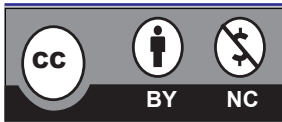


## Welcome to the Ocean of Research across Technical Disciplines

**Anjay Kumar Mishra**

Editor-in-Chief, Journal of UTEC Engineering Management, Bharatpur, Chitwan, Nepal



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### INFO

**Anjay Kumar Mishra**

Associate Professor

#### E-mail

[anjaymishra2000@gmail.com](mailto:anjaymishra2000@gmail.com)

#### Orcid

<https://orcid.org/0000-0003-2803-4918>

<https://scholar.google.com/citations?hl=en&user=70NJhYAAAAAJ>

### ABSTRACT

This editorial introduces the inaugural issue of the Journal of UTEC Engineering Management (JUEM), which aims at disseminating research and innovation in wide technical and managerial disciplines. It starts with a background and need to the journal suggests their potential readers, and concludes with a justification on the suitable development of journal name which focuses broad area of innovative research from different disciplines on technical researchable issues. This journal has started the new approach of publications in context of Nepal with a view to promote open access publication and copyright will be with authors. That signifies the author to obtain intellectual property rights on their own name.

This journal is an official publication of United Technical College, Affiliated to Pokhara University. It confers high quality academic publication through blind peer reviewed. This issues contains articles from Nepal and abroad across the field of project management, concrete technology, human resource management, technology management, procurement management and many more.

Acknowledging the individuals and institutions involved in bringing the journal from its conception to fruition, the review ends with a call on researchers and practitioners to cross over disciplinary boundaries and create an international platform for intellectual exchange that can lead to positive change in the scientific society.

**Keywords:** justification, innovation, research, project, interdisciplinary, intellectual

## **INTRODUCTION**

### **About the Publisher**

Let's move across United Technical College, College of Engineering, popularly known as (UTECH), was established in 2008 (2065 BS) under private sector initiative. The foundation of UTECH was instigated by a group of farsighted professionals and academicians who comprehended the need of a college for offering the technical education outside the valley. Mostly, the university level engineering education in private sector was concentrated in the capital city only. Therefore, for reaching a wider section of Nepali youth outside the valley and making the quality technical education accessible and affordable to the poor and deprived youths in outer region, it was essential to establish technical colleges outside the capital, which UTECH did by establishing the first private engineering college in Chitwan. Since its establishment, the youths from outside the valley region have taken full advantage and are continually enrolling in different engineering disciplines offered by the college. Since the establishment the college has produced six batches of undergraduate engineers so far in Civil Engineering and three in Electrical & Electronics Engineering. The facility at UTECH is located in Bharatpur Metropolitan City, Ward No.-11, Bhojad, UTECH Chowk, Chitwan. It has physical and institutional resources built on 20 Ropanis (1.0 ha) of land. These resources essentially cater to the academic needs in the bachelor level programs. The full-time Bachelor of Civil Engineering, Computer Engineering and Electrical & Electronics Engineering degree offered by UTECH, affiliated to Pokhara University, builds skill, expertise, and knowledge among its graduates in the area of higher technology and design. The industry driven project works, research and development and learning outlined by the university is followed strictly

to enhance the academic quality. So, UTECH provides unconditional opportunities for graduates to pursue engineering education with passion and confidence.

### **New Approach of Publication**

It Successfully conducted an International Conference on "Latest Innovations in Sustainable Engineering and Technology Management" LISETM21 inspired the team of college and continuous encouragement from the stakeholder made us to take an action to through a stone in the calm ocean of research with a hope to bring wave in its surrounding imparting the goodness to people of the society at large in dynamic context.

My pleasure to welcome you in the inaugural issue of the Journal of UTECH Engineering Management (JUEM), we decided to publish our own journal annually though thousands of journals are already available. It was a tough decision to come up with the publication. We consider the issues of taking over the years to be published during which our contents get irrelevant. If you do a research today and publish after 2 years during the period many advancement takes place in the area after which how would your reader reacts to your excellent but out dated work. It is matter of great sorrow to say many of us have been fraudulent by Publication Mafia as they charge a lot to publish our work. Being developing country, our research might not be significant in terms of needs and rational for develop country though the boundaries are not applicable in the ocean of knowledge which made our researcher discoursed. No matter where you publish if your content is good, you will draw the attention of research consumer. We are attempting to save national money by providing an alternative to the Commercial Journals & Philanthropical Journals through this free peer reviewed journal.

