

# PROF. DR. ANIS AHMAD SIDDIQI

## CURRICULUM VITAE

NAME Prof. Dr. Anis Ahmad Siddiqi

Current Position HEC- (Foreign) Professor and Head of department of Architecture, College of Art and design, University of the Punjab, Allama Iqbal Campus, Shahrah-e-Quaid-e-Azam, Lahore – 54590, Pakistan

### Main Achievements

1. *Initiation and establishment of a Department of Architecture at the College of Art and Design, University of the Punjab. This project was undertaken from the beginning and started from the scratch under extremely difficult and challenging conditions and is moving successfully to achieve two main milestones: one; PCATP Accreditation and two; Passing out its First batch of graduate students (in 2009). Although much has been achieved, more needs to be done and the challenge and excitement continues.*
2. *Proactively vibrating the architectural education in the country through creative and professional linkages among institutions and professional bodies.*
3. *Helping establish the Gandhara College of Architecture at the UET Taxila, Pakistan through bringing various stake holders (UET Taxila, PCATP, HEC, Architectural Educators, Professional Architects and Administrators) on one platform in order to develop a comprehensive proposal for the proposed institution. I acted as the coordinator for the task including establishing International Linkages.*
4. *Proactively integrating Art and Design Education in the country through interdisciplinary approach.*
5. *Brought various architectural institutions closer for harmonious and productive linkages. This includes offering inter-institutional courses, arranging seminars/talks, extending help and advice to graduating students etc.*

### QUALIFICATIONS

1978	<u>Ph.D.</u>	Faculty of Architectural Studies, University of Sheffield, Great Britain.
1969	<u>B.Arch.</u>	West Pakistan University of Engineering and Technology, Lahore,
1964	<u>B.Sc. (Hons I)</u>	Government College, Lahore, Pakistan, with Physics as the Major.
1963	<u>F.Sc.</u>	Government College, Lahore, Pakistan
1961	<u>Matriculation</u>	Muslim League High School, Lahore, Pakistan.

### PROFESSIONAL MEMBERSHIPS

- 1 Member of the Institute of Architects, Pakistan (I.A.P.).
- 2 Life Member, Pakistan Council of Architects and Town Planners, Pakistan (PCATP)
- 3 Member International Solar Energy Society (ISES)
- 4 Founder Member of the Pakistan Solar Energy Society (PSES).
- 5 Founder Member the Arabian Society of Computer Aided Designers–ASCAAD
- 6 Member Computer Aided Architectural Design and Research in Asia - CAADRIA

### ACADEMIC DISTINCTIONS

- 1 **Gold Medal** awarded by the Habib Bank of Pakistan, for academic excellence in B.Arch.
- 2 **FIRST** position in most examinations of the Bachelor course in Architecture.
- 3 **Merit Scholarship** throughout the academic carrier.

### PROFESSIONAL LAURELS

- 1 **FIFTH** positions in the International Architectural Design Competition for development of Jabal Omar in Makkah Al-Mkaramah in Saudi Arabia, April 2001-2
- 2 **FIRST** prize (in collaboration) in the National Competition for the design of the Jamia Mosque at the campus of the University of Engineering and Technology, Lahore, Pakistan, 1970

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- 3 Third prize for the **National Competition for the design of the Library of the University of Engineering and Technology, Lahore, Pakistan, 1971**
- 4 Honorable Mention in the **International Competition for the design of Faisal Mosque in Islamabad, 1972**

#### ACADEMIC EXPERIENCE

- 2004-todate **HEC-Professor of Architecture and Environmental Design and Chairman Department of Architecture**, College of Art and Design, University of the Punjab, Old Campus, Lahore, Pakistan
- 1992 –2004 **Professor, Architecture Program**, College of Environmental Design, KFUPM, Dhahran, Saudi Arabia.
- 1981 - 92 **Professor, Architecture Department**, School of Environmental Design, College of Engg; KAAU, Jeddah, Saudi Arabia.
- 1978-81 **Associate Professor, Department of Architecture**, University of Engineering and Technology, Lahore, Pakistan.
- 1970-78 **Assistant Professor**, Department of Architecture, University of Engineering and Technology, Lahore, Pakistan.
- 1969-70 **Lecturer** at the Department of Architecture, University of Engineering and Technology, Lahore, Pakistan.

