



# Newsletter

नेपाल गणित समाज

## NEPAL MATHEMATICAL SOCIETY

Established in 2035 BS (1979 AD)

[www.nms.org.np](http://www.nms.org.np)

Issue No. 20, May 2024

### Editorial

It's our immense pleasure to share that the Nepal Mathematical Society (NMS) has published the 20th issue of its Newsletter on the occasion of its 46th anniversary. This issue highlights the major activities of the NMS, and its valued life members from the first date of Baishakh, 2080 to the end of Chaitra, 2080 (April 14, 2023 - April 12, 2024). NMS is actively involved in various mathematics-related activities to strengthen the capacity of the mathematical academia and research, and also popularize mathematics in Nepal. This Newsletter has incorporated the activities carried out by the NMS during this period, including the training workshops under the Society to Society ( $S_2S$ ) Project, and the scientific talk series. It also includes the academic and research activities of our valued life members, a short biography of Prof. Sharada Shrestha and Prof. Dr. Raj Narayan Yadav, along with an important interview with Prof. Dr. Kedar Nath Uprety. A complete and updated list of the life members of the NMS has also been incorporated. We are thankful to you all who have supported us academically, financially, and in many other ways, and we also hope the same in the years to come.

### Editorial Board

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### Message from the President

It is a great honor and tremendous pleasure for me to congratulate all the valued mathematicians, commemorating the 45<sup>th</sup> anniversary of the Nepal Mathematical Society (NMS), and launching its newsletter of Issue No. 20, June 2024 on this occasion.

It has been a special honor and privilege to undertake my responsibility since December 2021 as the president of NMS for three years (2022-2024) tenure. The present NMS executive committee (EC) would like to express our sincere gratitude and special thanks to all the esteemed life members of NMS for their continuous encouragement, assistance, and support in all programs and activities conducted by the Nepal Mathematical Society. On behalf of NMS and its EC, I would like to acknowledge and appreciate the enthusiasm, dedication, and contribution paid by the past EC and subcommittee members, and all the valued life members for their valuable time and effort for making NMS more dynamic and vibrant among the Nepalese mathematical community via conducting various nationally and international activities in teaching, learning, and research in mathematics and mathematics education. NMS has completed its 46-year journey, and currently has more than 1100 life members.

We are continuously conducting the NMS-ANMA Talk Series and CDM-NMS Talk Series and other research/ general talks of Nepalese and internationally renowned mathematicians.

NMS jointly organized the *Third International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2023)* in Pokhara, Nepal, from May 25-28, 2023 with the Association of Nepalese Mathematicians in America (ANMA), the Central Department of Mathematics, Tribhuvan University (TU); Department of Mathematics, School of Science, Kathmandu University (KU). Nepal Sanskrit University and Pokhara University were the collaborators. Before the conference, the *CIMPA Summer School* in Data Visualization, Modeling, and Mathematical Tools, was conducted in Kathmandu, Nepal from May 15-24, 2023. The summer school aimed at introducing graduate students, early career faculty members, and young researchers to diverse topics from data modeling and visualization as well as algebraic, topological, and analytic tools to study mathematical models via differential equations.

NMS has published Volume 6 Issues 1 and 2 of the *Journal of Nepal Mathematical Society* (JNMS). The EC of NMS acknowledges and heartily thanks all the authors, reviewers, and editorial board members for their valuable time and support.

NMS and its Province Committees conducted the *Mathematics in the Street*. This program has been organized in more than a dozen places in Kathmandu and all other provinces of Nepal to popularize mathematics among the general public through mathematical puzzles, and fun games. Many mathematics teachers and students from schools, colleges, and universities volunteered for the program. NMS and all the province committees also celebrated the *International Mathematics Day (Pi Day)* with the theme *Playing with Math*.

NMS is going to jointly organize the *Second International Conference on Mathematics and Applications (ICMA-2024)*, in Kathmandu, Nepal from December 13-15, 2024 with the Central Department of Mathematics, Tribhuvan University (TU), Department of Mathematics, Kathmandu University (KU) in collaboration with the Nepal Sanskrit University and the South Asian University, Delhi.

NMS has launched the *Society to Society ( $S_2S$ )* project with the support from the Nick Simons Foundation (NSF), USA for the upliftment of mathematics in secondary schools. We are at the last year of this three-year project in the verge of a producing comprehensive training manual, already produced nearly 100 trainers and conducted trainings at four provinces. This year, a ToT at Kathmandu, a ToT at Kathmandu and a training at remaining three provinces will be scheduled soon so as to complete the project. NSF has also continued providing financial support to the NMS for Master's, MPhil, and PhD students this year.

NMS also invites relevant stakeholders such as the policy makers, local and central government authorities, education offices at municipalities, provinces, and the central levels, for effective implementation of the  $S_2S$  project as well as to ensure the effectiveness of the project outcomes in the educational institutions.

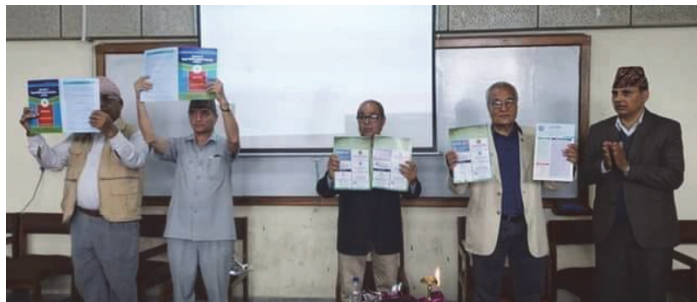
Finally, on behalf of NMS, I heartily acknowledge and offer special thanks to you all who have supported and well-wished our activities and given us your valuable ideas, suggestions, and feedback.

Sincerely yours

Prof. Dr. Narayan Prasad Pahari  
President, NMS

## 45<sup>th</sup> Anniversary

Nepal Mathematical Society (NMS) celebrated its 45<sup>th</sup> anniversary at the Central Department of Mathematics (CDM), Tribhuvan University (TU), Kirtipur on Baisakh 30, 2080. The former Vice Chancellor of TU Prof. Dr. Hira Bahadur Maharjan was the chief guest. NMS felicitated Prof. Uma Nath Pandey for his lifetime contributions to Mathematics education. In the program, the following awards/fellowships were also distributed.



**Dr. Shankar Raj Pant Research Award:** Mr. Ramesh Gautam received this award against the best research publication. Mr. Gautam also presented their research works during the program.

**NMS-ANMA Master's Fellowship:** Mr. Gangaram Joshi and Bidhya Pokhrel received this fellowship for their excellence in the entrance examination of MSc in Mathematics.

**NMS Master Fellowship:** Ram Chandra Timilsina, Dhurba Poudel, Bhuvanewori Giri and Shrijana Bhatta received this fellowship for their outstanding results of MSc.

**NMS MPhil Fellowship:** Bishnu Prasad Bhandari, Dola Raj Pandey, Shanti Ram Adhikari, and Nirmal Gurung received the fellowship.

**NMS PhD Fellowship:** Gyan Prasad Paudel, Dev Chandra Shrestha, Prem Kumari Dhakal, Tek Bahadur Budathoki, Raghubir Bhatta, Thanewor Bhandari, Dipak Babu Amgain, and Sachin Wagle received this award.

### Felicitations for PhD Degree in Mathematics

Dr. Ramesh Timsina, Dr. Kharika Devi Parajuli, Dr. Ram Krishna Panthi, Dr. Bhuwan Prasad Ojha for felicitated for their PhD Degree.

**JNMS Best Article Award:** Mr. Gyan Prasad Paudel and Prof. Dr. Jyoti Upadhyaya were the recipients of this award.



## Third International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2023), Pokhara

Nepal Mathematical Society (NMS), Association of Nepalese Mathematicians in America (ANMA), Central Department of Mathematics at Tribhuvan University, and the Department of Mathematics at Kathmandu University jointly organized the **Third International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2023)** in Pokhara, Nepal from May 25-28, 2023. The conference remained an excellent forum for a diverse group of scientists in applications of mathematics to natural and health sciences, engineering, and finance. It aimed at bringing together research scholars from a variety of disciplines that impact nonlinear analysis and applications in bio- and physical sciences from southeast Asian countries and around the globe.



Nepal Mathematical Society (NMS) provided travel support to 48 Nepali participants and Prof. Dhruva Adhikari supported 2 Nepali participants for the conference registration.

On this occasion, 5 plenary talks, 7 special invited talks, 27 invited talks, and 123 contributed talks were delivered. Hon. Surendra Raj Pandey, the then chief minister of Gandaki Province was the Chief Guest, and Prof. Dr. Prem Narayan Aryal, the Vice Chancellor of Pokhara University was the special guest in the inaugural session. NMS sincerely thanks all the participants and the organizing and steering committee members, especially the convenors: Dr. Shree Ram Khadka and Dr. Gokarna Aryal. Before the conference, a CIMPA Summer School in Data Visualization, Modeling, and Mathematical Tools was conducted from May 15-24, 2023.





## Training for Mathematics Teachers at Lumbini Province

Nepal Mathematical Society with its Lumbini Province Committee jointly organized a nine-day *Training of Teachers at Lumbini Province* under the project:

Society to Society ( $S_2S$ ): Strengthening Mathematics Education in Nepal with partial support by Nick Simons Foundation, USA. The training was based on the  $S_2S$  training manual as a pilot program for provincial training. The training was conducted in virtual mode from Ashad 1-5, 2080 as well as in physical presence from Ashad 7-9, 2080 in Butwal.



The inaugural session of the online mode was chaired by the NMS President Prof. Dr. Narayan Prasad Pahari, and Co-chaired by the NMS Lumbini Province Committee President Mr. Gopal Acharya. One of the project coordinators and NMS Secretary Dr. Parameshwari Kattel facilitated the program. The other coordinator and NMS Vice-President Dr. Shree Ram Khadka welcomed the guests, facilitators, and participants.



Mr. Rameshwor Aryal (Vice-President, HISSAN Central Committee, Nepal) was the chief guest. The sessions in the physical mode were held at The SR Hotel, Tilottma, Rupandehi. In the opening session, Prof. Dr. Binod Dhakal, the Vice Chancellor of Lumbini Technical University was the chief guest. Prof. Dilaram Bhattarai, president of the Public Service Commission of Lumbini province was the Chief Guest for the closing session, and Prof. Dr. Chet Raj Bhatta (Former President of NMS), Prof. Dr. Prakash Muni Bajracharya, HISSAN Central Committee Vice-President Mr. Loknath Upadhaya appreciated the program. A total of 59 participants from the 11 districts of Lumbini Province and 25 facilitators were involved in the training with 55 hours' duration. The training sessions are listed below.



### Virtual Mode

#### Program: Day 1 (Ashad 1, 2080)

##### Inaugural Session

Workshop-1 (Effective Teaching Strategy)	Dr. Bed Raj Acharya
Workshop-2 (Project-Based Learning)	Dr. Santosh Ghimire
Workshop-3 (Geometry)	Mr. Khagendra Raj Baral
Workshop-4 (Algebra)	Prof. Dr. Prakash Muni Bajracharya

#### Program: Day 2 (Ashadh 2, 2080)

Workshop-5 (Presentation Skills)	Dr. Hari Nandan Nath
Workshop-6 (Arithmetic and Combinatorics)	Dr. Iswar Mani Adhikari
Workshop-7 (Trigonometry)	Mr. Bishnu Kumar Shrestha
Workshop-8 (Algebra)	Prof. Dr. Prakash Muni Bajracharya
Workshop-9 (Geometry)	Ms. Tej Kumari Acharya
Workshop-10 (Use of ICT)	Mr. Ghanshyam Adhikari

#### Program: Day 3 (Ashadh 3, 2080)

Workshop-11 (Algebra)	Mr. Dhruva Raj Paudyal
Workshop-12 (Arithmetic and Combinatorics)	Mr. Bhadra Raj Tripathi
Workshop-13 (Geometry)	Mr. Khagendra Raj Baral

#### Program: Day 4 (Ashadh 4, 2080)

Workshop-14 (Geometry)	Mr. Harsh Bahadur Chand
Workshop-15 (Language in Mathematics)	Mr. Pitamber Tiwari
Workshop-16 (Calculus)	Dr. Durga Jang KC

#### Program: Day 5 (Ashadh 5, 2080)

Workshop-17 (Trigonometry)	Mr. Parashuram Chaudhary
Workshop-18 (Effective Teaching Strategy)	Ms. Susmita Pathak
Workshop-19 (Calculus)	Dr. Ram Lakhan Shah

### Physical Mode at Butwal

#### Program: Day 6 (Ashadh 7, 2080)

Welcome in Physical Mode/Review/Further Orientations





Workshop-20 (*Use of ICT*) Dr. Jeevan Kafle

Workshop-21

(*Arithmetic and Combinatorics*) Mr. Tek Bahadur Budhathoki

Workshop-22

(*Opportunities in Mathematics*) Mr. Shesraj Kumar Sharma

Workshop-23

(*Opportunities in Mathematics*) Prof. Dr. Chet Raj Bhatta

Workshop-25

(*Project-Based Learning*) Mr. Deepak Gnawali

Workshop-26 (*Trigonometry*) Dr. Shree Ram Khadka

### Program: Day 7 (Ashadh 8, 2080)

Workshop-27 (*Geometry*) Dr. Parameshwari Kattel

Workshop-29 (*Algebra*) Prof. Dr. Prakash Muni Bajracharya

Workshop-28 (*Calculus*) Mr. Thaneshor Bhandari

Workshop-30 (*Algebra*) Mr. Shesraj Kumar Sharma

Workshop-31 (*Use of ICT*) Dr. Samir Shrestha

### Program: Day 8 (Ashadh 9, 2080)

Workshop-32 (*Algebra*) Mr. Gopal Prasad Acharya

Workshop-33 (*Geometry*) Dr. Parameshwari Kattel

Workshop-34 (*Trigonometry*) Dr. Shree Ram Khadka

Closing of the Physical Mode

### Program: Day-9

Workshop-35 Presentation and Discussion

## 45<sup>th</sup> General Assembly

The 45<sup>th</sup> General Assembly of Nepal Mathematical Society was held at the Central Department of Mathematics, Tribhuvan University, Kirtipur on Bhadra 16, 2080. It was presided over by the NMS President Prof. Narayan Prasad Pahari, The Chief guest was the former Vice Chancellor of Nepal Academy of Science and Technology Prof. Dr. Hom Nath Bhattarai expressed his commitment to joining hands in the activities of the society. The Secretary Dr. Parameshwari Kattel highlighted different activities of NMS regarding the Progress Report, and Income/Expenditure Reports of the Fiscal year 2079/080. The reports presented by the Secretary were approved by the Assembly. There was a panel discussion on *Undergraduate Mathematics Curriculum in Present Context*. The panel discussion was facilitated by Dr. Kattel, and the panelists were Prof. Dr. Tanka Nath Dhamala (HoD, CDM-TU), Prof. Dr. Chet Raj Bhatta (Former President, NMS), Prof. Dr. Ekaratna Acharya, Dr. Ananda Panta (Head of Department



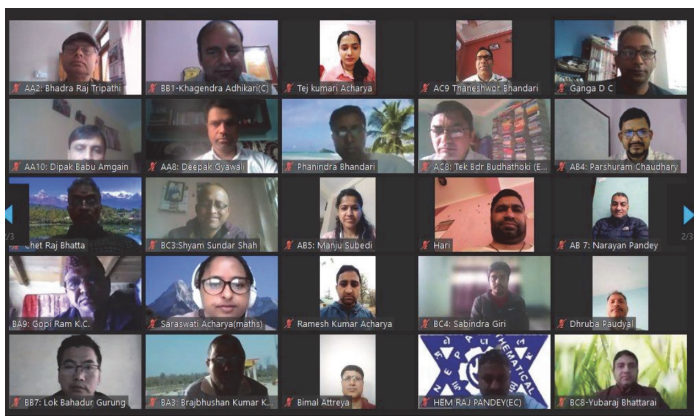
of Mathematics, Tri-Chandra Campus), and Assoc. Prof. Dhana Kumari Thapa (President, WoNiMS). Prof. Dr. Bhadra Man Tuladhar, Prof. Dr. Gyan Bahadur Thapa, Prof. Dr. Pushpa Raj Adhikari, and Prof. Sharada Shrestha also expressed their opinions during the discussion.



