



Bio-Data

**Dr. Abraham George**

Professor and Head of the Department  
Department of Architecture and Regional Planning  
Indian Institute of Technology Kharagpur  
Kharagpur, West Bengal, Pin 721 302, INDIA

**Dr. Ar. Abraham George** is born on the Seventh of December, 1963. He has graduated with *First Rank* in **B. Arch** from the University of Kerala in December 1986, secured **M. Arch** with *Excellent Grade* from Indian Institute of Technology, Kharagpur, in 1991 and **Ph.D** in Development of symbolic tools for communication in Architecture from Calicut University, in 2005. He worked as an active faculty member of the Department of Architecture, National Institute of Technology-Calicut, from August 1988 to January 2009, and has contributed to the cause of Architecture through institution development, numerous building and interior projects; including the prestigious administrative complex of NITC, research projects, numerous published papers, teaching and invited lectures. He was awarded the **John Crawford Scholarship** by the Government of Australia, 1992 and **Fulbright Research Fellowship** 2003-04 with centre of research at the Department of Architecture, Cornell University, New York. The Nehru Trust for Cambridge Collections, Victoria Albert Museum, UK had awarded him research grant for 2005-06. His paper "Gazing into the future of Architecture; An evolving profession" was awarded the **Best Faculty Paper Award** in the Golden Jubilee Conference of School of Architecture and Planning Chennai, February 2008. He is currently Member Board of Studies of School of Architecture and Planning, Anna University and University of Calicut, Member of the Editorial Board of (i) **Education and Practice** published by **IISTE US**, (ii) **ICFAI Journal of Architecture**, Journal of Emerging Trends in Educational Research and Policy Studies – **JETERAPS**, Reviewer, (iii) **Journal of Architectural Engineering**, American Society of Civil Engineers, (iv) **Journal of design Studies**, published by **IISTE US**, and Member of Review panel of **International Congress, Petronas University**, Kuala Lumpur. He worked as the Chairman - Academic Board, IIA Kerala Chapter, Vice-Chairman–IIA Calicut Center, till February 2009. Formerly, he contributed as the Head of the

Department of Architecture and gladly built up the Department of Architecture, NIT Calicut to the national level accredited by the Council of Architecture in the year 2009. Dr. Abraham George is currently working as **Professor**, with effect from October 09, 2020 at the Department of Architecture and Regional Planning, Indian Institute of Technology Kharagpur. During my tenure till the date I have guided four PhD candidates; one is awarded and there are ongoing. I have ongoing **mega-project** on 'Age-friendly built forms and Infrastructure Design' sponsored by MHRD, Govt. of India and two other project on 'Youth empowerment through Mud Block making' and 'Influence of Print Journalism on Architectural Design; both sponsored by SRIC, IIT Kharagpur. International exposure and collaborative research work are essential for students to gain confidence, self-worth and capability to compete in the international scenario. I have initiated International student exchange at the Department with an M. Arch student from Leibnitz University. Currently, I am entrusted with the responsibility of forging the relationship with Leibnitz University Hannover and I have forged a brilliant **MoU** with the University. Further, I have put in efforts and formed another MoU with Auro Society, Pondicherry an organization of repute with IIT Kharagpur. As the MoU officer, I facilitate mutual collaborations.

#### **AREAS OF EXPERTISE:**

- Architectural Design of all types of buildings
- Urban Design and Preservation documentation
- Semiotics and Spatial Communication in Architecture
- Pedagogy in Architectural Education
- Sustainability and Landscape Architecture
- Interior Design and Ergonomics
- Culture, Architectural Anthropology and Heritage Studies
- Visual communication, Print, Media, Graphic Design in Architecture
- Cognition, perception and pedagogy

1. Name : **ABRAHAM GEORGE**
2. Department : **Dept. of Architecture and Regional Planning**  
: **Indian Institute of Technology Kharagpur**
3. Date of Birth : **December 07, 1963**
4. Entry Cadre and date of Joining : **Lecturer, August 24, 1988 (FN) at NIT Calicut**
5. a. Cadre as on January 29, 2009: **Associate Professor of Architecture**  
a1. Present Cadre as on October 09, 2020:  
**Professor and HoD Architecture and Regional Planning**
- b. Email : **Planning : profageorge@gmail.com, abraham@arp.iitkgp.ac.in**
- c. Telephone : **+ 91-3222-283236 (O),- 283237 (R) Cell: + 91-9434742367**

