

Acceptance of Professorship Position

Gajendra Sharma, PhD

Professor

Department of Computer Science and Engineering

Kathmandu University

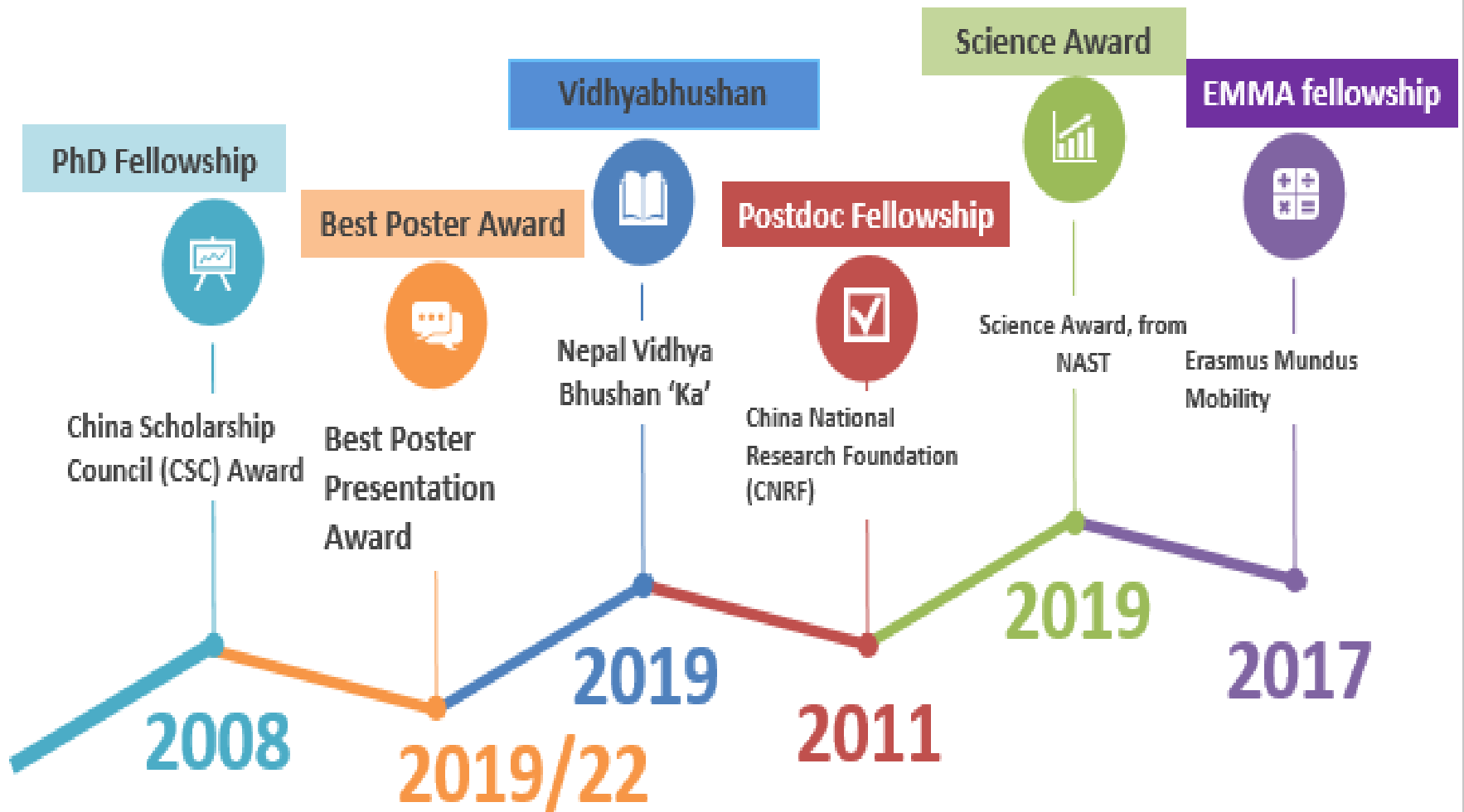
September 2024

Academic Journey

- Post Doctorate, 2013- Dalian Institute of Technology/Delft University of Technology, Netherlands
- PhD, 2011- Harbin Institute of Technology/Arizona State University, USA
- BE, ME (1191-97)- Moscow Technical University of Communications and Informatics
- ISc, 1989- Tribhuvan University
- SLC, 1986- Bhanubhakta Memorial Higher Secondary School