## Training of Trainers (ToT) at Kathmandu

NMS organized the *Training of Trainers* (ToT) under the project *Society to Society (S<sub>2</sub>S): Strengthening Mathematics Education in Nepal* supported by Nick Simons Foundation, USA during Asoj 13-24, 2080 (Virtual Mode) and Asoj 26-29, 2080 (Physical Mode). On Ashwin 13, Mr. Chudamani Paudel (Director General, CEHRD) inaugurated the program as the Chief guest. The session was chaired by Prof. Dr. Narayan Prasad Pahari, the President of NMS, and facilitated by Dr. Parameshwari Kattel, the NMS Secretary. The Vice-President Dr. Shree Ram Khadka put the welcome remarks along with the objectives of the project. Dr. Jeevan Kafle





(EC Member and the Coordinator of the Workshop and Talk Series Subcommittee) highlighted the program.

The Special guest Dr. Archana Amatya (Executive Director, Nick Simons Institute, Nepal) expressed her opinion regarding the present role of NMS for the promotion and popularization of Mathematics at the school and university levels. Besides strengthening the excellence in core contents of mathematics from Grades IX to XII, the training also focused on breaking preconceived ideas and removing misconceptions in students, developing mathematical language and writing skills, etc.), pedagogy, and project-based learning, mathematics teaching using ICT and tackling multiple choice questions (MCQs) in mathematics. This produced 50 ToTs from all seven provinces. More than 45 university and school faculties facilitated the 73 workshops with 120 hours of duration in both Virtual and Physical modes.

The physical mode was conducted at the Hotel Pauwa, Kathmandu. The workshop series included the following facilitators with their respective topics.



## Virtual Mode

### Program: Day-1 (Asoj 13, 2080)

#### Inaugural Session

#### Workshop-1

(*Effective Teaching Strategy*) Dr. Bed Raj Acharya

Workshop-2 (*Geometry*) Mr. Khagendra Raj Baral

#### Workshop-3

(*Arithmetic and Combinatorics*) Dr. Iswar Mani Adhikari

#### Workshop-4

(*Language & Presentation Skills*) Dr. Hari Nandan Nath

Workshop-5 (*Use of ICT*) Dr. Saraswati Acharya

### Program: Day-2 (Asoj 14, 2080)

#### Workshop-6

(*Project-Based Learning*) Dr. Santosh Ghimire

#### Workshop-7

(*Language & Presentation Skills*) Dr. Hari Nandan Nath

#### Workshop-8

(*ICT in Mathematics*) Dr. Jeevan Kafle

### Program: Day-3 (Asoj 15, 2080)

Workshop-9 (*Trigonometry*) Dr. Shree Ram Khadka

#### Workshop-10

(*Opportunities in Mathematics*) Prof. Dr. Chet Raj Bhatta

#### Workshop-11

(*ICT in Mathematics*) Mr. Ghanashyam Adhikari

### Program: Day-4 (Asoj 16, 2080)

Workshop-12 (*Geometry*) Mr. Khagendra Raj Baral

Workshop-13 (*Algebra*) Prof. Dr. Prakash Muni Bajracharya

#### Workshop-14

(*Project-Based Learning*) Dr. Santosh Ghimire

### Program: Day-5 (Asoj 17, 2080)

Workshop-15 (*Calculus*) Mr. Arun Bhandary

Workshop-18 (*Calculus*) Dr. Durga Jang KC

#### Workshop-17

(*ICT in Mathematics*) Dr. Samir Shrestha

### Program: Day-6 (Asoj 18, 2080)

Workshop-18 (*Trigonometry*) Mr. Bishnu Kumar Shrestha

Workshop-19 (*Calculus*) Prof. Dr. Narayan Prasad Pahari

#### Workshop-20

(*ICT in Mathematics*) Dr. Saraswati Acharya

### Program: Day-7 (Asoj 19, 2080)

Workshop-21 (*Algebra*) Mr. Gopal Prasad Acharya

Workshop-22 (*Geometry*) Mr. Khagendra Raj Baral

#### Workshop-23

(*ICT in Mathematics*) Mr. Ghanashyam Adhikari

### Program: Day-8 (Asoj 20, 2080)

Workshop-24 (*Trigonometry*) Dr. Ganga Ram Phaijoo

Workshop-25 (*Geometry*) Dr. Parameshwari Kattel

#### Workshop-26

(*Project-Based Learning*) Mr. Deepak Gnawali

Workshop-27 (*Calculus*) Mr. Hari Prasad Gnawali

#### Workshop-28

(*ICT in Mathematics*) Dr. Samir Shrestha

#### Workshop-29

(*ICT in Mathematics*) Mr. Ghanashyam Adhikari

### Program: Day-9 (Asoj 21, 2080)

Workshop-30 (*Geometry*) Mr. Harsh Bahadur Chand

#### Workshop-31

(*Arithmetic and Combinatorics*) Dr. Phanindra Prasad Bhandari

Workshop-32 (*Use of ICT*) Dr. Jeevan Kafle



### Program: Day-10 (Asoj 22, 2080)

Workshop-33 (Use of ICT) Dr. Saraswati Acharya  
 Workshop-34 (Effective Teaching Strategy) Ms. Susmita Pathak  
 Workshop-35 (ICT in Mathematics) Dr. Samir Shrestha

### Program: Day-11 (Asoj 22, 2080)

Workshop-36 Presentation and Discussion of Independent Areas

### Physical Mode

Venue: Hotel Pauwa, Gaushala, Kathmandu

### Program: Day-12 (Asoj 26, 2080)

Welcome in Physical Mode/Review/Further Orientation

Workshop-37 (Trigonometry) Dr. Shree Ram Khadka  
 Workshop-38 (Algebra) Prof. Dr. Prakash Muni Bajracharya  
 Workshop-39 (Calculus) Dr. Durga Jang KC  
 Workshop-40 (Geometry) Dr. Parameshwari Kattel  
 Workshop-41 (Trigonometry) Dr. Ganga Ram Phaijoo  
 Workshop-42 (Algebra) Prof. Dr. Prakash Muni Bajracharya  
 Workshop-43 (Arithmetic and Combinatorics) Mr. Tek Bahadur Budhathoki  
 Workshop-44 (Geometry) Dr. Parameshwari Kattel  
 Workshop-45 (Calculus) Prof. Dr. Narayan Prasad Pahari  
 Workshop-46 (Algebra) Prof. Dr. Prakash Muni Bajracharya  
 Workshop-47 (Arithmetic and Combinatorics) Dr. Phanindra Prasad Bhandari  
 Workshop-48 (Geometry) Dr. Parameshwari Kattel

### Program: Day-13 (Asoj 27, 2080)

Workshop-49 (Calculus) Mr. Hari Prasad Gnawali  
 Workshop-50 (Geometry) Dr. Parameshwari Kattel  
 Workshop-51 (Trigonometry) Dr. Ganga Ram Phaijoo  
 Workshop-52 (Geometry) Dr. Puskar Raj Pokharel  
 Workshop-53 (Calculus) Mr. Arun Bhandari  
 Workshop-54 (Geometry) Dr. Parameshwari Kattel  
 Workshop-55 (Calculus) Prof. Dr. Naryan Pahari Pahari  
 Workshop-56 (Geometry) Mr. Subash Chandra Jha

### Program: Day-14 (Asoj 28, 2080)

Workshop-57 (Calculus) Dr. DJ KC, Dr. S Ghimire, Mr. A Bhandari  
 Workshop-58 (Algebra) Dr. Bishnu Hari Subedi  
 Workshop-59 (Calculus) Dr. DJ KC, Dr. S Ghimire, Mr. A Bhandari

Workshop-60 (Algebra) Prof. Dr. Prakash Muni Bajracharya  
 Workshop-61 (Calculus) Dr. Santosh Ghimire  
 Workshop-62 (Algebra) Dr. Ramesh Chandra Timsina  
 Workshop-63 (Calculus) Prof. Dr. Narayan Prasad Pahari  
 Workshop-64 (Geometry) Dr. Puskar Raj Pokharel  
 Workshop-65 (Use of ICT) Dr. Saraswati Acharya  
 Workshop-66 (Use of ICT) Dr. Samir Shrestha

### Program: Day-15 (Asoj 29, 2080)

Workshop-67 (Trigonometry) Mr. Bishnu Kumar Shrestha  
 Workshop-68 (Algebra) Dr. Ramesh Chandra Timsina  
 Workshop-69 (Trigonometry) Dr. Shree Ram Khadka  
 Workshop-70 (Algebra) Prof. Dr. Prakash Muni Bajracharya  
 Workshop-71 (Arithmetic and Combinatorics) Dr. Phanindra Prasad Bhandari  
 Workshop-72 (Geometry) Dr. Parameshwari Kattel  
 Closing Ceremony

### Program: Day-16

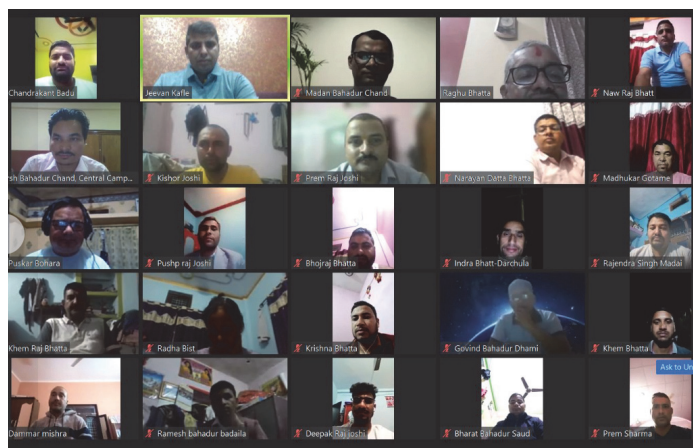
Workshop-73 Presentation and Discussion of Core Contents

## Training for Mathematics Teachers at Dhangadhi, Sudurpaschim Province

Nepal Mathematical Society with its Sudurpaschhim Province Committee jointly organized a ten-day Training of Teachers at Sudurpaschhim Province under the *Society to Society (S<sub>2</sub>S) Project: Strengthening Mathematics Education in Nepal*, partially supported by Nick Simons Foundation, USA. The training was conducted in virtual mode during Kartik 15-19, as well as in physical presence during Kartik 22-24, 2080 in Dhangadhi, and then on 13 and 14 Mangsir, as the online presentations of the participants.

The inaugural session of the online mode was chaired by Prof. Dr. Narayan Prasad Pahari, President, Nepal Mathematical Society, Co-chaired by NMS Sudurpaschhim Province President Mr. Raghu Bir Bhatta, and conducted by Dr. Parameshwari Kattel, the Secretary of NMS. Dr. Shree Ram Khadka (Vice-president NMS) welcomed the participants and guests. Dr. Hari Prasad Lamsal (Joint Secretary, Ministry of Education, Science and Technology, Nepal Government) was the chief guest.

The physical mode was held in Hotel Pauwa Dhangadhi. The chief secretary of the province government had been the chief guest and Mr. Gopal Hamal (Mayor, Dhangadhi







(Effective Teaching Strategy) Dr. Bed Raj Acharya  
Workshop-9 (Calculus) Dr. Durga Jang KC

#### Program: Day-4 (Kartik 18, 2080)

Workshop-10 (Algebra)	Dr. Parameshwari Kattel
Workshop-11 (Algebra)	Dr. Bishnu Hari Subedi
Workshop-12 (Geometry)	Mr. Prem Gurung
Workshop-13 (Arithmetic and Combinatorics)	Mr. Dipak Babu Amgain
Workshop-14 (Geometry)	Mr. Harsh Bahadur Chand
Workshop-15 (Calculus)	Mr. Ramesh Kumar Acharya
Workshop-16 (Trigonometry)	Mr. Narayan Pandey
Workshop-17 (Algebra)	Mr. Nilam Kharel

#### Program: Day-5 (Kartik 19, 2080)

Workshop-18 (Algebra)	Mr. Abatar Subedi
Workshop-19 (Use of ICT)	Dr. Saraswati Acharya



Physical Mode at Dhangadhi

#### Program: Day-7 (Kartik 22, 2080)

Welcome in Physical Mode/Review/Further Orientation	
Workshop-20 (Calculus)	Prof. Dr. Narayan Prasad Pahari
Workshop-21 (Effective Teaching Strategy)	Mr. Puskar Singh Bohara
Workshop-22 (Calculus)	Mr. Hari Prasad Gnawali
Workshop-23 (Opportunities in Mathematics)	Prof. Dr. Chet Raj Bhatta
Workshop-24 (Arithmetic and Combinatorics)	Mr. Dev Raj Joshi
Workshop-25 (Use of ICT)	Mr. Hari Prasad Bhatta

#### Program: Day-8 (Kartik 23, 2080)

Submetropolitan) was the special guest of the opening ceremony of the physical mode. Prof. Dr. Choodamani Joshi was the chief guest at the closing ceremony. A total of 56 participants from all districts of Sudurpaschim Province and 31 facilitators were involved in the training conducted in thirty-five sessions with a total of 59 hours duration.

The program series is being facilitated by many prominent professors and researchers of the university including the teachers in colleges. The workshop series included the following facilitators with their respective topics.

