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# GANDAKI ROUNDUP

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AN OFFICIAL BULLETIN OF  
**GANDAKI UNIVERSITY**





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## EDITORIAL

Gandaki University is the first provincial university of Nepal, established in 2019. Since its inception, the university has integrated teaching and research to provide world-class education. Being the first provincial university, there is an increased interest among the academicians, government, stakeholders, and general public regarding the university's on-going developments and achievements as this has adopted some unique features. Dissemination of information, either scientific or academic, is an important part of any academic institution for contribution to science along with public awareness. Therefore, with an aim to update and reflect the university's major events, scientific developments, and academic achievements, Gandaki University had successfully launched the inaugural issue of the official bulletin "Gandaki Roundup" on February, 2022.



Gandaki Roundup Bulletin not only disseminates information but also provides a space for the generation of knowledge, dialogue, debate, critique, and collaboration with its stakeholders including academicians, scientists, students, staffers, and communities. It is published twice a year to exclusively share the plan, progress, and achievements of the University, including students, staffers and faculty members.

We are delighted to launch the second issue of "Gandaki Roundup Bulletin" for 2022. On behalf of the Editorial Team, I would like to extend a very warm welcome to the readership of this bulletin. An e-version of the bulletin will also be available in the university's website ([www.gandakiuniversity.edu.np](http://www.gandakiuniversity.edu.np)). Finally, I would like to take this opportunity to thank the Chancellor, Vice-Chancellor, Registrar, Program Coordinators, faculties, staffers, and students for their valuable contributions to the bulletin. We whole-heartedly welcome any advice, comments, and contributions for current and upcoming issues of the bulletin.

We hope you will find the second issue of Gandaki Roundup Bulletin informative and of your interest.

Raj Kumar Thapa, PhD  
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# INTERNATIONAL RELATIONS AND DEVELOPMENT AFFIARS

## MOU OF GANDAKI UNIVERSITY WITH INTERNATIONAL INSTITUTIONS

- California State University, USA
- University of Central Missouri, USA
- Medi-Caps University, India
- Inter-Governmental International Organization
- Colombo Plan Staff College for Human Resource Development in Asia and the Pacific Region, Bhutan
- Inha University, Republic of Korea
- Ondokuz Mayıs University, Turkey
- Global Education Board, USA
- Hyupsung University, ContentsDa Inc., Eastern Light Education Foundation, South Korea
- Akamai University, USA
- Central Luzon State University, Philippines
- Bielsko-Biala School of Finance and Law, Poland

## ONLINE MOU

- Central Luzon State University, Republic of the Philippines

## MOU OF GANDAKI UNIVERSITY WITH NATIONAL INSTITUTIONS

- Policy and Planning Commission, Gandaki Province, Nepal
- Gandaki Province Academy of Science and Technology, Nepal
- Nepal Innovation Center, Nepal
- Nexus Institute of Research and Innovation, Nepal
- Nepal Academy of Science and Technology, Nepal
- IT Vocational Education Institution in Gandaki Province



# RESEARCH CENTER, INVENTION AND INNOVATION CENTER (RC-II)

## INVENTION AND INNOVATION CENTER

Gandaki University has established Invention and Innovation Center at Gyankunja, Pokhara-32, Kaski, Nepal. The center aim to provide problem-based solutions to the unmet needs of the society via invention and innovation. Furthermore, the center focuses on developing and commercializing products by utilizing the local resources to promote local businesses and economy of the people. The center aims to work on invention and innovation in different fields including agriculture, food products, health, biomedical, information and technology, machinery, and so on. The Invention and Innovation Center provides an incubation facility for well-equipped machineries like CNC Lathe Machine, CNC CO2 Lase Machine, 3D Printer, Hydraulic Bending Machine, CNC Pipe Bende, Pocket NC V2-50, and 4 Jaw Lathe Machine. The ultimate goal of the center is to link its activities to the academic program of the university.



