

# CT Institute of Higher Studies, Shahpur, Jalandhar

## Abstracts/Papers in National and International Conference

### Name of Faculty: Mr. Amit Virdi

1. "Comparative Study of Security Based on Deployment Model in Cloud Computing" Paper Presented in One Day National Conference on "Multi-Disciplinary Approaches of Ethics in Digital Era" Held on May 2023 at CT Institute of Higher Studies, Shahpur, Jalandhar
2. "Digital Solutions for Human Wellbeing" Paper Presented in One day International Conference on "Current Trends in Holistic Strength & Psycho-Somatic Development & Wellbeing" Held on 23 September 2023 at CT Institute of Higher Studies, Shahpur, Jalandhar
3. "Study of Deployment Models in Cloud Computing" Paper Presented in International Multi-Track Conference on Science, Engineering and Technical Innovation-2024 Organized by CT Institute of Engineering, Management and Technology, Shahpur, Jalandhar
4. Paper Published in Trinitarian Journal, By Trinity College
5. "The Role of Artificial Intelligence in Modern Teaching: Transformation, Benefits and Challenges" paper presented in international conference.

### Name of Faculty: Dr. Kalpana Thakur

1. Research Paper- A rare cause of Refractory lactic acidosis (Volume 14,ISSN NO. 555X, DOI:10-36106/IJAR)
2. Book Chapter- Medical Tourism Opportunities and challenges in global healthcare travel (Chapter -2)
3. **Copyright Publication-** Assessment Performa to measure foot pressure distribution" (L-116083/2022)

### Name of Faculty: Dr. Shashi Prakash Sharma

1. Effect of Muscle Energy Technique, Mackenzie and Scapular stability exercises in Alleviating neck pain and disability among population working from home. An experimental study. (UGC Care)
2. (Guleria M, Sharma SP, Kumar A.) Analytical parameters to check association between load carriage system and bag packs-influenced musculoskeletal complications among school going students: a scoping review. Phys Act Nutr. 2023 Sep;27(3):20-26. (Pubmed, SCOPUS, WOS)
3. (Patil PS, Kumar A, Sharma SP, Guleria M) Letter to Editor "Investigation of the effects of upper extremity home exercises on grip strength, range of motion, activity performance, and functionality in individuals with systemic sclerosis: a randomized controlled trial" (Pubmed, SciELO)
4. (Pooja Sunil Patil, Amit Kumar, Shashi Prakash Sharma) Can Neurobic Exercise be used as an Efficacious Approach to Improve Reaction Time among Runner? A Case Report. (Web of Science)
5. (Pooja Sunil Patil, Amit Kumar, Shashi Prakash Sharma) Can Neurobic Exercise be used as an Efficacious Approach to Improve Reaction Time among Runner? A Case Report. (Web of Science)

**Copyright Publication-** 1. "Tool to check the backpack severity among the collegiate students (BSQ)" with Diary No. 16571/2023-CO/L filed on 23/06/2023 and registered, Registration of Copyright (ROC) Number; L-133098/2023 on 14/09/2023.

### Name of Faculty: Dr. Vikrant Rehani

Paper Presented in Conferences:

1. Quest for the happy existence and co existence (IMTC-2014)
2. Democracy in a class room teaching: Ranciere's perspective and its practicality in communication process. (IMTC-2014)
3. Treatment of existentialism in Kamala Markandaya's Works (IMTC-2014)
4. Articulating the unarticulated: The subaltern voice in the prominent Indian Women Writers (IMTC-2014)
5. Politics of Paralanguage (IMTC-2015)
6. Family: Grooming point for better existence (IMTC 2015)

7. Beyond Violence: Tragedy of Women through Forcible Communion, (presented paper) in International Multi Track conference held in International Conference ICSETI, 2016, organized by CT Institute of Technology, Jalandhar; Published in the conference proceedings with ISBN 978-81-929077-5-8

Papers Published in National & International Journals: -

1. Ms. Vikrant Rehani & Dr. Jagmeet Bawa, International Journal of Research Secularism, –A Phoenix which never rose from its Ashes, Volume 03, Issue 08, April 2016, ISSN: 2348-6848 16
2. Ms. Vikrant Rehani & Dr. Jagmeet Bawa, Global Journal for Research- From the Rule of Philosophy to Co-Existence: A Comparative study of Jacques Ranciere and Jeevan Vidya (Indian Philosophy) Analysis Vol -4, Issue:11 Nov.2015. ISSN No.2277-8160
3. Ms. Vikrant Rehani & Dr. Amit Sharma, published paper entitled “This world and beyond: A Critical Review of John Keats’ Poetry with Special Emphasis on his Escapist Flights”, in International Journal of Research, Vol:2, Issue:7, July 2015. Page: 7-13.
4. A CONTEMPORANEOUS INSIGHT OF SUBTERRANEAN FACTORS: WORLD PEACE AND DISORDER. Published In IJRAR (www.ijrar.org) UGC Approved (Journal No: 43602) & 5.75 Impact Factor Volume 6 Issue 2, Date of Publication: June 2019 2019-06-10 02:12:43 PAPERID: IJRAR19K8377
5. Reaching World Peace through the Route Map of Hinduism. Shodh Sanchar Bulletin, Volume 10, Issue 39, July to September 2020.
6. Exploring Peace Possibilities and Global Co-existence. Shodh Sarita, Volume 7, Issue 27, July to September 2020.