Most of the Subscription based Closed Access Journals takes Copyright with Publishers which does not give strength to the researchers that is why we urge need of a journal in our context where we get published without transferring copyright and paying to publisher. It is most for a researcher to apply for intellectual property rights on their innovation if it is disruptive then without any hard effort you may get it from any of world trade organizations country which must be more significant than that of any publishers publication which will be an opportunity for you only if you keep copyright with yourself as a researcher.

Few journals charge for article processing and publish without taking copyright. It could be an option, if you dare to afford which our national income does not support. That made us to bring this journal as extension of conference conducted earlier with a view to discourse on Latest Innovations in Sustainable Engineering and Technology Management. This is the motive behind thronging a stone in the calm ocean of research and publication.

It formed panels of advisors, reviewers and editors to work on the journal. All teams got down to their tasks, spreading words and inviting potential contributors to consider original submissions.

The brand new journal began to receive articles from researchers and practitioners of repute, coming from several disciplines of projects with their thoughtful research and analysis on a range of themes that, we believe, can lead to useful outcomes. To meet the deadline of a few months away, we sent most of the articles received for editorial consideration and peer review. This issue features ten of the peer-reviewed articles. Their themes range from construction projects analysis to more practical and technology oriented managerial topics.

The first few articles focus on the impact of concreting under along with construction projects followed by cyber security, local government performance along with occupational safety and leadership and quality of projects .

Overall, the first edition aligns with the journal's goals (UTC, 2023) to foster research and innovation (Vasquez, Janks, & Comber, 2019) and facilitate incremental innovation through collaboration, communication, and documentation across domains.

### **DEVELOPMENT OF JOURNAL NAME**

Being editor in chief, I proposed a name of journal as Journal of United Projects (JOUP). Many of team members were not much convinced with JOUP as they thought projects are not research that is why it is kept in undergraduate courses. I argue as every project is unique which need research. You never get two real projects exactly same that is why project is somehow similar to research. In research, you have to find the unknown on the basis of known in projects also you have to implement the unimplemented on the basis of implemented. Development of any country in knowledge economy depends upon the success implementation of projects. If you do anything first to bring output it becomes projects that is why we request authors to send their articles if they have produced any product, solution or knowledge to our journal. The term united referred as combination of multiple disciplines in inter and multi-disciplinary ways. That is why the journal scope is wide as it considers any article or research which adds value to technology, economy, and business for sustainable innovation to the goodness of society at large. Logic might not have convinced you but my request to join your hands for building history will open your pen and lead

you to lab for supporting us. In the meanwhile, a name proposed journal of UTEC Engineering Management which choose our mind to clap as it consider all aspects of its scope expressed in Latest Innovations in Sustainable Engineering and Technology Management.

The inaugural issue offers a collection of articles that can lead to Latest Innovations in Sustainable Engineering and Technology Management. We understand the journal can be better with your support and more of our effort, time and resource. Therefore, while pledging to improve future issues in line with the journal's aims, we invite you, the researchers, educators, students and professionals, to consider submitting your original works of research, experiments, reviews and perspectives to us as and when you can. Together, we can turn this journal into a vibrant platform for innovation that cross over disciplinary boundaries, yield insights and lead to positive action and change in the society through what is published, no matter where is published as we encourage to apply for intellectual property rights.

#### **ACKNOWLEDGMENTS**

This inaugural issue of the journal would not be with you today without the support of some institutions and individuals. Drawing strength from the work of the Editorial Board, in my current role as the Editor-in-Chief of the journal, I wish to extend my gratitude to the College Management Committee (CMC) of UNITED TECHNICAL COLLEGE (UTC) for inviting me to conceptualise and launch this journal. Journal advisors, Prof. Dr. Bharat Pahari, Former Dean of Institute of Engineering, Tribhuvan University, Prof. Er. Padma Bahadur Shahi, Ph.D., Chairperson Nepal Engineering Council, Nepal, Mr. Chudamani Khanal, Chairman, United Technical College, Bharatpur, Chitwan, Nepal and Prof. Keshab Datt Awasthi (Ph.D.) Principal,

