

DIPUL POUDEL

Independent Researcher · Creative Technologist · Founder, imdipul Records · IEEE & ASME Member

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Google Scholar | ResearchGate | SSRN | Academia.edu | engrXiv | IMDb | X / Twitter

RESEARCH, PUBLICATIONS AND CONFERENCE PRESENTATIONS

Dipul's Loss-Reclamation Priority Theory (LRPT): A Constraint-Aware Optimization Framework for Energy Systems

International Journal of Engineering Development & Research (IJEDR) · Vol. 14, Iss. 1 · Peer-Reviewed & Indexed January 2026

- Prescriptive systems-level optimization doctrine proving that reclaiming unavoidable energy losses in constrained systems yields greater net efficiency than increasing primary input. Grounded in classical energy balance, constraint-aware marginal analysis, and exergy reasoning.
- Formal inequality derived: $\frac{\partial \eta_f}{\partial R} > \frac{\partial \eta_f}{\partial E_i}$; validated quantitatively — EV recovery gain 15–30%, ICE vehicles 20–40%, data centers 15–40%. Zero new physical laws required.

Conference Paper Acceptance — ASME Energy Sustainability 2026 (ES2026)

Paper ES2026-193762 · Hyatt Regency Bellevue, WA, USA · July 26–29, 2026 · Signed by COO Jeff Patterson & Director Phyllis Klasky

Accepted Presentation — Global Physics Innovation Conference (GPIC) 2026

Rome, Italy & Online · September 17–19, 2026

How Volunteering Shaped My Purpose and Potential · TeenLife (U.S. News & World Report Affiliate) October 2025

Nepali Artist imdipul Blends Genre and Innovation to Redefine Independent Music *PRLog Press Distribution* · April 2025

Nepali Creative Technologist Dipul Poudel Gains International Recognition Through Independent Research *IssueWire* · January 2026

Dipul Poudel (imdipul) — Writer, Composer, Editor *IMDb* · Since 2021

EDUCATION

BSc (Hons) Computer Systems Engineering *University of Sunderland*

Remote / Nepal

In Progress

Higher Secondary Education (+2), Science Stream *Valmiki Shiksha Sadan*

Bharatpur, Chitwan, Nepal · CS · Physics · Chemistry · Mathematics · Gr. 12 GPA: 2.97 · Gr. 11 GPA: 3.29 · SEE GPA: 3.50

2022–2025

HONORS, AWARDS AND INTERNATIONAL RECOGNITION

- **Delegate** — **European Youth Summit 2026** (Ref: EYS-FF-2646)
Centre for Diplomatic Advancement · Movenpick Hotel, Geneva, Switzerland · June 5–8, 2026
- **ASME Paper Acceptance** — **ES2026** (Paper ES2026-193762): LRPT selected for oral presentation at ASME Energy Sustainability Conference, Bellevue, WA, July 2026.
- **Mathematics Olympiad Nepal (MAN) / IMO 2025 Selection Cycle**: District-Level → Provincial-Level → National Pre-Team Selection Test (Pre-TST).
- **Special Presidential Appreciation Award** — Rotaract Club of Narayangarh, July 2024. Recognized for sustained leadership and organizational contributions.
- **IMDb Listed** since August 2021 — Internationally recognized as independent writer, composer, and editor.
- **PTE Academic Score: 70 Overall**
Pearson Test Centre, Chitwan Medical College · August 3, 2025

PROFESSIONAL EXPERIENCE

Founder & Creative Director *imdipul Records*

Nepal / Global ·

2020 – Present

- Founded an internationally visible creative-technology label with sustained output since 2020; distributed globally on [Spotify](#) · [Apple Music](#) · [Amazon Music](#) · [YouTube](#) · [SoundCloud](#) · [Audiomack](#) · [Shazam](#).
- Built end-to-end creative pipelines: ideation → composition → sound design → mixing/mastering → digital publishing → global distribution.

Administrative Officer *Rotaract Club of Narayangarh, Rotary International*

Nepal · Prev: Executive Committee Member (Jul–Dec 2025), Editor-in-Chief (Jul 2024–Jun 2025)

Dec 2025 – Present

- As Editor-in-Chief: directed full editorial cycle across print/digital; managed 15+ writers, editors, designers; grew digital readership 200%; improved publication efficiency 40%.
- Organized charity events, awareness campaigns, and professional-development workshops reaching thousands of beneficiaries.

NSRI School Ambassador *National Student Research Institution (NSRI)*

Nepal

Feb 2026 – Present

- Promotes student research culture; facilitates youth engagement with scientific inquiry at school level on behalf of NSRI.

