CURRICULUM VITAE

Dr. HASIM ALI KHAN
C/O :-Md. Abu Horera Khan
Idgamahalla, Bankura
P.O. & Dist:-Bankura,722101,West Bengal, India
CONTACT No: +91- 9832852446; +91-7003156183
✉ **E-MAIL**: hasimali_khan@yahoo.com; hak.16ce1104@phd.nitdgp.ac.in

PERSONAL INFORMATION:

Date of Birth	: 21/07/1989
Father's name	: Mr. Md. Abu Horera Khan
Mother's name	: Ms. Nasima Banu Begum
Sex	: Male, Single
Nationality	: Indian
Aadhar No	594136970420
Passport No	: L7383635
Pan Card No	: BLXPK9556J
Languages Known	: English, Bengali, and Hindi.
Hobbies	: Playing Cricket, Travelling & listening to music

CAREER GOALS:
To pursue a challenging career in an environment that permits innovation, development, learning and creativity to utilize my talents, and to attain professional and personal development**.**

EDUCATIONAL QUALIFICATIONS

EXAMINATION	INSTITUTION	BOARD/UNIVERSITY	YEAR OF PASSING	% OF MARKS
(10^{th}) Secondary Examination	Bankura Zilla School	West Bengal Board of Secondary Education (W.B.B.S.E)	2007	85.63
($10+2^{th}$) Higher Secondary Examination	Bankura Kenduadihi High School	West Bengal Council of Higher Secondary Education (W.B.C.H.S.E)	2009	78.80
B. Tech in **Civil Engineering**	Haldia Institute of Technology	Maulana Abul Kalam Azad University of Technology (Formerly known West Bengal University of Technology) (**NIRF: - Rank-band: 101-150**)	2013	70.70
M.Tech in **Structural Engineering**	National Institute of Technology, Durgapur (**NIRF: - 44**)	National Institute of Technology, Durgapur (**NIRF: - 44**)	2016	76.40
PhD in Civil Engineering (**Structural Engineering**)	National Institute of Technology, Durgapur (**NIRF: - 44**)	National Institute of Technology, Durgapur (**NIRF: - 44**)	**2021 (06/05/2021)**	**Awarded**

SUBJECTS OF INTEREST:

Structural Analysis, Earthquake Engineering, Structural Dynamics, Design of RCC Structure, Concrete Technology, Building Materials, Masonry Structures

SOFTWARE EXPOSURE:

1. MS-office 2. Auto Cad 3. Catia 4. Stadd Pro 5. Origin Pro 6. ANSYS

INDUSTRIAL TRAINING:

One-month Industrial training on "**EAST-WEST KOLKATA METRO PROJECT UG-2**" under "**ITD-ITD CEM JV**" at Kolkata.

PROJECT:

B-TECH : - G+3 RESIDENTIAL BUILDING
M-TECH :- EXPERIMENTAL SEISMIC PERFORMANCE EVALUATION OF UNREINFORCED BRICK MASONRY PANELS STRENGTHENED WITH GLASS FIBRE REINFORCED POLYMER

TITLE OF THE PhD THESIS:

STRENGTHENING OF BRICK MASONRY WALL WITH GEOSYNTHETIC

PUBLICATION:

JOURNAL : - **17** (**2 SCI Indexed**, **14 Scopus Indexed, 1 WOS Indexed)**
CONFERENCE : - **7** (**International Conference)**
BOOK CHAPTER : - **2 (2 Scopus Indexed)**

PROJECT:

1. Mechanical and Micro-Characterisation of Ambient Cured Geopolymer Concrete by Utilizating Industrial Bi-Product**. File Number: SRG/2022/002175**, dated on **30/04/2024 (Stage 1- Peer Review Proposal sent for refereeing; SERB** under **Start up Research Grant (SRG) scheme)** (**Under Review**)
2. Seismic response of Un reinforced Masonry building strengthened with the sustainable materials Geosynthetic and PP bands under shake table excitation. **File Number: PDF/2022/003738,** dated on **04/06/2024**. (**Accepted for Evaluation; NPDF Scheme**) (**Under Review**)