#### SPECIAL ACADEMIC TASKS

- 1 DEVELOPMENT of **Undergraduate Programme** at the School of Environmental Design, College of Environmental Design, KFUPM, Dhahran to thoroughly overhaul the existing program into a dynamic package in line with international standards.
- 2 DEVELOPMENT of a **Graduate Program** for the Architecture Department of the College of Environmental Design, KFUPM, Dhahran, Saudi Arabia.
- 3 REVISION OF CURRICULUM for the **Undergraduate Programme** at the School of Environmental Design, College of Engineering, King Abdulaziz University, Jeddah to transform the existing six years course into a five years package.
- 4 DEVELOPMENT of following specialised courses:
  - i) **Architectural Modular Design Studios** for all levels.
  - ii) **Energy and Design**. An interdisciplinary course offered to students of Architecture, Landscape Architecture and Urban and Regional Planning.
  - iii) **Environmental Control Systems** dealing with Mechanical, Electrical and Noise and Acoustic issues in buildings.
- 5 DEVELOPMENT of **Undergraduate Curriculum** for the department of Islamic Architecture at Ummal-Qura University, Makkah al-Mukarramah, Saudi Arabia.
- 6 DEVELOPMENT of **Graduate Curriculum** for the establishment of Environmental Studies Department at the College of Environmental Design, KFUPM Dhahran, Saudi Arabia.
- 7 Establishment of **School of Architecture and Environmental Design and Development of its Curriculum** at the College of Art and Design, University of the Punjab, Lahore, Pakistan, 2004–today
- 8 Establishment of **M. Arch** professional program at the College of Art and Design, University of the Punjab, Lahore, Pakistan.
- 9 Convener Curriculum Development Group for **MA in Art History** – two years postgraduate degree offered by the College of Art and Design of the university of the Punjab, Lahore
- 10 Establishment of **PGDID – Postgraduate Diploma in Interior Design** program at the College of Art and Design, University of the Punjab, Lahore, Pakistan.
- 11 Establishment of **PGDLA – Postgraduate Diploma in Landscape Architecture** program at the College of Art and Design, University of the Punjab, Lahore, Pakistan.
- 12 Establishment of **PGDFD – Postgraduate Diploma in Furniture Design** program at the College of Art and Design, University of the Punjab, Lahore, Pakistan.
- 13 Establishment of **CAAD –Diploma in Computer Aided Architectural Design** program at the College of Art and Design, University of the Punjab, Lahore, Pakistan.
- 14 Coordinator for Establishment of Gandhara College of Architecture – UET Taxila, Pakistan
- 15 Evaluation of **Architectural Curriculum** for Sultan Qaboos University, Sultanate of Oman.
- 16 Development and signing of an MOU for integrated Industry and Academia for development of Research and Curriculum in the field of “**Gem and Jewellery**” for the Pakistan Gem and Jewellery Development Corporation with collaboration from USAID and PCSIR, 2007-2008.
- 17 Convener Technical Working Group for **Curriculum Development for Center of Excellence for Architecture Technology**, GCT-JICA collaboration between Government of Pakistan and Japan International Cooperation Agency (JICA). GCT Lahore has been declared Center of Excellence (CoE) for this purpose - 2009

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GRADUATE THESIS  
SUPERVISION

- 1 **Ph.D. Thesis (External Supervisor):**
- I. To Investigate Forces Acting at Religious Magnets (Shrines) in the Urban Settlements and Their Impact on Immediate Surroundings. Abdul Ghafoor, Department of Architecture, UET, Lahore, Pakistan - completed 2010.
  - II. A Study and Evaluation of Architectural Education Models in the Muslim World. ZainalAbideen, Department of Architecture, UET, Lahore, Pakistan.
  - III. Four Ph.D. candidates from the Government College of Home Economics being supervised
  - IV. Four **M Phil** candidates of College of Art and Design of the University of the Punjab being supervised
- 2 **MS Thesis:**
- I. Natural Illumination Study and Analysis of Atria in Buildings: Mazharuddin Ahmad, Architectural Engineering Department of KFUPM, Dhahran, Saudi Arabia.
  - II. A Selection Model for Architectural and Engineering Offices in Saudi Arabia. Bashar Al-Mubarak, Department of Construction Engineering Management, KFUPM, Dhahran, Saudi Arabia.
  - III. Supervising fifteen students of M. Arch in College of Art and Design University of the Punjab, Lahore.
  - IV. Supervised 5 students of M. Phil of the College of Home Economics, Lahore
  - V. Supervised thirteen students of M. Arch of the UET Lahore.