Fellowship & Awards



Industry and Academia Experience

Industry (8 years):

- Fewa Net Pvt. Ltd.: 2001-2005 (Executive Manager and Engineer)
- Neco-Av Pvt. Ltd.: 1997-2001 (Engineer)

Academia Experience (19 years)

Period	Institutions	Status
2014- Till date	Kathmandu University	Associate Professor & Professor
2011-2014	Liaoning Technical University, China	Associate Professor
2005-2011	Himalaya College of Engineering (Affiliated to TU)	Assistant Professor and Principal (including PhD study)
2001-2004	Pokhara Engineering College	Part Time Lecturer)

Leadership/Managerial Positions at KU

1. Acting Director- Monitoring and Evaluation Directorate, Office of the Vice Chancellor (2022-2024)
2. Central IT Coordinator (2020-2021)
3. Program Manager- Renewal Nepal Program (2015-2017)

Additional responsibilities:

Member

- Sub Committee Member- Research Development and Innovation, Kathmandu University (Sep 2024- Till date)
- Subject Committee- Masters in Digital Governance and Policy Development (Sep 2024- Till date)
- Employment Promotion Committee (2023- Till date)
- Scholarship Committee of the School of Engineering (2023- Till date)
- Subject Committee (DoCSE and MIC): 2021- Till date

Coordinator


- Semester Project: 2017-2022
- Kathmandu University Computer Club (KUCC): 2016-2022

Policy/Guideline Preparation of KU

1. Policy on Academic Collaboration of Kathmandu University with Nepali Universities (2024)
2. Digitalization Policy and Strategy (2024)
3. IT Policy (2023)
4. Monitoring and Evaluation Guidelines (2023)
5. Online Teaching Learning Guideline (2020)

Research Outcome



Gajendra Sharma 

[Kathmandu University](#)

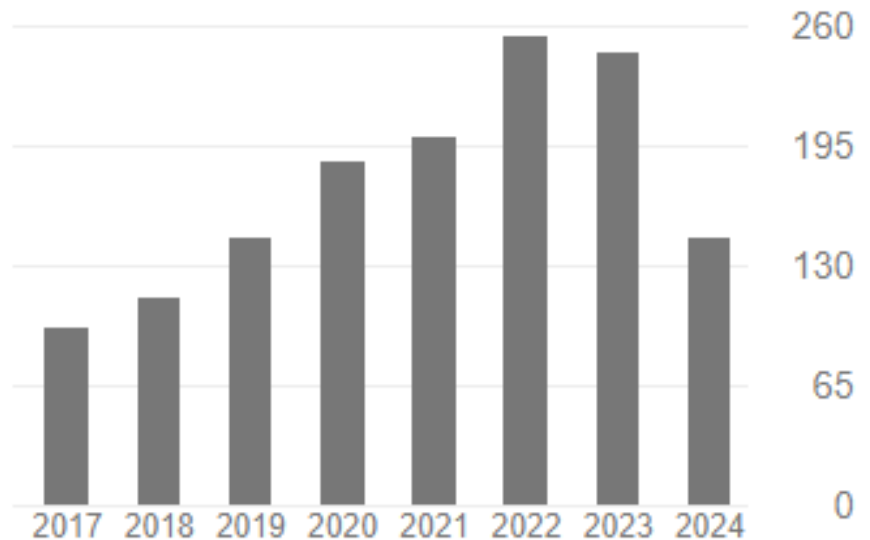
Verified email at ku.edu.np - [Homepage](#)

[Computer Engineering](#) [Information Systems](#)

Cited by

[VIEW ALL](#)

	All	Since 2019
Citations	1650	1178
h-index	20	14
i10-index	28	20



I N S O
CONFERENCE

International Conference for Award Winners
On
Engineering, Science and Medicine
Online.



Outstanding Scientist Award

Presented to
Dr. Gajendra Sharma
Associate Professor,
Department of Computer Science and Engineering,
Kathmandu University,
Kavre, Nepal.