GRANT: -

1. **AICTE Sponsored 2 lakh grant for 6-Day Online Faculty Development Program (AICTE-ATAL Scheme)** entitled "**Climate change and its impact on Disaster Frequency**" dated on 6th to 11th January 2025, Department of Civil Engineering, School of Engineering and Technology, Adamas University, Kolkata, India. **(Selected)**

PATENT:

1. Koley. S., Kumar. A., Basu. S., **Khan. H.A.**, Mandal. B., Banerjee. R., Shirodkar. V., Bahukhandi. K. D., Balagopal. V., A Self-Healing Concrete Composition Based on Advanced Nanomaterials. **The Patent Office Journal No. 30/2024 Dated 26/07/2024.**
2. A Shape Memory Alloy Reinforcement for Strengthening of Concrete Structures. **File Number: IPI/202321024869,** dated on 31/03/2024, Intellectual Property India, Indian Patent Office. (**Under Review**)
3. A Composition of Concrete Comprises Recron 3s Fibre and Rice Husk Ash. **File Number: IPI/202321024857,** dated on 15/04/2024, Intellectual Property India, Indian Patent Office. (**Under Review**)

COPYRIGHT:

1. Dynamic Behaviour of Masonry Structures with and without strengthening. Diary No: - **IITC/20154565,** dated on 25/06/2024, Department of Promotion of Industry and Internal Trade,

Copyright Office. (**Under Review**)

SUPERVISION

B. Tech :

Ongoing : - 8

Completed : - 20

M. Tech:

Completed : - 2

Phd:

Ongoing : - 3

Completed :- 0

PROFILE:

Google Scholar Profile : https://scholar.google.com/citations?user=OCMeWEAAAAAJ&hl=en
(**311 Citations, h-indexed: - 11, i10 indexed: - 12**)

Scopus Profile : https://www.scopus.com/authid/detail.uri?authorId=57195435436
(170 Citations, h-indexed: - 7)

ORCID Profile : https://orcid.org/0000-0003-1375-2394

Researchgate Profile : https://www.researchgate.net/profile/Hasim_Khan

Web of Science Id : https://publons.com/researcher/3448956/hasim-ali-khan/

LinkedIn Profile : https://www.linkedin.com/in/hasim-ali-khan-5665661a2/

EXPERIENCE			Total Experience	Total Experience	Total Experience
Name of the organization	Designation	Experience			
Adamas University, Barasat, Kolkata	Assistant Professor & **Head of the Department** (Web Page: - https://research.adamasuniversity.ac.in/researcher_profile/dr-hasim-ali-khan/)	Teaching	06/11/2023 to till	**11 Months (Post PhD)**	**9 Years 5 Months out of which 3 Years 4 Months Post PhD**
G H Raisoni College of Engineering, Nagpur (**NIRF: - Rank-band: 151-200**)	Assistant Professor (Web Page: - https://ghrce.raisoni.net/civil-engineering)	Teaching	13/05/2021 to 04/11/2023	**2 Years 5 Month (Post PhD)**	
National Institute of Technology, Durgapur (**NIRF: - 44**)	PhD Institute Research Scholar (**Full Time**)	Research	27/07/2016 to 06/05/2021	4 Years 9 months	
Bishnupur Public Institute of Engineering, Bishnupur	Lecturer	Teaching	04/06/2013 to 09/08/2014	1 Year 2 Months	

AWARD/FELLOWSHIP:

1. Ministry of Human Resource Development (**MHRD**), Government of India for PhD Assistantship
2. **Best Paper Award** (International Conference on Research Trends in Engineering, Applied Sciences and Management, Punjab University, Chandigarh)
3. **Best Paper Award** (International Conference on Science, Technology and Sustainability, Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon, India)
4. **Best Researcher Award** for "**International Research Awards on Science, Health and Engineering**" on 06/04/2023
5. **Best Paper Award** (International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024)) on 09/02/2023