PROFESSIONAL  
EXPERIENCE

- 1 **Senior Design Manager** to the KFUPM Design team for the **International Competition for Development of Jabal Omar, Makkah Al-Mukaramah, Saudi Arabia.**
- 2 **Communiy College at Haiyal, Saudi Arabia.**
- 3 **Senior Project Manager** in the University Design Directorate (UDD): Designed and supervised the construction of the following projects (1978-81):
- A ThePunjabMedicalCollege and Teaching Hospital** (cost 30 M\$ approx.) andconsisting of the following buildings:
- i. College Academic Blocks
  - ii. 1000 BedHospital
  - iii. Students Hotels
  - iv. Staff Housing
  - v. College Administration Bldg
  - vi. College Sports Facilities
  - vii. Other ancillary buildings
- BThe Gomal University** at Dera Ismail Khan, N.W.F.P. province (cost 15 M\$ approx.) and consisting of the following:
- i. Academic buildings
  - ii. Administration building
  - iii. Students Hostels
  - iv. Staff Housing
  - v. Other facilities
- 4 **Auditorium** of the University of Engineering and Technology, Lahore (Competition)
- 5 **Consultant to the National Engineering Services of Pakistan (NESPAK)** on the following projects (1998-2005):
- I. **Bahawalpur Institute of Advanced Technology**, Bahawalpur, Pakistan
  - II. **CricketAcademy**, Lahore, Rawalpindi and Karachi, Pakistan
  - III. **InformationTechnologyUniversity (ITU)**, Abbotabad, Pakistan
  - IV. **WAPDA's Sunny View Estate Development Project**
  - V. **Revision of Building Bye-Laws** for LDA, Lahore
  - VI. **Preparation of Building Regulations** for TMA, Punjab.
- 6 In the capacity of private architectural consultant to Messers Muslim Constructors Ltd. (MCL), Karachi, designed the following buildings (1970-4):
- i. **Majlis** (part of the Palace) for His Highness **the Ruler of Abu Dhabi.**
  - ii. **Multi-storey shopping and residential plazas**, Abu Dhabi.

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- 7 Duty Free Shopping Complex, Montgomery Road, Lahore, Pakistan  
8 Numerous Private Residences and Commercial Projects  
9 New Block – College of Art and design, University of the Punjab, Old Campus, Lahore

**RESEARCH  
PROJECTS**

- 1 Photogrammetric Documentation of Old Mosques in Makkah and Jeddah for the Purpose of Architectural Conservation , for the College of Engineering, KAAU, April 1987.  
2 Study of the Effects of Environmental Noise on the Academic Performance of Students: A Case Study of Buildings in the College of Engineering, KAAU, Jeddah, 1991.  
3 Noise Pollution During Hajj Season of 1411 H (1992 G), for the Hajj Research Center, UmmalQura University, Makkah al-Mukarramah, 1992.  
4 Development of Integrated Guidelines and Objectives for Design Education in Pakistan in View of Emerging Global and regional Economic and Technological Paradigms, ongoing research funded by the Higher Education Commission of Pakistan (HEC) – 2005-2006.  
5 Study of Impact of Billboards on City's Cultural, Economic, Environmental and Visual Domains – HEC funded research - ongoing

**CONFERENCES  
AND SEMINARS**

Invited guest speaker to the following International Conferences and Seminars.

- 1 International Symposium and Workshop on Renewable Energy Sources, Lahore, 1982.  
2 International Conference on Non-conventional Energy Sources, Trieste, Italy, 1983.  
3 International Solar Building Workshop, Riyadh, 1983.  
4 Passive Low Energy Architecture Conference, Crete Greece, 1983.  
5 First Saudi Engineering Conference, Jeddah, May 1983  
6 Passive Low Energy Architecture Conference, Mexico City, Mexico, 1984.  
7 Building Technology Symposium and Workshop, Dammam, Saudi Arabia, 1984  
8 Solar Building Workshop, Riyadh, Saudi Arabia, May 1984  
9 Second Saudi Engineering Conference, Dhahran, Saudi Arabia, Nov. 1985  
10 Alternate Energy Sources Conference, Coral Gable, Miami, Florida 1985  
11 Pakistan Engineers Forum Seminar, Jeddah, Saudi Arabia, Dec; 1986  
12 Alternate Energy Sources Conference, Coral Gable, Miami, Florida, 1989  
13 National Workshop/Seminar on Energy Efficient Building Design and Architectural Acoustics, University of Engineering and Technology, Lahore, Pakistan, July 22-25, 2000.  
14 First Symposium on Environmental Design Education, Jeddah, 2001  
15 First Symposium on Computer Application in Architectural Education and Practice, May 2001, Jordan University of Science and Technology, Jordan  
16 Sixth Saudi Engineering Conference, KFUPM, Dhahran, 2002  
17 CIB W89 International Conference on Building Education and Research (BEAR 2003), 2003, Salford, UK.  
18 First International Symposium on e-Architecture, December 2004, KFUPM, Dhahran 31261, Saudi Arabia  
19 Computer Aided Architectural Design and Research in Asia – CAADRIA 2006, March 30-April 3, 2006, Kumamoto University, Kumamoto, Japan.  
20 Architecture in a Waterless World – Blue in Architecture – 2009, Venice, Italy, September 2009.  
21 Workshop on Architectural Acoustics – B&K University, Copenhagen, Denmark, Copenhagen, Denmark, October 2009.  
22 Storeytelling as Tools for Teaching Architectural Theory and Design – THAAP 2010, International Conference organized by 'Trust for History of Art and Architecture in Pakistan, November 2010, Lahore, Pakistan