Research is an integral part of the academic excellence. Hence, Gandaki University established the Research Center, Invention and Innovation Center (RC-II) in 2021 with the objective to support faculties and students for research activities. To nurture the upcoming generation with scientific awareness and enthusiasm, RC-II is dedicated to promote research activities within different programs (Pharmacy, Sports Management, Information Technology, Management, and Law) run by the university. The RC-II is dedicated to facilitate research activities by providing research grants to the faculty members of Gandaki University. In addition, it promotes research collaboration with different national and international institutions and organizations. Furthermore, RC-II facilitates grants applications and simplifies grant administration procedure for the principal investigators from Gandaki University. It also run periodic training and conduct workshop to enhance capacity of faculty members.

### Ongoing research projects supported by RC-II

Principal Investigator	Funding agency	Timeline	Program	Research Title
Aanp Adhikari, Assistant Professor	RC-II, Gandaki University	2022-2023	Information Technology	A cloud-based-solution for academicians seeking education opportunities
Ashish Acharya, Assistant Professor	RC-II, Gandaki University	2022-2023	Sports Management	Situation and challenges of extramural and intramural activities in secondary level schools of Pokhara Metropolitan City, Kaski district
Bhawana Paudel, Assistant Professor	RC-II, Gandaki University	2022-2023	Information Technology	Use of Satellite Image for land cover mapping of Gandaki Province: An approach of random forest algorithm
Prakash Poudel, Assistant Professor and Program Coordinator	RC-II, Gandaki University	2022-2023	Pharmacy	Ethnomedicinal study on plant-based leech repellent products in Kaski, Nepal
Raj Kumar Thapa, PhD Executive Director Research Center, Invention and Innovation Center	RC-II, Gandaki University	2022-2023	Pharmacy	Determination of strategies used for the prevention of mosquito bites in Kaski district
Roshani Gurung, Assistant Professor	RC-II, Gandaki University	2022-2023	Pharmacy	Ethnoveterinary practice of medicinal plants by ethnic people of different place of Kaski district of Nepal
Saroj Giri, Assistant Professor and Program Coordinator	RC-II, Gandaki University	2022-2023	Information Technology	Fake news detection using convolutional neural networks



## ANNUAL DAY OF GANDAKI UNIVERSITY

On Falgun 4, 2078 (February 16, 2022), Gandaki University celebrated its Second Annual Day. The program was conducted at the university premises in the presence of honorable ministers of Gandaki Province; renowned academicians; local representatives; and University officials, faculty, staffers and students. The program highlights were the inauguration of the Invention and Innovation Center of Gandaki University along with the official release of the inaugural session of Gandaki Roundup Bulletin and performance of cultural program by the students.



Some glimpses of the second annual day celebration of Gandaki University in the premises of Gyankunja, Pokhara-32, Kaski, Nepal.

## GANDAKI UNIVERSITY TECH TALK

Gandaki University Tech Talk (GUTT) is an online-offline dialogue series conducted by Gandaki University with the theme of Aspiring Industry 4.0. GUTT has been focusing on various topics on emerging technologies around the globe. The series did not exclude any discipline of knowledge but the focus was on Artificial Intelligence, Machine Learning, and Big Data. The aim of this talk series was to develop a “feel” on these emerging technologies among stakeholders. A separate series will follow this dialogue series to develop “craft” that complements the GUTT series. The topics covered so far in GU Tech Talk are:

Date	Topic	Resource person	
April 01, 2022	History, trends and future in AI	Prof. Soo Young Chang (POSTEC, Korea)	
April 29, 2022	Education for Technology and Technology for Education	Prof. Manish Pokharel (Kathmandu University)	
May 20, 2022	Machine Learning in Agriculture	Adriana Beal (Slalom, USA)	
May 27, 2022	AI as a Service	Muntak Son (Joy Institute of Technology, Korea)	
June 10, 2022	Research objectives of machine learning	Jyoti Kukade (Medi Caps University, India)	
June 24, 2022	Computer vision and Deep Learning Applications in Agriculture	Dr. Anand Koirala (CQUniversity, Australia)	
July 08, 2022	Data-Driven Smart Solutions	Dr. Bhupesh Mishra (University of Gloucestershire, UK)	
July 22, 2022	Trapping the Sun Using Deep Learning	Dr. Shree Krishna Acharya (Mokpo National University, Korea)	