EXTRA-CURRICULAR ACTIVITIES:

Painting, Social service, Cricket, Football

NAMES OF PROFESSIONAL SOCIETIES:

(1) American Society of Civil Engineers (SM000012202144)
(2) The Masonry Society (LM 13546)
(3) Indian Society of Earthquake Technology (LM1753)
(4) American Concrete Institute (SM2076657)

REVIEWER OF THE JOURNAL:

[1] Bulletin of Earthquake Engineering (Q1, SCIE Indexed, Springer Publication, I.F: - 4.6)
[2] Advances in Structural Engineering (Q1, SCI Indexed, Sage Publication, I.F: - 2.6)
[3] Environmental Geotechnics, (Q2, SCIE Indexed, ICE Publication, I.F: -2.2)
[4] Journal of Fiber Science and Technology (Q4, SCIE Indexed, I.F: - 0.374)
[5] Materials Today: Proceedings (Scopus Indexed, Q2, Elsevier)
[6] Results in Engineering (Scopus Indexed, Q2, Elsevier)
[7] Journal of Structural Design and Construction Practice (Scopus Indexed, Q2, American Society of Civil Engineers (ASCE))

REVIEWER OF THE CONFERENCE:

[1] "Virtual Conference on Disaster Risk Reduction" (15/03/2021-20/03/2021) at National Institute of Technology Karnataka, Surathkal. (NIRF: - 10)
[2] "International Conference on Sustainable Materials and Practices for Built Environment (SMPBE-2021)" (25/11/2021-26/11/2021) at Manipal University, Jaipur (NIRF: - 84) **https://smpbe.co.in/new_UI/commitee.html**
[3] "International Conference on Materials Engineering and Manufacturing Systems (ICMEMS'2022)" at (28/01/2022 – 30/01/2022) Mattest Research Academy, Chennai. **https://www.icmems.net/comitee**
[4] "International Conference on Recent Advancement in Infrastructural Development, Water Management and Climate Change" (IC-RAIWC-22)" at (08/06/2022-09/06/2022) G H Raisoni College of Engineering
[5] "International Conference on Smart and Sustainable Technologies for Disaster Resilient Infrastructure (SSTDRI-22)" at (16/09/2022 – 17/09/2022) Shri Ramdeobaba College of Engineering and Management, Nagpur, Maharashtra, India. http://sstdri.rknec.edu/#
[6] "International Conference on Recent Trends in Infrastructural Development and Sustainable Environment (ICSTS-2022)" at (05/11/2022 – 06/11/2022) Maulana Mukhtar Ahamad Nadvi Tehcnical Campus, Nasik, Maharashtra, India https://icsts.world/?page_id=33583
[7] "International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024)" at 9th to 10th February,2024. G H Raisoni College of Engineering, Nagpur (India). https://ghrce.raisoni.net/ic-rtidse-2023/index.php

COORDINATOR OF THE CONFERENCE/FDP/STTP:-

[1]. "International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024)" at 9th to 10th February,2024. G H Raisoni College of Engineering, Nagpur (India). **https://ghrce.raisoni.net/ic-rtidse-2023/index.php**
[2]. AICTE Sponsored 2 lakh grant for 6-Day Online Faculty Development Program (AICTE-ATAL Scheme) entitled "Climate change and its impact on Disaster Frequency" dated on 6th to 11th January 2025, Department of Civil Engineering, School of Engineering and Technology, Adamas University, Kolkata, India. (Selected)

SESSION CHAIR OF THE CONFERENCE:

[1] "International Conference on Sustainable Materials and Practices for Built Environment (SMPBE-2021)" at (25/11/2021-26/11/2021) Manipal University, Jaipur (NIRF: - 84)
[2] "International Conference on Materials Engineering and Manufacturing Systems (ICMEMS'2022)" at (28/01/2022 – 30/01/2022) Mattest Research Academy, Chennai.
[3] "International Conference on Recent Advancement in Infrastructural Development, Water Management and Climate Change" (IC-RAIWC-22)" at (08/06/2022-09/06/2022) G H Raisoni College of Engineering.