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COMMUNITY WORK

A Member of The National Committee for the Resolution of Controversy arising out of the partial demolition of the Lahore High Court Building. The Committee was constituted by the President of Pakistan and I played a vital role in the final resolution of the issue before the Committee. My contributions towards this were highly appreciated by all concerned.

B Contributed towards the academic life of many Institutions by serving on a number of committees such as:

1. Undergraduate Curriculum Committee
2. Graduate Curriculum Committee
3. Research Committee
4. Architectural Heritage Preservation Committee
5. Safety Committee
6. Library Committees
7. Faculty Promotion Committees
8. Curriculum Assessment Committee
9. Computer Utilization Committee
10. Exhibition Committee
11. Coordination for Math+Arch Courses
12. Coordination for Phys+Arch Courses
13. Energy Awareness Promotion
14. Architectural Materials Lab Development Committee
15. CED-Journal Review Committee
16. Architectural Design Studios Development Committee

PUBLICATIONS

Prepared and presented a number of research papers to a number of International Conferences and Seminars on a number of professional topics. Most of these conferences had the papers selected through a 'referee system'. Almost all these papers have been published in proceedings of these conferences or in Journals of International repute. Please see the attached list of these publications for reference.

ADDRESS

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REFERENCES

On request

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## RESEARCH AND PUBLICATIONS

1. A Computer Model to Simulate the Effects of Spatial Planning of Structures on the Resulting Environment, in proceedings of the Third International Symposium on the Use of Computers for Environmental Engineering Related to Buildings, May 1978, Banf, Alberta, Canada, pp 381 - 392.
2. Estimation of Atmospheric Water Vapour Contents Using Routine Weather Data with particular reference to Lahore/Pakistan, in Alternative Energy Sources, Edited by NejatVeziroglu, published by Elsevier, Holland, pp 15 - 26.
3. Reflected Radiation Environment of Building Facades in Built-up Areas, in proceedings of International Conference on Non-Conventional Energy Sources, Miramare, Trieste, Italy, June 1983.
4. Optimization of Landscape Pattern for Reflected Radiation and the Design of Building Envelope , in proceedings of the International Conference on Passive and Low Energy Architecture, Crete, Greece, July 1983, pp 507 - 516.
5. Enhancing the Engineering Education of Saudi Students, presented to the First Saudi Engineering Conference, Jeddah, May 1983.
6. An Innovative Design Guide for Energy Conscious Environmental Designer, in International Journal of Housing Science Vol. 9, No. 1, 1985, pp 79 - 90.
7. Country Monograph: Pakistan, Proceedings of the International Passive Low Energy Architecture Conference, Mexico City, Mexico, August 1984, pp 360 - 383.
8. Building, Energy and Urban Morphology, Proceedings of the International Passive Low Energy Architecture Conference, Mexico City, Mexico, August 1984, pp 229 - 254.
9. Evaluation of the Effects of Choice of Materials on the Surface Temperatures of Buildings in in Urban Areas, in the Proceedings of the International Passive Low Energy Architecture Conference, Mexico City, Mexico, August 1984, pp 899 - 907.
10. An Overview of Environmental Design Methodologies and Problem Related to Passive Low Energy Architecture, in the Proceedings of the Solar Building Workshop, Riyadh, Saudi Arabia, May 1984, pp 3A-1 to 3A-15.
11. A Computer Formatted Climographic Catalogue for the Kingdom of Saudi Arabia for the use by Architects, Environmental Designers and other Professionals, in the Pre-prints of the Second Saudi Engineering Conference, U.P.M. (K.F.U.P.M.), Dhahran, Saudi Arabia, Nov. 1985, pp 1893 - 1912.
12. Air-conditioning Load Estimation: A Simplified Alternate for Architects and Engineers, in Alternate Energy Sources III, Vol. I: Solar Energy Fundamentals and Applications, edited by T. NejatVeziroglu, published by Hemisphere Publishing Corporation, New York, 1989, pp 383 - 396.
13. An Interactive Computer Model to Simulate the Obstructional Shading of Vertical Surfaces by Adjoining Buildings and Trees, in the Alternate Energy Sources VI Vol. 2: Solar Energy Applications/Waste Energy, edited by T. NejatVeziroglu, published by Hemisphere Publishing Corporation, Washington, 1985, pp 49 - 59.
14. Designing for Human Thermal Comfort with respect to Conditions in the Kingdom of Saudi Arabia, in the proceedings of the Symposium on Solar Building Workshop, KingFaisalUniversity, Dammam, Saudi Arabia, 1984.
15. Energy Crisis in Pakistan And the Role of Solar Architect, a paper presented to the Seminar held by the Pakistan Engineers Forum, Jeddah, Saudi Arabia, Dec; 1986.
16. Air-conditioning Strategies and Implications vis-avis Social and Environmental Factors in the City of Jeddah, Saudi Arabia, published in the proceedings of CIB International Symposium on Energy, Moisture, Climate in Buildings , held at Rotterdam, Netherland, September 3 - 6, 1990.