#### Virtual Mode

##### Program: Day-1 (Ashadh 1, 2080)

Inaugural Session

Workshop-1

(Project-Based Learning)	Dr. Santosh Ghimire
Workshop-2 (Use of ICT)	Mr. Ghanashyam Adhikari

##### Program: Day-2 (Kartik 16, 2080)

Workshop-3 (Geometry)	Mr. Lok Bahadur Gurung
Workshop-4 (Language in Mathematics)	Dr. Hari Nandan Nath
Workshop-5 (Trigonometry)	Dr. Shree Ram Khadka
Workshop-6 (Use of ICT)	Mr. Brajbhushan Kushawaha

##### Program: Day-3 (Kartik 17, 2080)

Workshop-7 (Algebra)	Dr. Ramesh Chandra Timsina
Workshop-8	





#### Workshop-26

(Arithmetic and Combinatorics) Dr. Iswar Mani Adhikari

#### Workshop-27

(Arithmetic and Combinatorics) Dr. Phanindra Prasad Bhandari

#### Workshop-28

(Presentation Skills) Mr. Gyan Prasad Poudel

Workshop-29 (Trigonometry) Dr. Shree Ram Khadka

Workshop-30 (Trigonometry) Prof. Dr. Dharendra Thakur

Workshop-31 (Geometry) Mr. Harsh Bahadur Chand

#### Workshop-32

(Project-Based Learning) Mr. Raghu Bir Bhatta

#### Program: Day-9 (Kartik 24, 2080)

Workshop-33 (Algebra) Mr. Gopal Prasad Acharya

Workshop-34 (Geometry) Dr. Parameshwari Kattel

Workshop-35 (Calculus) Mr. Bishnu Prasad Bhandari

#### Closing Ceremony

### A Workshop on C Programming and Numerical Methods for Mathematics Faculty Members (WCNM-2080)

Nepal Mathematical Society (NMS) has successfully organized a *Workshop on C Programming and Numerical Methods for Mathematics Faculty Members (WCNM-2080)*, in collaboration with Nepal Academy of Science and Technology (NAST) and Thapathali Campus Tribhuvan University, which was held at Tribhuvan University, Institute of Engineering, Thapathali Campus, Kathmandu, during Paush 12-14 and 17-19, 2080 (Online), Paush 21-22, 2080 (Physical).

The inaugural session was chaired by the NMS president Prof. Dr. Narayan Prasad Pahari, Chief-Guest was Prof. Dr. Dilip Subba, Vice Chancellor, Nepal Academy of Science and Technology (NAST), and the special guest was Prof. Dr. Bhadra Man Tuladhar, Former President, of Nepal Mathematical Society. The welcome speech was delivered by the Vice-President of NMS Dr. Shree Ram Khadka. NMS secretary Dr. Parameshwari Kattel was the MC of the program. The EC member of NMS, Dr. Jeevan Kafle put his remarks regarding the procedure of the program. In the remarks, Prof. Dr. Dilip Subba, mentioned that NMS is one of the dynamic societies in Nepal. Similarly, the special guest Prof. Dr. Bhadra Man Tuladhar appreciated the past and ongoing activities NMS, and emphasized on the importance of the program.



The objectives of the training workshops were:

- To understand the C programming
- To lay a strong foundation to solve computational problems up to bachelor's level mathematics curriculum using C.
- To provide a refresher course for teachers C programming at the bachelor's level ( BA, BSc, BE, B Arch, BSc CSIT, BCA, BIM) mathematics and related curricula.
- To build up the capacity of mathematics faculty in Numerical Methods.



A team of experts from computer science and mathematics facilitated the theory and practical sessions with virtual and face-to-face modes. An examination was also conducted to evaluate the participants at the end of the program. The team of facilitators was as follows that included the Meqs and practicals in lab:

- Sarbin Sayami, Head of the Department, Central Department of CSIT, TU
- Aruna Chhatukuli, Thapathali Engineering Campus, IOE, TU





- Nawaraj Paudel, Central Department of CSIT, TU
- Dr. Puskar Raj Pokhrel, Pulchok Engineering Campus, IOE, TU
- Dr. Hari Nandan Nath, Bhaktapur Multiple Campus, TU
- Dr. Jeevan Kafle, Central Department of Mathematics, TU
- Gangaram DC, Central Department of Mathematics, TU
- Tek Bahadur Budhathoki, Thapathi Engineering Campus, IOE, TU

The participants were the faculty members being engaged in teaching at the bachelor's levels ( BA, BSc, BE, B Arch, BSc CSIT, BCA, BIM) mathematics in various universities of Nepal.



## Training for Mathematics Teachers at Madhesh Province

Nepal Mathematical Society (NMS) in collaboration with NMS Madhesh Province Committee conducted *Training of Teachers at Madhesh Province* under the Society to Society ( $S_2S$ ) Project: Strengthening Mathematics Education in Nepal, supported by Nick Simons Foundation, USA. The training was conducted in virtual mode during Falgun 20-22, 24-26, 28-29 as well as in physical presence during Chaitra 2-4 in Birganj Metropolitan



The online session was chaired by Prof. Dr. Narayan Prasad Pahari, President, Nepal Mathematical Society, and Co-chaired by NMS Madhesh Province Committee President Dr. Kripa Sindhu Prasad, and conducted by Dr. Iswar Mani Adhikari, the Joint Secretary of NMS. Prof. Dr. Keshar Jung Baral, the Vice-Chancellor of Tribhuvan University was the Chief guest, and Prof. Dr. Chet Raj

Bhatta, Head of the Central Department of Mathematics, Tribhuvan University was the special guest in virtual mode. In his inaugural address, Prof. Baral commended the NMS for conducting such important workshops that help the faculties to gain indepth knowledge in their subject area.

The physical mode was held in the Hotel Vishuwa, Birgunj. Mr. Rajesh Man Singh, Mayor of Birgunj Metropolitan was the chief guest in the physical mode.

A total of 50 participants from 10 districts of Madhesh Province were involved in the training where 48 workshop sessions were conducted with a total of 65 hours duration.

The program series was facilitated by 32 prominent professors and researchers of the university including the teachers in college. The workshop series included the following facilitators with their respective topics.

### Virtual Mode

#### Workshop-1

(*Project-Based Learning*) Dr. Santosh Ghimire

#### Workshop-2

(*Language in Mathematics*) Dr. Hari Nandan Nath

### Program: Day-2 (Falgun 21, 2080)

Workshop-3 (*Geometry*) Mr. Khagendra Raj Baral

Workshop-4 (*Trigonometry*) Dr. Shree Ram Khadka

#### Workshop-5

(*Use of ICT in Mathematics*) Mr. Ghanashyam Adhikari

### Program: Day-3 (Falgun 22, 2080)

Workshop-6 (*Algebra*) Dr. Ramesh Chandra Timsina

Workshop-7 (*Geometry*) Mr. Janta Raut

#### Workshop-8

(*Arithmetic and Combinatorics*) Dr. Iswar Mani Adhikari







#### Program: Day-4 (Falgun 24, 2080)

Workshop-9

(Effective Teaching Strategy) Dr. Bishnu Hari Subedi

Workshop-10 (Algebra) Prof. Dr. Prakash Muni Bajracharya

Workshop-11 (Trigonometry) Mrs. Pramila Kharel

Workshop-12

(Arithmetic and Combinatorics) Mr. Ganga Ram DC

#### Program: Day-5 (Falgun 25, 2080)

Workshop-13

(Presentation Skill) Mr. Sabindra Giri

Workshop-14 (Algebra) Dr. Kamalesh Kumar Lal Karna

Workshop-15

(Arithmetic and Combinatorics) Mr. Sunil Duwadi

Workshop-16 (Trigonometry) Mr. Ram Babu Baitha

#### Program: Day-6 (Falgun 26, 2080)

Workshop-17 (Trigonometry) Mr. Rajesh Raj Thapa

Workshop-18 (Presentation Skills) Dr. Sharmila Shrestha

Workshop-19 (Calculus) Mr. Binay Kumar Nirala

Workshop-20 (Algebra) Mr. Deepak Neupane

Workshop-21 (Algebra) Mr. Dola Raj Pandey

Workshop-22 (Geometry) Mr. Khagendra Baral

Workshop-23

(Computational Methods) Dr. Sushil Chandra Karna

Workshop-24 (Use of ICT) Dr. Samir Shrestha

#### Program: Day-7 (Falgun 28, 2080)

Workshop-25

(Project-Based Learning) Prof. Dr. Raju Ram Thapa

Workshop-26 (Use of ICT) Mr. Laxman Kunwar

Workshop-27

(Opportunities in Mathematics) Mr. Kumar Subedi

Workshop-28 (Use of ICT) Mr. Brajbhushan Kushwaha

#### Program: Day-8 (Falgun 28, 2080)

Workshop-29 (Calculus) Prof. Dr. Narayan Prasad Pahari

Workshop-30 (Geometry) Mr. Hem Raj Pandey

Workshop-31 (Algebra) Mr. Tulasi Prasad Nepal

Workshop-32 (Geometry) Mr. Prem Gurung

#### Physical Mode at Birgunj

#### Program: Day-9 (Chaitra 2, 2080)

Welcome in Physical Mode/Review/Further Orientation

Workshop-33 (Calculus) Prof. Dr. Narayan Prasad Pahari

Workshop-34

(Arithmetic and Combinatorics) Dr. Phanindra Prasad Bhandari

Workshop-35 (Trigonometry) Dr. Shree Ram Khadka

Workshop-36 (Calculus) Mr. Hari Prasad Gnawali

Workshop-37

(Opportunities in Mathematics) Prof. Dr. Chet Raj Bhatta

Workshop-38 (Use of ICT) Mr. Laxman Kunwar

Workshop-39 (Trigonometry) Dr. Ganga Ram Phaijoo

#### Program: Day-10 (Chaitra 3, 2080)

Workshop-40 (Calculus) Dr. Ram Lakhan Sah

Workshop-41 (Geometry) Dr. Puskar Raj Pokharel

Workshop-42 (Algebra) Prof. Dr. Prakash Muni Bajracharya

Workshop-43

(Arithmetic and Combinatorics) Mr. Tek Bahadur Budhathoki

Workshop-44 (Calculus) Dr. Durga Jang KC

Workshop-45 (Geometry) Dr. Parameshwari Kattel

#### Program: Day-11 (Chaitra 4, 2080)

Workshop-46 (Calculus) Mr. Subash Jha

Workshop-47 (Geometry) Mr. Hem Raj Pandey

Workshop-48 (Calculus) Mr. Bishnu Prasad Bhandari

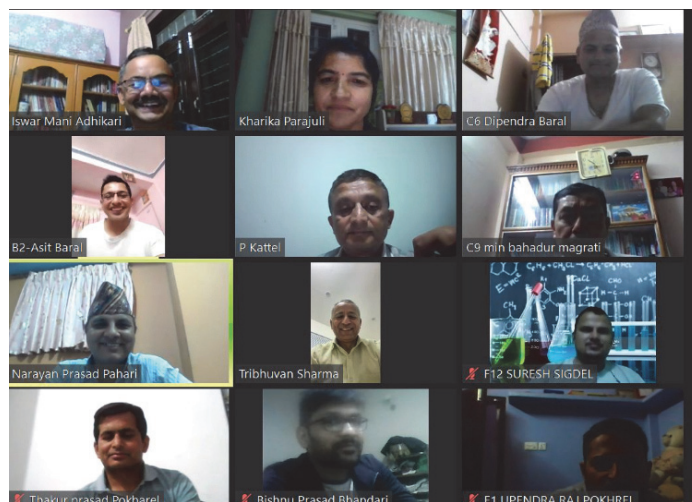
#### Closing Ceremony

#### Training for Mathematics Teachers at Gandaki Province

Nepal Mathematical Society (NMS) in collaboration with NMS Gandaki Province Committee conducted *Training of Mathematics Teachers at Gandaki Province* under the Society to Society ( $S_2S$ ) Project: Strengthening Mathematics Education in Nepal, supported by Nick Simons Foundation, USA. The training was conducted in virtual mode during Chaitra 14-15, 18-20, and 22-24 as well as in physical presence during Chaitra 28-30, 2080 in Pokhara Metropolitan.

The inaugural session of the online mode was chaired by Prof. Dr. Narayan Prasad Pahari, President, Nepal Mathematical Society, Co-chaired by NMS Gandaki Province Committee President Dr. Tribhuvan Sharma, and conducted by Dr. Parameshwari Kattel, the Secretary of NMS.

Mr. Shyam Krishna Thapa, Chief Administrative Officer, Pokhara Metropolitan was the chief guest, and Prof. Dr. Chet Raj Bhatta, Head, Central Department of Mathematics,







Tribhuvan University was the special guest in virtual mode. The physical mode was held in Hotel Pauwa, Pokhara. Mr. Dhan Raj Acharya, Mayor of Pokhara Metropolitan was the chief guest in the physical mode. In both the modes, the NMS Vice-president Dr. Shree Ram Khadka highlighted the objectives in his welcome remarks. A total of 60 participants from 8 districts of Gandaki Province and 34 facilitators participated in the training with 45 workshops of 63 hours' duration.

The program series is being facilitated by many prominent professors and researchers of the university including the teachers in college. The workshop series included the following facilitators with their respective topics.

