



Newsletter

नेपाल गणित समाज

NEPAL MATHEMATICAL SOCIETY

Established in 2035 BS (1979 AD)

website : www.nms.org.np

Issue No. 16, May 2020

Editorial

First of all, we wish you all Happy New Year 2077 and wish for your sound health, peace and prosperity. We also suggest you to take keen care of yourself and stay safe from COVID-19.

Nepal Mathematical Society (NMS) is an organization for mathematics professionals in Nepal and abroad. NMS regularly conducts different activities such as workshops, seminars, monthly talks, and national and international conferences. We are extremely delighted to bring out this 42nd issue of NMS newsletter on the auspicious occasion of its 42nd anniversary. From the past decades, NMS is actively involved in various activities to uplift the status of mathematics in Nepalese context. We believe that NMS can play a crucial role to ensure fast progress of mathematical activities and to give positive message about popularization of mathematics among mathematical and non-mathematical communities. Keeping this fact in mind, present executive committee has tried to raise its activeness and sincerity.

The newsletter highlights the activities of the society and its members during the first Baisakh 2076 to the end of Chaitra 2076 (14 April 2019- 12 April 2020). In this issue, we have included an interview of Prof. Dr. Santosh Man Maskey and a brief biography of Prof. Prakash Ratna Shakya, two reputed mathematicians of Nepal. We express our best wishes to all our valued life members and the organizations that have supported us in many ways to strengthen the activities of NMS, and hope for the same for the years to come.

Editorial Board

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Message from the President

Dear Valued NMS Members,

The outbreak of the corona virus disease (COVID-19) has been declared a pandemic by the World Health Organization (WHO) and the virus has now spread globally. In this critical situation, I hope that all of you are safe at your place taking care of yourself and your family. It is important to remember that COVID-19 does not much differentiate the borders, ethnicities, disability status, age or gender. Thus, following the advice from WHO, I request all of you to still carry on maintaining "social distancing" and other precaution measures in order to be safe from this pandemic.

It is a great honor and tremendous pleasure for me to congratulate all the valued mathematicians, commemorating 42nd anniversary of Nepal Mathematical Society (NMS), and launching its newsletter of the Issue No. 16, May 2020 on this occasion.

It has been a special honor and privilege to undertake my responsibility since September 2018 as the president of NMS. On behalf of NMS and its executive committee, I would like to acknowledge the tireless effort paid by the past presidents, the executive committee and subcommittee members, and all the valued life members for their valuable time and to bring NMS at this stage via conducting many activities nationally and internationally.

NMS, founded in 1979, is one of the oldest and pioneer scientific and professional societies in Nepal. Currently, NMS has 681 life members and it regularly conducts various activities to promote mathematical research and education thereby contributing to science and technology in Nepal.

This year, NMS has organized National Workshop in Project Writing for faculties and students of Bachelor's level fourth year science. NMS arranged several research/ general talks of Nepalese and International renowned mathematicians.

The NMS is also committed to global agenda through its international activities. NMS has been organizing many scientific events on relevant topics with its own initiations and national and international collaborations. Association of Nepalese Mathematicians in America (ANMA) organized the Second International Conference on "Applications of Mathematics to Nonlinear Sciences (ANMS-2019) during June 27-30, 2019 in Pokhara jointly with NMS. NMS is going to conduct Capacity Building Workshop for University Lecturers as soon as the ongoing situation becomes normal. The International Conference on "Analysis and Its Applications" which was scheduled on May 29-31, 2020 will be rescheduled in suitable date in 2021.

Finally, on behalf of NMS, I thank all of you who have constantly supported mathematics, and ask you to continue encouraging our activities, and providing us feedback and suggestions.

Sincerely yours

Prof. Dr. Chet Raj Bhatta

President, NMS

The 41st Anniversary of NMS

The 41st Anniversary of NMS was celebrated on Jestha 11, 2076 (May 25, 2019, Saturday) in the Central Department of Mathematics , Tribhuvan University (CDM, TU). The program was chaired by the NMS President Prof. Dr. Chet Raj Bhatta; the Chief Guest was Prof. Dr. Shankar Raj Panta. Other distinguished guests and a large number of University teachers, students and mathematicians and math lovers were also present in the ceremony. It was inaugurated by lightening the lamp by the chief guest.