**6. Education qualification starting from the most recent one in the reverse order:**

| Sl. No. | Degree Acquired                    | Date and Month           | Name of the Institute                             | Name of the University/Institute                 | Remarks  |
|---------|------------------------------------|--------------------------|---|--|--|
| 1.      | <b>Ph. D</b>                       | <b>November 28, 2005</b> | <b>National Institute of Technology Calicut</b>   | <b>University of Calicut Kerala</b>              | <b>Development of symbolic tools for communication in Architecture</b> |
| 2.      | <b>Advanced Leadership studies</b> | <b>June 2006</b>         | <b>Haggai Institute, Maui, Hawaii, USA</b>        | <b>Haggai Institute, Maui, Hawaii, USA</b>       | <b>Leadership skills</b>   |
| 3.      | <b>Fulbright Fellowship</b>        | <b>January 2004</b>      | <b>Cornell University, New York</b>               | <b>Cornell University, New York</b>              | <b>GPA 3.96/4.0 Excellent Grade</b>                                    |
| 4.      | <b>M. Arch</b>                     | <b>July 27, 1992</b>     | <b>Indian Institute of Technology, Kharagpur</b>  | <b>Indian Institute of Technology, Kharagpur</b> | <b>CGPA-9.42/10 Excellent Grade</b>                                    |
| 5.      | <b>B. Arch</b>                     | <b>April, 1986</b>       | <b>College of Engineering, Thiruvananthapuram</b> | <b>University of Kerala</b>                      | <b>First Class 69.3%, First Rank</b>                                   |

**7. i. Member of Doctoral Committees:**

- Anna University Chennai, Tamil Nadu, India
- Cochin University of Science and Technology Cochin, Kerala, India
- Manipal University, Karnataka, India
- Sardar Vallabhbhai Patel National Institute of Technology, Surat, Gujarat, India

- Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, India

## ii. Membership in Professional Bodies:

- Registered Architect, Council of Architecture. CA/87/10887
- Associate of Indian Institute of Architects. A 6797
- Life Member, Indian Society for Technical Education ISTE. LM
- Member of Fulbright Alumni Association.
- Graduate Member of Haggai Institute, Maui, USA
- Member of INTACH, India

## iii. Details of Experience:

| Sl No.  | Position  | Period   |
|---|---|--|
| 01  | <b>Professor of Architecture and Head of the Department</b><br>Dept. of Architecture and Regional Planning,<br>Indian Institute of Technology Kharagpur   | <b>October 09, 2021 (FN)-<br/>Continuing</b>                 |
| 02  | <b>Associate Professor and Head of the Department</b><br>Department of Architecture & regional planning,<br>Indian Institute of Technology Kharagpur      | <b>August 08, 2020-<br/>October 09, 2021</b>                 |
| 03  | <b>Associate Professor</b><br>Department of Architecture & regional planning,<br>Indian Institute of Technology Kharagpur                                 | <b>January 29, 2009 –<br/>August 08, 2020</b>                |
| 04  | <b>Associate Professor and Head of the Department</b><br>Department of Architecture, National Institute of Technology- Calicut                            | <b>August 01, 2008 –<br/>January 23, 2009<br/>(6 months)</b> |
| 05  | <b>Associate Professor of Architecture</b><br>Department of Architecture, National Institute of Technology- Calicut                                       | <b>01-01-2006</b><br>(PhD wef Nov 28, 2005)                  |
| 06  | <b>Lecturer in Architecture ( Selection Grade)</b><br>Department of Architecture, National Institute of Technology Calicut                                | <b>23/10/2000 –<br/>01/01/2006</b><br>(6 Years and 1 month)  |
| 07  | <b>Lecturer in Architecture, then to Lecturer in Architecture (Senior Scale)</b><br>Department of Architecture, National Institute of Technology- Calicut | August 24, 1988-<br>23/10/2000,<br>(12 years and 4 months)   |
| 08  | <b>Asst. Architect</b><br>M/S Jayachandran and Muralee Associates<br>Consulting Architects and Engineers, Trivandrum                                      | December 1986 – July<br>1987, (7 months)                     |
| <b>Total Experience</b><br>As on March 27, 2021 |   | <b>32 years and 07 months<br/>+ 7 months (Pvt)</b>           |

## 8. Details of publications:

| 7.<br>A. JOURNALS |                               | TWELVE JOURNAL PAPERS                              |                 |                         |
|-------------------|-------------------------------|--|-----------------|-------------------------|
| Sl. No            | Name of the Journal           | Title of the paper with Months & Date              | Author (s) Name | National/ International |
| 01                | Science Direct, Elsevier 2019 | Sustainable Architecture, Alternative Concepts and | Abraham George  | Science Direct,         |

