



Dr. Ali Asghar Sangah

📍 **Work** : Mehran University of Engineering and Technology, Department of Basic Sciences and Related Studies (BSRS), 76080, Sindh , Jamshoro , Pakistan

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Date of birth: 1987/04/17 **Place of birth**: Kamber, Pakistan **Nationality**: Pakistani

EDUCATION AND TRAINING

[2017/08/17 – 2025/08/12]

PhD (Doctor of Philosophy)

Mehran University of Engineering and Technology , Jamshoro
www.muett.edu.pk

City: Jamshoro | **Country**: Pakistan | **Field(s) of study**: Applied Mathematics

[2014/07/08 – 2016/06/08]

Master of Philosophy (MPhil) Applied Mathematics

Mehran University of Engineering and Technology www.muett.edu.pk

Address: Mehran University of Engineering and Technology, Department of Mathematics, 78060, Jamshoro, Sindh, Pakistan | **Field(s) of study**: Applied Mathematics | **Final grade**: 3.63 | **Thesis**: Algorithm to Improve the Convergence of Bracketing Methods for Non-linear Eq: in Single Variable

[2008/11/04 – 2010/12/19]

Master of Science (M.Sc.)

University of Sindh www.usindh.edu.pk

Address: Institute of Mathematics and Computer Science, University of Sindh , 76080, Jamshoro , Sindh, Pakistan | **Field(s) of study**: Mathematics | **Final grade**: 3.31

I was awarded Vice Chancellor's Silver medal in Convocation for outstanding performance in M.Sc. Mathematics Batch

[2005/03/14 – 2007/05/16]

Bachelor of Science (B.Sc)

Shah Abdul Latif University www.salu.edu.pk

Address: Shah Abdul Latif University, Khairpur Mir's , Sindh, Pakistan | **Field(s) of study**: Physical Sciences

[2018/02/27 – 2018/03/01]

Professional Development Workshop "Developing Skills in Survey Research"

USAID (United States Aid) <https://www.muett.edu.pk/oric>

Address: Office of Research, Innovation and Commercialization, Mehran University of Science and Technology , 76080, Jamshoro , Sindh, Pakistan | **Field(s) of study**: Surveying Techniques and SPSS

Data Collection through different online sources and Questionnaire making
Statistical techniques and SPSS

[2012/02/22 – 2012/03/05]

Two Weeks MatLab Short Course

Dr. Zeeshan Memon

Address: Dept of Mechanical Engineering , Mehran University of Engineering and Technology, 76080, Jamshoro , Sindh, Pakistan

[2020/07/21 – 2020/07/22]

Webinar on "SPSS and Its Application in Research"

TREAD Excellence <https://www.numl.edu.pk/laure>

Address: Tread Excellence by Dr. Sajid Yousifzai, National university of Modern Languages , Islamabad, Pakistan

[2020/10/03 – 2020/10/03]

Webinar on "Mixed Methods Research: From Design to Dissemination"

Tread Excellence

Address: Dr. Salma Nazar Khan , Fatima Jinnah Women University, Rawalpindi , Punjab, Pakistan

[2020/08/21 – 2020/08/22] **Webinar on "Qualitative Data Analysis with Nvivo: Hands-on Training"**

Tread Excellence by

Address: Dr Yasir Hussain Fulbright Alumnus, Tread Excellence , National University of Modern Languages, Islamabad, Pakistan

[2020/10/12 – 2020/10/12] **Internal Quality Audit (ISO 9001:2105)**

Lloyd's Register LQRA

Address: In Collaboration with Mehran University of Engineering and Technology, Jamshoro , Sindh, Pakistan

Emergency First Aid

Red Crescent

Address: Makhdum Dawood Hall , Mehran University of Engineering and Technology , 76080, Jamshoro, Sindh, Pakistan

[2018/12/25 – 2018/12/29] **CASM Workshop on "Mathematical and Computational Finance for Scientists and Engineers"**

Lahore university of Management Sciences <https://lums.edu.pk>

Address: Department of Mathematics , Syed Babar Ali School of Science and Engineering , Lahore , Punjab, Pakistan | **Field(s) of study:** Mathematics and Statistics

[2018/12/12 – 2018/12/17] **Second Winter Workshop on Advanced Topics in Mathematics "Analysis and Dynamics in Number Theory"**

National Center for Mathematics <http://www.sms.edu.pk>

Address: Abdul Salam School of Mathematical sciences , , GC University Lahore, Lahore , Punjab, Pakistan

