



Newsletter

नेपाल गणित समाज

NEPAL MATHEMATICAL SOCIETY

Established in 2035 BS (1979 AD)

www.nms.org.np

Issue No. 18, May 2022

Editorial

It is our immense pleasure to share that the Nepal Mathematical Society (NMS) has published its 18th issue of the Newsletter on the occasion of its 44th anniversary. This issue highlights the major activities of NMS, and its valued life members from the first date of April 13, 2021 to the end of April 13, 2022.

NMS has been involving actively in mathematics-related various academic activities with the main objectives of enhancing various academic aspects of our valued life members, and in the popularization of mathematics in Nepalese society. This Newsletter incorporates our past activities such as workshops, basically the capacities building workshops, and the ongoing workshop series on Algebra and Analysis, scientific talk series including the NMS-ANMA talk series, and other activities of NMS, along with the academic and research activities of our valued life members, a short biography of Prof. Dr. Dal Bahadur Adhikary, an important interview of Prof. Dr. Hira Bahadur Maharjan, former VC of Tribhuvan University. It also includes the list of the life members of NMS.

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

Chief Editor : Dr. Shree Ram Khadka

Editors : Dr. Parameshwari Kattel

Dr. Iswar Mani Adhikari

Ms. Anjana Pokharel

Dr. Jeevan Kafle

Mr. Ramesh Gautam

Dr. Phanindra Prasad Bhandari

Dr. Tara P. Banjade

Mr. Hem Raj Pandey

Mr. Tek Bahadur Budhathoki

Message from the President

Dear Valued NMS Members,

It is our great honour and pleasure to congratulate all the valued mathematicians while commemorating the 44th anniversary of Nepal Mathematical Society (NMS), and launching its newsletter of Issue No. 18, May 2022 on this occasion.

It has been a special honour and privilege to undertake my responsibility as the president of NMS since December 2021 for three years (2022-2024) tenure. We would like to express our sincere gratitude and special thanks to all the esteemed life members of NMS for their support in electing a new executive committee (EC).

On behalf of NMS and its executive committee, I would like to appreciate the enthusiasm, dedication, and contribution paid by the past presidents, the executive committee and subcommittee members, and all the valued life members for their valuable time and effort to bring more dynamism and vibrance in NMS. The newly elected EC is committed to working together with you all on various academic and professional issues. We are also dedicated to bringing considerable improvements in teaching, learning, and research in mathematics and mathematics education at both school and university levels.

NMS, founded in 1979, is one of the oldest and pioneer scientific and professional societies in Nepal. Currently, NMS has 1034 life members and it regularly conducts various activities to promote mathematical research and education thereby contributing to science and technology in Nepal.

Over the last couple of years, NMS has organized capacity-building workshops in research and evaluation, orientation programs in different dimensions, and an international conference. NMS arranged several scientific talks of Nepalese and internationally renowned mathematicians. We will continue conducting NMS-ANMA Talk Series every two months to share the knowledge in teaching, learning, and research in Mathematics and Mathematical Sciences.

Nepal Mathematical Society is organizing the Analysis and Algebra Workshop Series via online mode to enable them to revisit and update knowledge in respective fields from basic to advanced research. A large number of NMS life members, university teachers, PhD Scholars, and MPhil students are participating in the program. NMS EC committee likes to express sincere thanks and special acknowledgments to the facilitators, experts, and the NMS subcommittee members for their enthusiasm and contributions to make the success of the program. We are planning to extend this program for the next three years.

This year, in collaboration with the Central Department of Mathematics, Tribhuvan University (TU); Department of Mathematics, School of Science, Kathmandu University (KU); Department of Mathematics Valmeeki Campus, Nepal Sanskrit University (NSU), and Purbanchal University (PU), NMS has organized a three days National Conference on Mathematics and Its Applications (NCMA-2022) during Jestha 28-30, 2079 (June 11-13, 2022) in Mahendra Ratna Multiple Campus, Ilam, Province-1, Nepal. The primary objective of the conference is to offer mathematicians, researchers, and students around Nepal and abroad a platform to share and exchange their knowledge and experiences in pure and applied mathematics and from a variety of many other disciplines, where mathematics finds its applications. We have also organized a workshop in virtual mode during Jestha 14-17 (May 28-31, 2022), and in physical presence at Ilam during Jestha 26 - 28, 2079 (June 9-11, 2022) on the contents of Grade 11 and 12 with special focus on curriculum, teaching, and evaluation. We are planning to conduct Society to Society program that may continue for years, to train mathematics teachers in local schools and colleges in all provinces.

Finally, on behalf of NMS, I heartily acknowledge and extend special thanks to all of you who have constantly been supporting mathematics and mathematical sciences. We request you to continue encouraging our activities and give us your valuable ideas, suggestions and feedback.

Sincerely yours

Prof. Dr. Narayan Prasad Pahari
President, NMS


Special Scientific Talk

NMS organized a special scientific talk by two mathematical scientists Dr. Iswari Jung Kuwar and Dr. Naveen K. Vaidya on the occasion of its 43rd anniversary. They delivered their talks on the topics 'Multilinear dynamic operations and their commutators' and 'Mathematical models to guide COVID-19 pandemic response in Nepal', respectively.

On the occasion of 43rd Anniversary of Nepal Mathematical Society

A Scientific Talk


Multilinear Dyadic Operators and Their Commutators



22 May 2021
(Jeshtha 08, 2078) at 8:00 - 10:30 AM

The Zoom link is:
<https://us04web.zoom.us/j/8039265543>
Zoom ID: 803 926 5543
Passcode: 8vBgDV


Dr. Iswari Jung Kuwar



On the occasion of 43rd Anniversary of Nepal Mathematical Society

A Scientific Talk



Mathematical Models to Guide COVID-19 Pandemic Response in Nepal



Dr. Naveen K. Vaidya

22 May 2021
(Jeshtha 08, 2078) at 8:00 - 10:30 AM

The Zoom link is:
<https://us04web.zoom.us/j/8039265543>
Zoom ID: 803 926 5543
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Meditation Session

Meditation may be considered a means to experience peace, love, and silence within ourselves by reducing stress and anxiety. In this context, a meditation session was organized by NMS in coordination with Mathematics Research and Innovation Centre (MRIC) on June 17, 2021. In the session, the CEO of the MRIC, Mr. Sagar Dahal, and Mr. Mahendra Bhattarai, a spiritual forum leader facilitated the session on 'Meditation in Mathematics: A way towards blissful life.' The program was in virtual mode and was a free session for a large number of mathematics faculties related to NMS.

Meditation Session

"Know Meditation, Know Life, No Meditation, No Life"

Free Session For all Mathematics Teachers of Nepal

"Meditation in Mathematics: A Way Towards Blissful Life"




Moderator: YE Acharya
Sagar Dahal
CEO, Mathematics Research And Innovation Centre (MRIC)
Member, Nepal Mathematical Society

Acharyashree Mahendra Bhattarai, Spiritual Forum Leader, Executive Director
The Celebration Co-Ed School/ College

Meeting ID: 8039265543
Passcode: 8vBgDV

Organized by: Nepal Mathematical Society (NMS)

Ashar 3, 2078, Thursday (June 17, 2021) @ 7:00 pm sharp.

Supported by: Mathematics Research And Innovation Centre (MRIC)

NMS-ANMA Talk Series


Talk 1

Nepal Mathematical Society (NMS) and the Association of Nepalese Mathematicians in America (ANMA) have jointly commenced the NMS-ANMA talk series on various research topics in virtual mode. Distinguished professors and researchers in different disciplines in Nepal and abroad are the speakers. The first talk in this series was on July 10, 2021, by Dr. Hem Raj Joshi, a professor of mathematics at Xavier University, USA. The topic of the talk was *Explaining Mathematical Modeling and Its Applications*.

NMS-ANMA Talk Series

Title: Explaining Mathematical Modeling And Its Applications

Speaker: Dr. Hem Raj Joshi
Professor
Department of Mathematics
Xavier University, USA



Schedule:
Friday, July 9th from 10:15 pm - 11:30 pm EST (USA)
Saturday, Ashadh 26th from 8:00 am - 9:15 am (Nepal)

Talk 2

The second talk of the NMS-ANMA Talk Series was on October 3, 2021 by Dr. Parameshwari Kattel, associate professor of mathematics at Tribhuvan University, from the NMS side. The topic was *Modeling Multiphase Flow Dynamics and Obstacle-Interaction*. After the talk, the festivals greetings were exchanged among the attendees.

NMS-ANMA Talk Series-2

Topic: Modeling Multiphase Flow Dynamics and Obstacle-Interaction

Speaker: Dr. Parameshwari Kattel
Associate Professor, Tribhuvan University
Time: 7:30 AM - 8:20 AM (Nepal Time)



Greetings Sharing for Festivals -2078
Time: 8:20 AM - 9:30 AM
Date: 17 Ashwin 2078 (03 October 2021), Sunday

All life members and interested persons are invited in the program.


Zoom ID: 803 926 5543
Passcode: 8vBgDV
Secretary, NMS

Talk 3

NMS-ANMA Talk Series

Title: Nonlinear Boundary Value Problems

Speaker: Maya Chhetri, Ph.D.
Professor, Department of mathematics and statistics
University of North Carolina-Greensboro



Schedule:
Friday, December 10, 8:15-9:30 pm EST (USA)
Saturday, December 11, 7:00-8:15 am (Mangsir 25) (Nepal)

Dr. Maya Chhetri, a professor at the University of North Carolina-Greensboro delivered a talk on *Nonlinear Boundary Value Problems* on December 11, 2021.

Talk 4

Dr. Ajay Singh, a professor of mathematics at the Central Department of Mathematics, delivered a talk on *Sharing Values and the Normality of Meromorphic Functions* on February 12, 2022.