#### **Name of Faculty: Ms. Aditi Sharma**

1. “Digital Solutions for Human Wellbeing” Paper Presented in One day International Conference on “Current Trends in Holistic Strength & Psycho-Somatic Development & Wellbeing” Held on 23 September 2023 at CT Institute of Higher Studies, Shahpur, Jalandhar
2. “Study of Deployment Models in Cloud Computing” Paper Presented in International Multi-Track Conference on Science, Engineering and Technical Innovation-2024 Organized by CT Institute of Engineering, Management and Technology, Shahpur, Jalandhar
3. “The Role of Artificial Intelligence in Modern Teaching: Transformation, Benefits and Challenges” paper presented in international conference.
4. “Prompt engineering a new fave for digital marketing” paper presented in CT University, Ludhiana international conference.

#### **Name of Faculty: Ms. Neelu**

##### **RESEARCH PUBLICATIONS**

1. Green Book Keeping and reporting practices among Indian corporate 2249-8621 VOLUME 15, issue 2025
2. New & Innovative ideas in teaching ISBN : 978-93-5915-522-7(2024)
3. Indian start up – Issues , challenges and opportunities ISBN: 978-93-340-0984-2(2024)
4. Impact of Politics In Business 2017/978-1-73036-389-4
5. Implementation of GST In India: A sustainable development 2018/978-81-934822-6-9
6. Development with sustainability Is a successful development 2018/978-81-934822-6-9
7. Recent Trends In Agriculture Credit(International Conference Proceeding) 2018/978-81-929077-9-6
8. A Movement Towards Cash less economy (International Conference 2017/978-81-929077-7-2
9. Women Education & empowerment: A Great Need of World Economy 2017/978-81-929077-7-2

##### **PAPER PRESENTED/WORKSHOP ATTENDED**

1. Impact Of FDI In Education Paper Presented In National Seminar
2. Recent Trends in Agriculture Credit Paper Presented In International Conference.
3. A Movement towards Cash less economy Paper Presented In International Conference.
4. Women Education & empowerment: A Great Need of World Economy Paper Presented In International Conference.
5. Indian start up – Issues, challenges and opportunities paper presented in international conference.
6. Impact of social media on youth paper presented in international conference.

## **Faculty Development Programs and Seminars**

### **Name of Faculty: Ms. Monika**

1. Participated in the AICTE recognized Faculty Development Programme on “Presentation Skills for Effective curriculum Implementation” Conducted by Curriculum Development Centre Department from 10/06/2024 to 14/06/2024 at CT Institute of Higher Studies, Shahpur, Jalandhar
2. Participated in the 3 Days Faculty Development Programme on “Role of Teacher Education in Promoting Indian Knowledge system” Conducted by KIIT College of Education, Gurugram in Collaboration with IKS Circle- Council for Teacher Professional Development, India from 08/01/2025 to 10/01/2025

### **Name of Faculty: Mr. Amit Virdi**

1. Participated in One Week Online Faculty Development Program on “Educational Leadership & Effective Decision Making” Conducted During 10/21/2024 to 10/25/2024
2. Participated in the AICTE recognized Faculty Development Programme on “Presentation Skills for Effective curriculum Implementation” Conducted by Curriculum Development Centre Department from 10/06/2024 to 14/06/2024 at CT Institute of Higher Studies, Shahpur, Jalandhar
3. Participated in the 7 Days National Level Faculty Development Programme On “Research Methodologies” Organized by Department of Computer Science, Trinity College Jalandhar, Punjab from 11 December to 18 December 2023.
4. Participated in the AICTE Recognized Faculty Development Programme on Sci-Lab Programming Conducted by Information Management and Emerging Engineering Department from 25/04/2022 to 29/04/2022 (One Week) at CT Institute of engineering management and technology, Shahpur, Jalandhar
5. Participated in the Faculty Development Programme Organized by IT Vertical from May 22nd to May 26th, 2023
6. Attended Faculty Development Programme on “Advancement of Artificial Intelligence in Cyber Security” Organized by Ajay Kumar Garg Engineering College, Ghaziabad from June 19 to June 23, 2023