|    |  |  |  |   |
|----|--|--|--|---|
|    | <b>Book Chapter</b>  | Waste Reduction<br><a href="https://doi.org/10.1016/B978-0-12-803581-8.10700-3">https://doi.org/10.1016/B978-0-12-803581-8.10700-3</a>                         |  | Available Online, Scheduled for 2020, International                 |
| 02 | Science Direct, Elsevier 2019<br><b>Book Chapter</b>   | Roof Gardens to Vertical Farms<br><a href="https://doi.org/10.1016/B978-0-12-803581-8.10706-4">https://doi.org/10.1016/B978-0-12-803581-8.10706-4</a>          | Abraham George                                     | Science Direct, Available Online, Scheduled for 2020, International |
| 03 | <b>Research Gate</b> ,<br><i>March 2, 2015.</i><br><a href="https://www.researchgate.net/publication/309040727">https://www.researchgate.net/publication/309040727</a> | Computational Planning Statistical Approach to Site Zoning Using Method Of Overlays  | Ashris Choudhury, Abraham George                   | <i>Research Gate</i> , Available Online, International              |
| 04 | Journal of Indian Institute of Architects, Volume. 84, issue. 8, August 2019   | Analysis of existing methods of building performance and optimization  | Abraham George, Mukta Deshpande                    | National Journal  |
| 05 | Journal of Forensic Science and Addiction Research, CRIMSON Publishers USA   | Screening of Age-Friendly Criteria by Modified Fuzzy Delphi Method Vol 2, P1-8   | Abraham George, Sasi B. Raut                       | International Journal   |
| 06 | <i>Springer Transactions in Civil and Environmental Engineering</i> . Book Title: <i>Understanding Built Environment</i>   | Climate Responsiveness of Wada Architecture, ISBN-978-981-10-2136-7, pp. 29-35, 2016   | G. M. Alapure, Abraham George, S. P. Bhattacharyya | International Journal   |
| 07 | <b>International Journal of Scientific Engineering and Technology</b>  | <i>Delphi-AHP-Fuzzy Computational Approach to Sustainability Assessment Model and Indian Traditional Built Forms</i> , Vol.3, Issue No.11, pp.1330-1335 (2014) | Abraham George et.al                               | International Journal   |
| 08 | <b>Global Journal of Researches in Engineering:</b><br>General Engineering, Global Journals Inc. (USA)   | <i>Factors influencing the choice of Travel Mode in Inclement Weather Conditions in Indian cities</i> , Volume 16 Issue 3 Version 1.0 Year 2016, P: 2          | Abraham George et.al                               | International Journal   |
| 09 | <b>Journal of Forensic Science and Addiction Research</b> , CRIMSON Publishers USA   | <i>Screening of Age-Friendly Criteria by Modified Fuzzy Delphi Method</i> , February 22, 2018  | Abraham George et.al                               | International Journal   |

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|----|--|---|---|-----------------------|
|    |  | <i>Volume 2 - Issue - 3</i>   |   |                       |
| 10 | Springer, ISBN: 978-1-4471-4506-6 (Print) 978-1-4471-4507-3 (Online)<br><b>Book Chapter</b>  | <i>Systematic Sustainable Design in Architecture and the Need to Mimic Nature, CIRP Design 2012, Sustainable Product Development, Editors: Amaresh, Chakrabarti, pp 37-46</i> | Abraham George  | Online International  |
| 11 | Journal of Forensic Science and Addiction Research, CRIMSON Publishers USA   | Design Considerations in Designing Age-Friendly Streets, , Vol 2, P. 7, 2017  | Abraham George  | International Journal |
| 12 | Journal of Research & Development in Material Science, CRIMSON Publishers USA  | Trends of Change and Alternative Models for Existence of Architectural Education, Vol 3, P. 7, September 21, 2017   | Abraham George  | International Journal |
| 13 | Wellworth International, Architecture Pedagogy: concepts, Theories and Paradigms, Jamia Millia Islamia, faculty of Architecture and Ekistics, New Delhi  | Relevance of an Alternative Curriculum in Architecture<br>P: 273-278  | Prof. Abraham George<br>Ar. Pashmeena Vikramjit Ghom          | International         |
| 14 | International Journal of Scientific Engineering and Technology   | Delphi-AHP-Fuzzy Computational Approach to Sustainability Assessment Model and Indian Traditional Built Forms, Vol.3, Issue No.11, pp.1330-1335 (2014)                        | G.M. Alapure, Abraham George, S. P. Bhattacharya              | International         |
| 15 | The Week. [Online]. Available: <a href="https://www.theweek.in/news/india/2019/11/21/maradu-flats-demolition-are-there-alternate-solutions.html">https://www.theweek.in/news/india/2019/11/21/maradu-flats-demolition-are-there-alternate-solutions.html</a> | Alternate Solutions to Demolition of Buildings in Maradu under CRZ infringements  | Ar. Sameer Ali<br>Prof. Abraham George<br>Prof. (Dr.) KD Raju | International         |
| 16 | <i>Abacus</i> (2012)   | Vision and visual systems as a backdrop for design  | Paul Varghese,<br>Arif N. M,<br>Abraham George                | International         |
| 17 | Journal of Indian Institute of Architects  | Systematic Approach to Cost Effectiveness in Architecture, Vol.74, Issue.07, July 2009  | Abraham George  | National Journal      |
| 18 | Veedu- A publication of Malayala Manorama  | Systematic Approach to Cost Effectiveness in Residential Projects; Some   | Abraham George  | National Journal      |