[4] "International Conference on Smart and Sustainable Technologies for Disaster Resilient Infrastructure (SSTDRI-22)" at (16/09/2022 – 17/09/2022) Shri Ramdeobaba College of Engineering and Management, Nagpur, Maharashtra, India. http://sstdri.rknec.edu/#
[5] "International Conference on Recent Trends in Infrastructural Development and Sustainable Environment (ICSTS-2022)" at (05/11/2022 – 06/11/2022) Maulana Mukhtar Ahamad Nadvi TehcnicalCampus, Nasik, Maharashtra, India https://icsts.world/?page_id=33583
[6] "International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024)" at 9th to 10th February,2024. G H Raisoni College of Engineering, Nagpur (India). https://ghrce.raisoni.net/ic-rtidse-2023/index.php

EDITORIAL BOARD MEMBER OF THE CONFERENCE:

[1] "International Conference on Recent Advancement in Infrastructural Development, Water Management and Climate Change" (IC-RAIWC-22)" at (08/06/2022-09/06/2022) G H Raisoni College of Engineering, Nagpur, India (NIRF: - 130) https://ghrce.raisoni.net/icraiwc/index.php#important-date
[2] "International Conference on Smart and Sustainable Technologies for Disaster Resilient Infrastructure (SSTDRI-22)" at (16/09/2022 – 17/09/2022) Shri Ramdeobaba College of Engineering and Management, Nagpur, Maharashtra, India. http://sstdri.rknec.edu/#
[3] "International Conference on Recent Trends in Infrastructural Development and Sustainable Environment (ICSTS-2022)" at (05/11/2022 – 06/11/2022) Maulana Mukhtar Ahamad Nadvi Tehcnical Campus, Nasik, Maharashtra, India https://icsts.world/?page_id=33583
[4] "International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024)" at 9th to 10th February,2024. G H Raisoni College of Engineering, Nagpur (India). https://ghrce.raisoni.net/ic-rtidse-2023/index.php

NAMES OF SHORT-TERM COURSES:

[1] Short Term Training Course on "Computer Literacy" (2004-2005) at Bankura Zilla School.
[2] Short Term Training Course on "AUTO CAD" (26/07/2011-07/09/2011) at Central Institute of Plastics Engineering & Technology, Haldia.
[3] TEQIP-II sponsored Short Term Training Course on "Methodology & Ethics in Research" (19/09/2016-23/09/2016) at National Institute of Technology, Durgapur.
[4] TEQIP-II sponsored "National Workshop on Recent Advances in Civil Engineering" (24/10/2016-28/10/2016) at Bankura Unnayani Institute of Engineering, Bankura.
[5] "Author Workshop and Science Direct Training-Elsevier" (17/01/2017) at National Institute of Technology, Durgapur.
[6] "Design and Analysis of Industrial Experiments" (13/02/2017-15/02/2017) at National Institute of Technology, Durgapur.
[7] TEQIP-II sponsored "Introduction to ANSYS FLUENT" (24/02/2017-02/03/2017) at National Institute of Technology, Durgapur.
[8] Short Term Event "SPARDHA 2017" (05/03/2017) at National Institute of Technology, Durgapur.
[9] "Author Workshop -Wiley" (17/01/2017) at National Institute of Technology, Durgapur.
[10] International Workshop on "Health Monitoring & Rehabilitation of Structures" (07/12/2018) at Jadavpur University, Kolkata.