## GANDAKI UNIVERSITY SPORTS MEET

Physical sports are directly related to physical fitness. Games and Sports are not only for physical exercise and joy but also a way to divert negative thinking. While playing games, the students learn important things such as teamwork, sportsmanship, patience and hard work to achieve the goals. In this context, Sports Management Program (BSM) of Gandaki University organized a sports meet event on July 20-22, 2022. Futsal, table tennis, and tug of war were the events of this sports meet. A total of 221 students participated from five programs (BSM, BIT, B. Pharm, BBA, and BALLB) of Gandaki University. BSM faculties and students played a key role in the successful organization and management of the sports events by contributing as volunteers, officials, and technical persons. The events for the sports meet were conducted at Forest Recreational Center in Bulaudi, Pokhara.

Game	Participants		
	Boys	Girls	Total
Futsal	56	32	88
Table Tennis	44	12	56
Tug-of-war	49	28	77
	<b>Total</b>		<b>221</b>



Some glimpses of Sports Meet 2079 organized by Gandaki University.

## ACADEMIC ACTIVITIES - MEETINGS, INTERACTIONS, AND SHARING

### a) MBBS/BDS curriculum preparation:

MBBS/BDS curriculum handover ceremony was held on March 7, 2022 at Gandaki University. A detailed curriculum for MBBS/BDS program, recognizable internationally and to be approved by the Medical Council, was developed. Chief guest, Hon. Netranath Adhikari, Speaker of the General Assembly, Gandaki Province, inaugurated the program. Gandaki University is planning to start MBBS/BDS program in the near future to strengthen the Health Sciences education in Gandaki Province.



### b) Interaction with representative from policy research institute (PRI), Kathmandu:

An interaction program between Gandaki University and Policy Research Institute was held on March 23, 2022 at the university premises. Dr. Bishnu Raj Upreti, Executive Chairperson of Policy Research Institute with his team discussed on possible areas for collaboration and policy research needed for Gandaki Province.



### c) Visit from America Nepal Foundation:

Prahlad B. KC from America Nepal Foundation visited Gandaki University on March 18, 2022 and had meeting with Chancellor, Vice-Chancellor, Registrar, Dean and member of Human Resource Management Committee of Gandaki University to express his interest in supporting the university (especially from the Support of NRN) for academic excellence.





## d) Induction and orientation program:

Some glimpses of Induction and Orientation programs of Gandaki University. A combined program for students of Sports Management, Information Technology, Business Administration and Law was conducted at Hotel Deurali to mark induction and orientation. A separate welcome program for the students of Pharmacy Program was conducted at Pandheri Park Village. Chancellor (Prof. Ganeshman Gurung), Vice-chancellor (Prof. Naba Raj Devkota), Registrar (Dr. Kailash Timilsina), and Dean (Dr. Kapil Adhikari) talked about the importance of different programs and the university's mission of providing world class education to the students. Program coordinators and the faculty members also stressed on the importance of the specific programs and their relevance in developing professional graduates for future.



## e) Visit from Republic of Korea:

Interaction program with Professors from Republic of Korea and Team from Gandaki University was held on June 23, 2022 at Godavari Village Resort Godavari, Lalitpur. Senior Professors: Prof. Kee Seon Yoo (HGU), Prof. Soo Young Chang (POSTECH), Prof. Kyu-Bong Cho, Prof. Kukwoon Lee, and Prof. Byongdeok Kang from Global Hangdong University were present in the meeting. Earlier, Vice-Chancellor Prof. Devkota welcomed participants and discuss about potential collaboration between the two universities in research and faculty exchange. Dean of Faculty of Science and Technology, Dr. Kapil Adhikari gave a short presentation about Gandaki University which was followed by a fruitful discussion on future partnerships, collaborations, and exchange for academic excellence.



## f) Visit from Michigan State University (MSU), USA:

Prof. Nanda P. Joshi from Michigan State University, USA visited Gandaki University regarding possible collaborations between the two institutions. During the visit emphasis was given to explore ideas for mutually agreed research areas and also to begin faculty, officials exchange visit.