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|-----------------------|---|--|---------------------------------------|---|
|                       |   | Thoughts, April (2009) Issue   |                                       |   |
| 19                    | Journal of The Indian Institute of Architects                 | Interactive learning environments for higher education in Architecture<br>Vol. 71, Issue 03, March 2006        | Abraham George                        | National Journal  |
| 20                    | Journal of Council of Architecture                            | Ideas and images,<br>Jan –Feb 2004   | Abraham George                        | National Journal  |
| 21                    | Journal of The Indian Institute of Architects                 | Architectural Symbolism through the history of Architecture – A critical review<br>Vol. 68, Issue 6, Nov 2003  | Abraham George                        | National Journal  |
| 22                    | Journal of Construction Management, NICMAR                    | Work Breakdown Structure for Construction of Apartment Projects<br>Vol. XV, No. 4, Oct-Dec. 2000               | Abraham George                        | International Journal published by NICMAR, Bombay         |
| 23                    | Journal of The Indian Institute of Architects                 | Design Criteria to Enable the Differently-able in the use of Built Environments<br>Vol. 65, Issue 05, May 2000 | Abraham George                        | National Journal  |
| 24                    | Journal of The Indian Institute of Architects                 | Restructuring Strategy for Architectural Education<br>Vol. 62, Issue 01<br>January 1997                        | Abraham George and JJK                | National Journal  |
| 25                    | Journal of Construction Management, NICMAR                    | A Generalized Construction Management Model<br>Vol. XII, Jan-March 1997  | Abraham George                        | International journal published by NICMAR, Bombay         |
| 26                    | Journal of CalicutCenter of Indian Institute of Architects    | Wind aspects of Traditional Architecture of Kerala<br>Winter 1994 - '95  | Abraham George                        | Journal of Calicut Centre, Indian Institute of Architects |
| 27                    | Journal of Construction Management, NICMAR                    | Planning Techniques in Building Projects<br>Vol. VIII, No. 1, April 1993                                       | Abraham George                        | International journal published by NICMAR, Bombay         |
| <b>B. CONFERENCES</b> |   | <b>TWENTYTHREE CONFERENCE PAPERS</b>   |                                       |   |
| Sl. No                | Name of the Conference  | Title of the paper with Months & Date  | Author (s) Name                       | National / International                                  |
| 01                    | Skills and Architectural Education- A New Paradigm, School of | Potential of Cognitive based learning in Architectural Design,<br>March 2020                                   | Prof. Abraham George<br>Ar. Pashmeena | National  |

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|----|---|--|---|---------------------------------------|
|    | Architecture, Urban Development and Planning, Symbiosis Skills & Open University, Pune  |  | Vikramjit Ghom  |                                       |
| 02 | International Conference on -Visionary Action towards Livable Urban Environments (VALUE 2020), VIT Vellore, Tamil Nadu, India                     | Concerns of architectural education, practice and research: Gazing beyond 2025, February 20-21, 2020<br><b>(Keynote paper)</b> | Prof. Abraham George<br>Ar. Pashmeena<br>Vikramjit Ghom | International                         |
| 03 | ASA 2019, IIT Roorkee, India  | Impact of Print Journalism on Architecture Profession and Product, November 28-30, 2019  | Prof. Abraham George                                    | International                         |
| 04 | ARCP 2019 Conference: The 3rd Asian Regional Conference on Peri-Urbanization. School of Planning and Architecture, Bhopal                         | A Critical study on Kerala Flood-2018. 17th-20th December 2019   | Ar. Sameer Ali,<br>Prof. Abraham George                 | International                         |
| 05 | International Conference on Architecture Pedagogy 2019 (ICAP-2019) organized by Faculty of Architecture & Ekistics, JamiaMillialslamia, New Delhi | Relevance of an Alternative Curriculum in Architecture November 11-13, 2019  | Prof. Abraham George<br>Ar. Pashmeena<br>Vikramjit Ghom | International                         |
| 06 | International conference on Architecture & Civil Engineering 2015, Singapore  | Emerging Trends and Alternative Models in Architecture, April 13-14, 2015 <b>(Keynote paper)</b>                               | Abraham George  | International                         |
| 07 | National conference on Smart Cities, SVNIT Surat, Gujarat (Chief Guest)   | Smart City, Today and Beyond, April 10-11, 2015<br><b>(Keynote paper)</b>  | Abraham George  | National                              |
| 08 | Sustainable Built Environment, IIT Roorke   | Climate Responsiveness of Wada Architecture, April 10-12, 2015<br><b>(Best Paper Award)</b>                                    | G.M. Alapure,<br>Abraham George,<br>S. P. Bhattacharya  | National<br><b>(Best Paper Award)</b> |
| 09 | Second Annual Conference on Architecture and Civil Engineering (AEC2014), Singapore   | A Critical Evaluation of Thermal Performance of Traditional Built Forms of South West Bengal March 24-25, 2014                 | G.M. Alapure,<br>Abraham George,<br>S. P. Bhattacharya  | International                         |
| 10 | International Seminar on Architecture: Education, Practice and Research, Department of Architecture, BEUT, Dhaka, February 2-4 (2012)             | Comparing Visual and Computational Systems for Design  | Paul Varghese, Arif N. Merchant,<br>Abraham George      | International                         |