In the ceremony, three retired professors from universities, and five PhD degree receivers were also honored. Two master students were awarded with NMS-ANMA fellowship. In the program, the Issue 15, 2019 of NMS Newsletter, Journal of Nepal Mathematical Society (JNMS) Vol 2 issue 1 and the Proceeding of National Conference on Mathematics and its Application (NCMA, 2019) were launched.

Prof. Dr. Madan Man Shrestha, Prof. Dr. Pradeep Kumar Bhattarai, Prof. Dr. Niranjana Parajuli and Prof. Dr. Kanhaiya Jha, Prof. Dr. Siddhi Prasad Koirala. Prof. Dr. Bhadra Man Tuladhar, Prof. Dr. Hom Nath Bhattarai, Prof. Dr. Ramji Prasad Pandit, Prof. Dr. Dil Bahadur Gurung and Dr. Prem Sagar Bhandari addressed the ceremony. Dr. Jeevan Kafle was MC of the ceremony. Finally, the program chairperson concluded the program with his concluding speech.

The second session was the scientific session. Prof. Dr. Bhadra Man Tuladhar chaired this session. Prof. Daya Ram Poudel delivered a talk commenting upon the bylaws of Nepal Mathematical Society with further suggestions for amendments to existing bylaws. Dr. Ganga Ram Phaijoo delivered a research talk related to mathematical modeling of dengue disease.



The 41st General Assembly of NMS

Nepal Mathematical Society organized its 41st General Assembly on Bhadra 7, 2076 (24 August 2019) at Central Department of Mathematics, T.U. Kirtipur. Prof. Dr. Chet Raj Bhatta presided the general assembly. The progress report of Fiscal Year 2075/076 and the tentative work plan for the coming Fiscal Year 076/077 were presented by NMS Secretary Dr. Dinesh Panthi. The income/ expenditure reports of Fiscal Year 075/076 and tentative budget for coming Fiscal Year 076/077 was presented by Treasurer Mr. Ajay Kumar Chaudhary. The progress report and the tentative work plan and the income expenditure report and the tentative budget were approved by assembly. There was a detailed discussion on the issue of bylaws updates. Updates on bylaws were felt necessary for province committees with some other rules and regulations. The update issue was presented to assembly by secretary Dr. Dinesh Panthi. Assembly corrected on some points of the rules and approved unanimously. NMS Joint Secretary Dr. Jeevan Kafle conducted the program.



The 42nd General Assembly (Special) of NMS

Nepal Mathematical Society organized 42nd Special General Assembly on Bhadra 14, 2076 (31 August 2019) at Valmeeki Campus, Exhibition Road, Kathmandu for the issues of bylaws updates. The assembly was presided by Prof. Dr. Chet Raj Bhatta. This assembly had a large discussion on the updates and approved the updates with some necessary improvements.



Acknowledgement

Nepal Mathematical Society expresses heartfelt gratitude to **Nick Simons Foundation, USA** for the support for various programs to uplift the status Mathematics in Nepal. NMS provides fellowships for deserving candidates of PhD, M.Phil. and Master's level students in mathematics perusing their studies in the universities of Nepal. NMS is organizing various workshops, training programs with the support of the foundation. NMS EC Committee expresses cordial thanks to the honorary NMS life member Dr. James H. Simons for the kind support.



mathematical optimization and mathematical modelling in applied mathematics. The workshop was concluded with a grand success. Organizers, involved experts and participants expressed that they were happy to be a part of such fruitful program and the program was the landmark success of its history in Nepal.



NMS Master's Fellowship-2076

This fellowship was provided to the following second semester of master's level examination toppers male and female students of the CDM TU for the year 2076 (B. S.).