NMS-ANMA Talk Series-4



Sharing Values and Normality of Meromorphic Functions

Presenter:

Prof. Dr. Ajay Singh
Central Department of Mathematics
Tribhuvan University, Nepal

**Schedule**


Nepal	USA
Date: Magh 29, 2078 Time : 7:30 AM NPT (Saturday)	Date: February 11, 2022 Time : 8:30 PM EST (Friday)

Jointly organized by:


Nepal Mathematical Society and Association of Nepalese Mathematicians in America

Talk 5

Dr. Ramjee Sharma, an Associate Professor of Mathematics, University of North Georgia – Gainesville, USA delivered a talk entitled *Numerical Computations of Non-linear Partial Differential Equation* on April 23, 2022.




NMS – ANMA Talk Series



Title: Numerical Computations of Nonlinear Partial Differential Equations

Speaker: Dr. Ramjee Sharma
Associate Professor of Mathematics
University of North Georgia – Gainesville, USA

Schedule:
Friday, April 22, 2022 10:00 PM EST (USA)
Saturday, April 23, 2022 7:45 AM (NEPAL)
Zoom Link: <https://mercer.zoom.us/j/kedarnepal>
Meeting ID: 4783015132



43rd General Assembly

The 43rd General Assembly of Nepal Mathematical Society was held on Paush 10, 2078. It was presided over by the then president of NMS Prof. Dr. Chet Raj Bhatta. The Vice-Chancellor of NAST, Prof. Dr. Sunil Babu Shrestha, chief guest of the inaugural session expressed his commitment to join hands in the activities of the society. The then vice-president Dr. Dil B. Gurung and the joint-secretary Dr. Jeevan Kafle highlighted on different activities of NMS.

During the program, various scholarships were distributed. The reports presented by its Secretary Dr. Dinesh Panthi and Treasurer Mr. Ajay Chaudhary were approved by the meeting. The assembly elected a new executive committee headed by Prof. Dr. Narayan Prasad Pahari. In the election commission coordinated by Prof. Dr. Bhadrman Tuladhar, the other members were Mr. Baburam Chapagain and Mr. Kedar Chatkuli.

In the newly formed executive committee, Dr. Shree Ram Khadka, Dr. Parameshwari Kattel, and Dr. Iswar Mani Adhikari were elected as the Vice-President, Secretary, and Joint-Secretary, respectively. Ms. Anjana Pokharel as the Treasurer was elected unanimously. The elected members were Dr. Phanindra Prasad Bhandari, Dr. Tara Prasad Banjade, Mr. Tek Bahadur Budhathoki, Mr. Bishnu Prasad Bhandari, Mr. Hari Prasad Gyawali and Mr. Hemraj Pandey.

After the election, Prof. Dr. Kanhaiya Jha, one of the presidential candidates, and Prof. Dr. Chet Raj Bhatta, the immediate past president, congratulated the newly elected committee and assured their constructive support.



Prof. Pahari expressed gratitude to all the life members and the election commission and requested all for their continuous support.

National Science Day Celebration

Nepal Mathematical Society celebrated the 9th National Science Day jointly with different professional societies and scientific organizations. On the occasion, Dr. Sunil Babu Shrestha, the vice-chancellor of Nepal Academy of Science and Technology (NAST), also the chief guest of the program, highlighted the national policy on science and technology. The program was chaired by Prof. Dr. Chetraj Bhatta, the then president of NMS, in which Dr. Shree Ram Khadaka, Dr. Dinesh Panthi, and Dr. Jeevan Kafle also put there remarks. In the discussion session, panelists were from different representatives from the Policy Research Institute, Ministry of Education, Science and Technology, NAST, and University Grants Commission (UGC). They highlighted the roles of different professional societies to enhance the effectiveness of the national policy on science and technology.

Responsibility Handover Program

The formal handover program of the newly elected executive committee of the Nepal Mathematical Society was held on December 31, 2021, at the Central Department of Mathematics, TU. The program was chaired by the coordinator of the election commission Prof. Dr. Bhadra Man Tuladhar, a former president of NMS.



The newly-elected executive committee members were felicitated jointly by the Head of the Department and former President of NMS Prof. Dr. Tank Nath Dhamala, the immediate past president of the society Prof. Dr. Chet Raj Bhatta, and Prof. Tuladhar.



The former Treasurer and Secretary Mr. Ajay Chaudhary and Dr. Dinesh Panthi handed over the documents, assets, and responsibilities of the society to the newly-elected Treasurer Ms. Anjana Pokharel and Secretary Dr. Parameshwari Kattel. During his speech, Dr. Kattel expressed that the future programs and policies of the society would be decided through joint consultations and inclusive decision-making. He also thanked the outgoing executive committee, the election committee, and all life members of the society. The immediate past president Prof. Bhatta wished for the success of the new executive committee and shared his experiences during his tenure. He also identified a list of challenges and opportunities for the new executive committee. On behalf of the committee, Prof. Pahari, the president expressed his commitment to making the future activities of the society more effective and dynamic.

The first formal meeting of the executive committee immediately after the handover program nominated Dr. Jeevan Kafle and Dr. Kamallesh Kumar Lal Karn as two members of the executive committee.

Workshop Series

Algebra Workshop Module-1

Prof. Dr. Shiv Lal Bhusal, Rector of Tribhuvan University, inaugurated the Algebra Workshop Series Module-1, organized by NMS, in the virtual mode.

Algebra Series Module I	
Coverage Area	Facilitators
<ol style="list-style-type: none">1. Groups2. Rings and Ideals3. Modules4. Fields5. Extension Fields6. Galois Theory	<ul style="list-style-type: none">❖ Prof. Dr. Hira B. Maharjan❖ Prof. Dr. Puspaa R. Adhikary❖ Mr. Tulasi Prasad Nepal❖ Dr. Bishnu Hari Subedi❖ Dr. Madhav Sharma❖ Dr. Aslam Ali❖ Dr. Manoj Gyawali❖ Dr. Jayantha Suranimalee❖ Dr. Daniel Berhanu Mamo❖ Mr. Santosh Gnawali❖ Mr. Abatar Subedi
NMS Talk Series and Workshops Subcommittee	
Coordinator: Dr. Jeevan Kafle	
Members	
<ul style="list-style-type: none">❖ Prof. Dr. Binod Prasad Dhakal❖ Prof. Dr. Ajay Singh❖ Dr. Puskar Raj Pokharel❖ Dr. Bishnu Hari Subedi❖ Dr. Saraswati Acharya❖ Dr. Khim Bahadur Khatri❖ Dr. Ganga Ram Phajoo❖ Dr. Hari Nandan Nath (Member Secretary)	
Starting Date	
Magh 22, 2078 (Saturday)	
Time: 7:00 PM - 8:30 PM	
Organized by: Nepal Mathematical Society (NMS)	

In his inaugural address, Prof. Bhusal commended the NMS for conducting such important workshops that help the faculties to gain in-depth knowledge in the concerned subjects. The session was chaired by Prof. Dr. Narayan Prasad Pahari, the President of NMS, and conducted by Dr. Parameshwari Kattel, the Secretary. The Vice-President Dr. Shree Ram Khadka put the welcome remarks.

The Coordinator of the workshop series Dr. Jeevan Kafle highlighted the format of the workshop. The workshop series is being facilitated by many prominent professors and researchers of algebra. He also shared that the first six-month phase of the workshop would focus on the basics of algebra, its usefulness, and various types of computational software, and the second phase will enter into the research phase to motivate/orient the participants towards research on algebra.

Prof. Pahari adjourned the session with a remark that such workshops would give more quality to the teaching and learning of mathematics and would also strengthen the new generation to be more energetic in research. The workshop series included the following topics with the respective facilitators.

Workshop-1: Magh 21, Group Theory (Prof. Dr. Hira Bahadur Maharjan)

Workshop-2: Magh-24, Group Theory (Prof. Dr. Hira Bahadur Maharjan)

Workshop-3: Magh-29, Group Theory (Prof. Dr. Hira Bahadur Maharjan)

Workshop-4: Falgun-7, History of Algebra and Development to Its Present Form (Prof. Dr. Pushpa Raj Adhikary)

Workshop-5: Falgun-10, History of Algebra and Development to Its Present Form (Prof. Dr. Pushpa Raj Adhikary)

Workshop-6: Falgun-14, Isomorphism Theorems and Automorphisms (Mr. Tulasi P. Nepal)

Workshop-7: Falgun-17, Group Theory (Prof. Dr. Hira Bahadur Maharjan)

Workshop-8: Falgun-21, Commutativity Degree of Finite Non-Abelian Groups (Dr. Bishnu Hari Subedi)

Workshop-9: Falgun-24, Commutativity Degree of Finite Non-Abelian Groups (Dr. Bishnu Hari Subedi)

Workshop-10: Falgun-28, Conjugate Classes and Class Equation for Groups (Prof. Dr. Pushpa Raj Adhikary)

Workshop-11: Chaitra-1, Sylow Theorems, Nilpotent Group, and Solvable Groups (Prof. Dr. Pushpa Raj Adhikary). The program was followed by Prof. Dr. Ajaya Singh's talk about some aspects of pi.