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|----|--|---|----------------------------------|---|
| 11 | CIRP Design 2012, IISc Bangalore, March 28-30 (2012)   | Systematic Sustainable Design in Architecture and the need to mimic nature  | Abraham George<br>Susan Abraham  | International                                 |
| 12 | International Conference 'Green City-Design, Planning and Management' Jan 21-23, 2011                                  | Systematic Sustainable Architecture and the Need for Alternative Concepts   | Abraham George<br>Susan Abraham  | International                                 |
| 13 | First International Conference on Sustainable Building and Infrastructure, Petronas University, Kuala Lumpur, Malaysia | Concepts and Strategies for Sustainable Architecture, June 15-17, 2010  | Abraham George                   | International                                 |
| 14 | Eighth Global Conference on Environmental Education, Goa   | Concepts and Strategies for Sustainable Architecture, November 04-08, 2009  | Abraham George                   | International                                 |
| 15 | Fulbright Alumni Workshop on Architecture, Media And Cultural Continuity, NITC, Calicut, Kerala                        | Relevance of Sign and Knowledge in the Establishment of an Architectural Continuum. April 9, 2008.  | Abraham George                   | National workshop supported by USEFI          |
| 16 | Golden Jubilee Conference of School of Architecture and Planning Chennai   | Gazing into the future of Architecture; An evolving profession. (Future Course & Content of Architectural Education), February 28-29, 2008                  | Abraham George                   | National<br><b>(Best Faculty Paper Award)</b> |
| 17 | International Conference on Ergonomics, IIT-G  | Interactive Learning Environments for higher Education. Dec 10-12, 2005   | Abraham George                   | International                                 |
| 18 | ISTE 16th Annual Convention, Tvm   | Interactive Learning Environments for Architectural Education. 26th November 2005   | Abraham George                   | National                                      |
| 19 | ICNAAM 2005, Rhodes, Greece  | Development of automatic mesh generators. August 2005   | Abraham George,<br>Susan Abraham | International                                 |
| 20 | Paithrukam 2004, MESSchool of Architecture, Majlis Resort, Trichur   | Performance Oriented Aesthetics in Architecture - A Study of SM Street. February 24-27, 2005  | Abraham George                   | National                                      |
| 21 | Paithrukam 2004, MESSchool of Architecture, Majlis Resort, Trichur   | Architecture as a symbolic expression of the working of Geist through man: An enquiry into the puritan aesthetics in Colonial America. February 24-27, 2005 | Abraham George                   | National                                      |
| 22 | Seventh International Conference on Humane Habitats, RIZVI, Mumbai   | Adaptive strategies for revamping architectural education for multicultural, global   | Abraham George                   | International<br>ICHH – 07<br>(European       |

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|--|--|--|---------------------------------|--------------------------------|
|  |  | societies – A study with emphasis on classroom learning. January 28-30, 2005   |                                 | Union)                         |
| 23   | Mid Year Conference of South Asia Fulbrighters-USEFI, IIM-Kozhikode  | Symbolic Communication in Architecture. Jan 10-12, 2005  | Abraham George                  | International USEFI Conference |
| 24   | Arts and Architecture of the US, United States Educational Foundation in India, Baroda                       | Architecture as a symbolic expression of working of the Geist through man: an enquiry into the puritan Architecture of Colonial America and Madurai December 5-16, 2004                          | Abraham George                  | International USEFI Seminar    |
| 25   | National convention on Architectural Education IIA, Bangalore  | Strategies for Revamping Architecture Education April 16-17, 2004  | Abraham George                  | National                       |
| 26   | Paithrukam, MES Trichur  | Architectural symbolism as manifest in Geriatric Centers- A study. October 18-20, 2002   | Abraham George                  | National                       |
| 27   | International Conference on Construction Industry, The Institution of Engineers (I), Chandigarh              | A Study on Delays and Work Breakdown Structure in Apartment Construction Projects November 18-20, 2000   | Abraham George                  | International                  |
| 28   | National conference on Design for Disabled and Elderly, School of Architecture Chandigarh                    | Design Criteria to Enable the Differently-abled in the use of Built Environments. March 22, 2000   | Abraham George                  | National                       |
| 29   | National Convention of The Indian Institute of Architects, Calicut   | Neo Architecture<br>December 26-28, 1997   | Abraham George                  | National                       |
| 30   | The South Summit, SRC, The Indian Institute of Architects, Kovalam   | Thermal Performance of a Traditional Residence – A Critical Study, January 4-5, 1997   | Abraham George and J. Jayakumar | National                       |
| 31   | IX National Convention of the Architectural Engineering Division, The Institution of Engineers (I), Dharward | A Generalized user –friendly Construction Project Management Package<br>September 11-12, 1993  | Abraham George                  | National                       |
| 32   | National Convention of Architectural Engineers, Institution of Engineers (I), Mysore                         | Indigenous Techniques in Rural House Building in Orissa<br>March 10-11, 1990   | Abraham George                  | National                       |
| <b>Five Research Papers produced for the Fulbright Fellowship at Cornell University, New York, USA</b> |  |  |                                 |                                |
| 01   | Department of Anthropology<br>Cornell University, New York, USA  | Colonial American Architecture as an expression of the working of the Universal Force through man: An enquiry into the Colonial residential and institutional Architectural Landscape of America |                                 | Rated Excellent                |
| 02   | Department of Anthropology   | Relevance of Sign and Knowledge in the Establishment of an Architectural Continuum   |                                 | Rated Excellent                |