- | | |
|---------------------|--------------------|
| 1) Gopal Poudel | 2) Grishma Acharya |
| 3) Sanam Shrestha | 4) Umesh Shrestha |
| 5) Shrijana Koirala | |

NMS-ANMA Fellowship

Following Master's level students received the NMS-ANMA fellowship for the year 2019.

- 1) Sunil Dawadi
- 2) Ramuna Pandey

National Workshop on Project Work Writing in Mathematics

Nepal Mathematical Society organized a **National Workshop on Project Work Writing in Mathematics** for the university teachers involved in the undergraduate level during September 13-16, 2019 in Nagarkot, Kavre. Thirty-five mathematics faculties of different universities participated in the workshop. Prof. Dr. Pushpa Raj Adhikari, Prof. Dr. Prakash Muni Bajracharya, Prof. Dr. Chet Raj Bhatta, Prof. Daya Ram Poudel, Prof. Dr. Naryan Parsad Pahari, Prof. Dr. Dil Bahadur Gurung, Dr. Dinesh Panthi, Dr. Ajaya Singh, Dr. Shree Ram Khadaka, Dr. Durga Jang KC, Dr. Santosh Ghimire, Dr. Samir Shrestha, Mr. Ajay Kumar Chaudhary, Dr. Jeevan Kafle were involved as experts in the workshop. The work area was mainly divided into two groups: pure mathematics and applied mathematics; each of the main group had been further divided into the subgroups of analysis, algebra, calculus and number theory in pure mathematics and differential equation,

Summer School in Mathematical Biology

Summer School in Mathematical Biology (SSMB-2019) was held in Kathmandu, Nepal from June 17 to June 26, 2019. The school was conducted in collaboration of ANMA, IMU, CDM TU, and NMS. The program was chaired by Prof. Dr. Kedar Nath Uprety (the then HoD of CDM TU), and Dr. Naveen K. Vaidya (Associate Prof. San Diego State University USA) well managed the program. The NMS president, Secretary, Joint-Secretary together with other EC members actively involved to support the program. There were participants from various countries including from Nepal and India. The participants made the poster presentation in the conference in Pokhara with some best presentation awards.



Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019)

The Second International Conference on Applications of Mathematics to Non-linear Sciences (AMNS-2019) was successfully held during June 27-30, 2019 in Pokhara, Nepal. The AMNS-2019 conference was jointly organized by the Association of Nepalese Mathematicians in America (ANMA), Nepal Mathematical Society (NMS), Central Department of Mathematics, Tribhuvan University (CDMTU) and the Department of Mathematics, Kathmandu University (DoM KU). The conference provided a forum to a diverse group of scientists in applications of mathematics to natural and health sciences, engineering and finance. Specific areas included, but not limited to, *differential equations, mathematical biology, physical sciences, computational mathematics, statistics and big data, analysis, topology, algebra, mathematics education, optimization, operations research, quantitative finance, biomedical science, biophysics, geophysics, and public health*. The aim of the conference was to bring together researchers from a variety of disciplines which impact nonlinear analysis and applications in bio- and physical sciences around the globe.



The Chief Minister of Gandaki Province, honorable Prithvi Subba Gurung was the chief guest and the Minister of the Ministry of Social Development Naradevi Pun Magar was the special guest of the opening ceremony. Chief Guest in his address emphasized that the development of education, research activities as well as the tourism is needed for the overall development of the nation. The Special Guest focused on the importance of international conference to share the expertise and researches among each other. In that ceremony, Prof Dr. Kedar Nath Uprety, (Convener of the conference, and HoD, CDM TU), Dr.

Dinesh Panthi (Secretary, NMS), and Elissa Schwartz (Professor, Washington State University, USA) addressed the ceremony with a major focus on the importance and benefits to the researchers from the conferences. The other convener of the conference Dr. Naveen K. Vaidya (Associate Professor, San Diego State University, USA) was the master of ceremony.

The four days' international conference, which was very much fruitful for the researchers, students and faculties, was successfully completed. About 220 mathematicians from more than 15 different countries made active participation and dissemination of their research work.