Workshop-12: Chaitra-5, Rings, Ideals, and Modules (Dr. Madhav Sharma)

Workshop-13: Chaitra-11, Rings, Ideals, and Modules (Dr. Madhav Sharma)

Workshop-14: Chaitra-19, Rings, Ideals, and Modules (Mr. Abatar Subedi)

Workshop-15: Chaitra-26, Rings, Ideals, and Modules (Mr. Santosh Gnawali)

Workshop-16: Baishakh 3, 2079, Free modules, Nakayama Lemma and Tensor Product (Mr. Santosh Gnawali)

Analysis Workshop Series Module-1

NMS has started Analysis Series Module-1 to be operational for six months since February 19, 2022. The series was inaugurated by the Dean of the Institute of Science and Technology (TU) Prof. Dr. Binil Aryal, also the chief guest. He lauded the NMS for conducting such an important program. The inaugural session was presided by the NMS president Prof. Dr. Narayan Prasad Pahari. Treasurer Ms. Anjana Pokharel welcomed the guests, facilitators, and the participants. The Joint-Secretary Dr. Iswar Mani Adhikari conducted the program. Moreover, Dr. Jeevan Kafle (Coordinator of Workshop Series) highlighted the features of the workshop series. The workshop series is being facilitated by 15 professors from various universities in Nepal, India, and abroad.

Analysis Series Module-1	
Coverage Area	Facilitators
1. Real Analysis 2. Complex Analysis 3. Harmonic Analysis 4. Fixed Point Theory 5. Functional Analysis 6. Fourier Analysis	❖ Prof. Dr. P. M. Bajracharya ❖ Prof. Dr. Chet Raj Bhatta ❖ Prof. Dr. Kanhaiya Jha ❖ Prof. Dr. Binod Dhakal ❖ Prof. Dr. Narayan P. Pahari ❖ Prof. Dayaram Paudel ❖ Prof. Dr. Chinta Mani Pokharel ❖ Prof. Dr. Ajaya Singh ❖ Dr. Dinesh Panthi ❖ Dr. Santosh Ghimire ❖ Dr. Dhruba R. Adhikari ❖ Dr. Debendra Banjade ❖ Dr. Iswari Jang Kunwar
Starting Date	Contact Person
Falgun 7, 2078 (Saturday) Time: 7:30 AM - 9:00 AM	Dr. Jeevan Kafle Coordinator Talk Series and Workshop Subcommittee, NMS
Organized by: Nepal Mathematical Society (NMS)	

In his concluding remarks, Prof. Pahari expressed his expectation that the workshop series will strengthen the knowledge base of various subjects of mathematics, enhance thematic capacity and motivate the participants to pursue research.

After the inaugural session, Prof. Dr. Prakash Muni Bajracharya oriented the participants on Mathematical Analysis. Until now, the workshop series has included the following topics.

Workshop-1: Falgun-7, Foundation of Analysis (Prof. Dr. Prakash Muni Bajracharya)

Workshop-2: Falgun-14, Foundation of Analysis (Prof. Dr. Prakash Muni Bajracharya)

Workshop-3: Falgun-18, Limit, and Continuity (Prof. Daya Ram Paudel)

Workshop-4: Falgun-21, Limit, and Continuity (Prof. Daya Ram Paudel)

Workshop-5: Falgun-25, Differentiation (Dr. Debendra Banjade)

Workshop-6: Falgun-28, Differentiation (Dr. Debendra Banjade)

Workshop-7: Chaitra-2, Multivariable Differentiation (Prof. Dr. Dhruba Adhikari)

Workshop-8: Chaitra-5, Multivariable Differentiation (Prof. Dr. Dhruba Adhikari)

Workshop-9: Chaitra-11, Multivariable Differentiation (Prof. Dr. Dhruba Adhikari)

Workshop-10: Chaitra-19, Complex Variables (Dr. Ajaya Singh)

Workshop-11: Chaitra-26, Complex Variables (Dr. Ajaya Singh)

Workshop-12: Baishakh 3, 2079, Recent Trends in Mathematics and Contributions to Other Disciplines and Sequence of Real Numbers (Prof. Dr. Chet Raj Bhatta)

Workshop-13: Baishakh 10, 2079, Sequence of Real Numbers and Evolution of Numbers (Prof. Dr. Chet Raj Bhatta)

Heartily Congratulations & Best Wishes to

NEPAL MATHEMATICAL SOCIETY
on the special occasion of its
44th Anniversary



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NMS Fellowship-2022 Distribution Program



Nepal Mathematical Society (NMS) has distributed NMS Fellowship 2022 to fifteen students and research scholars pursuing postgraduate, master of philosophy, and doctoral degrees in mathematics at various universities in Nepal. The program was held on March 17, 2022 at the National Academy of Tourism and Hotel Management (NATHM). Prof. Dr. Bhadrman Tuladhar as the chief guest and Dr. James H. Simmons, the Founder of Simons Foundation, and a chief donor to NMS, as a guest of honour were present at the event.

For the past few years, the Nepal Mathematical Society has been running various programs and projects with the financial support of the Nick Simmons Foundation (NSF). The following were the fellowship recipients.

Master's degree (for their excellent performances in their semester study)

- (a) Mr. Kshitij Mangal Bajracharya,
- (b) Ms. Ramuna Pandey,
- (c) Mr. Ramchandra Timilsina
- (d) Ms. Bhubaneswari Giri
- (e) Mr. Dilli Prasad Jaishi
- (f) Mr. Bishnu Prasad Gautam

MPhil degree

- (a) Mr. Chhabi Dhungana
- (b) Mr. Hari Prapanna Kandel
- (c) Mr. Gunakhar Pokharel
- (d) Mr. Shankar Pariyar

PhD Scholars

- (a) Mr. Badri Prasad Pangen
- (b) Mr. Bal Bahadur Tamang
- (c) Mr. Bharat Raj Wagle
- (d) Mr. Mohan Chandra Adhikari
- (e) Mr. Pitamber Tiwari
- (f) Mr. Pawan Shrestha
- (g) Ms. Tara Poudel



NMS President Prof. Dr. Narayan Prasad Pahari presided over the event and was conducted by Dr. Parameshwari Kattel, Secretary of NMS. Dr. Shree Ram Khadka, the Vice-President highlighted the program with recently accomplished events of NMS. Immediate past president Prof. Dr. Chet Raj Bhatta presented the accomplished and ongoing events supported by Simons Foundation. Mr. Bal Bahadur Tamang expressed gratitude to NMS and NSF and also promised the proper use of the received fellowship on behalf of all fellowship recipients.

Secretary Dr. Kattel also facilitated the interaction with the guest of honour Dr. Simmons. Dr. Simmons shared his thoughts and experiences from his mathematical studies, teaching, research, and personal and professional life, and entertained some queries of the audience.

Prof. Tuladhar in his remarks admired NMS for the ongoing activities of the Society. Prof. Pahari in his concluding remarks congratulated all the fellowship recipients and thanked all for their presence and supports at the program. He also thanked Mr. Rajesh Uprety, the Executive Director and the NATHM Family for their support.

News

Prof. Dr. Shailendra Kumar Mishra served for 39 years at Tribhuvan University and got retired from the Institute of Engineering (IOE) Pulchok Campus. NMS is sincerely thankful to him and wish for his good health and long life.

Condolence

Nepal Mathematical Society expresses deep condolence to our life member Gauri Shanker Shrestha (Advisor, 2060) for his untimely demise on November 6, 2021.

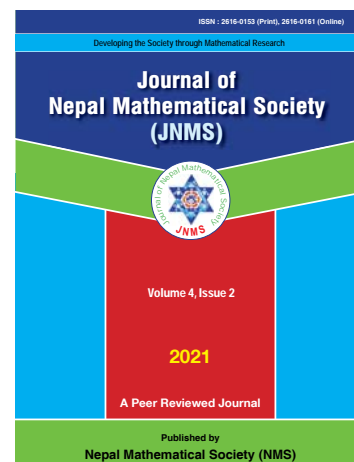
Publication of Vol. 4 (1) of JNMS

Volume 4 issue 1, Year 2021 of JNMS was published both in online and print version on May 14, 2021. It consists of eight research articles in different fields of pure and applied mathematics. NMS acknowledges all the authors and reviewers for their contributions in this issue.



Publication of Vol. 4 (2) of JNMS

Volume 4 issue 2 of JNMS was published both in online and print version on December 17, 2021. It consists of five research articles in different fields of pure and applied mathematics. NMS acknowledges all the authors and reviewers for the contribution in this issue.



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Proposed Programs

Society Day

NMS is planning to mark its 44th Anniversary on May 21, 2022. There will be felicitations of some distinguished mathematicians retired from their jobs. Dr. Shankar Raj Pant Award for the best research paper of a research scholar in Nepalese Universities will be awarded during the event. Moreover, two scientific talks will be presented.

Capacity Building Workshop

NMS has scheduled a Capacity Building Workshop for Mathematics Faculties of Grade 11 and 12 supported by Nick Simmons Foundation has been scheduled on May 28-31, 2022 in online mode, and on June 9-11, 2022 at physical presence at Ilam. The workshop will be focused on the following themes.