### **Name of Faculty: Dr. Vikrant Rehani**

1. One-week workshop (14-21/12/14) on Professional Values and Professional Ethics organized by IRC UHVE, IKG, PTU
2. One-week workshop (23-30/12/16) on Professional Values and Professional Ethics organized by IRC UHVE, IKG, PTU
3. 5 days Workshop on communication skills resourced by AICTE.
4. One day (20-2-17) National seminar On RELEVANCE OF ANCIENT INDIAN MORAL VALUES IN TODAY'S SCENARIO at IKG. PTU(Punjab).
5. Workshop conducted as a resource person: Conducted a ten-day workshop on Grammar for the students of B.Ed. and ETT in MK College of Education (Affiliated to GNDU, Amritsar) in May, 2016.
6. One-week workshop attended 7. June.16-12. June.16 organized by IRC UHVE, IKG, PTU on Data Analytics and Research Methodology.
7. Attended FDP on Jan20, 2010 (one day workshop) in Use of Communication Lab software and power point presentations organized by Dept. of English at LPU.
8. Attended FDP on May 24-26,2010 (three days' workshop) in Techniques & Principles in Language Teaching organized by Dept. of English at LPU.
9. Attended FDP on 24-3-15 to 28-3-15 (5 days workshop) on “New Approaches of Applied Sciences for Making Better Engineers.” By CTIEMT, Shahpur, Jalandhar.
10. Delivered workshop on basics of phonetics in M.K.College of Education.
11. Delivered workshop at PAU on body language and power of paralanguage.
12. Delivered workshop at GADVASU on Non verbal body language.

### **Name of Faculty: Ms. Aditi Sharma**

1. Participated in One Week Online Faculty Development Program on “Educational Leadership & Effective Decision Making” Conducted During 10/21/2024 to 10/25/2024

2. Participated in the AICTE recognized Faculty Development Programme on “Presentation Skills for Effective curriculum Implementation” Conducted by Curriculum Development Centre Department from 10/06/2024 to 14/06/2024 at CT Institute of Higher Studies, Shahpur, Jalandhar
3. Participated in the 7 Days National Level Faculty Development Programme On “Research Methodologies” Organized by Department of Computer Science, Trinity College Jalandhar, Punjab from 11 December to 18 December 2023.

**Name of Faculty: Ms. Neelu**

1. Workshop Attended on How to Make Students Industry ready.
2. Workshop on NPTEL awareness by NPTEL IIT Madras.
3. FDP attended on Presentation skills for effective curriculum implementation.
4. FDP attended on MSME Promotion and management by NIITR Chandigarh.
5. FDP attended on Technical institution capacity enhancement through Rural Product

**Patents Publication by Faculty of CTIHS**

**Name of Faculty: Dr. Riya**

1. Smart Yoga mat with pressure sensors for real-time posture correction and performance monitoring. Patent no. 202511022201 A, Published on 21/03/2025, India
2. Smart ankle exerciser for rehabilitation and fitness. India Patent no. 202511022200 A, Published on 21/03/2025
3. Smart bed for coma patients. Patent no. 202511011751 A, Published on 28/02/2025, India

**Name of Faculty: Dr. Shashi Prakash Sharma**

1. Barothewmeter Patent no.20231108119 Published on 29/12/2023, India.
2. Smart Anti-Bedsores bed with pressure sensing and automated repositioning system. Patent no. 202511011753 A Published on 12/02/2025, India.
3. Smart heel exerciser for rehabilitation and strengthening. Patent no. 202511025872 A Published on 04/04/2025, India.

**Name of Faculty: Dr. Vikrant Rehani**

1. Device for language translation, Design No.:380830-001. / Date : 06/03/2023  
Design Accepted and Published, Journal No is 20/2023 and Journal Date is 19/05/2023  
(<https://search.ipindia.gov.in/DynamicUtility/Journal/Patent>)
2. Second patent in UK, the details are awaited.

**Books Publication by Faculty of CTIHS**

**Name of Faculty: Dr. Vikrant Rehani**

1. Ms. Vikrant Rehani & Dr. Amit Sharma, published a book entitled “Philosophical Insights: A Reservoir of Knowledge” as Chief Editor, Sara Book Publication: 2016, Ahmedabad: ISBN-978-1-63040-950-0.
2. Research Nucleus January 2017. Dr. Amit Sharma (Author), Vikrant Rehani (Author) ISBN-978-1-73031-112-3
3. Ms. Vikrant Rehani & Dr. Amit Sharma, Frontiers of knowledge as an Editor with ISBN-9781730363894
4. Ms. Vikrant Rehani & Dr. Amit Sharma, Intrigues and Intricacies of Research methodologies. ISBN: 9788197173110
5. Ms. Vikrant Rehani & Dr. Amit Sharma, Lips and Tales (A Book on poetry & Short Stories)- Under Publication Process (Partridge Publications, London)