National Youth Workshop cum Conference on Mathematics and Its Applications-2019

Nepal Mathematical Society organized a **National Youth Workshop cum Conference on Mathematics and Its Applications-2019 (NYWCMA-2019)** during December 13-15, 2019 in Kirtipur, Kathmandu. Fifty-nine undergraduate students including 4 female students belonging from constituent and affiliated campuses of Tribhuvan University and Kathmandu University actively participated in the workshop cum conference. The organizer had organized one full day workshop for the undergraduate students starting from early in the morning with short inaugural program. The program was inaugurated by Vice- Chancellor of National Academy of Science and Technology (NAST) by lighting the lamp. The Dean of Institute of Science and Technology and the Dean of School of Science, Kathmandu University were the special guests. Introductory classes on Basic of Project Work, Structure of Project Work, Presentation Skills on Project writing in Pure and Applied Mathematics were discussed. The sessions were handled by various experts of concerning subjects. After the workshop, a conference was organized to present the works of participants. Sufficient time was allocated for their presentation.



The experts and young participants both were very happy and satisfied with this workshop cum conference to share the knowledge. The young participants expressed that it was really fruitful and helped them a lot to know more about the subject matter on pure and applied mathematics. They urged Nepal Mathematical Society to organize such conferences regularly in the years to come.

Talk Programs

Nepal Mathematical Society regularly organizes talk programs from well distinguished professors so that faculties of different universities, researchers and students from Nepal are benefited with the recent trends in research. Following professors delivered their research talks on the mentioned topics at CDM TU.

1. **Prof. Junhog Ha**, School of Liberal Art and Prof. Sudoku Shon, Department of Architectural Engineering, Korea University of Technology & Education, Cheonan, South Korea delivered his talk on the topic *Mathematical Modelling for Architectural Structure and Recent Research* on February 6, 2020.
2. **Prof. Ljubica S. Velimiroric**, Faculty of Science and Mathematics, University of Nis, Serbia delivered his research talk on the topic *On Shape Consideration* on March 12, 2019.
3. **Dr. Narayan Thapa**, Department of Mathematical Science, Cameron University, USA entitled *Research Experience for Undergraduate (REU) in Nepal*.

Interaction Program on Curriculum Structure

Nepal Mathematical Society took part in the interaction program organized by Curriculum Development Center, Sanothimi, Bhaktapur. The interaction program was organized on the existing issues of curriculum structure of Grade XI and XII. NMS has a strong protest on the new curriculum structure regarding the placement of mathematics only as an optional subject.



Press Meet in Reporters Club

Nepal mathematical Society organized a press meet in Reporters Club Nepal to express its views to public and concerned authorities regarding the demerits of new curriculum structure of grade XI and XII which the Government of Nepal has planned to implement from forthcoming educational session. Curriculum structure is much more disputed regarding the placement of mathematics as an optional subject even for the students in Science stream. All mathematicians expressed their views against new curriculum structure. NMS expressed its strong dissatisfaction upon new curriculum structure. All mathematicians presented in the program expressed their views with a conclusion that Nepal Government has given less priority for the development and upliftment of Science and Technology. Since the foundation of science and technology is mathematics, NMS is very much aware that weakening mathematics results in weakening science and technology.

पाठ्यक्रम प्रारूप हुबहु लागू भए आन्दोलनमा जाने गणित विज्ञको चेतावनी



Well Wish Sharing Program for Festivals

Nepal Mathematical Society organized well wish sharing program on Ashwin 11, 2076 in Golden Gate International College, Battisputali Kathmandu for the great festivals Dashain, Tihar, Chhath, Nepal Sambat and other festivals of Nepalese community. The program was chaired by the NMS president Prof. Dr. Chet Raj Bhatta. The chief guest of the program was Mr. Ramesh Silwal (an educationist and the member secretary of National Sports Council). Some reverent professors of Mathematics addressed the program with their well wish speeches for the upcoming festivals of Nepal. All participants shared their wishes to each other. Dr. Jeevan Kafle, Joint Secretary of NMS conducted the program. Member Mr. Hari Prapanna Kandel contributed for good management of the program.