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|----|---|--|-----------------|
|    | Cornell University, New York, USA                               |  |                 |
| 03 | Department of Anthropology<br>Cornell University, New York, USA | Architecture as a signifying system in the establishment of continuity – Use of Myths, Metaphors and Metonyms... | Rated Excellent |
| 04 | Department of Architecture<br>Cornell University, New York, USA | A Guide to the AmishVillage.   | ---             |
| 05 | Department of Architecture<br>Cornell University, New York, USA | Adaptability of MughalGardens to the modern Indian context.  | ---             |

### 9. Research Projects completed:

| Sl. No | Name of the project along with the name of the investigator.                                       | R & D/ Modernization/ Thrust Area/Others                        | Duration                         | Amount involved Rs./-                      |
|--------|--|---|----------------------------------|--|
| 01     | Age-friendly residential built forms and Infrastructure design and knowledge networking.           | MHRD, Govt. of India operated by (SRIC/IIT Kgp, Rs. 53.3 Lakhs) | Three year 2014-2017             | Rs. 5330000/-                              |
| 02     | Youth empowerment through Mud block Making   | (SRIC/IIT Kgp, Rs. 1.00 Lakh)                                   | One year 2014-2015               | Rs. 100000/-                               |
| 03     | Development of Trend-generating Communication Model in Architecture. Abraham George                | (SRIC/IIT Kgp, Rs. 3.00 Lakhs)                                  | Three year 2010-2012             | Rs. 300000/-                               |
| 04     | Influence of Colonial Architecture on the built forms of Kerala - A critical study. Abraham George | Victoria Albert-Nehru Trust Research Grant, Cambridge, UK       | One year 2005-2006               | £ 500.00                                   |
| 05     | Laboratory for Creative Arts and Documentation. Abraham George                                     | MHRD, Modernization and Removal of Obsolescence 2002-2003       | One year. Completed successfully | Rs. 900000/- (7Lakhs, MHRD + 2 Lakh, NITC) |
| 06     | Development of Symbols for effective Communication of Architecture. Abraham George                 | Faculty Research Project CREC/BNN/ FRP/04/00-2001               | 12-month Project Completed       | Rs. 10000/-                                |
| 07     | Documentation of KolaiVeedu. Abraham George  | R&D/ CREC. 1999   | 6-Months Completed               | Rs.5000/-                                  |
| 08     | Thermal Performance of Courtyard Houses in Hot-Humid Climate. Abraham George                       | FRP/CREC/ Dean (P&D) FRP/97. 1997                               | 6-Months Completed               | Rs.15000/-                                 |

