

# Curriculum Vitae

## PERSONAL INFORMATION

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Dr. Rahim Bux Khokhar  
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Birth date: 01 May 1966  
Place of birth: Khairpur, Pakistan  
Marital status: Married

## EDUCATION

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- 2017      **Ph.D. Computational Fluid Dynamics**  
University of Hertfordshire, Hatfield, England, UK  
**Thesis:** [Numerical Modelling of Mixing and Separating of Fluid Flows through Porous Media](#)  
**Supervisors:** Dr. Y. K. Chen and Dr. Y. Xu
- 1992      **M.Sc. Mathematics**  
University of Sindh, Jamshoro, Sindh, Pakistan
- 1991      **B.Sc. Mathematics**  
University of Sindh, Jamshoro, Sindh, Pakistan

## PROFESSIONAL EXPERIENCE

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- 1998–      **Mehran University of Engineering and Technology**  
Position: Lecturer
- 1993–1998      **Cadet College Petaro**  
Position: Lecturer

## PUBLICATIONS

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- Memon, R. A., Solangi, M. A., **Khokhar, R. B.**, Baloch, A., Sayed, K. S. (2015), Computational analysis of rotating mixing of Bird Carreau model fluid, Sindh University Research Journal Science Series, vol. 47(1), pp. 15-18.
- **Khokhar, R. B.**, Chen, Y. K., Calay, R. K. and Xu, Y. (2013), Numerical scheme to simulate combined mixing and separating flow in a channel, Applied Mechanics and Materials, Vols. (303-306), pp. 2798-2805.
- **Khokhar, R. B.**, Chen, Y. K., Xu, Y. and Calay, R. K. (2013), Numerical simulation of combined mixing and separating flow in channel filled with porous media, Advanced Materials Research Vols. (694-697), pp. 639-647.
- Solangi, M. A., **Khokhar, R. B.** and Baloch, A. (2013), A FEM Study for Non-Newtonian behaviour of blood in plaque deposited capillaries: analysis of blood flow structure, Mehran University Research Journal of Engineering and Technology, vol. 32 (2), pp. 277-282.
- Solangi, M. A., Shaikh, H., **Khokhar, R. B.** and Baloch, A. (2013), Numerical Study of Newtonian blood flow through a plaque deposited artery, Sindh University Research Journal Science Series, vol. 45 (1), pp.79-82.
- Solangi, M. A., **Khokhar, R. B.** and Baloch, A. (2012), Computational modelling of pressure difference for non-Newtonian behaviour of blood in plaque deposited capillaries, Sindh University Research Journal Science Series, vol. 44(4), pp. 723-726.

## HONOURS, AWARDS & SCHOLARSHIPS

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2006	Granted scholarship for PhD studies abroad funded by Higher Education Commission (Pakistan)
2006	Member of Syndicate, Mehran University of Engineering & Technology
1998	Honoured with a commendation certificate including a cash award for service to Cadet College Petaro
1992	First Class and first position in the cohort of MSc Mathematics
1991	First Class and third position in the cohort of BSc Mathematics

## LANGUAGES

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Sindhi, Saraiki (native)  
Urdu, English (fluent)  
Arabic (basic)