Publication of Vol. 2 (2) of Journal of Nepal Mathematical Society (JNMS)

Volume 2 issue 2 of JNMS was published both in online and print version. It consists of six research articles in different fields of pure and applied mathematics. The editorial board of JNMS requests national and international authors/researchers to submit their research/review articles for its upcoming issues. Nepal Mathematical Society acknowledges and appreciates Mr. Ananda Krishna Shrestha (Sukunda Pustak Bhawan, Kathmandu, Nepal) for his financial support to publish this issue in the print form.

The issue of the journal consists of the following research articles.



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| 5. | 19-JNMS-260619 | Jeevan Kafle, Parameshwari Kattel | 45-60 |
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| 6. | 18-JNMS-180519 | Puskar R. Pokhrel, Bhadra Man Tuladhar | 61-77 |
| Title | Determination of Phase-Eigenvalues by Rational Factorization and Enhanced Simulation of Two-Phase Mass Flow | | |

New Appointments and Promotions

NMS expresses **heartfelt congratulations** for the appointments and promotions of the following faculties.

Appointments

- **Prof. Dr. Tanka Nath Dhamala:** Head of the Central Department of Mathematics, Tribhuvan University
- **Prof. Dr. Chet Raj Bhatta:** Coordinator, MPhil Program, Central Department of Mathematics, Tribhuvan University. [Add here](#)
- **Prof. Sharada Shrestha:** Head of the Department of Mathematics, Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu

[Prof. Dr. Binod Prasad Dhakal:](#) Director, Graduate School of Education, T.U.

[Prof. Dr. Narayan Prasad Panari:](#) Director, School of Mathematical Sciences, T.U.

[Prof. Dr. Eka Rama Acharya,](#) Deputy Director, Graduate School of Education, T.U.

- **Prof. Dila Ram Bhattarai:** Chairman, Province Public Service Commission, Province-5.
- **Prof. Dr. Gyan Bahadur Thapa:** Assistant Dean of Institute of Engineering, Tribhuvan University.
- **Mr. Nilam Kharel:** Campus Chief of Terhathum Multiple Campus, Tribhuvan University, Terhathum
- **Dr. Surendra Raj Pathak:** Head of the Department of Mathematics, Amrit Campus, Tribhuvan University, Kathmandu
- **Ms. Sharmila Acharya:** Head of the Department of Economics, Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu
- **Mrs. Brinda Devi Shakya:** BSc Program Coordinator in Padma Kanya Multiple Campus, Tribhuvan University, Kathmandu

Promotion in Professor

1. Dr. Raju Ram Thapa, Tribhuvan University
2. Dr. Gyan Bahadur Thapa, Tribhuvan University

Promotion in Reader (Associate Professor)

1. Dr. Durga Jang KC, Tribhuvan University
2. Dr. Krishna Bahadur Chand, Tribhuvan University
3. Dr. Parmeshwari Kattel, Tribhuvan University
4. Dr. Ghanshyam Pant, Tribhuvan University
5. Dr. Satya Narayan shah, Tribhuvan University
6. Mr. Ramesh Timsina, Tribhuvan University
7. Dr. Debendra Banjade, Coastal Carolina University, USA
8. Dr. Urmila Pyakurel, Tribhuvan University

Promotion in Assistant Professor

1. Dr. Gokul K C, Kathmandu University
2. Dr. Ganga Ram Phijoo, Kathmandu University
3. Dr. K B Manandhar, Kathmandu University
4. Dr. Khim Bahadur Khattri, Kathmandu University
5. Dr. Umesh Rajopadhyaya, Kathmandu University

We wish for happy retired life for the following NMS life members from their regular university profession.