United Technical College, Bharatpur, Chitwan, Nepal, and Prof. Dr. Tek Raj Gyawali, Pokhara University deserve the first mention for their support to the full editorial team. College Management and Administration Chief Mr. Binod Dhakal gave us a go-ahead while nudging us all along to make our best efforts and look at things from the publisher's point of view as well. Er. Baburam Upadhyaya, Managing Director, United Technical College, Bharatpur, Nepal, had reached out to me for giving a push to his initiative at UTC in publishing a flagship Academic journal. He then coordinated efforts to build the journal teams and also agreed, on our request, to sit on the Editorial Board, a channel within the journal for us to access wider rosters of peer reviewers and subject experts. Without his insistence on getting started right away and focusing on the deadline, this inaugural issue would not be with you so soon. On behalf of the editorial team, I thank him for his lead role in the Journal initiative, which brought professors from different departments of the college and University together on this project. Gathered in the Binod office of the college for the first meeting, they all deserve special thanks for setting the tone and direction for this journal such as Mr. Kul Chandra Pandit, Er. Birat Ghimire, Sulav Adhikari, Bishnu Baral, and many more. We are grateful to our Review Board, through which actively helped us, the editors, to get in touch with authors and expert reviewers in seeking their support and contribution.

I cannot praise the Editorial Board, comprising Prof. Dr. Binaya Kumar Mishra, Pokhara University, Pokhara, Nepal, Dr. Hare Ram Shrestha, Executive Director, SIDEf, Kathmandu Nepal, Prof. Dr. Thusitha Shahi, Nepal Engineering College, Kathmandu, Nepal

And Dr. J.S. Sudarsan, Program Director, School of Construction Management, NICMAR, Pune,

India enough. They oversaw editorial policy and practices, reviewed manuscripts, and took part in meetings, when asked, providing support to maintain the highest standards of research conduct and reporting, in terms of language, content and ethics of the journal. They were instrumental in exploring resources and articles, without which the inaugural issue would be far poorer. I single out Prof. Dr. Sital Kumar Karki for a special note of appreciation – he maintained his cool, even as we scrambled for clarity in the early days and weeks of embarking on this journey. We needed guidelines on journal aims, scope and ethics, for example, as well as clarity on our own individual roles and tasks. With his research background and experience, Dr. Mayanath knew what was important to do, when and how, while putting this journal together. Implementing the steps in starting an international peer-reviewed journal in a college, setting up its website, developing guidelines, making a call for submission or inviting authors to send articles, securing journal registration and article reviews was no easy task.

Together, the journal advisors, reviewers and editors are grateful to the authors, who contributed their research articles, case studies and theoretical perspectives, for consideration in this issue. Although we would not be able to include every submission, the articles included in this issue and about the same number of articles left out this time, gave us confidence to develop the journal as a forum for exchange of ideas, opening avenues for more of cross disciplinary research to understand and solve today's problems in different domains.

Finally, the journal teams acknowledge the support of the college administration, teachers and students to this new initiative. HoD Er.

Niraj Bohara of UTC, for example, set aside time despite his rush hours to help us get going when we got stuck in meetings. I also thank editorial team of ProD Journal whose friendship made us to aspire to work in technical domain as ProD focuses on liberal Arts and in future a similar work of business is needed. We can not miss out any of individual who supported during first UTEC conference including managing editors.

The inaugural issue is just the beginning of what promises to be a valuable and long-lasting contribution to academic Innovation. We look forward to receiving original submissions from scholars around the world for its future issues.

## CONCLUSION

The editorial review has introduced the Journal of UTEC Engineering Management (JUEM) and highlighted the need of cross disciplinary domains to address the pressing issues of the day. The journal provides researchers, practitioners, and educators with an interdisciplinary platform to explore and advance our understanding of the problems and address the persistent lack of progress in addressing the issues.

The editorial justifies the rational behinds the name also acknowledged the teams of editors, reviewers, advisors, authors, college staff and students for their support to the journal. Hope you raise your publication standards to intellectual property rights, no matter where it is published if you are confident on your research.

Your love, hope and belief inspire further research. With your feedback and support, we pledge to work harder in future for the improvement of the journal as a platform for exchange of innovation and research.

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