### Virtual Mode

#### Program: Day-1 (Chaitra 14, 2080)

- Workshop-1  
(*Language in Mathematics*) Dr. Hari Nandan Nath  
Workshop-2  
(*Use of ICT in Mathematics*) Mr. Ambik Baral

#### Program: Day-2 (Chaitra 15, 2080)

- Workshop-3  
(*Arithmetic and Combinatorics*) Dr. Phanindra Prasad Bhandari  
Workshop-4 (*Algebra*) Mr. Dhruva Paudel  
Workshop-5 (*Calculus*) Prof. Dr. Narayan Prasad Pahari

#### Program: Day-3 (Chaitra 18, 2080)

- Workshop-6 (*Algebra*) Dr. Jhavi Lal Ghimire  
Workshop-7  
(*Linear Programming*) Dr. Ram Chandra Dhungana

#### Program: Day-4 (Chaitra 19, 2080)

- Workshop-8 (*Trigonometry*) Dr. Shree Ram Khadka  
Workshop-9 (*Presentation Skills*) Mr. Gyan Prasad Paudel  
Workshop-10 (*Use of ICT*) Mr. Ghanashyam Adhikari

#### Program: Day-5 (Chaitra 20, 2080)

- Workshop-11 (*Trigonometry*) Dr. Ganga Ram Phaijoo  
Workshop-12  
(*Effective Teaching Strategy*) Dr. Kharika Parajuli  
Workshop-13 (*Geometry*) Mr. Khagendra Baral

#### Program: Day-6 (Chaitra 22, 2080)

- Workshop-14 (*Algebra*) Prof. Dr. Prakash Muni Bajarcharya  
Workshop-15 (*Geometry*) Lok Bahadur Gurung  
Workshop-16 (*Geometry*) Mr. Hem Raj Pandey

#### Program: Day-7 (Chaitra 23, 2080)

- Workshop-17 (*Algebra*) Mr. Bharat Raj Wagle  
Workshop-18 (*Use of ICT*) Mr. Hari Bhatta  
Workshop-19 (*Geometry*) Dr. Iswar Mani Adhikari  
Workshop-20 (*Geometry*) Mr. Prem Gurung

#### Program: Day-8 (Chaitra 24, 2080)

- Workshop-21  
(*Project-Based Learning*) Dr. Santosh Ghimire  
Workshop-22 (*Calculus*) Mr. Basanta Sharma  
Workshop-23 (*Calculus*) Dr. Ram Lakhan Sah  
Workshop-24 (*Algebra*) Mr. Bishwa Raj Adhikari  
Workshop-25  
(*Effective Teaching Strategy*) Dr. Bishnu Hari Subedi  
Workshop-26 (*Trigonometry*) Mr. Krishna Raj Aryal  
Workshop-27  
(*Arithmetic and Combinatorics*) Dr. Iswar Mani Adhikari  
Workshop-28 (*Use of ICT*) Dr. Samir Shrestha  
Workshop-29 (*Geometry*) Dr. Parameshwari Kattel

### Physical Mode at Pokhara

#### Program: Day-9 (Chaitra 28, 2080)

- Welcome in Physical Mode/Review/Further Orientation  
Workshop-30 (*Calculus*) Mr. Hari Prasad Gnawali  
Workshop-31 (*Algebra*) Prof. Dr. Prakash Muni Bajarcharya  
Workshop-32  
(*Arithmetic and Combinatorics*) Dr. Phanindra Prasad Bhandari  
Workshop-33  
(*Arithmetic and Combinatorics*) Mr. Bed Sharma  
Workshop-34 (*Geometry*) Mr. Khagendra Baral





### Program: Day-10 (Chaitra 29, 2080)

#### Workshop-35

(*Opportunities in Mathematics*) Dr. Tribhuvan Sharma Baral

Workshop-36 (*Calculus*) Mr. Bishnu Prasad Bhandari

#### Workshop-37

(*Project-Based Learning*) Mr. Bhadra Raj Tripathi

Workshop-38 (*Use of ICT*) Mr. Sthir Babu Subedi

Workshop-39 (*Calculus*) Prof. Dr. Narayan Prasad Pahari

Workshop-40 (*Calculus*) Mr. Ramesh Acharya

#### Workshop-41

(*Arithmetic and Combinatorics*) Dr. Iswar Mani Adhikari

Workshop-42 (*Calculus*) Dr. Durga Jang KC

### Program: Day-11 (Chaitra 30, 2080)

#### Workshop-43

(*Arithmetic and Combinatorics*) Mr. Tek Bahadur Budhathoki

Workshop-44 (*Geometry*) Dr. Parameshwari Kattel

Workshop-45 (*Trigonometry*) Dr. Shree Ram Khadka

### Closing Ceremony

### One-Day Colloquium Talk

Nepal Mathematical Society and Department of Applied Sciences, Thapathali Campus Tribhuvan University jointly organized a colloquium talk on September 27, 2023 at Thapathali Campus. Prof. Dr. Walter Lang and Prof. Dr. Klaus-Dieter Thoben from the University of Bremen, Germany, were the speakers who delivered talks on *Use of AI to protect food in transportation* and on *American and European education systems*, respectively.





### NMS Picnic at Sikali Chaur, Lalitpur.

NMS successfully organized a picnic at Panchwa Kitchen, Sikali Chaur, Lalitpur Metropolitan-21, Lalitpur on Falgun 19, 2080. Around 180 life members actively participated in the event. A nice interaction was held among mathematicians of different generations. Various types of cultural programs including a dance competition, Ghaito Phutaune, Musical Chair, etc. were held on the occasion.



### Celebration of International Mathematics Day (Pi Day)

NMS celebrated *International Mathematics Day (Pi Day)* via online on 13<sup>th</sup> March 2024 in collaboration with the Central Department of Mathematics (CDM) Tribhuvan University Kirtipur with the theme—*Playing with Math*. Prof. Dr. Ajay Singh from CDM delivered a talk in the program. Pi Day was celebrated in all provinces by the NMS Province Committees.




Playing with Math

## NMS-CDM Talk Series-9


(Celebration of Pi Day)

### Some Aspects of Pie



**Facilitator**

**Prof. Dr. Ajaya Singh**  
Central Department of Mathematics  
Tribhuvan University



INTERNATIONAL DAY OF  
**MATHEMATICS**  
MARCH 14

Date: Tuesday, Falgun 30, 2080  
Time: 7:30 pm - 8:30 pm (Online)

Coordinated by  
Dr. Jeevan Kafle (9851114577,  
jeevan.kafle@cdmath.edu.np)

Jointly organized by Nepal Mathematical Society (NMS) and Central Department of Mathematics, TU



Publication of JNMS Volume 6(1)

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<https://www.nepjol.info/index.php/jnms/index>

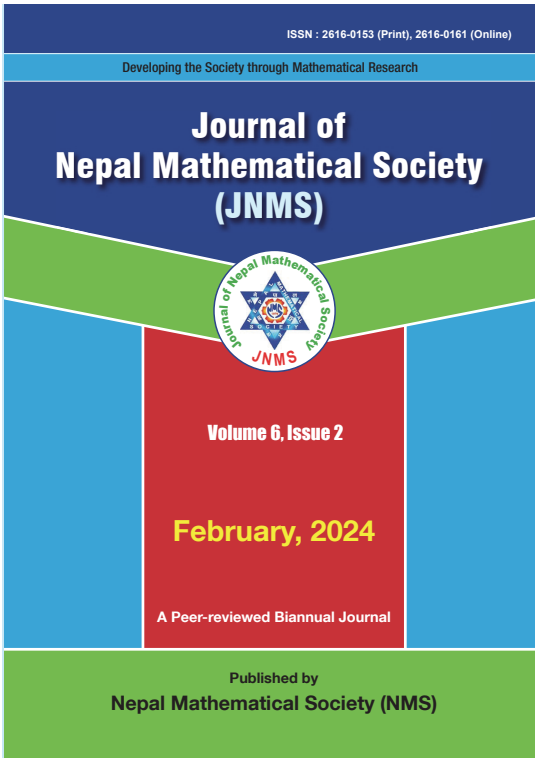


It consists of eight research articles in different fields of pure and applied mathematics. NMS acknowledges all the authors, editors and reviewers for their contributions to this issue.

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Publication of JNMS Volume 6(2)

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<https://nepjol.info/index.php/jnms/issue/view/3881>



It consists of nine research articles in different fields of pure and applied mathematics. NMS acknowledges all the authors, editors and reviewers for their contributions to this issue.

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## Mathematics In Street

NMS has conducted *Mathematics in Street Program* in Kathmandu Valley and in all seven provinces among the general public on Falgun 27, 2080 (March 10, 2024). This was an entertainment program in several streets of the country together with all province committees. This program was also conducted in several countries of the world on the same day and in more than a dozen places in Nepal. People from diverse fields - students, educationists, business persons, bureaucrats, etc. of different age groups were present and actively participated in the event. In Kathmandu valley, the program was conducted in four places: Bhaktapur, led by EC Members Dr. Phandindra Prasad Bhandari and Mr. Bishnu Prasad Bhandari; Kalanki led by the NMS President Prof. Dr. Narayan Prasad Pahari and EC Member Tek Bahadur Budhathoki; Bagbazar lead by NMS Secretary Dr. Parameshwari Kattel and EC member Dr. Jeevan Kafle; and Patandhoka led by NMS EC members Dr. Kamalesh Kumar Lal Karn and Mr. Hari Prasad Gnawali. Different mathematics teachers and students from schools, colleges, and universities were the volunteers in the program.



## NMS-ANMA Talk Series

This year also NMS is continually conducting the NMS-ANMA Talk Series via online mode jointly organized by the NMS and Association of Nepalese Mathematicians in America (ANMA).

### Talk Series-8

Dr. Jeevan Kafle, Assistant Professor, Central Department of Mathematics, Tribhuvan University, Nepal delivered a talk on *Advancements in Scientific Computing: Mathematical Modelling with Partial Differential Equations for Mass Transport* on Ashoj 20, 2080.



### Talk Series-9

Dr. Chudamani Poudyal, Assistant Professor, Department of Mathematical Sciences, University of Wisconsin-Milwaukee, USA delivered a talk on *Core Contents for Data Science in the Era of AI* on Mangsir 23, 2080.





## Talk Series-10

Prof. Dr. Kedar Nath Uprety, former Professor, Central Department of Mathematics, Tribhuvan University, Nepal delivered a talk on *Research in Mathematical Biology in Nepal* on 10 Chaitra, 2080.



## Talk Series-10

Dr.-Ing. Ingrid Rügge, Managing Director of International Graduate School (IGS), University of Bremen delivered a talk on *Internationalisation and Doctoral Training* on Chaitra 15, 2080.



## CDM-NMS Talk Series

This year, NMS is continually conducting the CDM-NMS talk series in the Central Department of Mathematics (CDM) Tribhuvan University premises jointly organized by the NMS and CDM.

### Talk Series-5

Dr. Jiwan Kshetry, delivered a talk on the topic *Beginning of Solar System to the End of Civilization* on Baisakh 17, 2080.



### Talk Series-6

Prof. Dr. Jun Hong Ha, from Korean University of Technology and Education delivered a talk on the topic *On Cracked Beams or Shallow Arches* on Ashad 27, 2080.



### Talk Series-7

Prof. Dr. Arjun Kumar Rathi from Rajasthan Technical University, India delivered a talk on the topic *Hypergeometric series and its applications* on Asoj 3, 2080.



### Talk Series-8

Prof. Dr. Shiva Prasad Pudasaini, Technical University of Munich, Germany delivered a talk on *Innovative Mechanical Solutions to Multiphase Massflows* on Falgun 29, 2080.



### Talk Series-9

Prof. Dr. Ajay Singh, Central Department of Mathematics, Tribhuvan University, Kirtipur delivered a talk on the topic entitled *Some Aspects of Pie* on Falgun 30, 2080 on the occasion of International Mathematics Day.



## Province Activities

### Activities of NMS Koshi Province

1. Successfully conducted the second general assembly on Poush 28, 2080 in Damak Multiple Campus, Damak, Jhapa. The program was chaired by NMS Koshi President, Dr. Manoj Kumar Raut, and conducted by secretary Kumar Subedi, chief guest of the program was NMS president Prof. Dr. Narayan Prasad Pahari. In the program, Prof. Dr. Raju Ram Thapa and Mr. Ajit Lal Das were honored for their contribution to both research and teaching in mathematics. From that assembly, following new Koshi Province Committee was elected.



President:	Dhak Bahadur Thapa
Vice-President:	Kumar Subedi
Secretary:	Badri Tamang
Joint Secretary:	Bikram Rai
Treasurer:	Ghanashyam Adhikari
Members:	Raj Kumar Dahal (Samir)
	Chudamani Bhattarai
	Tej Kumari Acharya
	Tanka Kafle
	Nar Bahadur Tamang
	Ramnath Pandit

#### Advisory Board:

Dr. Manoj Kumar Raut, Prof. Dr. Raju Ram Thapa, Dr. Suman Kumar Jha and Dr. Pawan Kumar Karn.





## 2. Formed different subcommittees as follows:

- Grants and Outer Relation Subcommittee (coordinator: Dhak Bahadur Thapa)
- Research and Publication Subcommittee (coordinator: Kumar Subedi)
- Information, Communication, Membership Update and Extension Subcommittee (coordinator: Badri Tamang)
- Curriculum and Extracurricular Subcommittee (coordinator: Bikram Rai)
- Talk Series, Workshop, Training and Financial Management Subcommittee (coordinator: Ghanashyam Adhikari).

## 3. Organized the *Mathematics in Street* program in the two cities of Koshi province, one in Dharan coordinated by Badri Tamang, and the other in Damak coordinated by Dhak Bahadur Thapa on March 10, 2023 at the scheduled time.



## 4. Celebrated *International Day of Mathematics & Pie Day* in the following different places in Koshi Province.

- a) In Mahendra Multiple Campus, Dharan jointly with the Department of Mathematics, MMC Dharan on March 14. In the program, Associate Professor Chandra Kumar Rai, Campus Chief was the Chief Guest and Associate Professor Ganesh Kumar Karki (Head of Department) was the chairperson. The program was conducted by Badri Tamang.
- b) In Singa Devi Secondary School Damak on March 14 coordinated by Mr. Ghanashyam Adhikari.
- c) In Damak Multiple Campus, Damak jointly with the Department of Mathematics, DMC Damak. Mathematics quiz among the students of DMC and one presentation on Pie Day by Mr Dhak Bahadur Thapa were conducted in the program.
- d) In Panchyat Secondary School Pathari with competitive inter-school Mathematics Model Construction and Demonstration on March 15. In the program, three presentations in different fields of mathematics were presented by Dhak Bahadur Thapa, Mr Ghanashyam Adhikari, and Tanka Kafle. In the program, 40 different groups instantly constructed and demonstrated the teaching models.

## B. Activities of NMS Madhesh Province

Successfully organized an 11-day (Virtual and Physical) rigorous workshop cum training program entitled *Training for Mathematics Teachers at Madhesh Province* under the Society to Society ( $S_2S$ ) Project during 2080-11-20 to 2080-12-04 as per the guidance of Nepal Mathematical Society Central Committee. This was partially supported by Nick Simons Foundation USA and has laid the foundation for strengthening mathematics teaching at the school level in Madhesh Province.



## C. Activities of NMS Bagmati Province

Celebrated *International Mathematics Day* and *Pie Day* in Valmiki Shiksha Sadan, Bharatpur Chitawan on March 14, 2024. The program was chaired by NMS Chapter President Assoc. Prof. Raja Ram Acharya and Chief Guest NMS President Prof. Dr. Narayan Prasad Pahari. The other personalities were NMS Vice President Dr. Shree Ram Khadka, Prof. Daya Ram Paudel, Prof. Dr. Prem Sagar Bhandari, and Prof. Dr. Harihar Paudyal. On the occasion a *One-Day Seminar Regarding Project Work and Experimental Class of XI and XII* was conducted.



## D. Activities of NMS Gandaki

1. Organized the *Mathematics in Street* program on Chaitra 27, 2080 at Pokhara-30 Khudi and many other streets in the Pokhara Valley.





program and enjoyed it a lot. The main aim of this program was to connect mathematics with real-life problems of common people and to popularize mathematics.



2. Organized *Training of Mathematics Teachers at Gandaki Province* under the Society to Society ( $S_2S$ ) Project jointly with Nepal Mathematical Society. It was conducted on Chaitra 14,15,18-20, 22-24 in virtual mode, and Chaitra 28-30 in physical mode. The training sessions were conducted for 62 hours divided into 46 workshops. There were 71 participants and 36 facilitators.