1. Prof. Dr. Prakash Muni Bajracharya, CDM TU
2. Assoc. Prof. Mukhi Lal Chaudhary, Butwal Multiple Campus, TU
3. Assoc. Prof. Nisar Ahamad, Tri-Chandra Multiple Campus, TU
4. Assoc. Prof. Kulananda Chaudhary, Tri-Chandra Multiple Campus, TU

Award of PhD Degree

Parameshwari Kattel has completed his PhD degree in mathematics from Kathmandu University in 2019 on the topic ***Some Aspects of Multi-Phase Debris Flows: Dynamics, Flow-Obstacle-Interactions and Model Construction.***



Jeevan Kafle has completed his PhD degree in mathematics from Kathmandu University in 2019 on the topic ***Advanced dynamic simulation of landslide generated tsunami, submarine mass movement and obstacle interaction.***



Puskar Raj Pokharel has completed his PhD degree in mathematics from Kathmandu University in 2019 on the topic ***Generalized Quasi Two-Phase Bulk Mixture Models For Mass Flow.***



Khim Bahadur Khattri has completed his PhD degree in mathematics from Kathmandu University in 2019 on the topic ***Development, Discretization and Simulation of an Extended Quasi Two-Phase Mass Flow Model.***



Buddhi Prasad Sapkota has completed his PhD degree in mathematics from Tribhuvan University in 2019 on the topic ***Numerical Modeling of Indoor Air Pollution Distribution in Biomass Kitchen in Nepal.***



Surendra Raj Pathak completed his PhD degree in mathematics from Sai Nath University Ranchi, India in 2019 on the topic ***A Study On Topological Applications.***



Panch Deo Yadav completed his PhD degree from Magadh University, Bodh-Gaya, India on the topic ***Study of the Applications of Type 2 Fuzzy Soft Sets in Decision Making Problems.***



Bipin Kumar Ray completed his PhD degree from L N Mithila University, Darbhanga, India on the topic ***Studies on Tensor Calculus and its Applications on Hyper Surfaces.***



Ashok Kumar Yadav completed his PhD degree from L N Mithila University, Darbhanga, India on the topic ***Contribution to Positive Semigroups on Ordered Banach Space.***



Award of MPhil Degree in Mathematics:

Following Students received MPhil degree from different universities of Nepal in the year 2019.

1. **Mr. Nabraj Adhikari** from Tribhuvan University
2. **Mr. Ananta Upreti** from Tribhuvan University
3. **Mr. Ganesh Pandey** from Tribhuvan University
4. **Mr. Ganesh Sapkota** from Kathmandu University

Activities of NMS Life Members

Prof. Dr. Tanka Nath Dhamala: coordinated the departmental collaborative DAAD (German Academic Exchange Service) partnership program entitled “GraThO (Graph Theory and Optimization for the Industry and Society)” for 2016-2019 between Mindanao State University, IIT, the Philippines, University of Kaiserslautern, Germany and Central Department of Mathematics. He together with six other mathematics scholars participated

the concluding workshop (**31 August - 14 September, 2019**) organized by Mindanao State University, IIT, the Philippines in Bohol jointly with University of Kaiserslautern and Central Department of Mathematics, Tribhuvan University. Prof. Dhamala along with two mathematics faculty members visited University of Kaiserslautern in **May 2019** under the partnership program. Prof. Dhamala delivered talks at TU Bergakademie Freiberg, Germany (**June 11, 2019**), University of Luxembourg (**June 23-25, 2019**), University Putra Malaysia (**August 31, 2019**), at “International Conference on Applied Mathematics in Science and Engineering” organized by Center for Applied Mathematics & Computing and Department of Mathematics of SOAU, Odisha, India (**October 24-26, 2019**) as a guest of honor and an invited speaker, at DAAD-ASIA Network Conference, Myanmar (**November 11-13, 2019**). Prof. Dhamala visited as a guest of honor and delivered a talk as a plenary speaker at International Conference on Advances in Mathematics & Computing (ICAMC - 2020), Department of Mathematics, Veer Surendra Sai University of Technology Siddhi Vihar, Burla, (**February 7-8, 2020**). He chaired a session there. He also was a guest of honor and keynote speaker at the 3rd International Conference on Advanced Mathematical Analysis & Its Applications (ICAMAA-2020), P.G. Department of Mathematics Berhampur University Bhanja Bihar, Odisha (**February 4-5, 2020**). Professor Dhamala visited South Asian University, New Delhi, India (**February 3, 2020**) and Siksha ‘O’ Anushandhan University (Deemed to be University), Odisha, India (**February 6, 2020**) and delivered talks as invited speaker. He published a number of papers in the international journals of repute.