## g) Visit from Norwegian University of Science & Technology:

Prof. Martina Maria Keitsch from Norwegian University of Science and Technology (right) visited Gandaki University on June 03, 2022 and had a brief meeting with the Gandaki University team at the Office of Chancellor. Prof. Keitsch was very pleased with the development of Gandaki University and shared her expertise on development of new program essential for Gandaki Province. Prof. Keitsch discussed about student exchange and academic/research collaborations.



## h) Visit from Hanyang University, Republic of Korea:

Prof. Dong Woon Han from Hanyang University, Korea visited Gandaki University on August 14, 2022. Prof. Han was eager to provide expertise related support for establishing the medical program of the university.



## i) Visit from US:

Dr. Santosh Sapkota (left) visited Gandaki University. He shared ideas on innovation related aspects beneficial for the university. Mohan Gurung from USA (right) visited Gandaki University. Mr. Gurung offered to support the university in any relevant aspects.





## j) Visit from Lahore University of Management Sciences (LUMS), Pakistan:

On July 25, 2022, Prof. Abubakr Muhammad, Department of Electrical Engineering and Executive Director of Center for Water Informatics and Technology from Lahore University of Management Sciences (LUMS) visited Gandaki University and interacted with the students and faculties. Also, Prof. Muhammad discussed with the University officials regarding possible academic and research related collaborations between Gandaki University and LUMS.



## k) Visit from Kanazawa Gakuin University, Japan:

On August 9, 2022 Professor Bishnu Prasad Gautam, Department of Economic Informatics, Kanazawa Gakuin University and Professor Sato Kazuhiko, Muroran Institute of Technology, Hokkaido, Japan, visited Gandaki University and had interactive session with the Gandaki University team. Prof. Gautam and Prof. Sato shared their current projects in Nepal and also discussed about possible collaborations.



## STUDENTS COLUMN



Career Guidelines Interaction (right) and one day coding workshop (left) organized by the Bachelor of Information Technology Program of Gandaki University. There was an active participation of students in both the activities.

## TESTIMONIALS



**Aruna shahi**

Third Semester, Bachelor in Sports Management

From my school level, I was keenly interested in games especially in volleyball and had started to envision my future in it. Therefore, I started to play volleyball from school level and fortunately I never dashed back in my mission. Along with school, district and region, I began to play national level games and became successful to lead the entire team as the national captain. However, while advancing in sports, a realization emerged in my mind that mere practicality in sports is not adequate. That's why; to sharpen my professional and academic career in the field of sports, I chose Gandaki University which is the first University in Nepal to launch Sports Management Program.



**Dolly Bhatta**

Third Semester, Bachelor in Sports Management

I feel privileged to be a part of Gandaki University, the first university in Nepal for launching Sports Management Program. Even while representing the country as a national player of Cricket, I was not satisfied because that was just the intensification of my physical skills not the cerebral ability. Hence, with the intense desire to mix up cognitive, theoretical, and practical skills in education and sports, I enrolled as a student at Gandaki University. Those who want to shape their career in the sports sector can choose Gandaki University where they get the real flavor of sports education in conducive academic environment.





**Katrina Basnet**

**Third Semester, Bachelor in Information Technology**

Gandaki University with the Brand “Welcome to the Future” thrives for the advancement of society through knowledge. It is designed with the mission to be a leading national center for the excellence in higher education in Nepal. It has student friendly environment. I am thoroughly enjoying my Bachelor of Information Technology studies at Gandaki University. The intensive and specialized program has enhanced my knowledge. The mentors are extremely knowledgeable and experienced. Similarly, the international teaching methodology on the course has been a major impact in my understanding of the modules. As a topper of the first semester, I also got scholarship for the next semester. In a nutshell I feel proud to be a part of Gandaki University.



**Suman Poudel**

**Third Semester, Bachelor in Information Technology**

It's the collegiate journey that really matters! Gandaki University located in the beautiful city Pokhara, provides a fine environment for higher level studies. It has undeniable assets influencing students to join here for building their future. The level of care and attentiveness shown to the students is remarkable. Experience has been rewarding and fulfilling with many memories to cherish. Being the second topper in Board exam I was awarded with full scholarship for the semester. Likewise, Gandaki University provides scholarship to deserving students, according to its guidelines, in order to recognize and promote academic excellence. Its academic standard is practical and delivered in a way where students are eager to learn. It brings out the best in you. I am really thankful to this glorious institution which is best place for higher studies.