| <b>10 a: Summer / Winter Coordinated</b>     |   |   |                   |                   | Coordination / Lecture       |
|--|---|---|-------------------|-------------------|------------------------------|
|  | Title of the Course   | Summer/ Winter Short term course                | Starting Month    | Ending Month      |                              |
| 01   | Changing perspectives on Age-friendly built forms and infrastructure Design                     | Short Term Course TEQIP of MHRD, Govt. of India | April 19, 2015    | April 26, 2015    | Coordinator 2015             |
| 02   | Green Architecture and Carbon Free Living   | Short Term Course QIP of AICTE                  | December 18, 2009 | December 24, 2009 | Coordinator 2009             |
| 03   | Conservation Of Architecture Heritage   | Summer School ISTE                              | May               | 2008              | Coordinator 2008             |
| 04   | Relevance of Heritage and Symbolism in the establishment of Architectural Continuum             | Short Term Course QIP of AICTE                  | March 22, 2004    | March 27, 2004    | Coordinator 2004             |
| 05   | Participatory decision making in the Design of Built Environment                                | WinterSchool AICTE                              | January 07, 2002  | January 13, 2002  | Coordinator 2002             |
| 06   | Energy Conservation of Built Environment  | WinterSchool AICTE                              | November 05, 2001 | November 18, 2001 | Delivered two Lectures 2001  |
| 07   | Interior Design Practice  | Summer School ISTE/AICTE                        | May 17, 1995      | May 31 1995       | Delivered five Lectures. '95 |
| <b>10 b: Refresher Courses Coordinated</b>   |   |   |                   |                   |                              |
| 01   | Fulbright Alumni Workshop on Architecture, Media And Cultural Continuity, NITC, Calicut, Kerala | Workshop supported by USEFI                     | One Day April 9   | 2008              | Coordinator 2008             |
| 02   | Interior Design with emphasis on Indoor Landscaping   | Refresher Course                                | 3 days            | 2003              | Coordinator 2003             |
| 03   | Sustainable landscape Architecture  | Refresher Course, NITC                          | September 2, 1997 | Sept 4, 1997      | Coordinator 1997             |
| 04   | Landscape Architecture  | Refresher Course, NITC                          | February 27, 1996 | February 29, 1996 | Coordinator 1996             |
| <b>11. a. External Consultancy Projects</b>  |   |   |                   |                   |                              |
| 01   | Thusharagiri Eco Tourism Project, Thusharagiri, Calicut   | Dept. of Architecture                           |                   | 2007              | Ongoing                      |
| 02   | Design for Auditorium, KodencherryChurch.   | Dept. of Architecture                           |                   | 2003              | Rs.60 lakh                   |
| 03   | Design for the New Administrative Building, Cthamangalam Gramam.                                | Dept. of Architecture                           |                   | 2000-2001         | Rs.30 lakh                   |
| 04   | Cricket Stadium for Thalassery Municipality.  | Dept. of Civil Engineering                      |                   | 1996              | Rs.100 lakh                  |
| 05   | Design for the PG Block, Sri. Guruvayoorappan College, Calicut.                                 | Dept. of Civil Engineering                      |                   | 1996              | Rs.50 lakh                   |
| <b>11. b. In-house Consultancy Projects:</b> |   |   |                   |                   |                              |
| 01   | Concept proposal for Mega-Hostel. 10000 students capacity                                       | Director, NITC                                  |                   | 2007-08           | Rs. 67 Crore                 |
| 02   | New Central Library, NITC   | Director, NITC                                  |                   | 2007-08           | Rs. 20 Crore                 |

|    |   |                |         |                |
|----|---|----------------|---------|----------------|
| 03 | School of Architecture, NITC              | Director, NITC | 2005-06 | Rs. 8.0 Crore  |
| 04 | School of Chemical Engineering, NITC      | Director, NITC | 2005-06 | Rs. 14 Crore   |
| 05 | Hostel for Boys with 165 beds, NITC       | Director, NITC | 2005-06 | Rs. 4.0 Crore  |
| 06 | Master Plan for NITC, with Dr. Naseer M.A | Director, NITC | 2005-06 | Multi-crore    |
| 07 | VIP Guest House, NITC                     | Director, NITC | 2005-06 | Rs. 1.5 Crore  |
| 08 | New Administrative Complex, NITC          | Director, NITC | 2005-06 | Rs. 6 Crore    |
| 09 | Students Amenities Center, NITC           | Director, NITC | 2005-06 | Rs. 1 Crore    |
| 10 | Interior Design for the Office, MED       | Director, NITC | 2004-05 | Rs. 0.04 Crore |
| 11 | School of Mechanical Engineering, NITC    | Director, NITC | 2003-04 | Rs. 9.0 Crore  |
| 12 | New Ladies Hostel                         | Director, NITC | 1998-00 | Rs. 3.0 Crore  |
| 13 | Interior Design for Principal's Chamber   | Director, NITC | 1999-00 | Rs. 0.15 Crore |
| 14 | Administrative Complex, NITC              | Director, NITC | 1998-00 | Rs. 2.5 Crore  |
| 15 | PG Hostel for Boys                        | Director, NITC | 1996-98 | Rs. 2 Crore    |

**12. TEACHING AND CONSULTANCY EXPERIENCE:** 32 years+ 7 months as on May 18, 2015.

**Subjects taught / teaching at undergraduate level:**

- ☐ Architectural Design for all Semesters of B. Arch
- ☐ Advanced Theory of Architecture and Research Methods
- ☐ Interior Design
- ☐ Urban Design
- ☐ Landscape Architecture
- ☐ Anthropometrics and Ergonomics
- ☐ Architectural Acoustics
- ☐ Professional Practice
- ☐ Creative Arts Laboratory
- ☐ Interactive Media Design Lab
- ☐ Architectural Photography

**At the postgraduate level:**

- **Developed a Postgraduate program: M. Arch-(Sustainable Built Environments), IIT Kharagpur**
- **Developed a Postgraduate Program: M. Des - (Environment) Dept. of Architecture, NITC**
- **Developed a PG level course; MED629 Energy Efficient Buildings**, in association with the Department of Mechanical Engineering, NITC

### 13. Academic / Teaching / Professional Experience:

- **Permanent, fulltime faculty member**, Dept. of Architecture, National Institute of Technology, Calicut, Kerala State, INDIA, since August, 1988 onwards; **19 y 9 m.**
- **Designed and completed prestigious buildings;** Administrative Block NITC, Hostels, Main Gate, Students Amenities Center, New Administrative Block, School of Chemical Engineering, New Central Library of NITC to name a few.
- **Member of Board of Studies** – Faculty of Architecture and planning:  
Anna University, Chennai, Tamil Nadu, India
- University of Calicut, Kerala, India
- **Member of Faculty of Architecture**, NIT Calicut
- **Member of Doctoral Committee:** Manipal University, Manipal
- **Senator** – NIT Calicut. (2005-2008)
- **Academic Coordinator** – Indian Institute of Architects, Kerala Chapter
- **Vice Chairman** - Indian Institute of Architects, Calicut Center