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17. Critical Evaluation of Noise Environment with respect to Academic Activities: A Case Study of Some Buildings in the College of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, the Journal of King Abdulaziz University Engineering Science, 1993.
18. Innovative Project Evaluation Grading for Stimulating Architectural Education, Proceedings of the Fifth Saudi Engineering Conference, Umm Al-Qura University, Makkah, Saudi Arabia, February 1999.
19. Evaluation of Architectural Projects: An Innovative and Participative Approach, A. A. Siddiqi, – presented to the First Symposium on Environmental Design Education, King Abdulaziz University, Jeddah, 2001
20. Potentials and Perils of Computer Application in Architecture, A. A. Siddiqi, First Symposium on Computer and Information Technology Application in Architectural Education and Practice, May 16-17, 2001, Jordan University of Science and Technology, Irbid, Jordan.
21. The Architectural Design Studio Projects and the Hidden Curriculum, A. A. Siddiqi, Workshop on Teaching Courses Incorporating Projects: Facing the Challenge, KFUPM, Nov: 1999
22. A Conceptual Model for A/E Consultant Selection (CCSM) in Saudi Arabia, SaadiAssaf, Osama Jannadi, Mubarak Al-Beshr, A. A. Siddiqi, CED Review, KFUPM, 2001-2002
23. Architectural Design Studio Projects and the Charades of Curriculum, A. A. Siddiqi, Sixth Saudi Engineering Conference, KFUPM, Dhahran, 2002
24. Students Evaluation of Faculty – A Mirror for Self Analysis, A. A. Siddiqi, Sixth Saudi Engineering Conference, KFUPM, Dhahran, 2002
25. Writing Architectural Curriculum in the Age of Information Technology, A. A. Siddiqi, CIB W89 International Conference on Building Education and Research (BEAR 2003), April 9-11, 2003, The Lowry, Salford, UK.
26. Virtual Architectural Practice VAP: To Be or Not to Be; First International Symposium on e-Architecture, December 2004, KFUPM, Dhahran 31261, Saudi Arabia
27. From Vision to Virtual to Reality: The Journey of the Teaching and Practice of the Profession of Architecture, CAADRIA 2006, Komomoto University Japan, March 31-April 3, 2006
28. Socially Responsive Architectural And Environmental Design To Offset Crime, Violence And Terrorism In Urban Built Areas In Pakistan, IAP (Institute of Architects) Seminar, 2006, Lahore.
29. Quality Assurance In Building Industry Through Strategic Balancing Of Men, Machine And Material, Asiabuild 07, Australia, September 2007.
30. Architectural Design Studio Projects and Industrial Linkages, Symposium/Workshop by PCATP, hosted by UET Taxila, March 2008.
31. Theorizing and Agenda for Defining Islamic Architecture, IAP (Institute of Architects) Seminar, 2008, Lahore.
32. Architecture in a Waterless World – Blue in Architecture – 2009, Venice, Italy, September 2009.
33. Workshop on Architectural Acoustics – B&K University, Copenhagen, Denmark, Copenhagen, Denmark, October 2009.
34. Storeytelling as Tools for Teaching Architectural Theory and Design – THAAP 2010, International Conference organized by 'Trust for History of Art and Architecture in Pakistan, November 2010, Lahore, Pakistan