IT Intern *Infinity IT Solution*

Bharatpur, Bagmati, Nepal

Apr–May 2025

- Hands-on IT support, system maintenance, software troubleshooting, networking, data management, and client-facing tech solutions.

Web Developer *Pin Bazaar*

Nepal

2022–2024

- Designed and implemented functional web interfaces using HTML5, CSS3, JavaScript, Bootstrap; applied front-end best practices and usability principles.

IT Officer Zone II *Interact District 3292, Nepal & Bhutan*

District-Level, Rotary International

2023–2024

- Led digital transformation; established cybersecurity frameworks; conducted IT training for 200+ members; reduced inter-club communication

response time by 60%.

Freelance Music Producer *Independent*

2022–2023

Remote

- End-to-end production cycles (composition, sound design, mixing, mastering) for independent artists under project-based timelines.

LEADERSHIP, CIVIC ENGAGEMENT AND VOLUNTEERISM

- **Member** — IEEE (Mar 2026–; Member No.102054571) · **Member** — ASME (Apr 2026–; elected by Board of Governors)
- **Delegate of Nepal** — European Youth Summit 2026, Geneva, Switzerland (Jun 5–8, 2026)
- **Student Volunteer** — UNEP-TUNZA (United Nations Environment Programme Youth Network)
- **Volunteer** — Nepal Red Cross Society
- **Delegate (Yemen), UNHRC** — Valmiki Model United Nations (Jun 2023): authored resolutions, led negotiations with 50+ delegates; also served as Secretariat.
- **General Member** — Interact Club of Valmiki (2020–2023): 1,000+ beneficiaries; campaigns aligned with UN SDGs.
- **Member** — Red Cross Society, Valmiki School
- **Participant** — COTS, Rotaract District 3292 · **Attendee** — AI & Cybersecurity Workshop, ING Skill Academy · **Participant** — TECH EXPO 2023, Robotics Club of Valmiki · **Participant** — 4th Zonal Conference, Interact District 3292

CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

Oracle Cloud Infrastructure Foundations Associate (Oracle, Sep 2025 · ID: 102664128OCI25FNDCFA) · **Open Source Foundations** (IBM, Oct 2025) · **Introduction to Cybersecurity** (Cisco, Jul 2025 · ID: 6a322182-d3ab-45a8-a56d-90d74276cff) · **Networking Basics** (Cisco, Jul 2025 · ID: ca313164-ae22-4c35-835f-08861fc4e875) · **Grant Management** (Rotary International, Sep 2025 · ID: 236883026421757737093) · **Rotary Peace Fellowship** (Rotary International, Sep 2025 · ID: 49883026421757734416) · **Weapons & Ammunition Management** (UNITAR, Jul 2025) · **Gender Equality & Human Rights** (UN CC:Learn, Jun 2025) · **Health Across the Gender Spectrum** (Stanford Univ. School of Medicine, Jul 2025 · ID: 48979) · **Prostate Cancer Survivorship** (UT MD Anderson Cancer Center, Sep 2025 · ID: 723608) · **Buprenorphine for Opioid Use Disorder** (Brown University, Oct 2025) · **Managing the Stimulant Crisis** (NACE, Sep 2025 · ID: ded0cfd7-3b8f-4a6e-87bb-3e714cda36d8) · **Website Building (HTML5, CSS3, JS, Bootstrap)** (EDUCBA, Feb 2021 · ID: OHNTW31WC) · **JavaScript & jQuery** (Eduonix, Aug 2021 · ID: c6010cb40a) · **Psychological Research, Obedience & Ethics** (Online)

TECHNICAL SKILLS

Development: HTML5, CSS3, JavaScript, Bootstrap, Responsive Web Design

IT & Infrastructure: Networking, Cybersecurity, Oracle OCI, Data Management, System Maintenance, IT Coordination

Research & Scholarly: Preprint Publishing, Technical Writing, Systems Optimization, Energy Balance Modeling, Exergy Analysis, Constraint-Aware Design

Creative & Media: Music Production (DAW), Sound Design, Mixing/Mastering, Digital Publishing, Video Editing, Content Strategy, Editorial Management

Leadership: Event Management, Youth Leadership, Project Coordination, IT Operations, Community Outreach

Languages: Nepali (Native) · English (Professional —) · Hindi (Conversational)

ACADEMIC AND DIGITAL PROFILES

ORCID 0009-0003-8154-2150 · **Google Scholar** · **SSRN** · **ResearchGate** · **Academia.edu** · **engrXiv** · **OSF** · **Scribd** · **Portfolio** · **LinkedIn** · **IMDb** · **EverybodyWiki** · **X/Twitter** · **Instagram** · **Facebook**