## F. Activities of NMS Sudurpashchim

1. Conducted a one-day interaction program on *Current Situation of Mathematics Education and its Challenges in School and University Level* on the occasion of International Mathematics Day on 14<sup>th</sup> March (2080-12-02).
2. Conducted a 5-day online and 3-day physical mode workshop on *Training of Mathematics Teachers at Sudurpashchim Province* from 2080 Kartik 15 to Kartik 19. 60 participants and 34 facilitators were involved in the workshop.



## E. Activities of NMS Lumbini

1. Organized an 8-day rigorous workshop cum training program entitled *Training for Mathematics Teachers at Lumbini Province* from 2080-03-01 to 2080-03-09 under the guidance of Nepal Mathematical Society Central Committee. This was the piloting of the second phase of  $S_2S$  and was supported by Nick Simons Foundation, USA and has laid the foundation for strengthening mathematics teaching at the school level in Lumbini province.



2. Organized *Mathematics in Street* program on Chaitra 27, 2080 (10<sup>th</sup> March 2024) at Yogikuti, Tilottma, Rupandehi, and many other streets in the Butwal. Almost all of the Province Committee members actively participated in the program. Students from different schools and common people in the street watched and played a part in the

3. Conducted a 2-day workshop on *Evaluation Tools Construction* for secondary school teachers during Magh 21 and 22, 2080. The NMS province committee president and other members were the facilitators and 30 participants from different schools participated in the program.
4. Conducted a one-day Project Work Writing Program for BSc students at Aishwarya Multiple Campus, Dhangadhi on Magh 5, 2080.
5. Conducted a one-day Secondary Level School Teachers Interaction Program on Specification Grid and Curriculum of Grades 11 and 12 at Chetan Mahendranagar Kanchanpur on Chaitra 24, 2080 and





at the Hotel Temple Resort Dhangadhi on Chaitra 25, 2080. 30 maths teachers from different schools were present in the program. Raghu Bir Bhatta and Harsh Bahadur Chand facilitated the program.



## G. Activities of NMS Karnali

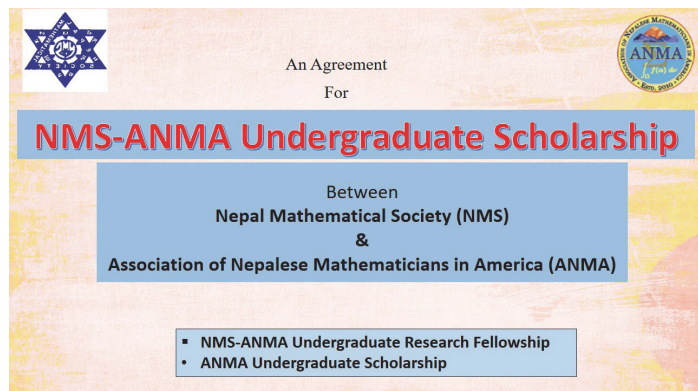
Conducted the general assembly of the Karnali Chapter on 27th Shrawan, 2080 at the Graduate School of Science and Technology, Surkhet. With a very excited presence and cheerful discussion, the following 11 membered committee was elected:



President: Mr. Gyan Prasad Paudel  
Vice-President: Mr. Mohan Bikram Malla  
Secretary: Mr. Dilli Kandel  
Joint Secretary: Mr. Madan Mahat  
Treasurer: Mr. Ribandra Adhikari  
Members: Mr. Hari Prasad Chalise  
Mr. Gopal Tiwari  
Mr. Deepak Kafle

## Establishment of NMS-ANMA Undergraduate Scholarship

Nepal Mathematical Society (NMS) and Association of Nepalese Mathematicians in America (ANMA) have made an agreement for *NMS-ANMA Undergraduate Scholarship* to provide support to undergraduate Mathematics students in Nepal who are taking major mathematics at Nepali universities. This scholarship has two categories: NMS-ANMA Undergraduate Research Fellowship and ANMA Undergraduate Scholarship.



## Establishment of Professor Hom Nath Bhattarai Research Award

Prof. Dr. Hom Nath Bhattarai established the award “Professor Hom Nath Bhattarai Research Award” of Rs. 10,00,000/- (Rs. Ten Lakhs) with a major financial contribution from Prof. Dr. Hom Nath Bhattarai and a partial contribution from Nepal Mathematical Society under the regulation of Nepal Mathematical Society. Prof. Bhattarai was the former president of Nepal Mathematical Society, faculty of the Central Department of Mathematics, Tribhuvan University, Former Member Secretary of the University Grants Commission, Nepal, and Former Vice Chancellor of Nepal Academy of Science and Technology (NAST). This award aims to provide to Nepali research scholars pursuing doctoral degrees from Nepalese Universities in the field of Mathematics and Mathematical Sciences.



## MoU Between Nepal Mathematical Society and Central Department of Mathematics

Nepal Mathematical Society (NMS) has formally signed an MOU with the Central Department of Mathematics (CDM) for the collaborative work for the popularization and promotion of teaching, training, and research activities in Mathematics and Mathematical Sciences in Nepal. NMS believes that both organizations together play a crucial role in shaping the future of Nepalese young mathematicians.





## Activities of NMS Life Members

### PhD Fellowship

The following Life Members of NMS have received the PhD Fellowship

1. Mr. Jayadev Nath, Mr. Bishwa Raj Adhikari, and Mr. Sachin Wagle from the *University Grants Commission*, Nepal.
2. Mr. Bishwa Raj Adhikari and Chudamani Pokharel under the program "Janashakti Bikash tatha Kalyan Karekram" from the Rector's Office, Tribhuvan University, Nepal.

### UGC MPhil Fellowship

The following Life Members of NMS from the Central Department of Mathematics, Tribhuvan University have received the MPhil Fellowship from the University Grants Commission, Nepal.

1. Prem Prakash Kafle
2. Rakesh Kumar Jha
3. Grishma Acharya
4. Biseswar Prashad Bhatt
5. Dharendra Pathak.

### Retirement(s)

1. Dr. **Choodamani Joshi** (Advisor of NMS, 2072), Professor from Siddhanath Science Campus, Tribhuvan University, Mahendranagar is retired on 2080-03-04.
2. Dr. **Raj Narayan Yadav** (Former EC Member NMS), Professor from Mahendra Morang Adarsh Multiple Campus, Tribhuvan University, Biratnagar is retired on 2080-03-08.
3. Mr. **Bishnu Prasad Upadhaya**, Associate Professor from Bhairahawa Multiple Campus, Tribhuvan University, is retired on 2080-11-05.

### New Responsibilities, Appointments, and Promotions

Nepal Mathematical Society congratulates the following Life Members for their new responsibilities, appointments, and promotions.

### New Responsibilities

1. **Prof. Dr. Chet Raj Bhatta**: Appointed as the Head of Department (HoD) at the Central Department of Mathematics, Tribhuvan University, Kirtipur, Nepal in 2080-10-24.
2. **Dr. Kabita Luitel**: Appointed as the Campus Chief of Bhaktapur Multiple Campus, Tribhuvan University, Bhaktapur, Nepal in 2080-2-21.
3. **Gopal Neupane**: Appointed as an Assistant Campus Chief of Amrit Campus, Tribhuvan University, Kathmandu, Nepal in 2080-10-05.

### New Appointments

1. Dr. Suresh Kumar Sahani and Mr. Dilip Kumar Yadab are appointed as Assistant Lecturer in Rajarshi Janak University in 2080-10-13.
2. Mr. Ram Janam Chaudhary is appointed as a Lecturer of Mathematics in Nepal Sanskrit University in Falgun 2080.

### Promoted to Full Professor of Mathematics:

- **Dr. Debendra Prasad Banjade**: Department of Mathematics and Statistics, Coastal Carolina University.
- **Dr. Dinesh Panthi, Dr. Krishna Kanta Parajuli, and Dr. Riddhi Jung Shah**: Nepal Sanskrit University in 2080-02-21.

### Promoted to Associate Professor of Mathematics:

**Anil Chandra Jha** and **Dhirendra Jha**: Nepal Sanskrit University in 2080 -8- 21.

### Award of MPhil Degree in Mathematics

Following life members of NMS have received MPhil degrees in mathematics from different universities. Nepal Mathematical Society congratulates them.

- **Mr. Puskar Singh Bohara**, from Kathmandu University in STEAM education.
- **Amrit Sharma, Shankar Pariyar, Nirmal Gurung, Samjhana Koirala, and Shantiram Adhikari** from Central Department of Mathematics, Tribhuvan University, Kirtipur, Kathmandu.

### Award of PhD Degree in Mathematics

Following Research scholars received PhD degrees in mathematics from different universities. Nepal Mathematical Society congratulates them.

#### Pawan Shrestha

With title *Regularity of 2D Surface Quasi Geostrophic Equations* from Central Department of Mathematics, IOST, Tribhuvan University.



#### Kabita Luitel

With title *Mathematical Models for Heat Transfer in Human Body* from Central Department of Mathematics, IOST, Tribhuvan University.



#### Jhavi Lal Ghimire

With title *A Study of Topological Structures of Linear Spaces of Generalized Sequences* from Central Department of Mathematics, IOST, Tribhuvan University.



#### Ananda Prasad Panta

With title *Mathematical Study of Some Queueing Models with their Applications in Mahabharata and Ramayana* from Nepal Sanskrit University, Nepal.



#### Ajay Kumar Chaudhary

With title *Some Common Fixed Point Results in Probabilistic Metric Space and its Applications* from Kathmandu University, Nepal.



#### Sharmila Shrestha

With title *Finite Element Approach to Study Temperature Distribution in Tumor-Embedded Breast Tissue Models* from Kathmandu University, Nepal.





### Gauri Bhujju

With title *Fuzzy Approach to Dynamical Study of Covid 19 and Dengue Disease* from Kathmandu University, Nepal



### Durga Prasad Khanal

With title *Multi-Commodity Dynamic Flow Problems with Intermediate Storage and Varying Transit Times* from Central Department of Mathematics, IOST, Tribhuvan University.



### Khagendra Adhikari

With title *Transmission Dynamics of Covid-19: Mathematical Models for Effective Controls* from Central Department of Mathematics, IOST, Tribhuvan University.



### Suresh Roy

With title *Some Sequence Spaces and Matrix Transformation with Vedic Relations* from Nepal Sanskrit University, Nepal.



### Shiva Prakash Gupta

With title *"Models and Algorithms for Flow Over Time Problems"* from Central Department of Mathematics, IOST, Tribhuvan University.



### Dr. Krishna Deo Yadav

With title *"Groups on Sets and Representation of Finite Groups"* from Bhupendra Narayan Mandal University, Madhepura, Bihar, India



## Research Grants

### 1. Dr. Shree Ram Khadka and Dr. Phanindra Prasad Bhandari

Dr. Shree Ram Khadka (Principal Investigator) and Dr. Phanindra Prasad Bhandari (Co-Investigator) for mini-research on the title *Evacuation Plan for Potential Victims of Jyotinagar Landslide at Butwal* from the University Grants Commission, Nepal, Award No. SRDIG-79/80-S&T-06.

### 2. Dr. Jeevan Kafle and Pushpa Nidhi Gautam

Dr. Jeevan Kafle (Principal Investigator) and Pushpa Nidhi Gautam (Co-Investigator) on the title *Mathematical Modeling of the Two-layer Blood Flow through a Curved Artery with Multiple Stenosis* from the University Grants Commission, Nepal, Award No. FRG-79/80-S&T-08. Date: 2080-01-06.

### 3. Shankar Pariyar and Dr. Jeevan Kafle

Mr. Shankar Pariyar (Principal Investigator) and Dr. Jeevan Kafle (Mentor of the project) on the title *Numerical Approaches for Solving Equations Involving Special Functions in Fractional Calculus* from the Institute of Science and Technology (IOST). Date of Award: 2080 - 05- 26.

### 4. Dr. Hari Nandan Nath

Dr. Hari Nandan Nath on the title *Flow Location*

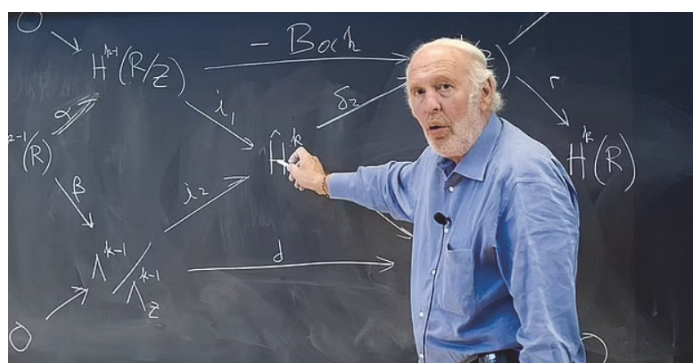
*Modeling without Size Restriction on Facilities* received Small Research and Development and Innovation Grants (SRDIG) 2079/80 from the University Grants Commission, Nepal.

## Academic International Visits

- Dr. Jhavi Lal Ghimire:** Three months research visit at SISSA, Italy, under a TWAS-SISSA-Lincei Research Cooperation Visits Programme supported by UNESCO-TWAS from September to November 2023.
- Niroj Dahal:** Participated and presented a paper at ATCM 2023, December 10-13 at Nongnooch Pattaya Garden and Resort, Pattaya, Thailand.
- Dr. Ajay Kumar Chaudhary:** (a) Invited speaker on the International Conference on Nonlinear Analysis and Applications (ICNAA 2024) at Pt. L. M. S. Campus, Sridev Suman Uttarakhand University, Uttarakhand, India (May 10-12, 2024). (b) On International Conference on Recent Advances in Applied Mathematics (RAAM 2024), July 03-05, 2024 at Department of Mathematical Sciences, IIT (BHU) Varanasi, India.
- Assoc. Prof. Dr. Puskar Raj Pokharel:** (a) Delivered a talk entitled *Multi-phase Simulation of Complex Laboratory Flows with Native Nepalese Supergrains* in 4th Badong International Geohazards Symposium (BIGS - 2023) August 25 -27, 2023, Badong Country, China. (b) Delivered a talk entitled *Multi-phase Simulation of Complex Laboratory Flows with Native Nepalese Supergrains* in The XIV Congress of the International Association for Engineering Geology and the Environment, 2023, September, 21 -27, Chengdu, China. (c) Delivered an invited talk entitled *Dynamic Analysis of Coupled Model of Mixture Mass Flow in "International Conference on Ocean Engineering Technology and Informatics (ICOETI)" 2023* from December 4 - 6 Universiti Malaysia Terengganu, Malaysia.
- Bhabani Lamsal:** Delivered a talk entitled *"Depth-Averaged Equations for Mixture Mass Flow Modeling on " International Conference on Ocean Engineering Technology and Informatics (ICOETI)" 2023, December 4 – 6 at Universiti Malaysia Terengganu, Malaysia.*

## Heartfelt Tribute to Dr. James H. Simons

Nepal Mathematical Society is deeply saddened by the sad news of passing of our honorary life member Dr. James H. Simons, the Founder chairperson of Simons Foundation, USA. He was a billionaire investor, mathematician, prominent philanthropist, Cold War code-breaker, and







**Dr. Krishna Bahadur Chand**, Associate Professor at Siddhanath Science Campus, Tribhuvan University, Mahendra Nagar. Demised Date: 2080-12-21.



