Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

Report on

Workshop on Applications of the Roveren Tool in Academic and Research Settings'23
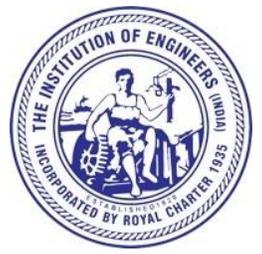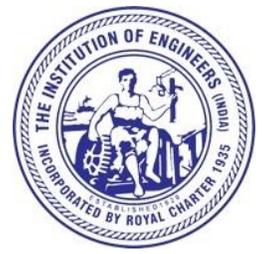
Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

Table of Content

- **Detail**
- **Objective**
- **Execution**
- **Learning Outcome**
- **Photos**
- **List of Attendees**

Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

Details:

Date	23rdDecember 2023
Time	9.15 AM- 11.40 AM
Faculty Coordinators	1. Dr. Arjav Bavarva Head ICT 2. Dr. Tapan Nahar, Asst. Professor and Student Research Coordinator, ICT 3. Prof. Vijay Dubey, Asst. Professor, ICT
Expert	Daniel M. Vice-President, Research, Development, & Engineering Science, Rovren, New York, United States
Total No. of Students	86

Objective:

The workshop aims to explore the practical applications of the Roveren tool in enhancing academic research and streamlining data analysis processes. Participants will gain hands-on experience with Roveren to improve efficiency in research workflows and academic studies.

Agenda:

Time Slot	Activity
9.15 AM	Reporting at MUIIR, Centre
9.30-9.35 AM	Welcome Speech by Prof. Vijay Dubey
9.35-9.40 AM	Introduction of Workshop by Dr. Tapan Nahar
9.35-11.30 AM	Expert Session by Daniel M. Vice-President, Research, Development, & Engineering Science, Rovren, New York, United States
11.30-11.40 AM	Vote of Thanks by Prof. C.D. Parmar

Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

Workshop on
Applications of the Roveren Tool in Academic and Research Settings'23

Date: 23rd December 2023
Time: 9.30 AM onwards
Venue: MUIIR Centre

Daniel M.
Vice-President, Research, Development,
& Engineering Science
Rovren, New York, United States

Organized by
Department of Information and Communication Technology
Marwadi University, Rajkot

Execution:

The *Workshop on Applications of the Roveren Tool in Academic and Research Settings '23* commenced with an eager group of participants arriving at the MUIIR Centre at 9:15 AM. The venue buzzed with energy as attendees from various academic disciplines gathered in anticipation of the exciting day ahead.

The event formally began with a warm and welcoming speech by *Prof. Vijay Dubey*. His address set an uplifting tone for the workshop, emphasizing the importance of innovative tools in advancing research and education. Prof. Dubey highlighted how such tools are transforming academic environments by providing new opportunities for learning and discovery. His inspiring words resonated with the diverse audience, reinforcing the event's significance as an opportunity for professional growth.

Following Prof.Dubey's opening remarks, *Dr. Tapan Nahar* took the stage to provide a comprehensive introduction to the workshop. He outlined the day's agenda, explaining the key sessions and their relevance to academic and research settings. Dr. Nahar also highlighted the significance of Roveren as an indispensable tool for both novice learners and seasoned educators, ensuring participants understood the value the workshop would offer in enhancing their knowledge and skills.

A key highlight of the morning session was the expert talk on the *Applications of the Roveren Tool in Academic and Research Settings*, presented by *Daniel M.*, Vice-President of Research, Development, & Engineering Science at Rovren, New York. Daniel's session was both enlightening and engaging, offering deep insights into how Roverencan be applied across various fields of study. His clear and

Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

informative presentation showcased the capabilities of Roveren as an educational resource for simplifying the complex world of image processing.

Daniel discussed how Roveren leverages OpenCV libraries to streamline image processing learning and teaching. The tool's design makes it accessible for users at all levels, from beginners to experienced educators, allowing them to dive into the intricacies of image processing confidently. Through its intuitive platform, Roveren offers hands-on tools and practical applications that make learning both enjoyable and effective. Daniel walked the participants through various features of the tool, including its comprehensive documentation and expert tips, which provide critical support for users as they work on their projects.