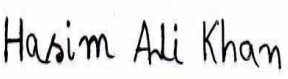
SUPERVISOR(S)/REFEREES:

Name	Designation	Department	E-mail address	Contact No
Dr. Radhikesh Prasad Nanda (**Supervisor & Referee**)	Associate Professor	Civil Engineering, National Institute of Technology, Durgapur (**NIRF: - 44**)	nandaradhikeshprasad.nitdgp@gmail.com	0343-2544176
Dr. Diptesh Das (**Co-Supervisor & Referee**)	Associate Professor	Civil Engineering, National Institute of Technology, Durgapur (**NIRF: - 44**)	dasdiptesh.nitdgp@gmail.com	0343-2754177

Dr. Sanket Nayak (**Referee**)	Associate Professor	Civil Engineering, Indian Institute of Technology (ISM), Dhanbad (**NIRF: - 15**)	sanket@iitism.ac.in	0326-2235143
Dr. Susanta Banerjee (**Referee**)	Assistant Professor	Civil Engineering, National Institute of Technology, Calicut (**NIRF: - 25**)	susanta@nitc.ac.in	0495-2465586

DECLARATION:

I do hereby declare that all the information given by me are correct and if there are any discrepancies are found; I may be disqualified from the selection process of the company.



Date : 05/11/2024

Place : Bankura, West Bengal HASIM ALI KHAN

PUBLICATION

JOURNAL

[1] Khan, H.A., Nanda, R.P. (2020). "Out-of-plane bending of masonry wallette strengthened with geosynthetic", *Construction and Building Materials, Elsevier Vol. 231, 117198.* DOI: https://doi.org/10.1016/j.conbuildmat.2019.117198 **SCIE INDEXED (Q1), I.F.- 7.4**

[2] Khan, H.A., Nanda, R.P., Das, D. (2017). "In-plane strength of masonry panel strengthened with geosynthetic", *Construction and Building Materials, Elsevier Vol. 156, pp. 351– 361.* DOI: https://doi.org/10.1016/j.conbuildmat.2017.08.169 **SCIE INDEXED (Q1), I.F.- 7.4**

[3] Khode, B.V., Wadhai, P.J., Ghodmare, S.D., **Khan, H.A.** (2023). "Feasibility Study on Impact of Replacement of Natural Sand with Crushed Aggregate in Concrete Mix", *Materials Today: Proceedings, Elsevier,* DOI: https://doi.org/10.1016/j.matpr.2023.08.273**SCOPUS INDEXED (Q2)**

[4] Mirzaey E., Shaikh Md. R., Rasheed M., Ughade A., **Khan H.A.**, Shaw S. K., (2023) Shape memory alloy reinforcement for strengthening of RCC structures—A critical review, Materials Today: Proceedings, *Elsevier, Article in press* DOI: https://doi.org/10.1016/j.matpr.2023.02.289 **SCOPUS INDEXED (Q2)**

[5] Bakde S., Suryawanshi P., Murkute S., Bharti R., Shaw S. K., **Khan H.A.**, (2023) Impacts of fibre and wastage material on the sustainable concrete: A comprehensive review, Materials Today: Proceedings, *Elsevier, Article in press* DOI: https://doi.org/10.1016/j.matpr.2023.02.447 **SCOPUS INDEXED (Q2)**

[6] Chole A., Tembhurne A., Bawanthade A., Bhadade H., **Khan H.A.**, Shaw S. K., (2023) Strengthening of reinforced concrete beams by using FRPs-An overview, Materials Today: Proceedings, *Elsevier, Article in press* DOI: https://doi.org/10.1016/j.matpr.2023.05.149 **SCOPUS INDEXED (Q2)**

[7] Shende P., Barai V., Jaiswal Y., Lohakar A., Shaw S. K., **Khan H.A.**, (2023) The study of newly established approaches to control soil liquefaction: An overview, Materials Today: Proceedings, *Elsevier, Article in press* DOI: https://doi.org/10.1016/j.matpr.2023.05.510 **SCOPUS INDEXED (Q2)**