नेपाल विज्ञान तथा प्रविधि प्रज्ञा-प्रतिष्ठान

नेपाल विज्ञान तथा प्रविधि प्रज्ञा-प्रतिष्ठानको छत्तीसौं प्राज्ञसभा वि.सं. २०७२ द्वारा विज्ञान तथा प्रविधिका विभिन्न क्षेत्रमा कार्यरत नेपाली वैज्ञानिक प्राविधिज्ञहरूको प्रोत्साहन तथा सम्मानको लागि स्थापित

नबिल विज्ञान तथा प्रविधि पुरस्कार

वि. सं. २०७५ सालको लागि

डा. गजेन्द्र शर्मा, स्याङ्वा

सह

नेपालको लागि उपयुक्त e-governance framework तयार गर्नुको साथै Virtual world को प्रयोगबाट e-commerce technology को विकासमा अनुसन्धान गरी योगदान पुऱ्याए वापत प्रदान गरिएको छ ।

तपाईंलाई देश सेवामा समर्पित रही यस्ता कार्यहरूमा सफलता प्राप्त हुँदै जाओस् एवम् यस पुरस्कारले अन्य वैज्ञानिक तथा प्राविधिज्ञहरूलाई समेत विज्ञान प्रविधिको क्षेत्रमा गहकिलो योगदान गर्ने प्रेरणा प्रदान गरेको भन्ने प्रज्ञा-प्रतिष्ठान हार्दिक कामना गर्दछ ।

डा. सुनिल बाबु श्रेष्ठ
उपकुलपति

गिरिराजमयी चौखरेल
सदकुलपति

के.पी. शर्मा ओली
कुलपति

वि.सं. २०७५ (संज्ञा २, २०७५)

中华人民共和国

People's Republic of China



外国专家证

FOREIGN EXPERT CERTIFICATE

类型 Type 印度文工类

证件号 Certificate No. W13219000001



(加盖钢印有效)

姓 Surname SHARMA
名 Given name WAJENBRA
性别 Sex 男
国籍 Nationality 尼泊尔
出生日期 Date of birth 1971-04-10