He also demonstrated several real-world applications where Roverencould be used to address challenges in academic and research settings. From data analysis to machine learning integration, the tool's versatility was evident in every example. Daniel emphasized that Roveren's robust, easy-to-use framework empowers researchers and educators to enhance the quality of their work, enabling them to achieve more sophisticated results with less effort.
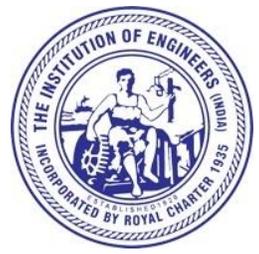
The session captivated the audience, sparking numerous questions from participants eager to explore how they could integrate Roveren into their own academic environments. The discussion revealed how this tool could help educators teach complex topics with greater ease and how researchers could use it to streamline their work, saving time and effort while achieving more precise results.

By the end of the session, attendees had a much clearer understanding of Roveren's capabilities, and many expressed excitement about applying the tool in their own teaching and research. Daniel's expert insights had effectively demonstrated how Roveren serves as a bridge between theory and practice, offering a seamless learning experience for users at all levels.

With the morning's expert session concluded, participants were left with a deep sense of enthusiasm and curiosity, eager to continue exploring the applications of Roveren in their academic and research endeavors throughout the rest of the workshop. The event had clearly laid the foundation for a rewarding and immersive experience in the world of image processing.

The session concluded with a heartfelt *Vote of Thanks* delivered by *Prof. C.D. Parmar*, Head of the ICT Department. In his address, Prof.Parmar expressed sincere gratitude to all the distinguished speakers, particularly *Daniel M.*, for his insightful and informative presentation on the *Applications of the Roveren Tool in Academic and Research Settings*. He acknowledged the efforts of *Prof. Vijay Dubey* and *Dr. Tapan Nahar* for their leadership and thoughtful organization of the workshop, which had successfully brought together professionals from diverse academic and research backgrounds.

Prof.Parmar also extended appreciation to the participants, recognizing their active engagement and eagerness to learn throughout the day. He noted how the collaborative spirit in the room underscored the event's significance as a platform for sharing knowledge and fostering innovation.

Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

Additionally, Prof.Parmar thanked the team at the MUIIR Centre for providing the ideal setting for such a meaningful event and expressed his hope that the insights gained during the workshop would have a lasting impact on the attendees' teaching and research endeavors. He encouraged everyone to make full use of the knowledge shared and the resources offered by Roveren, emphasizing how important it is for academic and research communities to continually adapt to new tools and technologies.

In closing, Prof.Parmar expressed his hope that the workshop would mark the beginning of ongoing collaborations and further exploration of image processing technologies. With his warm words, he officially brought the session to a close, leaving participants with a sense of inspiration and renewed commitment to incorporating innovative tools like Roveren into their professional practices.
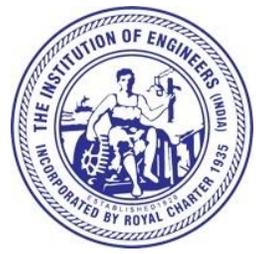
Learning Outcome:

• Participants gained a clear understanding of how the Roveren tool simplifies image processing tasks, making it accessible for both beginners and experienced educators.

• Attendees learned how to effectively apply Roveren in academic and research settings, leveraging its features for real-world image processing challenges.

• Participants had the opportunity to explore Roveren's interactive tools and comprehensive documentation, gaining practical skills for immediate use in their work.

• The workshop provided a platform for participants to engage with experts and peers, fostering collaboration and knowledge sharing among academics and researchers.

Photos:

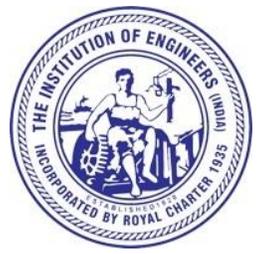**Marwadi University**
Faculty of Engineering and Technology
Department of Information and Communication Technology

Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

List of Attendees

Sr	GR NO	Enrolment No	Student Name	Gender
1	111671	92100133003	JYOT JIGNESH JOSHI	M
2	112309	92100133007	ANIKET PARESHBHAI SOLANKI	M
3	112499	92100133009	SAHIL ASHISHKUMAR PATEL	M
4	112656	92100133010	HITESH JIVARAJBHAI JETHAVA	M
5	112911	92100133011	CHANDNI KARSHAN BHADARKA	F
6	112918	92100133026	VRAJKUMAR KETANBHAI PITHWA	M
7	112974	92100133012	ARSHDEEPSINGH MAKHIJA	M
8	113286	92100133015	BHAVIN RAJESHBHAI ZALA	M
9	113367	92100133016	VIVEK SUNILBHAI PATEL	M
10	113443	92100133017	DHRUVKUMAR PRAVINCHANDRA VYAS	M
11	113448	92100133018	ABHISHEK ASHOKBHAI SHARMA	M
12	113475	92100133020	SHASHANK NEHALBHAI BAGDA	M
13	113640	92100133021	JATAN ASHISHBHAI SANGHVI	M
14	113666	92100133023	VEDANT HITESHBHAI BHARAD	M
15	113694	92100133024	HARSHIT PRADEEPBHAI KODNANI	M
16	113733	92100133028	ARJUN ASHOKBHAI ANKOLA	M
17	113821	92100133029	MEET BHARATBHAI KALATHIYA	M
18	114005	92100133031	KUSHAL SHAILESHBHAI MUNJAL	M
19	114040	92100133033	LIGHTON KAMANGA	M
20	114292	92100133036	MANSIBA JITENDRASINH GOHIL	F
21	114319	92100133037	MIHIR BHARATBHAI RUPAPARA	M
22	114330	92100133039	KEVAL SHAMBHUNATH BEHERA	M
23	114407	92100133040	PRIYANK RAJNIKANT VIRADIYA	M
24	114421	92100133041	YUPIN DIPAKBHAI BHENSDADIYA	M
25	114424	92100133042	PARTH JAYENDRABHAI TRIVEDI	M
26	114425	92100133043	HEET RAMESHBHAI CHOTHANI	M
27	114454	92100133045	JATIN ARVINDBHAI SOJITRA	M
28	114476	92100133048	RUSHIRAJSINH NARENDRASINH ZALA	M
29	114505	92100133050	YENISH RAMESHBHAI RADADIYA	M
30	114514	92100133051	DHARA LALIT KORIYA	F
31	114541	92100133052	HASTI VIPULBHAI HAJIPARA	F
32	114581	92100133053	NAMRA NIRAJKUMAR RAVANI	M
33	114596	92100133055	PRASHANT GOPALBHAI NAKUM	M
34	114601	92100133056	YASH VARA	M
35	114606	92100133057	DARSHAN MAYANI	M
36	114609	92100133058	DHARMI ARVINDBHAI JAVIYA	F

Marwadi University
Faculty of Engineering and Technology
Department of Information and Communication Technology

37	114617	92100133059	DEVAN TUSHARBHAI BHENSDADIYA	M
38	114621	92100133060	ARJUN JENTIBHAI KUKADIYA	M
39	114626	92100133061	NIDHI DIPAKBHAI DHINOJA	F
40	114639	92100133063	RUTIK KHIMJIBHAI PARMAR	M
41	114643	92100133064	KHUSHI HARESHBHAI PANDYA	F
42	114646	92100133065	DARSHAN ASHVINBHAI PADIA	M
43	114670	92100133066	ARPIT DIPAKKUMAR AGRAVAT	M
44	114673	92100133067	DHRUVI KARTIKBHAI KOTHARI	F
45	114680	92100133068	VARTIKA PRATUL VACHHANI	F
46	114696	92100133070	BHAKTI KISHANBHAI SUKHADIYA	F
47	114699	92100133071	VENISHA DINESHBHAI PARMAR	F
48	114701	92100133072	DEEP KIRITKUMAR BHALSOD	M
49	114716	92100133073	DIVYARAJ SINGH NIKHILSINGH CHUDASAMA	M
50	114722	92100133074	JEELKUMAR SANJAYBHAI BUTANI	M
51	114750	92100133075	HIREN DHIRUBHAI MATTHAR	M
52	114760	92100133077	VASU ASHVINBHAI KHANPARA	M
53	114768	92100133078	MUSTAFA JUZAR BHARMAL	M
54	114915	92100133080	SAMIR KARIMBHAI JIVANI	M
55	114927	92100133081	ARYAVARDHAN DEEPAK SHARMA	M
56	114941	92100133082	DEV PARESHBHAI MEHTA	M
57	115019	92100133014	AJAY DINESHBHAI RANK	M
58	115097	92100133085	SHAIFAN SHAIKH	M
59	115114	92100133086	NIVA RATHOD	F
60	115203	92100133088	YASH NARESHBHAI TILALA	M
61	115934	92210133005	RUSHABH JAY PATADIA	M
62	116063	92210133006	MEET ASHOKBHAI BUTANI	M
63	116198	92210133008	MIRALIBEN BHARATBHAI CHHAG	F
64	116206	92210133009	MEET ARVINDBHAI SAVALIYA	M
65	117126	92210133012	LUBAINA MOIZBHAI BHARMAL	F
66	118231	92210133013	PRINCE PARESHBHAI KAKKAD	M