[8] Raza F., Pathan D., Dangre M., Deshmukh N., **Khan H.A.**, Shaw S. K., (2023) A state-of-the-art review on the mechanical behaviours of GGBFS concrete for sustainable development, Materials Today: Proceedings, *Elsevier, Article in press* DOI: https://doi.org/10.1016/j.matpr.2023.05.530 **SCOPUS INDEXED (Q2)**

[9] Sanjay, S.S., Pal, A., Chakraborty, S.K., **Khan, H.A.,** (2022). "Reduction of shrinkage of self compacting concrete using polycarboxylate ether as shrinkage reducing admixture", *Materials Today: Proceedings, Volume 60, Part 1, 2022, Pages 448-451,* DOI: https://doi.org/10.1016/j.matpr.2022.01.316 **SCOPUS INDEXED (Q2)**

[10] Solanke, S.S., Pawade, P.Y., **Khan, H.A.,** (2022). "An experimental study on tensile as well as flexural strength of concrete by using sugarcane baggase ash & steel fiber", *Materials Today: Proceedings, Volume 60, Part 1, 2022, Pages 627-637,* DOI: https://doi.org/10.1016/j.matpr.2022.02.129 **SCOPUS INDEXED (Q2)**

[11] Behera, B., **Khan, H.A.,** Nanda, R.P. (2021). "Geosynthetic as a strengthening material for brick masonry wall", *Materials Today: Proceedings, Elsevier Vol. 38 (5), pp. 2612-2616.* DOI: https://doi.org/10.1016/j.matpr.2020.08.199 **SCOPUS INDEXED (Q2)**

[12] Nanda, R.P., Dutta, S., **Khan, H.A.,** Majumder, S. (2018). "Seismic protection of buildings by rubber-soil mixture as foundation isolation", *International Journal of Geotechnical Earthquake Engineering, Igi Global Vol. 9, Issue 1, pp. 99-109.* DOI: 10.4018/IJGEE.2018010106 **SCOPUS INDEXED (Q4)**

[13] Nanda, R.P., Dutta, S., Das, A., **Khan, H.A.** (2018). "Geosynthetic Liner as Foundation Isolation for Seismic Protection", *International Journal of Geosynthetics and Ground Engineering, Springer Vol. 3, Issue 21, pp. 1-7.* DOI: https://doi.org/10.1007/s40891-017-0098-2 **SCOPUS INDEXED (Q1)**

[14] Nanda, R.P., **Khan, H.A.,** (2017). "Seismic Retrofitting of Unreinforced Brick Masonry Panels with Glass Fibre Reinforced Polymers". *International Journal of Geotechnical Earthquake*

Engineering, Igi Global Vol. 8, Issue 1, pp. 28-37. DOI: 10.4018/IJGEE.2017010102 **SCOPUS INDEXED (Q4)**

[14] **Khan, H.A.,** Behera, B., Nanda, R.P. (2021). "Geosynthetic as Sustainable Materials for Earthquake resistant of Masonry Structures", *IOP Conference Series: Materials Science and Engineering, IOP Publishing Ltd.* Vol. 970, Issue 1, pp. 012008. DOI: https://iopscience.iop.org/article/10.1088/1757-899X/970/1/012008/meta

[15] **Khan, H.A.,** Behera, B., Nanda, R.P. (2020). "Retrofitting of Heritage Masonry Buildings with Splint Bandage Technique using Geosynthetic", *ISET Journal of Earthquake Technology, Indian Society of Earthquake Technology, Vol. 57, Issue 1, pp. 17-26.* https://iset.org.in/public/publications/30527_Paper%20No.%20551.pdf

[16] Khan, H.A., Nanda, R.P., Das, D. (2023). "Bi-directional effect of geosynthetic strengthening brick masonry wallette", *Journal of Materials in Civil Engineering*, *ASCE,* **(Under Review) SCI INDEXED (Q1), I.F.- 3.651**