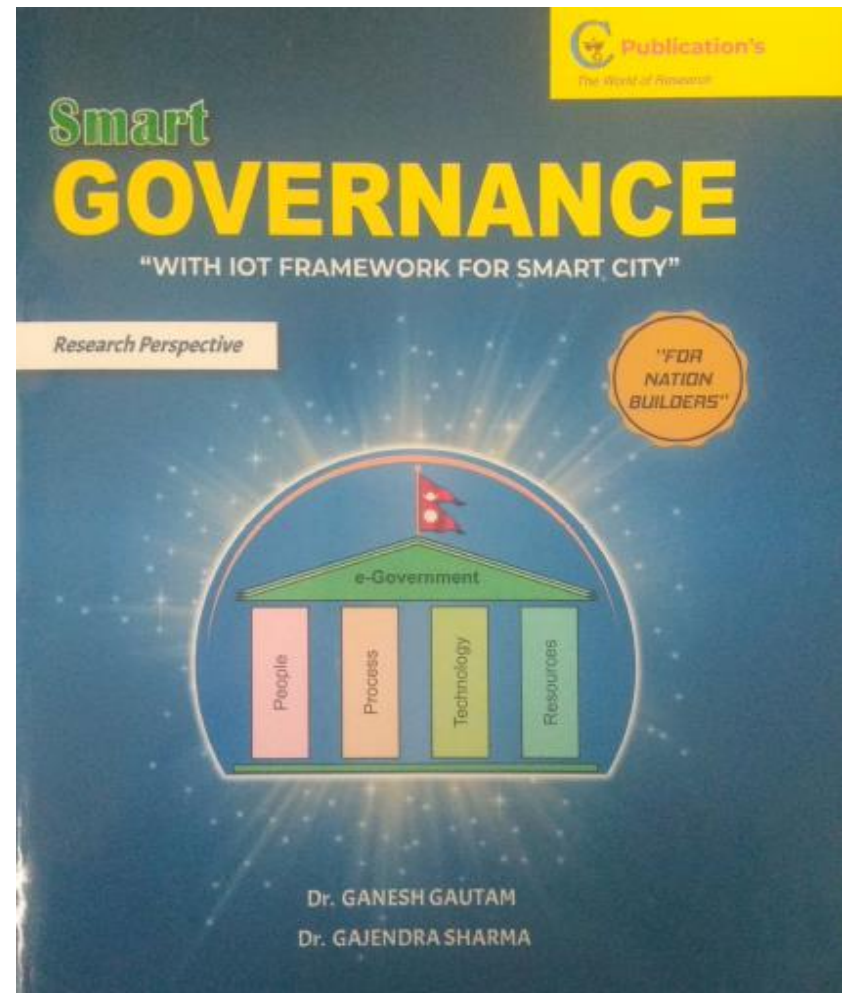
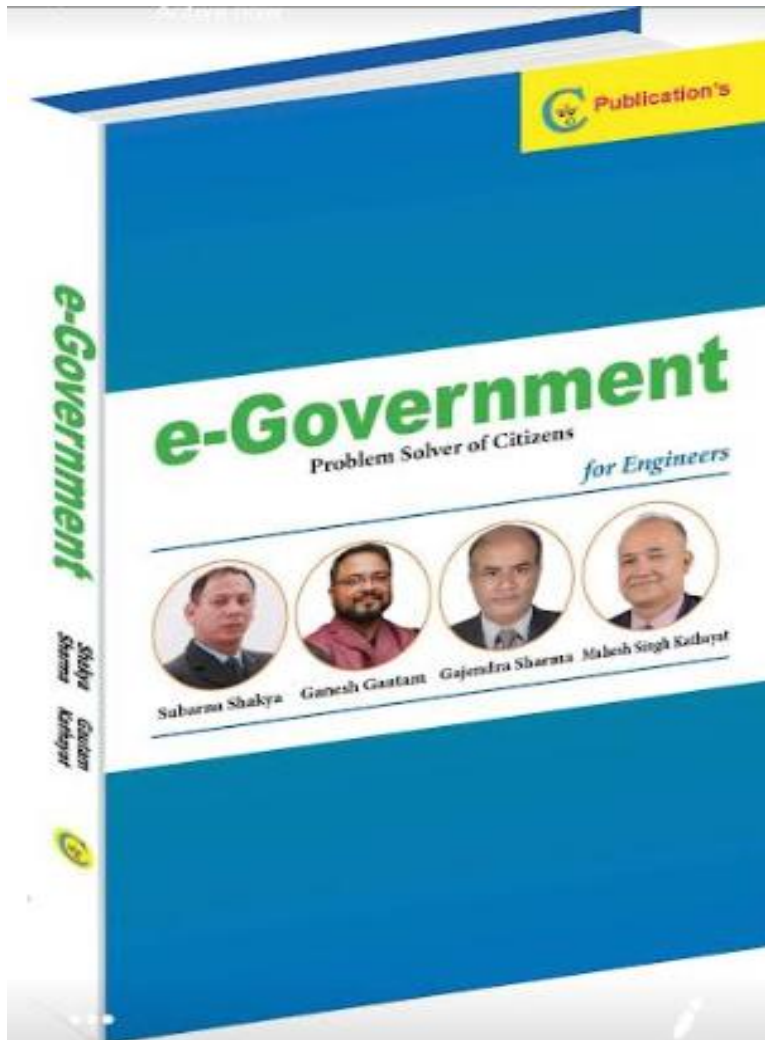
持证人签字 Signature of the bearer [Signature]

护照号码 Passport No. 2137144

聘用单位 Employer 辽宁工程技术大学
职位 Work position in China 副教授
现在住址 Present address 辽宁工程技术大学专家公寓
发证日期 Date of issue 2013-01-24
有效期至 Date of expiry 2014-03-01
发证机关 Issued by 阜新市外国专家局