1. Curriculum and Curricular Materials
2. Mathematics Teaching Using ICT
3. Project work in Mathematics

Heartly Congratulations & Best Wishes to

NEPAL MATHEMATICAL SOCIETY
on the special occasion of its
44th Anniversary

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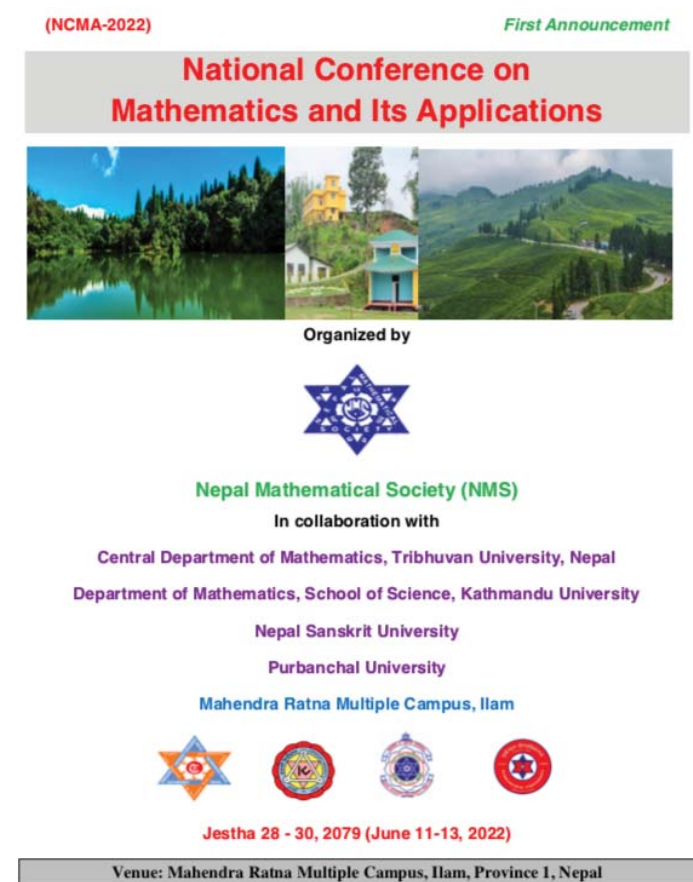
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- Core Course Discussions (Breaking preconceived ideas and removing misconceptions in students, Developing Mathematical language and writing skills, etc.)
- Assessments in Mathematics
- Tackling Multiple Choice Questions (MCQs) in Mathematics



National Conference

National Conference on Mathematics and its Applications (NCMA-2022) on June 11-13, 2022 at Mahendra Ratna Multiple Campus, Ilam has been scheduled. This event is planned in collaboration with the Central Department of Mathematics, Tribhuvan University, Department of Mathematics, School of Science, Kathmandu. University, Nepal Sanskrit University, Purbanchal University, and Mahendra Ratna Multiple Campus, Ilam. <http://nms.org.np/notice.html>



Activities of NMS Life Members

Kabita Luitel: Published Papers 'Stability and Convergence of Implicit Finite Difference Scheme for Bioheat Transfer Equation with Clothing Effect in Human Thermal Comfort', *Structural Integrity and Lie*, 21, Special Issue (2021), 21-28. <http://divk.inovacionicentar.rs/ivk/ivk21/023-IVKSpecialIssue-2021-KL-DBG-HK-KNU.pdf>

Paper Presentation/Participation in Conferences:

- Application of Bio Heat Equation in Human Thermal Comfort with and without Clothing, International Conference on Analysis and its Applications (ICAA-NEPAL-2021) organized by Nepal Mathematical Society (NMS) on April 9-11.
- Participation in the Lecture Series in Mathematical Research organized by the Association of Bangladeshi Women in Mathematics (ABWM) on 2nd October 2021.

Award/Grant: Full support, awarded from Chebyshev grant, to participate in the "International Congress of Mathematics (ICM2022)" as well as the "World Meeting for Women in Mathematics (WM²)" going to be held from July 5 to July 15, 2022, in Petersburg, Russia (virtual mode).

Dr. Phanindra Prasad Bhandari

Published papers:

- Bhandari, P. P. & Khadka, S. R. (2021). Lexicographically Maximum Flows under an Arc Interdiction, *Journal of Nepal Mathematical Society (JNMS)*, Vol. 4(2), 8--14. DOI: <https://doi.org/10.3126/jnms.v4i2.41459>
- Bhandari, P. P. & Khadka, S. R. (2021). Maximum Contraflow Evacuation Planning Problems on Multi-network, *Applications and Applied Mathematics: An International Journal (AAM)*, Vol. 16(1), Article 31. Available at: <https://digitalcommons.pvamu.edu/aam/vol16/iss1/31>
- Bhandari, P. P. & Khadka, S. R. (2021). Lexicographically Maximum Contraflow Problem with Vertex Capacities, *International Journal of Mathematics and Mathematical Sciences*, Vol. 2021, Article ID 6651135, 7 pages, 2021. DOI: <https://doi.org/10.1155/2021/6651135>

Dr. Iswar Mani Adhikari: Best Paper Award for, "Quickest Transshipment in an Integrated Network Topology", Adhikari, I. M., and Dhamala, T. N. In: First International Electronic Conference on Algorithms. Jointly organized by Algorithms, and MDPI, Sciforum, Basel, Switzerland, September 27-10 October 2021.

Best Paper Award for, Time Minimization Aspect on the Transit-based Evacuation System, Adhikari, I. M., and Dhamala, T. N. In: International Conference on Emerging Trends in Mathematical Sciences and Computing. Jointly organized by Society for Data Science, Institute of Engineering and Management, and University of Engineering and Management, Kolkata, India, February 5-7.

Dhana Kumari Thapa: Virtual participation in ICAA_NEPAL_2021, April 9-11, 2021. And a presentation on Students' Motivation and Perceived self-efficacy in Mathematics.

Gauri Bhuj: Published the article with the title "**Fuzzy Model of Transmission Dynamics of COVID-19**" in Preceding of the 2nd International Conference on Mathematical Modeling, Computational intelligence Techniques and Renewable Energy (MMCITRE-2021), AISC Volume 1405, 12 Dec. 2021. Published the article with the title "**Sensitivity and Bifurcation Analysis of Fuzzy SEIR-SEIDengue Disease Model**" in Journal of Mathematics, on 15 April 2022, Volume 2022, pages 1 – 16.

Bharat Raj Wagle: Published an article, Performance Analysis of Service System in Health Care Network Nepal, Journal of Mathematical Sciences (NJMS) Volume 2(2):2021. URL <https://www.nepjol.info/index.php/njmathsci/index>

Anjana Pokharel, Khagendra Adhikari, and Ramesh Gautam: awarded from International Mathematical Union with Graduate Assistantships in Developing Countries GRAID, 2021 to graduate PhD.

Khagendra Adhikari: Awarded from Shankar Raj Panta award 2021 for publishing a paper, Transmission dynamics of COVID-19 in Nepal: Mathematical model uncovering effective controls.

Ramesh Gautam: Awarded with the PhD fellowship and Research Support Grant from the University of Grants Commission (UGC).

Prof. Dr. Raju Ram Thapa: Organizer of a talk on *Importance of Mathematics* on 9th Shrawan, 2078. Charing a scientific session, in the International Conference on Analysis and Its Applications – 2021 on April 9 – 11, 2021 organized by NMS.

Dr. Deepak Basyal: Presented a paper '*Marriage, mathematics and poetry: A story of collaboration in mathematics from 1930s Nepal*' in the online workshop 'Marriages, Couples, and the Making of Mathematical Careers' organized by the University of Oxford and The Open University, England, April 29, 2021.

Published a paper, Basyal, D., Jones, D.L. & Thapa, M, Cognitive Demand of Mathematics Tasks in Nepali Middle School Mathematics Textbooks. Int J of Sci and Math Educ (2022). <https://doi.org/10.1007/s10763-022-10269-3>

Prof. Dr. Urmila Pyakurel: Digital Cooperation Fellowship of Alexander von Humboldt Foundation from August 1, 2021 to January 31, 2022, with Cooperation Partner Prof. Dr. Stephan Dempe, TU Bergakademie Freiberg Germany.

Remote Cooperation Abroad Fellowship of Alexander von Humboldt Foundation from March 1, 2022 to August 31, 2022, with Cooperation Partner Prof. Dr. Stephan Dempe, TU Bergakademie Freiberg Germany.

Coordinator of the workshop organized by Nepal German Academic Association (NEGAAS) on "Women in Science: Status, Challenges, and Innovations" on November 13, 2021.

Coordinator of the Workshop "Network Flow Models on Transportation Optimization for Emergency Planning", Jointly organized by Prof. Dr. Stephan Dempe, TU Bergakademie Freiberg Germany and Central Department of Mathematics, TU, Nepal on January 17, 2022

Presenter on the workshop organized by NEGAAS on, "Women in Science: Status, Challenges, and Innovations" on November 14, 2021, entitled, "Application of mathematics in evacuation planning".

Joint speaker with Prof. Dr. Tanka Nath Dhamala at the workshop organized by NEGAAS, "Managing Disasters Risk: A way to Sustainability" on November 21, 2021, entitled, "Scientific-models to optimize traffic congestion in emergency management". Panelists at the workshop organized by NEGAAS on "Managing Disasters Risk: A way to Sustainability" on November 22, entitled, "Disaster resilience and sustainable urban development."

Publications: Dynamic network flow location models and algorithms for quickest evacuation planning, Hari Nandan Nath, Urmila Pyakurel, Tanka Nath Dhamala, and Stephan Dempe, Journal of Industrial & Management Optimization, September 2021, 17(5): 2943-2970, doi: 10.3934/jimo.2020102

Network reconfiguration with orientation-dependent transit time. Hari Nandan Nath, Urmila Pyakurel, and Tanka Nath Dhamala. International Journal of Mathematics and Mathematical Sciences, 2021, Article ID 6613622, doi: <https://doi.org/10.1155/2021/6613622>

Universal maximum flow with intermediate storage for evacuation planning. Urmila Pyakurel, Stephen Dempe. Dynamics of Disasters, 2021, doi: https://doi.org/10.1007/978-3-030-64973-9_14

Maximum multi-commodity flow with intermediate storage. Durga Khanal, Urmila Pyakurel, and Tanka Nath Dhamala. Mathematical Problems in Engineering, Volume 2021, Article ID 5063207, <https://doi.org/10.1155/2021/5063207>

Network flows with arc reversal and non-symmetric transit times. Shiva Prakash Gupta, Urmila Pyakurel, and Tanka Nath Dhamala. American Journal of Mathematics and Statistics, 2021, doi: 10.5923/j.ajms.20211102.01

Dynamic Contraflow with orientation dependent transit times allowing intermediate storage. Durga Khanal, Urmila Pyakurel, and Stephan Dempe. The Nepali Math. Sc. Report, 2021, doi:10.3126/nmsr.v38i2.42700

Maximum Multi-commodity Flow with Proportional and Flow-dependent Capacity Sharing. Durga Prasad Khanal, Urmila Pyakurel, Tanka Nath Dhamala, and Stephan Dempe. Computer Sciences & Mathematics Forum, 2021. doi: <https://doi.org/10.3390/IOCA2021-10904>

Dynamic multicommodity contraflow problem with asymmetric transit times. Shiva Prakash Gupta, Urmila Pyakurel, and Tanka Nath Dhamala. Journal of Applied Mathematics, 2022, doi: <https://doi.org/10.1155/2022/3697141>

Prof. Dr. Dhurba Adhikari:

Publication: <https://doi.org/10.1016/j.jmaa.2020.124912>
Honoree faculty named by the recipient of the Outstanding Graduating Student Award (2021) in the Bachelor of Science in Computational and Applied Mathematics in College of Science and Mathematics at Kennesaw State University, USA.