## Upcoming Events

### ICMA-2024 @ Kathmandu

Nepal Mathematical Society (NMS), Central Department of Mathematics at Tribhuvan University and Department of Mathematics at Kathmandu University are jointly organizing the Second International Conference on Mathematics and Applications (ICMA-2024), in Kathmandu, Nepal, on December 13-15, 2024. Nepal Sanskrit University (NSU), Nepal, South Asian University (SAU), India and East China University of Technology, China are conference collaborators. The conference provides a forum for a diverse group of scientists in applications of mathematics to natural and health sciences, engineering, and finance. Specific areas include but are not limited to, differential equations, mathematical biology, computational mathematics, statistics and big data, analysis, topology, geometry, algebra, number theory, mathematics education, optimization, operations research, quantitative finance, biomedical science, biophysics, and public health. The conference aims to bring together research scholars from a variety of disciplines around the globe that have ample application in mathematics.

Link of the conference: <https://icma2024.nms.org.np/>

founder of Renaissance Technologies. He died at 86 on May 10, 2024.

Our heartfelt sympathy and thoughts are with his family. NMS extends hearty acknowledgement and special thanks to him for the support for the promotion and popularizing of Mathematics in Nepal. Nick Simons Foundation, USA has been supporting Nepal Mathematical Society by providing fellowships for deserving candidates of PhD, MPhil, and Master's level students in mathematics in Nepal. NMS has been organizing various activities like workshops, mathematics teacher training programs in the province (S<sub>2</sub>S Project), and travel support for students to participate in conferences with the financial support provided by the foundation.



His sharp intelligence, strong will, deep vision, and warm heart made him unique. He was a living legend and an inspiration for many Nepali Mathematicians. His legacy will live on for many years to come in the world.

Farewell dear Jim, may you rest in peace, and may your memory be our blessing.

## Condolences

NMS is deeply saddened by the passing of the following life members. Our heartfelt sympathy and thoughts are with their family. NMS extends hearty acknowledgement and special thanks for their dedication and support for the promotion and popularization Mathematics in Nepal.

**Dr. Pancha Dev Yadav**, Professor from Mahendra Bindeshwari Multiple Campus, Tribhuvan University, Rajbiraj. Demised Date: 2080-03-17.



Former President and Advisor of Nepal Mathematical Society **Prof. Dr. Bhadra Man Tuladhar**, Kathmandu University. Demised Date: 2080-11-30.





# ICMA 2024

## Second International Conference on Mathematics and Applications

December 13-15, 2024 (Mangsir 28-30, 2081 BS)  
Kathmandu, Nepal



**Plenary Speakers**

  
**Prof. Dr. Andrea Braidese**  
 University of Rome  
 Tor Vergata, Italy

  
**Prof. Dr. Neela Nataraj**  
 Indian Institute of Technology  
 Mumbai, India

  
**Prof. Dr. Asela K Kulatunga**  
 University of Peradeniya  
 Sri Lanka

  
**Prof. Dr. Stefan Nickl**  
 Karlsruhe Institute of Technology  
 Germany

  
**Prof. Dr. Dinesh G. Sarvate**  
 University of Charleston  
 USA

  
**Prof. Dr. V. P. Saxena**  
 Ex-Vice Chancellor  
 Jiwaji University, India



**Important Dates**

Registration Open:	April 14, 2024	(Baishakh 2, 2081 BS)
Abstract Submission Deadline:	November 1, 2024	(Kartik 16, 2081 BS)
Abstract Status Notification:	November 5, 2024	(Kartik 20, 2081 BS)
Registration Deadlines:	November 1, 2024	(Kartik 16, 2081 BS) <b>Early</b>
	November 25, 2024	(Mangsir 10, 2081 BS) <b>Late</b>

**Organized by**

- Nepal Mathematical Society
- Central Department of Mathematics  
Tribhuvan University, Nepal
- Department of Mathematics  
School of Science  
Kathmandu University, Nepal

**In Collaboration with**

- Nepal Sanskrit University, Nepal
- SAU South Asian University, India
- East China University of Technology, China

**Conference Chairs**

Prof. Dr. Chet Raj Bhatta, Prof. Dr. Narayan Prasad Pahari

**Conveners**

Prof. Dr. Dil Bahadur Gurung (db\_gurung@ku.edu.np)  
 Prof. Dr. Dinesh Panthi (dinesh.panthi@nsu.edu.np)  
 Dr. Jeevan Kafle (jeevan.kafle@cdmath.tu.edu.np)

**Steering Committee**

Prof. Dr. Dhruva Adhikari, Ms. Dhana Kumari Thapa  
 Prof. Dr. Gyan Bahadur Thapa, Dr. Hari Nandan Nath  
 Dr. Durga Jang KC, Dr. Bishnu Hari Subedi  
 Dr. Parameshwari Kattel, Dr. Saraswati Acharya  
 Dr. Iswar Mani Adhikari, Dr. Phanindra Prasad Bhandari

**Scientific Committee**

Coordinator: Dr. Shree Ram Khadka (shree.khadka@cdmath.tu.edu.np)

**Technical Committee**

Coordinator: Dr. Samir Shrestha (samirshrestha@ku.edu.np)



For more information  
<https://icma2024.nms.org.np/>

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## INTERVIEW

*Special focus should be given to build strong foundation of mathematics at grassroot level and create job opportunities.*

**Prof. Dr. Kedar Nath Uprety**

Parents: Ram Prasad Uprety (Father)  
and Ratna Shova Uprety (Mother)

Birth Place: Namdu 6, Baileshwor, Dolkha

Date of Birth: (Shrawan 1, 2016 BS)



*Dr. Kedar Nath Uprety is one of the well-known mathematicians of Nepal. He received his PhD in Applied Mathematics from the Technical University of Vienna, Austria, in 1996 and served as a Mathematics Faculty at Tribhuvan University from 1987 to 2022. He was the Head of the Department (HoD) of the Central Department of Mathematics, Tribhuvan University, from BS 2070-08-21 to 2074-10-04 and 2074-12-27 to 2076-10-01. Prof. Uprety has been actively involved in supervising PhD students and has published books and research papers in highly impactful journals. After his SLC in 2032, he started teaching career from Baileshwor Madhyamik Vidyalaya. After his Master's in Mathematics, he continued his teaching career at Kathmandu Valley Campus (Now, Kathmandu University) in 2044, and joined Tri-Chandra Multiple Campus as an Assistant Lecturer in 2049 BS. He has made several professional visits abroad participating in various conferences and seminars/workshops. He is closely associated with the Association of Nepalese Mathematicians in America (ANMA) activities in Nepal. He served as a Convenor in "Conference on Non-linear System and Summer School", Kathmandu Nepal on June 3-17, 2013 with Professor Harihar Khanal and Professor Dhruba Adhikari, and other ANMA friends. He was a Convenor in "International Conference on Application of Mathematics to Non-linear Sciences". He also served as the convenor of the "Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019)". Mr. Ramesh Gautam, former EC Member of Nepal Mathematical Society, interviewed Dr. Uprety to obtain insight into his academic journey and future plans as the founder president of the Mathematical Biology Research Centre, MBRC, Nepal.*

### **Q: Would you share with us about your interest in mathematics at the school level and study life from school up to master level in mathematics?**

- My childhood education began with the 'Pahila Kitab,' given to me by Kancha dai, who lived with us as a helper. The book covered English alphabets, Roman Letters for Nepali including Saraswati Bandana, Numbers, Tables, and general knowledge. When I was in class one, I was able to memorize the multiplication table up to 20, though I found a table of numbers like 11, 13, 15, 17, and 19 particularly challenging. I was first up to class five and consistently maintained within the top three ranks in my school. In our time, optional mathematics started in grade 8, and while I enjoyed trigonometry, I struggled with height and distance, and dynamics problems. I completed my School Leaving Certificate (SLC) in BS 2032, followed by my Intermediate in Science (ISc) from Amrit Campus and my Bachelor of Science (BSc) from Tri-Chandra Multiple Campus, Tribhuvan University. My studies covered smallpox introduction of its vaccine by Edward Jenner in the book Pioneer of Progress, and the History of Nepali Kings, including the Rare James of Nepal, Wonder Book, Poetry Selection, and Pose Selection.

### **Q: How did you get the opportunity for PhD study at Technical University Viena? Could you please share the best and worst times during the PhD Journey?**

- After completing my master's degree, I wrote letters many times to many Universities for further studies. Usually, I used to receive replies from some of the Universities in my post box. Finally, I had the opportunity to connect with Professor Christian Schmeiser from Technical University, Vienna, Austria, with the help of

Prof. Vikash Satyal. At that time, I corresponded with him by sending letters, and I had to wait for about six months to receive a reply. Professor Schmeiser accepted me and I received a scholarship from OEAD. It was a real challenge to transition from my level of mathematics to the world of frontline research. During my PhD, I faced difficulties working on FORTARN-77 and even suffered from fever while striving to obtain results. The toughest times were when I struggled with programming, but the best moments came when we finally got results. In our university, for the requirement of PhD course completion, seminar presentations in front of high-level mathematicians was the condition for receiving a PhD. I completed my PhD within three years.

### **Q: Would you share with us your experiences as the Head of the Central Department of Mathematics?**

- During my tenure as the Head of the Department, I consistently placed trust in teamwork and ensured that all faculty and staff were involved in the decision-making process. Just like the head of a family, I smoothly managed the Department without encountering significant issues. The main focal point of my tenure was to maintain the academic and physical hygiene of the Department. Due to financial constraints, it was not easy to interact Central Department of Mathematics and other Departments of the University. In critical challenges, I remained unwavering in my commitment to maintaining the standard of teaching and research at a respected level.

### **Q: Would you share with us about your experiences during your time as NMS Secretary? What are your**



### expectations from the NMS activities in the coming days?

- I had the opportunity to serve as the Secretary of Nepal Mathematical Society during the presidency of Prof. Hom Nath Bhattarai. One of our notable initiatives during our tenure was the beginning of the monthly (last Friday) talk program in Padma Kanya Campus, which is well-documented in the records of the NMS. Despite facing resource constraints for conducting these regular talks, I personally carried a projector of the Department and my laptop. Reflecting on the current activities of the Mathematical Society, while the promotion of mathematics is commendable, I strongly believe that we should focus on building a strong foundation of mathematics at the grassroots level.

### Q: How do you balance teaching, research, and family life? What is the secret behind being active in retired time?

- Indeed, at the time of enrolling in my PhD program, my young daughter was just 10 months old. I owe my current position to the unwavering support of my family, particularly my wife, who took on all responsibilities during that time. Without her continuous support, all these would have been impossible. Continuous study of research articles in the area of interest may help identify research problems. Completion of a PhD is just the beginning of research and continuity of research is important.

### Q: As the founder President of the Mathematical Biology Research Center, MBRC, Nepal, could you please share the objective of the center and plans to contribute to teaching and research in Nepal?

- I am delighted to introduce myself as the founder president of the Mathematical Biology Research Centre (MBRC) in Nepal. Together with Professor Naveen Kumar Vaidya and our dedicated PhD students, who are also faculty members at Tribhuvan University, we have conducted successful research that has motivated

us to engage with policymakers. The MoU among Nepal Health and Research Council (NHRC), Central Department of Mathematics, TU, and San Diego State University, USA, by our initiation. We have organized workshops to disseminate our findings. Our research spans various areas, including COVID-19, Malaria, Measles, and Dengue, using between-host and in-host modeling. We are committed to disseminating research through workshops and training sessions to encourage the research. Furthermore, we are actively working towards offering scholarships to motivate and empower young students to pursue research and planning to organize an International Conference in 2025, June.

### Q: As an active researcher of mathematics, how do you motivate young students in research?

- Our area of interest lies in mathematically approximating real-world problems. In this pursuit, we find systems of ordinary and partial differential equations to be highly useful, depending on the nature of the problems. Since many real-world problems are nonlinear, one widely applicable approach is to linearize the system at equilibrium to understand the behavior of the solution in its vicinity. Recently, researchers have actively engaged in research at an international level and published their works in reputed journals. To those who have enthusiasm to pursue their research, I want to emphasize that it is indeed possible in Nepal.

### Q: It is a reality that the enrollment of students in mathematics is declining day by day in universities. How is possible to improve the situation?


- One of the primary reasons for the decline in the number of students pursuing mathematics is the lack of job opportunities after completion of their degree. Compared to other SAARC countries, our facilities are minimal. With wide job opportunities offering reasonable salaries after obtaining the degree, we can inspire students to pursue mathematics with greater enthusiasm.

*Heartily Congratulations & Best Wishes to*

**NEPAL MATHEMATICAL SOCIETY**

on the special occasion of its

*46<sup>th</sup> Anniversary*



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**NEPAL MATHEMATICAL SOCIETY**

on the special occasion of its

*46<sup>th</sup> Anniversary*



**Central Department of Mathematics**  
**Tribhuvan University, Kirtipur**  
Tel: 01-4331977



## Short Biography



**Prof. Sharada Shrestha**

### Family

Prof. Sharada Shrestha was born in May 1959 in Lalitpur District. Her father, Late Prem Lal Shrestha, was an officer at the Home Ministry and her mother is a housewife. Her husband is a Civil Engineer who worked at the Narayanhiti Palace during the time of the Late King Birendra Bir Bikram Shah Dev. She has one daughter, who is a writer and researcher. Prof. Shrestha lives with her husband and daughter in Lalitpur.

### Education

Prof. Shrestha passed the School Leaving Certificate (SLC) from Aadarsha Kanya Girls High School, Lalitpur in 1977, Certificate Level in Science (ISc) in 1979, and Bachelor Level in Science (BSc) in 1981 from Amrit Science Campus. She received her Master's Degree in Mathematics (MSc) from the Central Department of Mathematics (CDM), Tribhuvan University in 1984. She was a DAAD Scholarship recipient and studied Postgraduate in Industrial Mathematics at the University of Kaiserslautern, Germany in 1997. She also completed a Junior Diploma in Sitar from Prayag Sangeet Samiti, Allahabad, India in 2003.

### Academic Service

Prof. Shrestha began her academic service as a teacher in a government school. She taught at Shree Shanti Vidyashram High School from 1982 to 1992. In 1985, she was appointed as an Assistant Lecturer at Trichandra Multiple Campus (TC Campus). She was promoted to Lecturer in 1993, to Reader in 2008, and to Professor in 2015. She was involved in teaching mathematics at the certificate and bachelor levels. She was popular as an inspiring teacher during her time at TC Campus. Prof. Shrestha served as the Head of Department (HoD) at the Mathematics Department of TC Campus from January 2020 until her retirement in May 2022.