Book Publication



Revised
Edition

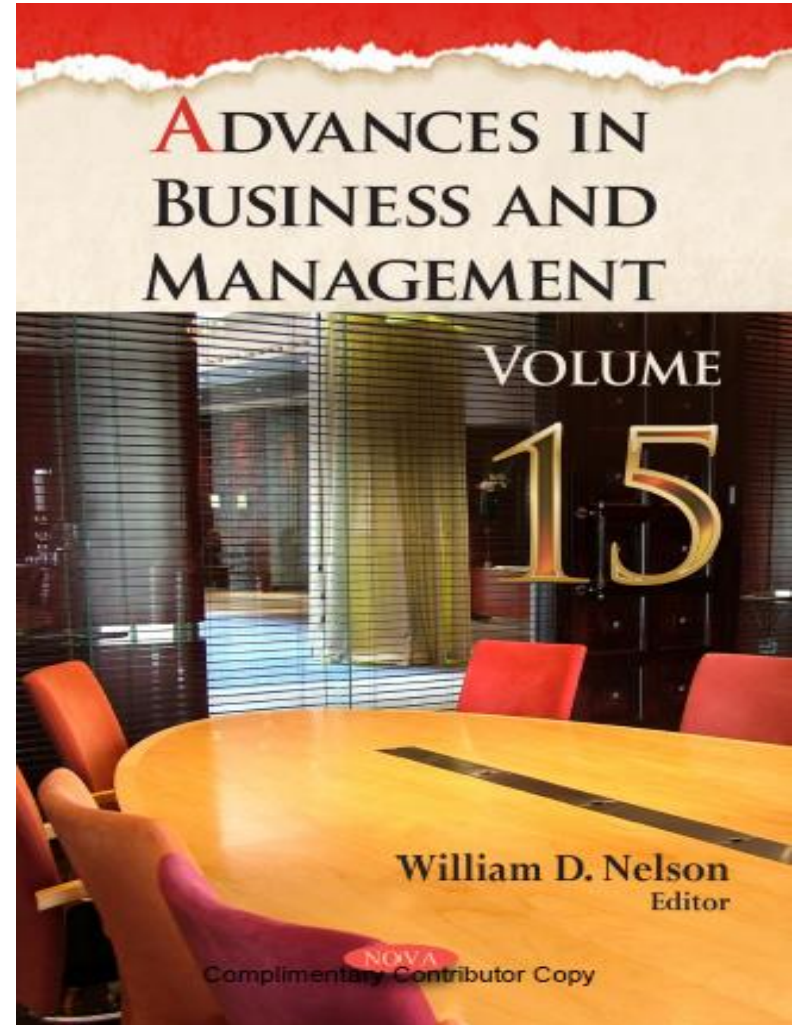
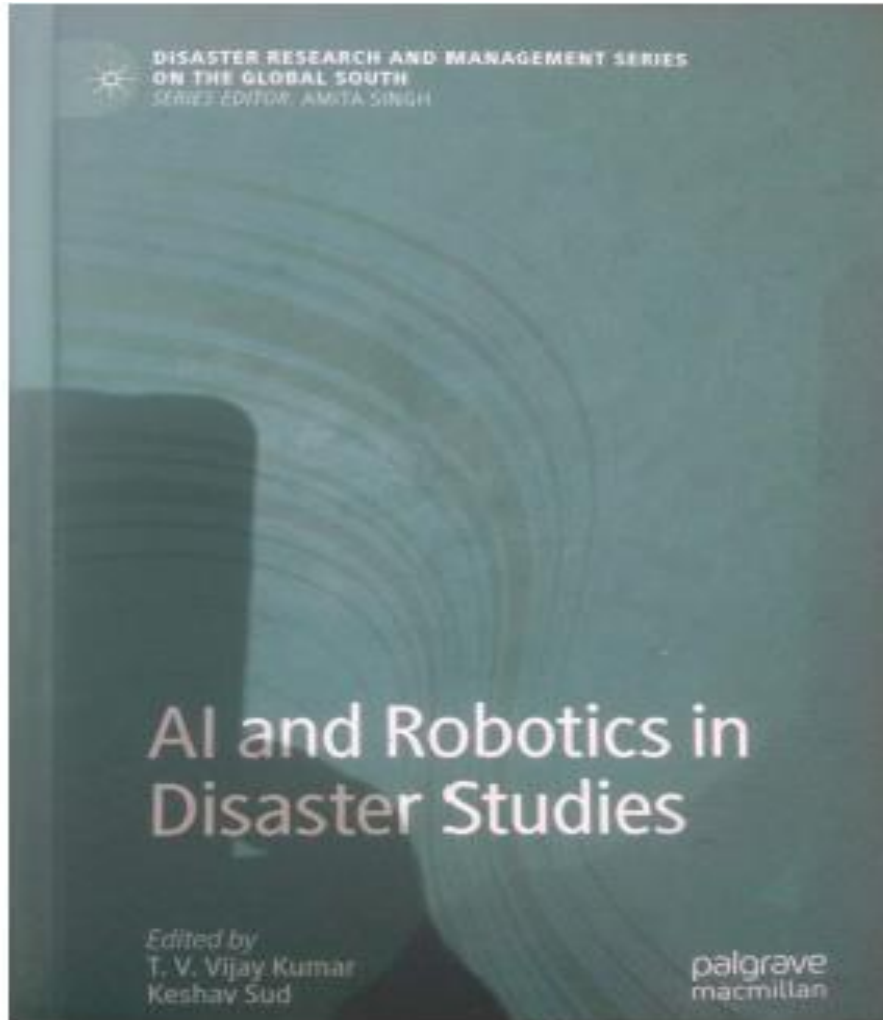
Computer Science