Presented a contributed talk on *A topological degree theory for perturbed $AG(S^+)$ -operators and applications to nonlinear problems* at UNCG Greensboro Partial Differential Equations Conference, July 24-25, 2021.

Presented an invited talk on *Topological Degrees for Quasibounded Multivalued (\tilde{S}^+) -Perturbations of Maximal Monotone Operators*, International Conference on Analysis and Applications organized by NMS, Kathmandu University, Nepal, April 9-11, 2021

Keynote speaker at International Workshop on Applications of Geometric Methods of Functional Analysis celebrating the 100th anniversary of Mark A. Krasnosel'skii, May 3-5, 2022, The University of Texas at Dallas, USA

<https://www.utdallas.edu/~makarenkov/analysis2022/>
(Title of the talk: *Solvability of Inclusions Involving Perturbations of Positively Homogeneous Maximal Monotone Operators*)

Promoted to Professor of Mathematics from Associate Professor at Kennesaw State University, USA (approved in March 2022)

Prof. Dr. Mukunda Prakash Kshetree Published Papers:

- [1] Kshetree MP, Acharya BR, Khanal B, Panthi RK, Belbase S. Eighth grade students' misconceptions and errors in mathematics learning in nepal. *European J Ed Res.* 2021;10(3):1101-1121. doi: 10.12973/eu-er.10.3.1101
- [2] Acharya, B.R., Kshetree, M.P., Khanal, B., Panthi, R.K., & Belbase, S. (2021). Mathematics Educators' Perspectives on Cultural Relevance of Basic Level Mathematics in Nepal. *Journal on Mathematics Education* 12 (1)17-48. <http://doi.org/10.22342/jme.12.1.12955.17-48>
- [3] Kshetree, M.P., Belbase, S., Panthi, R.K. et al. Correction to: Epistemic errors in students' four fundamental operations of whole numbers: a radical constructivist grounded theory (RCGT) approach. *SN Soc Sci* 2, 37 (2022). <https://doi.org/10.1007/s43545-022-00331-w>
- [4] Panthi, R.K., Khanal, B., Kshetree, M.P. Acharya, B.R., & Belbase, S. Challenges of social justice in mathematics classrooms. *SN Soc Sci* 1, 227 (2021). <https://doi.org/10.1007/s43545-021-00233-3>
- [5] Khanal, B., Panthi, R.K., Kshetree, M.P. Acharya, B.R., & Belbase, S. Mathematics learning strategies of high school students in Nepal. *SN Soc Sci* 1, 156 (2021). <https://doi.org/10.1007/s43545-021-00165-y>
- [6] Belbase S, Panthi RK, Khanal B, Kshetree MP, Acharya BR. Preservice secondary mathematics teachers' actional beliefs about teaching geometric transformations with geometer's sketchpad. 2020;1(2):91-106. doi: 10.12973/ejmse.1.2.91

Promotion

Nepal Mathematical Society congratulates the following Life Members for their promotions.

1. Professors in Mathematics

Dr. Ajay Singh (Internal), Dr. Jivandhar Jnawali (Internal), Dr. Panch Dev Yadav (Internal), and Dr. Urmila Pyakurel (Open) have recently been recommended for the post of Professor of Mathematics at Tribhuvan University by the TU Service Commission.

Dr. Mukunda Prakash Kshetree has recently been recommended for the post of Professor of Mathematics Education at Tribhuvan University.

2. Associate Professors in Mathematics

Dr. Pushkar Raj Pokhrel, Dr. Gaj Ram Damai, Dr. Surendra Raj Pathak, Dr. Ranjan Kumar Singh, Dr. Iswar Mani Adhikari, and Mr. Nabo Narayan Jha have recently been recommended for the post of Associate Professor of Mathematics in Tribhuvan University by TU Service Commission.

Dr. Samir Shrestha is recently been promoted to the post of Associate Professor of Mathematics at the Department of Mathematics, School of Science, Kathmandu University.

Mrs. Tara Paudel Dhakal for the post of Associate Professor of Mathematics Education at Tribhuvan University.

Award of PhD Degree in Mathematics

Following Research scholars received PhD degrees in mathematics from different universities.

Hari Nandan Nath has completed his PhD degree in mathematics on the topic *Optimization Models and Algorithms for Evacuation Planning* in 2021 from Tribhuvan University, Nepal.



Kamalesh Kumar Lal Karn has completed his PhD degree in mathematics on the *Study on Fuzzy Mathematics with its use to Modify Some Theories of Games* in 2021 from Babasaheb Bhimrao Ambedkar Bihar University Muzaffarpur (India)



Sher Singh Raikhola has completed his PhD degree in mathematics on the topic *A Study on Contributions of Nepalese Mathematicians* in 2021 from Nepal Sanskrit University, Nepal



Jayanta Acharya has completed his PhD degree in mathematics on the topic *Descriptive Study on Bhaskara's Mathematics* in 2022 January from Nepal Sanskrit University, Nepal.



Award of M.Phil. Degree in Mathematics

Following Students received MPhil degrees from Tribhuvan University in 2021.

1. Thaneshwor Bhandari
2. Bal Bahadur Tamang
3. Pushpa Nidhi Gautam
4. Deepak Babu Amgain
5. Arjun Kumar Sunar
6. Hari Thapa
7. Madan Bahadur Chand
8. Atmaram Adhikari
9. Janardan Baral from School of Education, KU.

New Appointments

NMS extends congratulations on the appointments and promotions of the following NMS Life Members.

Prof. Dr. Ekaratna Acharya: Deputy Director, Office of the Monitoring Directorate, Kirtipur, TU. 2078-04-01.

Dr. Khageswor Mandal: Assistant Dean, Institute of Science and Technology, Kirtipur, Tribhuvan University on 2078-11-01.

Department Activities

MOU

Central Department of Mathematics Tribhuvan University, Nepal, Health Research Council (NHRC), and San Diego State University, USA signed in an MOU to conduct joint research activities.



Felicitations at Tri-Chandra Campus

The Department of Mathematics, Tri-Chandra Multiple Campus, TU felicitated the retired professors of mathematics on April 8, 2022. The program was chaired by



the HoD Prof. Sharada Shrestha. The Campus Chief Prof. Dr. Sunil Adhikari remained the Chief Guest. In the program conducted by Dr. Parameshwari Kattel, all the guests and the faculties were welcomed by Mr. Ganesh Basnet. Prof. Dr. Dal B. Adhikari, Ms. Krishna Mani Joshi, Mr. Nissar Ahamad, Mr. Kulananda Chaudhari, Mr. Mukunda Bahadur Shrestha, Mr. Keshav Lal Shrestha and Mr. Bhai Raja Ranjit were felicitated for their unforgettable service to the Department.

NMS Nominated to NAST Academic Council

The President of Nepal Mathematical Society is nominated as a member of the NAST Academic Council on Kartik 29, 2078 for two years period as per the recommendation of the Chancellor of NAST among the Nepalese Scientific Societies.

Province Activities

Province 1

1. NMS Province 1 organized a four-day online training for the teachers of Grade 11 & 12 from Jestha 2, 2079 on Teaching Project Work & Mathematical Computation. The program was chaired by the president of NMS Province 1 Dr. Manoj K. Raut. Prof Dr. Prakash Muni Bajracharya, Dr. Parameshwari Kattel, Dr. Santosh Ghimire, and Dr. Jeevan Kafle facilitated the sessions.



2. NMS Province-1 donated Rs. 35,222 on August 14, 2021, for the treatment of a life member of NMS.
3. Prof. Dr. Raju Ram Thapa and Dr. Manoj Kumar Raut had a coordination meeting with Social Welfare Minister Honorable Jay Ram Yadav on behalf of NMS.



4. A team of NMS Province 1 co-ordinated with the stakeholders of Illam (Campus chief; MRM Campus, Illam & Head of Trade & Industry, Hotel Association, and President of District Development Committee) on 17th Magh to 19th Magh, 2078 for NCMA-2022 which is going to be held at Illam.

5. Pi (π) Day was marked on March 14, 2022, in collaboration with the Department of Mathematics, PG Campus, Biratnagar. Two senior teachers Dr. Sitanshu Shekhar Chaudhary and Dr. Tilak Ram Sardar were felicitated during the event. A talk on *Mathematics Unites* was also delivered.

On the same day, various programs were held in different colleges: MMAM Campus, Himalayan Darsan College, SASTHM College & Bhanu +2. A discussion on the *Importance of Mathematics*, where Prof. Dr. Raju Ram Thapa, Dr. Suman Kr. Jha, Mr. Shyam Kr. Jha, Prof. Dr. Raj Narayan Yadav, Dr. Pawan Kumar Karna, and Dr. Manoj K. Raut were the panelists.