### Awards

Prof. Shrestha was awarded the Aishwarya Vidya Padak Gold Medal in 1981 by the Late Queen Aishwarya Rajya Laxmi Devi Shah. She received the Tika Laxmi Padak Gold Medal in the 1983 Convocation from Tribhuvan University. In 2010, she was awarded the Dirgha Sewa Padak from Tribhuvan University.

### Involvements

Prof. Shrestha was a member of the Subject Committee of Mathematics from 2018 - 2021. She served as the Vice President of Nepal Mathematical Society during 2009 - 2012 and was an Executive Member during 2012 - 2015. During her tenure as the Vice President, NMS was registered as a Tax-Free Organization through her active leadership.

She is also a life member of the Nepal German Academic Association (NEGAAS) and served as an Executive Committee Member during 2012 - 2016. Prof. Shrestha is additionally a life member of Sangeet Pratisthan, Lalitpur, and Women of Nepal in Mathematical Sciences (WoNiMS). She is currently on the advisory board at WoNiMS.

### Activities

Prof. Shrestha served as an Organizing Committee member of

- National Conference of Mathematics: Biratnagar (17 - 19, January 2010), Mahendranagar (20th - 22nd January 2012), and Birendranagar (28th - 30th January 2014),
- Nonlinear Systems and Summer School, Tribhuvan University, Kathmandu, June 2013, CIMPA School, Nepal
- Aspects of Dynamical Systems, Tribhuvan University, Kathmandu, November 2014, Symposium for South Asia Women in Mathematics, Tribhuvan University, Kathmandu, October 2017
- Summer School on Numerical Analysis and its Applications, Sagarmatha College of Engineering, Kathmandu, June 2013
- WoNiMS Annual Conference, Kathmandu, November 2023

### Participation

- International Conference in Mathematical Modeling and Applications to Industrial Problems, NIT Calicut, Kerala, India, March 2011
- 17th Mathematics Conference, Jahangirnagar University, Savar, Dhaka, Bangladesh, December 2011
- Instructional Workshop on Applied Mathematics, South Asian University, New Delhi, India, May 2013
- Visiting Professor at SEAMS School about Number Theory and Applications in Cryptography and Coding Theory, University of Science, VNU-HCM, Vietnam, September 2015
- Panelist at Youth Conference of Mathematics in Nepal, Nepal, December 2019

### Languages

Nepal Bhasha, Nepali, English, Hindi, German, Russian

### Countries Visited

Germany, France, India, Bangladesh, China and Vietnam





## Short Biography



**Prof. Dr. Raj Narayan Yadav**

### About Family

Prof. Dr. Raj Narayan Yadav was born on August 16, 1961 (shrawan 32, 2018 BS) at Pato VDC-6, Saptari as a child of the father Bhandri Yadav and Mother Abranbati Yadav. He was married to Archana Yadav. They have one son and one daughter. Prof. Yadav is residing in Biratnagar.

### Education and Profession

Prof. Yadav passed his School Leaving Certificate (SLC) from Shri K.C. Secondary School PATO, Saptari in 1980, Intermediate of Science (ISc) from Nirmali College Nirmali, (LNMU), Bihar, India in 1982, Bachelor of Science (BSc) from R.K. College Madhubani (L.N. M.U.) Bihar, India, in 1984, and a Master's degree in Mathematics from R.K. College Madhubani (L.N.M.U.) Bihar, India, in the First class in 1986. He completed his PhD at Bhagalpur University Bhagalpur, India in 2014. The area of his specialization is Lattice theory and the title of his PhD thesis is *On Poset Theoretic Viewpoint of Combinatorics*.

### Academic Service

Prof. Yadav Joined Mahendra Morang Adarsh Multiple Campus, Tribhuvan University (TU) as an Assistant Lecturer on Bhadra 1, 2047, was promoted to Lecturer on Ashad 20, 2058, Associate Professor on Ashwin 2, 2066, and then to a Professor on Bhadra 14, 2072 and has retired from TU service in 2023. He was actively involved in teaching graduate mathematics at TU. He has supervised one PhD student. During his tenure as HoD of the Department of Mathematics at MMAM Campus, Biratnagar, he initiated to publish an International Journal of Mathematics "EUREKA". He has been very popular among his students and colleagues as an ideal teacher with a simple lifestyle and academic honesty. He has published several research papers and general articles in national as well as international journals and newspapers.

### Awards:

Prof. Yadav has received *Nepal Bidya Bhusan 'Ka'* in Bhadra 23, 2073.

### Involvements:

- Life Member of Nepal Mathematical Society, Kathmandu.
- Member of the International Association of Academicians and Researchers, Pune, India.
- Member of American Mathematical Society, USA.

- Member of Campus Management Committee and Working Committee, MMAM Campus, (TU), Biratnagar, from 2075-11-15 to 2080-03-07
- HoD, of Mathematics, MMAM Campus, (TU), Biratnagar, from 2072-04-19 to 2080-03-07
- Facilitator, Capacity Building Workshop from Mathematics Faculties (CBWMF-2021)

### Participations

- Attended the International Congress of Mathematicians (ICM) 2014, held in *Korea* from 13 to 21, 2014.
- Organized the International Seminar on Mathematics at Biratnagar, Nepal on December 27-28, 2014 as Convener.
- Being sponsored by the organizers, Visited *China* to Participate in the International Congress on Industrial and Applied Mathematics (ICIAM-2015) held at Beijing from August 10 to 14, 2015.
- Being invited by the SAARC University (*South Asian University*) to Celebrate the SAARC Charter Day, participated in the Ceremony in *New Delhi (India)* and presented a paper at the international conference on Mathematics (December 8-12, 2015).
- Being sponsored by the organizers, visited *Bangladesh* to participate in the "International Conference on Physics" held at the Atomic Energy Centre, Dhaka from January 5 -7, 2017.

### Special Achievement

Being fully sponsored by the organizers, visited *Germany* to participate in the 19-day International Training on Non-violence in the Context of War or Armed Conflict conducted at Kurve Wustrow from 14th June to 2nd July 2013. By the Centre for Training and Networking in Nonviolent Action, *Wustrow, Germany*.

### Languages

English, Nepali, Hindi, Maithili and Bhojpuri.

### Countries visited

Germany, France, Bangladesh, China, South Korea, and, India.



## List of Late Life Members

SN	NMS No.	Name	Remarks
1.	0001	Prof. Dhup Ratna Bajracharya	Advisor, 2063, 2060; EC Member, 2044; President, 2035
2.	0002	Gauri Shanker Shrestha	Advisor, 2060
3.	0003	Prof. Dr. Lalata Prasad Jaiswal	
4.	0004	Dr. Raj Deo Prasad Kushwaha	
5.	0005	Prof. Dr. Ram Man Shrestha	Advisor, 2063, 2060, President, 2044, Ec Member, 2050, secretary, 2035
6.	0006	Tirthananda Vaidya	Joint Secretary, 2044
7.	0007	Dr. Tulsi Upadhaya	
8.	0008	Shree Krishna Dahal	
9.	0009	Som Kanta Khanal	
10.	0010	Prof. Dr. Yoga Ratna Sthapit	Advisor, 2063
11.	0084	Prof. Dr. Basant Raj Adhikari	EC Member, 2063
12.	1018	Prof. Dr. Urmila Pyakurel	Treasurer, 2069
13.	---	Prof. Dr. Rameshwor Prakash Manadhar	President, 2050-2060
14.	0094	Prof. Dr. Bhadra ManTuladhar	Advisor, 2072, 2078; Vice-President, 2044; President, 2066, President, 2069
15.	0479	Assoc. Prof. Dr. Krishna Bahadur Chand	
16.	0925	Sudarshan Shah	

## Honorary Members

NMS HM ID No.: Nepal Mathematical Society Honorary Membership Identification Number

NMS-HM ID No.	Name	Nationality	Birth Country	Membership Date
NMS-HM-0001	Dr. James Harris Simons	USA	USA	March, 2018
NMS-HM-0002	Dr. Sung Rak Choi	Republic of Korea	Nepal	September 28, 2023

## List of Life Members with NMS Membership Number

11	Aasis Baral	12	Abatar Subedi
13	Achala Adhikari	14	Agni Datta Joshi
15	Ajana Bhandari	16	Dr. Ajay Kumar Chaudhary (Treasurer, 2075)
17	Ajaya Basnet	18	Prof. Dr. Ajaya Singh (EC Member, 2075)
19	Ajit Poudel	20	Aman Pathak
21	Amar Bajracharya	22	Amar Bahadur Karki
23	Amar Kumar Jha	24	Assoc. Prof. Amarendra Kumar Singh
25	Amarnath Shah	26	Amba Dutta Joshi
27	Ambar Syantan	28	Amir Bake
29	Amir Raj Adhikari	30	Amresh Man Singh
31	Amrit Sharma Gautam	32	Ananda Krishna Shrestha
33	Ananda Parsad Shrestha	34	Assoc. Prof. Dr. Ananda Prasad Pant
35	Ananta Acharya	36	Ananta Upreti
37	Anil Chandra Jha	38	Assoc. Prof. Anil Kumar Jha
39	Anish Upreti	40	Anisha Pathak
41	Anjana Pokharel (Treasurer, 2078)	42	Anjit Kumar Jha
43	Ankit Pathak	44	Anup Raj Lamichhane
45	Anup Tuladhar	46	Archana Timsina
47	Arjan Kumar Sunar	48	Dr. Arjun Acharya
49	Assoc. Prof. Arjun Adhikari (EC Member, 2066)	50	Arjun Khatiwada
51	Arjun Neupane	52	Arjun Prasad Adhikari
53	Arjun Tamang	54	Arun Kumar Bhandari
55	Ashok Bahadur Badaila	56	Ashok Khatiwada
57	Ashok Kumar Chaudhary	58	Dr. Ashok Kumar Yadav
59	Ashok Roka	60	Dr. Aslam Ali
61	Atma Ram Adhikari	62	Babu Ram Chapagain (EC Member, 2063)
63	Babu Ram Guragain	64	Baburam Devkota
65	Baburam Neupane	66	Baburam Panta
67	Baburam Panta	68	Baburam Suyal
69	Assoc. Prof. Badri Laxmi Vaidya (Treasurer, 2063; EC Member, 2050)	70	Badri Prasad Pageni



71	Badri Tamang	72	Baikuntha Sharma
73	Bal Bahadur Saud	74	Bal Bahadur Tamang
75	Bal Dev Adhikari	76	Bal Kumar Khadaka
77	Bal Kumari Lamsal	78	Bal Ram Khatri Ghimire
79	Balbhadra Bhandari	80	Bam B Thapa
81	Assoc. Prof. Bam Dev Jha (Vice-President, 2069)	82	Bandana Dahal
83	Basant Kumar Basnet	85	Basanta Rai
86	Basu Dev Ghimire	87	Prof. Dr. Basu Dev Uprety
88	Bechan Yadav	89	Dr. Bed Prasad Dhakal
90	Bed Prasad Sharma	91	Prof. Dr. Bed Raj Acharya
92	Bekha Ratna Dongol	93	Bhabani Lamsal
95	Bhadra Raj Tripathi	96	Bhadra Raj Tripathi
97	Assoc. Prof. Bhai Raja Ranjit (EC Member, 2050)	98	Prof. Dr. Bhanu Chandra Bajracharya
99	Bharat Bahadur Thapa	100	Bharat Dahal
101	Bharat Dahal (KC)	102	Bharat Kumar Regmi
103	Bharat Pokharel	104	Bharat Prasad Aryal
105	Bharat Raj Wagle	106	Bharat Shakya
107	Bharat Singh Dhami	108	Bhavanand Chaudhary
109	Bhawani Thapa	110	Bhesh Bahadur Kshetri
111	Bhim Prasad Kafle	112	Bhimsen Khadka
113	Bhogendra Kumar Thakur	114	Bhoj Raj Bhatta
115	Bhoj Raj Poudel	116	Assoc. Prof. Bhola Nath Bhattra
117	Bhupal Kumar Shrestha	118	Dr. Bhupendra Paudel
119	Bhuvan Bhatt	120	Bhuwan Acharya
121	Dr. Bhuwan Prasad Ojha	122	Bibek Acharya
123	Bibhab Neupane	124	Prof Dr. Biddhya Nand Prasad Thakur
125	Bijaya Adhikari	126	Bijaya Nath Mishra
127	Dr. Bijaya Prasad Pokharel	128	Bijaya Subedi
129	Bikalpa Baniya	130	Bikesh Shrestha
131	Bikram Bhusal	132	Bikram BK
133	Bikram Rai	134	Bimala Mishra
135	Prof. Dr. Bina Ranjan Baral	136	Binay Kumar Nirala
137	Binaya Gajurel	138	Binaya Dawadi
139	Bindeshwor Mahato	140	Bindra Devi Shakya
141	Binod Baral	142	Prof. Dr. Binod Kaphle
143	Binod Khand Timilsana	144	Prof. Dr. Binod Parajuli
145	Prof. Dr. Binod Prasad Dhakal	146	Binod Prasad
147	Binod Prasad Lamsal	148	Binod Prasad Panta
149	Binod Rimal	150	Binod Shah
151	Binod Sharma	152	Binshu Prasad Pandey
153	Prof. Dr. Bishnu Prasad Dhungana	154	Bipin Gautam
155	Dr. Bipin Kumar Ray	156	Bir B Thapa
157	Birendra Chand	158	Birendra Jaiswal
159	Birendra K. Jha	160	Birendra Kumar Yadav
161	Birendra Pandit	162	Birmani Dhakal
163	Bisaw Bahadur Shahi	164	Bishal Kshetri
165	Bishnu Bahadur Parajuli	166	Bishnu Bhusal
167	Dr. Bishnu Hari Subedi	168	Bishnu Kumar Giri
169	Bishnu Kumar Shrestha	170	Bishnu Prasad Chapagai
171	Bishnu Prasad Bhandari (EC Member, 2078)	172	Bishnu Prasad Upadhaya
173	Bishwa Raj Adhikari	174	Buddhi Man Gurung
175	Dr. Buddhi Prasad Sapkota	176	Buddhi Raj Pantha
177	Chakra Bahadur Bishta	178	Chakra Dumre
179	Chakra Singh Pwali	180	Chandra Dev Bhatta
181	Chandra Dev Pathak	182	Chandra Kanta Adhikari
183	Chandra Limbu	184	Chet Nath Tiwari
185	Prof. Dr. Chet Raj Bhatta (Secretary, 2066, President, 2075; Advisor, 2078 )	186	Chhabi Dhungana
187	Chhabi Siwakoti	188	Chhabilal Bhusal
189	Chhaya Kumari Pathak	190	Prof. Dr. Chinta Mani Pokharel (EC Member, 2072)
191	Chiran Gnawali	192	Chok Raj Dawadi
193	Choodamani Bhattarai	194	Prof. Dr. Choodamani Joshi (Advisor, 2072)

