-Regional Paper Meet.
- Presented a paper on "Underground Coal Gasification".
- Attended a 2day workshop on "Production sharing Contract" at ISM Dhanbad.
- Was in the organizing committee of International Conference on "Present status and futures trends in petroleum industry" at Petroleum Engineering. Golden Jubilee Program (PEGJP) held in December 2007.

- Got 2nd and 3rd prize in Poster Competition on the topic “Oil Politics” and “Future of oil and Gas Industry” respectively in Srijan-2k9 (All India Inter University Techno-Managerial Cultural Fest)
 - Got All India rank 112th and State rank 3rd in AIEEE 2006 for B. Architecture.
 - Get scholarship under the Merit Cum Means Scheme by the Minority Affairs Department, Government of India and also eligible for ISM scholarship, provided by MHRD, India.
 - Honored by Human Welfare Society Ranchi, for academic excellence in 2003 and 2004.
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Affiliations

- Member of Society of Petroleum Engineers (SPE)-Students’ chapter.(Member No.-3335290)
- Member of the Petrotech Society, ISM Dhanbad Chapter.
- Member of National Sports Organization (NSO), ISM Dhanbad.

Computer Skills:

- Programming languages: C/C++, FORTRAN and HTML
- Operating Systems: WIN’XP, Vista, Win7
- Software knowledge: MS Word, MS Excel, MS PowerPoint, Photoshop CS2, Macromedia Flash8.
- Basic Knowledge of Maya Students Edition (a 3D Animation Software)

Hobbies and other Skills

- Painting, Photography, Traveling Places, Cycling and Playing Football.

Languages Known

- English, Hindi, Urdu.
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References

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Personal Information

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