Madhesh

NMS Madhesh organized a Workshop on *Research Writing and Publishing*, which was facilitated by the NMS Madhesh Province President Dr. Sushil Chandra Karna. The event was held at RMC, SSMYM Campus, Siraha on October 1, 2021. Dr. Karna delivered a talk on the *Importance of Mathematics* organized at Post Graduate Campus, Department of Mathematics, Biratnagar on Shrawan 9, 2078.

Gandaki

1. NMS Gandaki Province has published an issue of *Gandaki Journal of Mathematics*.
2. Mini-research grants have been awarded to two mathematics research scholars.
3. NMS Gandaki donated Rs.26,505 to Ram Man Smriti Kosh and Rs.10,000 for the treatment of a life member of NMS.

Sudurpashchim

1. Chairman Raghubir Bhatta and member Harsh Bahadur Chand of the NMS Sudurpashchim Chapter participated and presented papers in ICAA-2021.
2. NMS Sudur Pashchim conducted a TPD training for secondary school teachers for 3 days during 2078 Paush 25 to 27. Mr. Raghu Bir Bhatta, Mrs. Radha Bist, and Lal Bahadur Kadayat were the facilitators.
3. NMS Sudurpashchim conducted SPSS online training from Falgun 5, 2078 to Falgun 8, 2078, which was facilitated by Mr. Harsh Bahadur Chand.
4. Sudurpashchim Province Committee of NMS celebrated International Mathematics day (Pi Day) on March 14, 2022, at Aishwarya Multiple Campus. A discussion on the *Project work of class 12* was held during the event. Twenty members from different schools participated on the discussion.

INTERVIEW

The promotion of independent and autonomous learning in mathematics is necessary for higher-level learning of mathematics.

Prof. Dr. Hira Bahadur Maharjan



Prof. Dr. Hira Bahadur Maharjan, a well-known Mathematician of Nepal, also remained the Principal of the University Campus, Kirtipur, and Vice-Chancellor at Tribhuvan University. He had started his teaching career at Prithivi Narayan Campus, Pokhara. Prof. Maharjan has received many awards and recognitions for his outstanding performances and contributions to Mathematics and Mathematics Education. What follows is an interview with Prof. Maharjan by the NMS Secretary Dr. Parameshwari Kattel and an EC member Dr. Jeevan Kafle for the Newsletter of Nepal Mathematical Society.

Q: Prof. Maharjan, will you please tell us something about your family background?

➤ Sure! I was born into a peasant family in 1953. But, there were multiple vocational skills in the family members for the livelihood. My father was a carpenter, my mother managed handloom for the family clothes, and the rest of the family members were engaged in agricultural activities. The family at that time was self-sustained on food and clothes. It was hard to have cash at hand and this was fulfilled by the father's occupation as a carpenter. The family was a lower-income family. It was really difficult to manage money for educating the children. Considering my family background at that time, I should have become a farmer.

Q: Then, how did you start your formal education? Please tell us some more about your school and university education.

➤ At that time, schools were not easy to access for the people living around Kirtipur. The literate or educated ones used to support the community siblings for reading, arithmetic, and writing, as informal schooling. I used to go to an educated person's house for education. My Nepali language was not good but could do mathematics a bit better and produce few words in English. One of my friends was admitted to a school that also made me tempted to go to a school. I went to get admission and with the knowledge of informal education I had, I got admission in grade 6 at Shantinikunja Vidhyalaya Bhagawatibahal Kathmandu. Daily, I had to commute the distance on foot. I used to go to school daily but sometimes bunked the classes because of the poor Nepali language. I could not speak well and felt difficult to understand sometimes

what the teachers are teaching. Frankly to say, this made me depressed. I used to go to school with friends but did not enter the class feeling depressed. Days passed, and one day I decided to discontinue, but I realized that I had already spent Rs. 13.25 for admission. I proposed to my mother that I'd give up school and return the money working in the labor field. As I communicated to my mother, one of my brothers took me to school, it was because of my mother's advice it was done, and pushed me to Nepali language class, informed the teacher, and went out. Since that day I continued with greater difficulty with the language of instruction and the Nepali language course. At the annual examination, I failed in two subjects but still was promoted to grade 7. With one more year of education, I, not only improved my Nepali language but also in other subjects too. From grade 8, I started to compete with the 1st, 2nd, and 3rd position holders in the class. In SLC examination, I could not secure the first division; it was with the highest second division, a few marks less than the first division. For higher education, I got admitted to Amrit Science Campus in I.Sc. The college was farther from my house and it needed much expense and time. That became difficult and finally, I dropped out. After this, I started to work as a carpenter, which I learned with my father at home. One day, a difficult situation happened to me. I was good at doing carpentry works and because of this, I was sent to set doors in a newly constructed house. It was a tough job for me, and I could not perform well. Since that day, I stepped down from that work too. I had SLC education and typing training too. There was a job vacancy in Tri-Chandra College for a typist. I went there to apply for the position but the person who was in charge of collecting the applications wondered why I was applying for the job. He added, "You have very good marks at SLC, and why don't join the college for your higher studies?" I did not have the answer at that moment. I just said to him "Please take this application today, and I will not attend the interview". I did the same. This event changed the course of my life. I joined Mahendra Ratna Campus Basantpur in Humanities. I studied there and passed I. A. in the second division. I was not a very serious student in the eyes of the principal and the teachers. As I went to take the certificate, the principal did not believe that I grabbed a good result. As I had another friend with the same name as mine, the principal became reluctant to offer the certificate. I told him I would go home and bring all the documents to justify this. Having seen my confidence, the principal gave me the certificate. At that time, I studied two streams, viz I. A and I. Ed in the same academic year. There was a rule that one cannot graduate with the two degrees in the same academic years, so I had to drop I.Ed. I joined Saraswati Campus for my B.A. It was far from my house, I used to walk daily from Kirtipur to Thamel which was difficult. The class was in the evening, and I usually reached home at 10 pm. I could not commute this distance and gave up my study. Later I joined B. Ed. in Kirtipur. I was the first batch of the B.Ed. student in the semester system at Kirtipur Campus. After completing my B. Ed. in mathematics, I started teaching in a high school and was a permanent teacher. During my teaching, I joined M. A. in mathematics. I wanted to continue studying with a teaching job, but it was not possible due to law, and I gave up the teaching job at school and completed my M. A.

My first university teaching was started at Prithvi Narayan Campus. Pokhara. At that time, there were not sufficient teachers of mathematics. So, I taught many subjects, which improved my knowledge. The pass rate was also remarkably increased. I spent two and half years there. Later I came to Kathmandu and worked at the Research Division of Tribhuvan University for another three years. After this, I came to Kirtipur Campus, TU to teach mathematics at the Department of Mathematics Education Department. I worked there very honestly using my full strength from 10 am to 5 pm. I also got chances to visit university campuses outside the valley for organizing workshops for the teachers with the support of the Swiss Project in mathematics education. The Swiss experts (professors) were satisfied with my performance. They provided me the opportunity for further study with a scholarship for PhD study in mathematics education at the University of Philippines. I had already been there for training and workshop. I studied mathematics education courses that consisted of both content mathematics and education pedagogy. At the time of pursuing my research thesis, I changed my mind and registered PhD in content mathematics. The university accepted me because of my performance in taught content courses. In the university, students of mathematics education took education and pedagogy-related courses from the Department of Education and mathematical content courses from the Department of Mathematics. As I did both course-works, it made me possible to pursue PhD in content mathematics areas. I did my PhD in geometry where algebra was used abundantly.

Q: Prof. Maharjan, how do you remember your long-term service at TU as a part of mathematics professor and as the Vice-Chancellor of TU? Will you please also share something that you wanted to implement at Tribhuvan University but could not? What were the challenges?

➤ I started teaching at university 44 years ago and spent 40 years at Tribhuvan University. It was almost half of my life. The professors were recognized as prestigious classes in the past. Now, the value is declining. I think we need to gain back the prestigious position. I enjoyed teaching from my inner heart considering teaching a good profession and did not think to teach as a business that can make me rich enough. I did not mind the time spent with the students, I took this happily because I could see the success of students through my teaching and that encouraged me to do more. I never thought I chose the wrong profession.

It was a surprise gift in my life to get the opportunity of leading Tribhuvan University as a Vice-Chancellor. As I have mentioned earlier my family background, the struggle for education and the success reaped in education. To get this prestigious position was a surprising thing, but it happened because of my dedicated service at Tribhuvan University. I used my full strength for its betterment. The moment was a period of political transition and so many issues were there. Political intervention in higher education was a lot. However, we three leaders had a good understanding to institutionalize the university with new programs and improvement in the existing programs. There were financial constraints and issues too. It was resolved to

some extent. Re-introduction of the semester system, preparation of the master plan, allocating of budget for the construction of the earthquake dismantled infrastructures, ensure retirement benefits like initiatives were the major achievement of my tenure. We wanted to set up Centre of Excellence in different areas and particularly the central campus of Kirtipur, for its research capacity seen in professors and implement the semester system fully in all programs including some administrative improvements. These were, however, uncompleted tasks as planned. Providing leadership in higher education in Nepal is not an easy job, several factors – endogenous and exogenous collide with each other while taking some new initiatives. A balance of powers between these forces and an abundance of financial resources and human resources were the main hurdles to accomplishing the mission. What we did at that time was minimum but not optimum.

Q: Prof. Maharjan, although your research area is geometry, it seems that your area of interest is modern algebra. Will you please like to add some more about it?

➤ Of course, my field of research is not algebra. It was geometry (affine geometry) where algebra is used as a tool of research. I used to teach algebra before going to my PhD study in the Philippines. I studied advanced courses in algebra at the University of Philippines and used them in my PhD study. I wanted to pursue PhD research in algebra but due to the lack of a supervisor in this field, I chose geometry. My interest, motivation, and study of advanced courses in algebra inspired me to work more on algebra. When I returned to Nepal from my PhD study, I continued teaching algebra.