### 14. Research Interests:

- Architectural design and Spatial Communication in Architecture.
- Sustainability and Landscape Architecture
- Interior Design and Ergonomics
- Architectural Anthropology and Cultural Studies in Architecture.
- Culture and Heritage Studies in Architecture.
- Pedagogy, Print, Media, Graphic Design and Semiotics in Architecture

### 15. Awards / Honors:

- **Best Faculty Paper Award**, Sustainable Built Environment, IIT Roorkee 2015

- **Best Faculty Paper Award**, Golden Jubilee Conference of School of Architecture and Planning Chennai, February 2008.
- **Victoria Albert – Nehru Trust Research Grant**, UK. 2005-06
- **Fulbright Fellowship**, Cornell University, USA.2003-04
- **John Crawford Scholarship**, Sydney University, Australia. 1994
- Selected by '**Reference India**'; a reference book on men of achievements, Vol.2, Rifacimento International, Delhi. 1994
- **National Merit Scholarship**.1985
- **President's Scout Award**. 1979

**16. Keynote Speech::**

- **Keynote Speaker:** International Conference on -Visionary Action towards Livable Urban Environments (VALUE 2020), VIT Vellore, Tamil Nadu, India
- **Keynote speaker** in the Annual International Conference on Architecture and Civil Engineering (**ACE** , April 2015), Singapore
- **Keynote speaker** in the National Conference on Smart Cities, SVNIT, Surat(April2015),

**17. Member of the Editorial Board:**

- **Journal of Education and Practice** published by IISTE US – 2012
- **Journal of Design Studies**, published by IISTE US- 2012
- **Co-Editor-in-Chief** of the Annual International Conference on Architecture and Civil Engineering (**ACE** April, 2014), Singapore
- **Co-Editor-in-Chief** of the Annual International Conference on Architecture and Civil Engineering (ACE 2013),Singapore
- **ICFAI Journal of Architecture**, International Journal published from Hyderabad, India
- **Editorial Board member** of Journal of Emerging Trends in Educational Research And Policy Studies – **JETERAPS** since October 19, 2010.

**Member of Review panel:**

- **Journal of Architectural Engineering**, American Society of Civil Engineers, **USA**2010-Continuing

- **Member of Review panel** of International Congress, Petronas University, Kuala Lumpur, June 2010
  - **IEEE Business Engineering and Industrial Applications Colloquium**, Malaysia – 2013
  - **IEEE Colloquium on Humanities, Science and Engineering Research** – 2012
- 18. Edited Book: Green Hand Book** - A collection of edited papers on Green Architecture, December 2009
- 19. Session Chair:**
- **International Conference ‘Green City–Design, Planning and Management’** Jan 21–23, 2011
  - **International Congress on Green Buildings**, Petronas University, Kuala Lumpur June 2010
- 20. Institute Administrative Activities**
- **NSS Programme Officer** since 2011-13, Associate Programme Coordinator 2013-14.
  - **Coordinated NSS day 2011**; a major function with more than 800 participants and external guests.
  - **Official Representative of IIT Kharagpur to Leibnitz University**, Hannover, Germany(2014-Continuing) and **Auroville Society**, Pondicherry (2017-continuing).
  - **Assistant Warden** of the Largest Hostel; BR Ambedkar Hall of Residence, IIT Kharagpur since 2014
- 21. Professional Activities**
- Board of Governors’appointed **Expert Member** on the Design and Construction Evaluation Panel of NIT Rourkela, Dec2010
  - Vice Chancellor appointed **Member of Syllabus Revision Committee** of Anna University Chennai, (Since 2012- Continuing)
  - **Designed** the well-appreciated IIT Kharagpur Convocation Hall, and Stage 2014.
  - **Served** on the Convocation Publication Committee (2015), IIT Kharagpur.
  - **Designed** the well-appreciated IIT Kharagpur Convocation Hall, and Stage 2015.
  - **Served** on the Convocation Publication Committee (2016), IIT Kharagpur.
  - **Designed** the well-appreciated IIT Kharagpur Convocation Hall, and Stage 2016
  - **Served** on the Convocation Publication Committee (2017), IIT Kharagpur.
  - **Served** on the Convocation Publication Committee (2018), IIT Kharagpur.



- **Served** on the Convocation Publication Committee (2019), IIT Kharagpur.

A handwritten signature in blue ink on a light gray background. The signature is stylized, starting with a large, circular loop on the left, followed by a vertical stroke, and then a series of horizontal and slightly curved strokes extending to the right.