195	Choodamani Timalisina	196	Chuda Prasad Pokhrel
197	Dr. Chudamani Paudel	198	Chudamani Pokharel
199	Chudamani Timalisina	200	Prof. Dr. Dal Bahadur Adhikary (EC Member, 2050; Advisor, 2069)
201	Dal Thapa	202	Dambar Bahadur GC
203	Daya Raj Acharya	204	Prof. Daya Ram Paudyal
205	Daya Ram Yadav	206	Deb Raj Poudel
207	Assoc. Prof. Dr. Debendra Banjade	208	Debiram Poudel
209	Deepak Bastola	210	Dr. Deepak Basyal
211	Deepak Gnawali	212	Dev Bhakta Pandey
213	Dev Chandra Shrestha	214	Dev Narayan Mandal
215	Dev Raj Gautam	216	Dev Raj Joshi
217	Dev Raj Khatri	218	Dev Ratna Kansakar
219	Devendra Joshi	220	Dhak Bahadur Thapa
221	Dhaka Mohan Basnet	222	Dhalak Prasad Adhikari
223	Dhan Bahadur Thapa	224	Dhan Kumar K.C.
225	Dhan Raj Char	226	Assoc. Prof. Dhana Kumari Thapa (Joint-Secretary, 2063; EC Member, 2060)
227	Dhaneshwar Bhandari	228	Dhani Chandra Limbu
229	Dr. Dhanpati Adhikari	230	Prof. Dr. Dharanidhar Regmi (Vice-President, 2060)
231	Dhirendra Kumar Yadav	232	Prof. Dr. Dhirendra Thakur
233	Prof. Dr. Dhruva Raj Adhikari	234	Dhurba Bahadur Thapa
235	Dhurba Lal Gaire	236	Assoc. Prof. Dhurba Raj Sigdel
237	Digvijay Chaudhary	238	Prof. Dr. Dil Bahadur Gurung (EC Member, 2069, Vice President 2075)
239	Prof. Dila Ram Bhattarai	240	Dilip Khawas
241	Dilip Kumar Pandey	242	Dilip Kumar Paudyal
243	Dilip Kumar Shah	244	Dilli Raj Neupane (EC Member, 2069)
245	Dilli Ram Adhikari	246	Dilli Ram Paudel
247	Dinanath Paudyal	248	Dinesh Adhikari
249	Dinesh Bhandari	250	Dinesh Gautam
251	Prof. Dr. Dinesh Panthi (Joint-Secretary 2069, Secretary 2075)	252	Dinesh Prasad Mainali
253	Prof. Dinesh Raj Pant	254	Dipak Khanal
255	Dipak Pandey	256	Dipak Pandit
257	Dipak Raj Aryal	258	Dipak Babu Amgain
259	Dipendra Phuyal	260	Dipendra Baral
261	Dr. Dipendra Regmi	262	Dr. Dirgha Raj Joshi
263	Dol Nath Khanal	264	Dola Raj Pandey
265	Domodar Khanal	266	Drona Kumar Adhikari
267	Dub Raj Neupane	268	Assoc. Prof. Dr. Durga Jang K.C. (Joint-Secretary, 2060)
269	Durga Luitel	270	Durga Prasad Sharma
271	Dr. Durga Prasad Khanal	272	Durgesh Ojha
273	Dwarika Nath Gajurel	274	Dwarika Prasad Gautam
275	Eishwor Prasad Paudel	276	Prof. Dr. Eka Ratna Acharya (EC Member, 2066)
277	Er. Ananda Singh	278	Gagan Dev Prasad Shah
279	Dr. Gaj Ram Damai	280	Prof. Dr. Gajendra Bahadur Thapa (Advisor, 2069)
281	Gajendra Bhandari	282	Ganesh Bahadur Basnet (EC Member, 2072)
283	Ganesh Bhandari (EC Member, 2066)	284	Ganesh Ghimire
285	Ganesh Kamansingh Rawal	286	Ganesh Kumar Dhakal
287	Ganesh Kumar Karki	288	Ganesh Prasad Adhikari
289	Ganesh Prasad Pandey	290	Ganesh Sapkota
291	Ganesh Shiwakoti	292	Ganga Ram D.C.
293	Dr. Ganga Ram Phaijoo	294	Dr. Gauri Bhuju
295	Gauri Das	296	Genesh Shiwakuti
297	Assoc. Prof. Dr. Ghan Shyam Bhatt	298	Ghanshyam Adhikari
299	Assoc. Prof. Dr. Ghanshyam Pant	300	Girendra Prasad Shah
301	Giri Raj Paneru	302	Prof. Dr. Gita Bhakta Joshi
303	Gita Panthi	304	Gita Ram Dhakal
305	Assoc. Prof. Gita Shrestha (EC Member, 2072)	306	Gobinda Bhusal
307	Dr. Gokarna Aryal	308	Gokul Dev Badu
309	Dr. Gokul K.C.	310	Gopal Chamlagain



311	Gopal Dhungana	312	Dr. Gopal Koirala
313	Gopal Krishna Tiwari	314	Gopal Neupane
315	Gopal Prasad Acharya	316	Gopal Raj Kandel
317	Gopi Nath Aryal	318	Govinda Adhikari
319	Grishma Acharya	320	Guha Nath Poudel
321	Gunakhar Pokhrel	322	Guru Datta Poudel
323	Guru Datta Sharma	324	Guru Prasad Dhakal
325	Guru Prasad Rijal	326	Gurudas Yadav
327	Prof. Dr. Gyan Bahadur Thapa	328	Assoc. Prof. Gyan Man Bajracharya
329	Gyan Prasad Paudel	330	Gyanendra Gurung
331	Dr. Gyanendra Pokharel	332	Gyanendra Shrestha
333	Gyanu Bashnet	334	Hari Bhajan Gelal
335	Hari Bhakta Gelal	336	Assoc. Prof. Hari Bhakta Pandey
337	Hari Datt Joshi	338	Assoc. Prof. Hari Dev Chaudhary
339	Hari Dutta Pandey	340	Dr. Hari Nandan Nath
341	Hari Prasad Sitaula	342	Hari Poudel
343	Hari Prapanna Kandel (EC Member 2075)	344	Hari Prasad Acharya
345	Hari Prasad Bhatta	346	Hari Prasad Bhattarai
347	Hari Prasad Gawali (EC Member, 2078)	348	Hari Prasad Jamarkattel
349	Hari Prasad Srawali	350	Prof. Dr. Hari Prasad Upadhhaya
351	Hari Ram Limbu	352	Hari Ram Puri
353	Hari Saran Pandiy	354	Hari Thapa
355	Prof. Dr. Harihar Khanal	356	Harish Chandra Bhandari
357	Harish Chandra Dhakal	358	Dr. Harish Prasad Bhatt
359	Harka Shrestha	360	Harkh B Jora
361	Harsh Bahadur Chand	362	Harsh Panthi
363	Prof. Dr. Hem Raj Joshi	364	Hem Raj Pandey (EC Member, 2078)
365	Hem Raj Sigdel	366	Hemant Raj Khanal
367	Hemraj Dhungana	368	Him Lal Parajuli
369	Himal Chandra Belbase	370	Himalaya Ghimire
371	Prof. Dr. Hira Bahadur Maharjan (EC Member, 2035)	372	Hira Bhandari
373	Hiranaya Lal Karmacharya	374	Hom Kumari Adhikari
375	Prof. Dr. Hom Nath Bhattarai (President, 2063; EC member, 2060; Vice President, 2050; Secratery, 2044)	376	Hom Nath Pokhrel
377	Homkant Subedi	378	Huma Nath Pandeya
379	Indra Bahabur Chhetry	380	Indra Mani Niraula
381	Ishwar Regmi	382	Ishwor Bohara
383	Ishwor Gharti	384	Ishwor Gharti
385	Dr. Ishwori Prasad Upadhayaya	386	Assoc. Prof. Dr. Iswar Mani Adhikari (EC Member, 2069; Joint-secretary, 2078)
387	Assoc. Prof. Dr. Iswari Jung Kunwar	388	Assoc. Prof. Jagat Pokhrel
389	Jagdish Gnawali (EC Member, 2075)	390	Janardan Baral
391	Janta Raut	392	Jasbir Roka
393	Jay Narayan Jha	394	Dr. Jaya Bishnu Pradhan
395	Jaya Lal Sharma	396	Jaya Ram Dhakal
397	Jaya Ram Subedi	398	Jayadev Nath
399	Jayanta Acharya	400	Jedu Ram Poudel
401	Dr. Jeetendra Thapa	402	Dr. Jeevan Kafle (EC Member 2072, Joint-Secretary 2075; EC Member 2078)
403	Jeevan Sharma	404	Jhal Prasad Adhikari
405	Jhalak Nath Khanal	406	Jhaneshwor Chalise
407	Dr. Jhavi Lal Ghimire	408	Jiban Singh Limbu
409	Jiblal Upadhaya	410	Jitendra Prasad Singh
411	Jivan Kafle	412	Jivan Kumar Niraula
413	Jivan Tripathee	414	Prof. Dr. Jivandhar Jnawali
415	Juju Bhai Manandhar	416	Juju Bhai Manandhar
417	Prof. Dr. Jyoti Upadhayaya	418	Kabiraj Dahal
419	Kabiraj Regmi	420	Kabita Kumari Yadav
421	Assoc. Prof. Dr. Kabita Luitel (Treasurer, 2066)	422	Dr. Kailash Ghimire
423	Kailash Ghimire	424	Dr. Kaji Prasad Ghimire
425	Kalpana Bogati	426	Kamal Bahadur Khatri
427	Kamal K.C.	428	Kamal Kumar Thapa

429	Kamal Prasad Gautam	430	Kamal Pariyar
431	Kamal Paudel	432	Kamal Prasad Aryal
433	Kamal Raj Bhandari	434	Kamal Raj Joshi
435	Dr. Kamalesh Kumar Lal Karn (EC Member, 2078)	436	Prof. Dr. Kamalmani Baral
437	Dr. Kanchha Bhai Manadhar (EC Member 2075)	438	Prof. Dr. Kanhaiya Jha (Joint-Secretary, 2066; Secretary, 2072; Advisor, 2078)
439	Kapil Prasad Timalsena	440	Dr. Karan Singh Thagunna
441	Kashi Lal Chaudhary	442	Kedar Khanal
443	Kedar Nath Chhatkuli (EC Member, 2066)	444	Prof. Dr. Kedar Nath Uprety (Secretary, 2069; Advisor 2072, 2075)
445	Assoc. Prof. Dr. Kedar Nepal	446	Kedar Prasad Nepal
447	Kedar Raj Pathak	448	Keshab Prasad Adhikari
449	Keshab Prasad Parajuli	450	Keshab Raj Phulara
451	Prof. Keshab Sitouala (EC Member, 2072)	452	Prof. Dr. Keshar Singh Rana
453	Keshav Bhattarai	454	Keshav Adhikari
455	Keshav Khanal	456	Assoc. Prof. Keshav Lal Shrestha
457	Keshav Paudel	458	Dr. Keshav Raj Acharya
459	Dr. Khagendra Adhikari (EC Member, 2072)	460	Khagendra Karki
461	Assoc. Prof. Khagendra Pokharel	462	Khagendra Pradhan
463	Assoc. Prof. Dr. Khageshwar Mandal	464	Khem Raj Koirala
465	Khem Raj Pandey	466	Dr. Khim Bahadur Khatri
467	Dr. Khim Raj Shrestha	468	Khim Raj Shrestha
469	Khum Bahadur Basnet	470	Kishna Datt Pant
471	Kishor Bhandari	472	Assoc. Prof. Kishor Gautam (EC Member, 2060)
473	Kishor Kumar Chalise	474	Km Rita
475	Dr. Koshal Raj Dahal	476	Assoc. Prof. Dr. Kripa Sindhu Prasad
477	Krishna Bahadur Bishta	478	Krishna Bahadur Budhathoki (0478)
480	Krishna Bhurtel (0480)	481	Krishna Chandra Poudel
482	Krishna Deo Yadav	483	Assoc. Prof. Krishna Dev Bhagat
484	Prof. Dr. Krishna Kanta Parajuli	485	Krishna Khanal
486	Prof. Dr. Krishna Kumar Shrestha (EC Member, 2060; Advisor, 2072)	487	Krishna Mangal Joshi
488	Krishna Mani Joshi	489	Krishna Prasad Adhikari
490	Assoc. Prof. Dr. Krishna Prasad Bhandari	491	Krishna Prasad Bhatt
492	Krishna Prasad Aryal	493	Krishna Prasad Aryal
494	Krishna Prasad Dhakal	495	Krishna Prasad Jnawali
496	Krishna Prasad Joshi	497	Krishna Prasad Kandel
498	Dr. Krishna Prasad Pokhrel	499	Krishna Prasad Tiwari
500	Krishna Raj Dhakal	501	Krishna Raj Pandey
502	Krishna Subedi	503	Krishna Thapa
504	Assoc. Prof. Kula Nand Chaudhary	505	Kumar Ghimire
506	Kumar Subedi	507	Prof. Kumbh Bahadur Chand
508	Kush Lal Pradhan (EC Member, 2035)	509	Laba Krishna Shrestha
510	Lalit Thapa	511	Lalmani Bhandari
512	Lava Chandra Shrestha	513	Laxman Bahadur Kunwar
514	Laxman Basnet	515	Laxman Karki
516	Laxman Lamichhane	517	Laxman Sitaula
518	Laxmi Mahato	519	Dr. Laxmi Prasad Paudel
520	Assoc. Prof. Lila Bahadur K.C.	521	Lila prasad Bagale
522	Liladhar Neupane	523	Lok Bahadur Gurung
524	Assoc. Prof. Lok Nath Adhikari	525	Lok Nath Bhattarai
526	Loken BC	527	Dr. Lokendra Prasad Paudel
528	Madan Bahadur Chand	529	Madan Bhandari
530	Madan Mahat	531	Madan Raj Ojha
532	Dr. Madhab Prasad Sharma	533	Madhav Prasad Poudel
534	Madhav Sigdel	535	Madhu Krishna Shrestha
536	Madhu Sudan Devkota	537	Madhusudan Prasad Mandal
538	Madhusudan Rimal	539	Prof. Dr. Mahendra Panthee
540	Maheshwar Parajuli	541	Maheshwar Pokharel
542	Prof. Maheshwor Prasad Upadhayaya	543	Makbul Ahmad
544	Man Bahadur Basnet	545	Man Bahadur Bhujel (EC Member 2075)
546	Man Bahadur Chand	547	Man Bahadur Subedi Ranabhat



548	Prof. Dr. Mana Raj Joshi (EC Member, 2035)	549	Mangal Prasad Sapkota
550	Mani Prasad Sigdel	551	Manju Kumari Deo
552	Manoj Gautam	553	Dr. Manoj Gyawali
554	Dr. Manoj Karki	555	Manoj Kumar Gupta
556	Manoj Kumar Mahato	557	Assoc. Prof. Dr. Manoj Kumar Raut
558	Manoj Prasad Sigdel	559	Manu Kanal
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