Q: Prof. Maharjan, what is the status of research in algebra in Nepal? What are the excitements and challenges?

➤ Many faculties did PhD research in the field of algebra from abroad. Some of them had already been retired and some are still working. However, if we talk about the research done at Tribhuvan University in the field of algebra, the number is very low in my knowledge. Some students registered in this field but did not complete the study. Currently, one scholar is working on commutative algebra. I am one of his supervisors. I used algebra in my research, taught many years of the courses, and did advanced courses in algebra that inspired and capacitated me to take the role of a supervisor, even if it is a very hard job. The scholar is doing well in his study. I thought it is necessary to run research courses in algebra to expand its scope and even motivate the young mathematicians in this field. We are teaching this course in Science, Art, and Education, but less emphasized in the preparation of the research scholars in this field and a good teacher. It is therefore, I took this responsibility of hard work of being a supervisor for his research and I am happy at this moment.

The very inspiring thing in Nepal in the field of mathematics is the number of students studying mathematics. If we improve algebra teaching with advanced courses focusing on research that can increase the number of research graduates in this field. We need to rethink the courses and the teaching methods too. The focus should be given to problem-solving rather than on

teaching the theories only. It demands faculty's capacity development and international collaboration in the field of research, which is the main challenge ahead in the university. This initiative has been started now and should be continued. Research grants and research culture are other important aspects. Institutionalizing this is a big challenge.

Q: Prof. Maharjan, mathematics can be a challenging subject for some students, how can we make it interesting to them?

➤ The field of mathematics from school to university is challenging and people consider mathematics the most difficult subject all over the world- a prevailing belief in all. The most important thing is the approach we take in teaching the subject. The process is important to get better results in the field of mathematics rather than product-oriented teaching. I want to share a Chinese proverb here that is relevant to think about in the approach to teaching mathematics, ... and it applies to algebra too:

*I hear and it helps a little
I see and ideas begin to form
I do and ideas become real to me
I do, see, and hear I understand
I talk about it and I understand more
I apply it and I see its value.*

This proverb emphasizes the process of doing and reflecting rather than rote-learning. The approach of teaching-learning must be switched from a rote-memorization type, a lower-order thinking promotion process to higher-order thinking skills. Mathematics is mostly learned with less emphasis on the sense and meaning-making of mathematics in Nepal. I am not against the memorization of the mathematical facts and principles they are the building blocks of mathematics but emphasizing them reduces the higher-order thinking. Meaningful understanding and seeing its applications in building mathematics and their applications in other areas are more important. The field of applications of mathematics is much bigger than that of the past and awareness of these aspects and a multi-disciplinary approach is essential to growing research activities in the field of mathematics. More options to be provided to the students to study mathematics, and no restrictions necessary to be stick to a disciplinary boundary. Let everyone come to this field by doing advanced courses offered by the universities, particularly for the promotion of applied mathematical research. If some students feel foundational mathematics lacks, they should have the option to take courses with mentoring facilities. A systematic but flexible curricular provision is the present requirement in my observation.

Q: Prof. Maharjan, is there any problem with our curriculum? If so, what changes should be brought for the popularization of mathematics?

➤ Two ideas are confronting in curriculum making. One is increasing the contents in the curriculum, and the other is making the contents meaningful understanding by downsizing the content amount for making a mathematics curriculum worthwhile. Contents are

important but if the contents we deliver make less sense and meaning to the students, we need to rethink them and present them in a different approach. This needs a deep analysis of the implemented curriculum. Side by side, we need to listen to the international practices too, because the curriculum we provide should meet the international standards. After all, our students have to compete globally. So, a tight balance is necessary to make mathematics popular. The great focus should be on undergraduate mathematics. The teaching approach is important to remove the stereotype that mathematics is a difficult subject. So, important aspects are the pedagogy which we give less value. The students who are coming to master's degree study have studied contents a lot, but they have not understood things meaningfully and cannot see the applications and quickly forget what they learned. So, a balance in the contents and pedagogy is the most.

A semester system can give many opportunities to introduce different content areas in a balanced way and the process of learning becomes more focused. In my observation, it is necessary to introduce a semester-based curriculum at all levels of the universities. Technical disciplines have some hierarchy in knowledge, and it should be considered seriously in designing curricula starting from foundational to higher-level contents (higher-order thinking). The promotion of independent and autonomous learning in mathematics is necessary for higher-level learning of mathematics.

Next thing, now there is a lot of innovation in pedagogy using information and communication technology that is used in mathematics teaching and learning. This needs to be considered in making the curriculum for the 21st century. The fields of mathematics that are necessary for this century are changing and we need to consider these aspects too. Diversity in mathematics programs is essential. The mathematics needed for industry, commerce, technology, and other fields of study are the concerns that need to be addressed while making curriculum, a diversity principle. Classroom teaching and assessment are the important avenues that make mathematics a cup of tea for all interested ones. Rethinking the assessment system is necessary for the promotion of higher-order thinking in mathematics. Memory-based reproduction/promoting types of tests and assessments can not support the mission of producing good mathematicians. The job of making a relevant curriculum is a tough task, and designing an appropriate curriculum is always a debatable field, however maximum balance of the concerns of different sectors is important.

Q. Prof. Maharjan, how do you see the future of mathematics in Nepal?

➤ As I have already mentioned that the number of mathematics students can be seen in developing countries, and it is seen in Nepal. However, at this moment the trend of decreasing mathematics students is observed compared to the last few years. The increasing interest of students to study mathematics is a bright aspect. But, how to support them in learning mathematics is a challenging aspect that everyone needs to think about it. Now, those who study mathematics have working fields as teachers or professors and government services in administrative works, so it

is necessary to think of applied fields of mathematics based on the analysis of the employment sectors in the 21st century so that attraction to study mathematics increases and graduates employability can be ensured.

Q. Prof. Maharjan, your views on our last couple of questions are very useful to the policy makers of the education system. Nepal Mathematical Society can only advocate such recommendations. Finally, we request you to suggest the roles that the Nepal Mathematical Society should play in the future for the betterment of mathematics education and research in Nepal.

➤ NMS is a professional society and has an important role in the popularization of mathematics and the improvement of mathematics education, research, and applications. Increasing national and international networks of the professional society to bring reform in teaching and research in mathematics should be the primary role of the Society. Figure out what type of mathematics is necessary for school education and higher education should be the working area of the professional mathematics society. So, conducting research and disseminating the results to the policy people and the educators is a creditable activity for the Society. This can bring a good mathematics education to the country. Preparation of the content and process standards for different levels of mathematics is a lacking aspect in Nepal. NMS can add contributions in this area. At present, NMS is establishing international and national networks, conducting publications and dissemination of the applications of mathematics, and promoting research are noteworthy. This function should be further strengthened in a wider scope of the applications of mathematics. This way, NMS can be a leading professional organization in the country.

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on the special occasion of its
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Short Biography



Prof. Dr. Dal Bahadur Adhikari

About Family

Prof. Dr. Dal Bahadur Adhikari was born on October 18, 1955 (BS 2012 Kartik 2, Sunday) in Kolkata (also known as Calcutta), India. His father Mr. Khum Bahadur Adhikari was an employee at Victoria Memorial Hall, Kolkata and his mother Bhupata Adhikari was a housewife. He was the elder son among three sons and two daughters of his parents. His permanent residence is at Lamakharka, Baletaksar, Gulmi, where he lived in his childhood with his mother. He was married to Bishnu Kala Adhikari in BS 2041 who is a housewife. They have one son and two daughters. The son Binod is a computer engineer in Nepal and the two daughters Bindu and Bandana are currently living in the UK. Presently, Prof. Adhikari is living with his family at Budhanilkantha-1, Kathmandu.

Education

He started his primary education at Shree Jhamadi Lamakharka Primary School Gulmi. He continued his lower secondary school at Shree Ishwari Secondary School, Charpala, Gulmi. He completed his secondary school education at Shree Ridi High School, Gulmi. Prof. Adhikari passed School Leaving Certificate (SLC) equivalent to Matriculation from Ridi High School Gulmi with first division in 2030 BS (1972/73). He passed his Intermediate of Science (I.Sc.) from Amrit Science College (ASCOL), Tribhuvan University, Lainchaur, Kathmandu in BS 2032 (1975). He got an opportunity with a full scholarship from the Ministry of Education, Nepal for further study and went to Moscow in 2032 (1976). He received his BSc Honors with a major in Mathematics and Physics from the People's Friendship University of Russia (PUFR). He obtained his MSc degree with Major Mathematics with distinction from same the University in June 1982AD (BS 2038). In 1982, he came back to Nepal. He completed his Doctor of Philosophy (PhD) in Mathematics from Kathmandu University in collaboration with the Peoples' Friendship University of Russia, Moscow in September 2000 AD under the joint supervision of Prof. Bhadra Man Tuladhar (KU) and Prof. V. N. Maslennikova (PUFR). The title of his Ph.D. thesis is "*The Cauchy Problem for a Sobolev Type System in Hydrodynamics of Rotating Fluid with Heat Transfer*". His research interests are related to Function Spaces, Partial Differential Equations, and Mathematical Modeling.