Training instructors were

Prof.Shaun Cooper New Zealand

Prof. Karl Dilcher Canada

Prof. Simon Kristensen Denmark

Prof. Mumtaz Hussain Austerlitz

[2017/08/24 – 2017/08/24] **One Day Course on " Mathematical Modeling of Fluid Flow and its Applications"**

Office of Research, Innovation and Commercialization

Address: Office of Research, Innovation and Commercialization, Mehran University Jamshoro, 76080, Jamshoro , Sindh, Pakistan

[2021/07/31 – 2021/08/08] **Python**

Kaggle www.kaggle.com

[2021/08/08 – 2021/08/15] **Intro to Machine Learning**

Kaggle www.kaggle.com

[2021/08/15 – 2021/08/18] **Intermediate Machine Learning**

Kaggle

WORK EXPERIENCE

Mehran University of Engineering and Technology

City: Jamshoro , Sindh | **Country:** Pakistan

[2017/09/26 – Current] **Assistant Professor**

Teaching , Research and Trainings

Mehran University of Engineering and Technology

City: Jamshoro,Sindh | **Country:** Pakistan

[2010/12/29 – 2017/09/25] **mathematics lecturer**

City: Kamber , Sindh | **Country:** Pakistan

[2005/11/08 – Current] **Founder (CEO) KAMBER ACADEMY**

First-ever stabled Science Academy of Kamber city still in full swing

SKILLS

Microsoft Office | Microsoft Excel | Microsoft Powerpoint | Google Docs | Google Drive
| SPSS Statistical Tool | MATLAB&Simulink | Programming languages (Python and R
program) | Familiarity with scikit-learn, TensorFlow Machine Learning libraries

LANGUAGE SKILLS

Mother tongue(s): Sindhi

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Urdu

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

[2013/09/22] **Vice Chancellor's Silver Medalist Awarding institution:** University of Sindh , Jamshoro
Sindh Pakistan

Vice Chancellor of University of Sindh Awarded Silver medal for outstanding performance
and Securing the first position in MSc Mathematics

Laptop Awarding institution: Prime Minister of Pakistan

Prime Minister's Laptop Scheme for High Education during MPhil 2016

[2015/06/14] **Mphil. Scholarship Awarding institution:** Prime Minister of Pakistan

Prime Minister's Fee Reimbursement Scheme for less developed Area

[2012/11/30] **Competitive Combined Exam 2013 Awarding institution:** Sindh Public Service
Commission

Highly competitive Exam of Sindh Province. Qualified Written Test and Interview with
flying colours.

[2016/11/30] **Competitive Combined Exam Rescheduled in 2017 Awarding institution:** Sindh Public Service Commission
Qualified written test and Interview with flying colours

PROJECTS

[2016/01/05 – Current] **Internal Quality Auditor (Mehran University of Engineering and Technology)**
Perform Audit of assigned office (during Internal Quality Audit Process of QEC)

[2019/04/16 – Current] **Sports Focal Person (Coordinator) of BSRS Department**
Facilitating Students Sports events in collaboration of Sports Directorate

[2019/04/16 – Current] **BSRS Department Coordinator of Scholarship Committee**
Facilitating and guiding Students for Scholarships as per guidelines of Scholarship Committee of University

[2016/10/14 – 2016/10/16] **Conducted Mathematics training of Principles of Sindh Education Foundation Schools Badin District**

[2016/10/18 – 2016/10/20] **Conducted Mathematics training of Principles of Sindh Education Foundation Schools Thatta District**

[2005/11/08 – Current] **Founded Academy of Science "Kamber Academy"**
I had founded Kamber Academy in 2005. IT is the first-ever stabled Academy of my birth city . which is still spreading scientific knowlege among people of Kamber city and surroundings through Science subject experts.

[2008/07/31 – Current] **Kamber Academy (Elementary School)**
In 2008, through our city community on the platform of Kamber Academy of Science , An Elementary school was opened.

VOLUNTEERING

[2020/03/31 – 2020/06/01] **During COVID April to June** By making 12 Whatsapp Groups
Taught free of cost three courses through Whatsapp to more than three thousand students and teachers.

Basic Mathematics Primary to Elementary

High School Mathematics

College Mathematics.

My Youtube channel Named Gamma Virtual Academy Which is leading in Mathematics in Sindhi Language

My Facebook Page A.Prof. Ali Asghar Sangah

[2018/01/05 – Current] **Teaching to Street Children** Jamshoro , Sindh Pakistan