Grade 11

Gajendra Sharma, PhD
Ramesh Singh Saud
Dinesh Khadka

Book Chapter





Problems
and
Perspectives
of the
Relationship
between the
Media
and
Human Rights

*Edited by G. P. Pandey, Charu Joshi
and Paromita Das*

Research Paper Published

- Total Publication: 148
- Book: 3
- Book Chapters: 3



Journal Editorials and Reviews

- Telematics and Informatics (Elsevier)
- Information Systems Journal (Wiley)
- Internet Research (Emerald)
- Big Data
- Journal of Applied Science
- Information Technology and People (Emerald)
- Electronic Library (Emerald)
- International Journal of Web-Based Communities
- Journal of Experimental and Theoretical Artificial Intelligence
- Journal of Systems and Information Technology
- International Journal of Quality and Reliability Management
- Journal of Computer Science (Science Publications)
- International Journal of Distributed & Cloud Computing
- Australian Journal of Information Systems
- Journal of Technology and Science
- IEEE Transactions on Engineering Management
- Information Technology for Development
- Journal of Basic and Applied Research International



Taylor & Francis



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Springer



Major Roles at KU

1. Teaching-Learning
2. Research
3. Subject committees member
4. Publications
5. Scholarship committee
6. Syllabus Task team
7. Conference organization committee
8. MoU initiatives
9. Annual Progress Report preparation and get approval from the senate (M&E Directorate)

Research

Collaborations and Interdisciplinary Research

- Collaborating with colleagues and researchers from different disciplines
- Discuss potential avenues for interdisciplinary research and their impact





Resource Person





Teaching Excellence

Student-Centered Learning:

- Actively engaging students in learning
- Adopting pedagogical strategies:
 - Interactive learning
 - Classrooms collaboration
 - Research work
- Motivating to use digital technology

Course Design and Assessment

- Design course curriculum and aligning learning outcomes
- Inclusive and diverse learning environments
- Constructive feedback to students
- Collaborating with faculty members

Previous Projects

- **Performed five major projects at KU:**
 1. IT skill development project funded by European Union (2023)
 2. Skill Gap Analysis project in IT funded by Ministry of Labor, Employment and Social (2021)
 3. Health Information Technology project supported by Nirogi Inc., USA (2019)
 4. J-Rapid project funded by JICA (2014-2015)
 5. Capacity building of KU funded by NORAD and SINTEF (2014)

Ongoing research collaborations

1. Research on IT Innovation and Disaster Management with the support of National Crisisonomy Institute (NCI) and Chungbuk National University (CBNU), Korea.
2. Inclusion of research work in National Planning Commission, Government of Nepal (IoT for Smart Water Management)
3. Capacity Building Program on ICT funded by Asia Connect, European Union and TEIN Cooperation Centre

4. NCI-CBNU Research Project from National Research Foundation, Korea (2023-2029)

5. Skill Gap Analysis in IT funded by Ministry of Labor, Employment and Social Security, Nepal (Second Phase, 2024-2025)

Vision

My Basic role as a Professor

1. Teaching role- improvement in academic standards
2. Research role- guidance and assistance to junior staff and students
3. Service role- administrative activities

Finally

- I would like to express my gratitude to my colleagues and students who have supported and inspired me throughout my academic journey.

Thank you!