Academic Service:

Professor Adhikari started his teaching career as Assistant Lecturer in Mathematics from Padma Kanya Campus, Kathmandu from March 1983 AD to August 1993. He was

promoted to the post of Lecturer in Tri-Chandra Campus in Aug 1993. He served as an Associate Professor at Tri-Chandra Campus, Kathmandu from December 2003 to March 2009. He was promoted to the post of Professor of Mathematics by Tribhuvan University Service Commission in April 2009 and kept on working in Tri-Chandra Campus until his retirement on May 15, 2015 (2072 Chaitra 1). Besides these services at the Tribhuvan University, he was actively involved in teaching Mathematics at Nepal Science Campus, Kathmandu (July 1989-Feb 2004), Kathmandu Valley Campus (July 1985 – June 1991) as a Part-time Lecturer at Kathmandu University (July 1991 – Feb 2004) and National College, Baluwatar (July 1996 – Feb 2004) as a Visiting Faculty. He served as a Mathematics tutor at Greater London Tutorial Institute, London (July 2005 – Feb 2008). During his teaching profession, he has been popular amongst his students as an ideal teacher with simplicity and honesty.

Membership and Affiliations

Professor Adhikari is a Member of the American Mathematical Society and a Life Member of the Nepal Mathematical Society. He was Vice-President of the Association of Friends RUDN-NEPAL. On several occasions, he remained a member of the Mathematics Subject Committee at Tribhuvan University.

Scholarships Received

Professor Adhikari has received a scholarship from the University Grants Commission, Nepal for his PhD study at Kathmandu University and a full scholarship from the Ministry of Education, Nepal in the Study for higher degree study in Moscow, USSR, 1976 –1982.

Medals and Prizes Received

Professor Adhikari has been awarded by Mahendra Bidhya Bhusan Padak 'Ka' in 2001; Shikshya Puraskar (Educational Prize) by Ministry of Education Nepal in 1988; Mahendra Bidya Bhusan Padak 'Kha' in 1983 and Dirgha Sewa Padak (Medal for 25 year's service period) by Tribhuvan University in 2007.

Languages Known: English, Russian, Nepali, Hindi

Countries Visited: The United Kingdom, Former USSR, Italy, India, China, Thailand, UAE,

Participation

- **Third National Conference of Mathematics** on Jan 20 – 22, 2012, and presented a paper on "Fundamental Contributions of S. L. Sobolev in different Fields of Mathematical Sciences".
- **Seminar on Analysis and Differential Equations** on April 1 – 8, 2004, and delivered a talk on "A Sobolev-type System", School of Mathematics, Cardiff University, UK.
- **World Mathematical Year 2000, National Seminar on Mathematics** on Feb 8 to 10, 2001, and presented a

paper on “Relevance of Undergraduate and Graduate Level Mathematics Curriculum in the Universities of Nepal and Problems in its Implementation”, Kathmandu.

- **International Meeting of Graduates and Theoretical Conference** on Feb 5 – 18, 2000, and presented a paper on “A study of a Non-linear Model in Hydrodynamics”, Moscow.
- **Third National Conference on Science & Technology** on March 8 – 11, 1999, and presented a paper on “Construction & Investigation of a Cauchy problem Solution of a Sobolev-type system”, NAST, Kathmandu.
- **Workshop on Functional Analytical Methods in Complex Analysis & Use in Partial Differential Equations** on Feb 8 – 19, 1988, Trieste, Italy.

Publications

Research Papers

- *A Simple Mathematical Model for the General Circulation of the Atmosphere*; YETI Journal of Mathematics, 2012.
- *Asymptotic Behavior of the Solution of a Cauchy Problem for a Sobolev type System*; The Nepali Mathematical Sciences Report, 2009.
- *Relevance of Undergraduate and Graduate Level Mathematics Curriculum in the Universities of Nepal and Problems in its Implementation*; National Commission for UNESCO/HMG, Nepal, 2002.

- *On the Cauchy Problem for a Sobolev Type System in Hydrodynamics of Rotating Fluid with Heat Transfer*, The Nepali Mathematical Sciences Report, 2001.
- *Asymptotics in Hydrodynamics of Rotating Fluid with Heat Transfer*, Bulletin of Peoples' Friendship University of Russia, Moscow, 2001.
- *On the Properties of a Cauchy Problem for a Sobolev Type System*, Nepal Journal of Science and Technology, RONAST, 1999.
- *A Cauchy Problem Solution for a Sobolev Type System*, The Nepali Mathematical Sciences Report, 1997.

Text Books

- *A Textbook of Mathematics*, for Grade XI, 2010.
- *A Textbook of Mathematics*, for Grade XII, 2011.
- *Optional Mathematics*, a Preliminary Introduction, 2002.
- *Optional Mathematics*, Secondary Level, Parts 1 & 2, 2001.
- *Elements of Mathematics*, Higher Secondary Level, Parts 1 & 2, 2001.
- *Concise Business Mathematics & Statistics*, Undergraduate Level, 1999.

This Biography is prepared by
NMS President Prof. Dr. Narayan Prasad Pahari.

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List of Late Life Members

S.No.	NMS No.	Name	Remarks
1.	0001	Late Prof. Dhup Ratna Bajracharya	Advisor, 2063, 2060; EC Member, 2044; President, 2035
2.	0002	Late Gauri Shanker Shrestha	Advisor, 2060
3.	0003	Late Prof. Dr. Lalata Prasad Jaiswal	
4.	0004	Late Dr. Raj Deo Prasad Kushwaha	
5.	0005	Late Prof. Dr. Ram Man Shrestha	Advisor, 2063, 2060, President, 2044, Ec Member, 2050, secretary, 2035
6.	0006	Late Tirthananda Vaidya	Joint Secretary, 2044
7.	0007	Late Dr. Tulsi Upadhaya	
8.	0008	Late Shree Krishna Dahal	
9.	0009	Late Som Kanta Khanal	
10.	0010	Late Prof. Dr. Yoga Ratna Sthapit	Advisor, 2063

Life Members of NMS

11	Aashis Baral
12	Abatar Subedi
13	Achala Adhikari
14	Agni Datta Joshi
15	Ajay Kumar Chaudhary (Treasurer, 2075)
16	Ajaya Basnet
17	Prof. Dr. Ajaya Singh (EC Member, 2075)
18	Ajit Poudel
19	Aman Pathak
20	Amar Bajracharya
21	Amar Bahadur Karki
22	Amar Kumar Jha
23	Assoc. Prof. Amarendra Kumar Singh
24	Amarnath Shah
25	Amba Dutta Joshi
26	Ambar Syantan
27	Amir Bake
28	Amir Raj Adhikari
29	Amresh Man Singh
30	Amrit Gautam
31	Ananda Krishna Shrestha
32	Ananda Parsad Shrestha
33	Assoc. Prof. Ananda Prasad Pant
34	Ananta Acharya
35	Ananta Upreti
36	Anil Chandra Jha
37	Assoc. Prof. Anil Kumar Jha
38	Anish Uprety
39	Anisha Pathak
40	Anjana Bhandari
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 Gurangain
64	Baburam Devkota
65	Baburam Neupane
66	Baburam Panta (1)
67	Baburam Panta (2)
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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
84	Prof. Dr. Basant Raj Adhikari (EC Member, 2063)
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

94	Prof. Dr. Bhadra ManTuladhar (Advisor, 2072, 2078; Vice-President, 2044; President, 2066, 2069)
95	Bhadra Raj Tripathi (1)
96	Bhadra Raj Tripathi (2)
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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
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146	Binod Prasad
147	Binod Prasad Lamsal
148	Binod Prasad Panta
149	Binod Rimal

150	Binod Shah
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152	Binshu Prasad Pandey
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175	Dr. Buddhi Prasad Sapkota
176	Buddhi Raj Pantha
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183	Chandra Limbu
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187	Chhabi Siwakoti
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192	Chok Raj Dawadi
193	Choodamani Bhattarai
194	Prof. Dr. Choodamani Joshi (Advisor, 2072)
195	Choodamani Timalsina
196	Chuda Prasad Pokhrel
197	Dr. Chudamani Paudel
198	Chudamani Pokharel
199	Chudamani Timalsina
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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
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221	Dhaka Mohan Basnet
222	Dhalak Prasad Adhikari
223	Dhan Bahadur Thapa
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225	Dhan Raj Char
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235	Dhurba Lal Gaire
236	Assoc. Prof. Dhurba Raj Sigdel
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253	Prof. Dinesh Raj Pant
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255	Dipak Pandey
256	Dipak Pandit
257	Dipak Raj Aryal
258	Dipak Babu Amgain

259	Dipandra Phuyal
260	Dipendra Baral
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283	Ganesh Bhandari (EC Member, 2066)
284	Ganesh Ghimire
285	Ganesh Kamansingh Rawal
286	Ganesh Kumar Dhakal
287	Ganesh Kumar Karki
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289	Ganesh Prasad Pandey
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291	Ganesh Shiwakoti
292	Ganga Ram D.C.
293	Dr. Ganga Ram Phaijoo
294	Gauri Bhujju
295	Gauri Das
296	Genesh Shiwakuti
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299	Assoc. Prof. Dr. Ghanshyam Pant
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309	Dr. Gokul K.C.
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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
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329	Gyan Prasad Poudel
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 Pd. 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 Upadhaya
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; Secretary, 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
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404	Jhal Prasad Adhikari
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416	Juju Bhai Manandhar (2)
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423	Kailash Ghimire (2)
424	Dr. Kaji Prasad Ghimire

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429	Kamal Prasad Gautam
430	Kamal Pariyar
431	Kamal Paudel
432	Kamal Prasad Aryal
433	Kamal Raj Bhandari
434	Kamal Raj Joshi
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446	Kedar Prasad Nepal
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449	Keshab Prasad Parajuli
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457	Keshav Paudel
458	Dr. Keshav Raj Acharya
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462	Khagendra Pradhan
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468	Khim Raj Shrestha (2)
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495	Krishna Prasad Jnawali
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770	Ram Prasad Subedi
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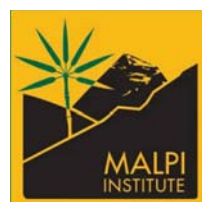
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