[17] Khan, H.A., Nanda, R.P., Das, D. (2023). "Study the Methods and Strategies of Strengthening on Un-Reinforced Masonry Structures: An Overview", *Journal of Building Engineering, Elsevier,* **(Under Review) SCIE INDEXED (Q1), I.F.- 6.4**

CONFERENCE

[1] **Khan, H.A.,** Nanda, R.P., Das, D. (2019). "Numerical Analysis of Capacity Interaction of Brick Masonry Wallettes Strengthened with Geosynthetic", *Proc. of 13th North American Masonry Conference, Brigham Young University, Salt Lake City, Utah, pp. 1554-1564, Paper No-178.* The Masonry Society Journal. **ESCI INDEXED**

[2] **Khan, H.A.,** Nanda, R.P., Das, D. (2018). "Numerical Analysis of Geosynthetic Strengthened Brick Masonry Wallettes Subject to In-Plane and Out-of-Plane Loading", *Proc. of the 16th Symposium on Earthquake Engineering, Indian Institute of Technology Roorkee pp.252-257*

[3] **Khan, H.A.,** Nanda, R.P., Das, D. (2018). "Review of Retrofitting Technique of Un-Reinforced Masonry Structure" Proc. of the Second Intl. Conf. on Advances in Concrete, Structural, and Geotechnical Engineering- ACSGE, *Birla Institute of Technology and Science, Pilani, Jaipur, pp. 252-257.*

[4] Nanda, R.P., Behera, B., Majumder S., **Khan, H.A.,** (2018). "RC Beam Strengthening by Glass Fibre Reinforced Polymer", International Journal of Engineering Technology Science and Research, *Vol. 5, Issue. 3, pp. 21-26, Proc. of the International Conference on Research Trends in Engineering, Applied Sciences and Management, Punjab University, Chandigarh.*

[5] Majumder S., **Khan, H.A.,** Nanda, R.P., (2017). "Pushover analysis of Multi-storied RC Buildings with and without Openings in Infill Walls", Journal of Civil Engineering and Environmental Technology, *Vol. 4, Issue. 1, pp. 68-72, Proc. of the International Conference on Innovative Research in "Civil Engineering, Architecture and Environmental Science for Sustainable Development", Jawaharlal Nehru University, New Delhi.*

[6] Majumder, S., **Khan, H.A.,** Nanda, R.P. (2017). "Effect of Masonry Infills and Openings on Earthquake Performance of RC Buildings", *Proc. of 13th International Conference on Vibration Problems, Indian Institute of Technology Guwahati,*

[7] **Khan, H.A.,** Roy, P. Nanda, R.P., (2016). "Retrofitting of Brick Masonry Panels with Glass Fibre Reinforced Polymers", *IOSR Journal of Mechanical and Civil Engineering, Vol. 1, pp. 11-18, Proc. of the International Conference on Recent Innovations in Civil & Mechanical Engineering, CMR Technical Campus, Hyderabad.*

BOOK CHAPTER

[1] Khan, H.A., Nanda, R.P., Das, D. (2020). "Numerical Analysis of Geosynthetic Strengthened Brick Masonry Panels", *Proc. of 13th International Conference on Vibration Problems, Indian Institute of Technology Guwahati, Advances in Structural Vibration, Lecture Notes in Mechanical Engineering, Springer, pp. 35-41.* DOI: https://doi.org/10.1007/978-981-15-5862-7_4 **SCOPUS INDEXED (Q4) (BOOK CHAPTER)**

[2] Khan H.A. (2022). "Numerical Study of GFRP Strengthened Brick Masonry Wallette". Virtual conference on disaster risk reduction, National Institute of Technology Karnataka, Surathkal - 575025, Resilient Infrastructure. Lecture Notes in Civil Engineering, Vol 202. Springer, Singapore, pp. 319-325. DOI: https://doi.org/10.1007/978-981-16-6978-1_25 **SCOPUS INDEXED (Q4) (BOOK CHAPTER)**