**Sarita Poudel,**

**Second Semester, Bachelor of Pharmacy**

Established just three years back, Gandaki University is providing quality pharmacy education with experienced and outstanding professors. The friendly atmosphere with good laboratories, precisely designed curriculum introducing many new concepts and exposure to the field of research and innovation would guide you to the better path of academia. Studying in Gandaki University surely ensures the bright future with adequate academic growth and development. If you want to be an excellent pharmacist or pharmaceutical research scientist then, undoubtedly Gandaki University will be the right choice for you.



**Gaurab Bhandari,**

**Second Semester, Bachelor of Pharmacy**

I got to know about Gandaki University via online while preparing for the MEC entrance exam and I am glad that I got admitted here. I find Gandaki University a suitable destination to forward my life's aim to be a good pharmacist. The atmosphere of the premises is quiet and peaceful, the teachers are motivating and friendly, and the management is cooperative. In Gandaki University, there is presence of highly professional regular evaluation, quality education, and timely completion of academic calendar course. There is focus not only on curricular studies but also on your passion whether it is research or another field. Regular seminars from skilled professors, lecture classes by foreign professors, and collaboration and interaction with teachers of related fields are conducted timely. I believe Gandaki University will be an invaluable milestone for achieving a marvelous academic career



**Nisha Bhattarai**

**Second Semester, Bachelor of Business Administration**

When I joined the BBA program at Gandaki University, I had some restlessness regarding my choice. But as time passed, I realized its strength. Gandaki University, undoubtedly, is one of the best universities in Nepal. The young, energetic, and excellent professors and their unique style and methods of teaching inspire every learner to be prepared for a bright future. A specially designed curriculum emphasizes not only leadership qualities, communication skills, and analytical and problem-solving abilities, but also teamwork, life skills, and developing an entrepreneurial mindset. Your decision to pursue a BBA program at Gandaki University will provide you with a more comprehensive understanding of the business world.



**Pratik Poudel**

**Second Semester, Bachelor of Business Administration**

I didn't know that a single post on my social media could have the ability to shape my future. Yes, I knew about Gandaki University through a social media post made by the university about admission. I was eagerly searching for a college, and when I learned about a new university in my hometown, I was more than happy. Gandaki University has undoubtedly shaped me and my career since the day I first stepped inside the campus. The faculty members, non-teaching staff, and administration have always been friendly, and they are playing a vital role in creating a conducive and exciting teaching and learning environment. The easy access to every facility here at Gandaki University and the diversified environment excite me every single day. I have no regrets about choosing Gandaki University, and I hope it's your turn now







**Prashamsa Sharma**

Second Semester, Bachelor of Arts Bachelor of Law

Gandaki University has maintained its dignity as pertinent institution of quality legal education. The highly professional evaluation, expert faculty members, peaceful academic environment, and excellent management of this university contains dimensional subjects that will sharpen and broaden your mind for your bright future. Gandaki University will surely be an invaluable milestone for your marvelous academic career



**Sumit B.K.**

Second Semester, Bachelor of Arts Bachelor of Law

Gandaki University has been established as a bright rising sun in the field of legal education by introducing integrated and interdisciplinary five years B.A.LL.B. Program. The faculties of B.A.LL.B. Program at this university are dedicated to foster and inculcate the intellectual, practical, and ethical values. Students who want to shape their career in the field of law can choose Gandaki University as their apt academic destination.

## PUZZLE

### SUDOKU

#### INSTRUCTIONS

Use the numbers 1 to 9 to complete the Sudoku.  
Only use each number once in each row, column and grid.

6				8			5	
5	8		6	7		4		
		2			1	8		3
1		9			4			2
				6	7		3	4
	4	6		9		5		
8			9					6
4		5		3	6	1		
		1		2			9	5



The solved puzzles by the students should be submitted to their respective Program Coordinators which will then be collectively accumulated and the lucky draw winners of correctly solved puzzles will get interesting prizes.



## CONTACT US

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