Prof. Dr. Kanhaiya Jha: As a member of a group of high level delegates from Kathmandu University, Prof. Dr. Kanhaiya Jha visited several educational institutes of Thailand like King Mongkut Institute of Technology, Landrabang (KMILT), Asian Institute of Technology (AIT) and King Mongkut's University of Technology, Thonburi (KMUTT) from April 17 -22, 2019.

Prof. Dr. Raju Ram Thapa: Delivered an invited talk in the 13th conference on Space dynamics organized by Murshidabad, Mathematical Society, W. B. India from September 21-22, 2019.

Dr. Dinesh Panthi: Delivered an inaugural speech on behalf of Nepal Mathematical Society in the Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), held at Pokhara Nepal during June 27-30, 2019 jointly organized by ANMA, USA; NMS, CDM TU and KU. He presented a talk on the topic *Some Fixed Point Theorems of Integral and Meir-Keeler Type in Dislocated Metric Space*. He also chaired a scientific session of the conference. Dr. Panthi was invited as subject specialist in mathematics in National Young Scientists Conference-2019 organized by ministry of tourism, forests and environment state no.3, Research Centre for Applied Science and Technology T.U. and Nepal

Academy of Science and Technology (NAST) during April 23- 24, 2019 in Kathmandu.



Mr. Krishna Kanta Parajuli: Presented a paper in the 4th International Vedic Mathematics conference on the topic *Connection of Paravartya Sutra with Vedic and Non-Vedic Mathematics* held at Institute for the advancement of Vedic Mathematics, Hyderabad, India

Mr. Ananda Panta : Presented a talk on *Optimization and Sensitivity Analysis of Multi-Server Finite Capacity Queueing System* in an invited session of Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019) on June 27-30, 2019, Pokhara, Nepal. He participated in the National Workshop on 'Project Work in Mathematics' organized by Nepal Mathematical Society during Sept.13-16, 2019, Nagarkot, Nepal.

Dr. Parameshwari Kattel: presented a talk on the topic *Some Aspects of flow-obstacle-interactions* in Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), June 27-30, Pokhara, Nepal. He also chaired a scientific session in this conference. He delivered a talk on the topic *Dynamics and obstacle-interactions in two phase debris flow, and multiphase mass flow model formulation with virtual mass forces*, Seminar on Multiphase Mass Flows- Nature, Physics, Mathematics, and Engineering at the Central Department of Mathematics, Tribhuvan University, August 7-8, 2019 Kirtipur, Kathmandu, Nepal. He delivered a talk on the topic *Presentation skills: Author's collections, perspective and experiences* National Youth Workshop Cum Conference on Mathematics and its Applications, December 13 -15, 2019, Kathmandu, Nepal. He delivered a talk on the topic *Obstacle induced changes in flow dynamics using two phase mass flow model*, 21st International Mathematics Conference 2019, December 6-9, Department of Applied Mathematics, University of Dhaka, Bangladesh. He presented a talk on the topic *Excitements and challenges in research: Gaps among researchers and public* at the Dialogue Workshop on Sustainable development goals (SDGs): Knowledge2Action in South Asia, January 16-17, 2020, Bangalore, India. He facilitated several sessions on *Strategies to tackle with MCQs*, Two Days' Workshop in Capacity Building in MCQs, Organized by Nepal Mathematical Society Province-5, February 1-2, 2020 Butwal, Nepal.

Dr. Urmila Pyakurel: presented papers at the 4th International Conference on Dynamics of Disasters (July 1-4), Kalamata, Greece, and Workshop on Optimization (March 14-15), Olbernhau, Germany. Dr. Pyakurel completed her post-doctoral research visit at TU Bergakademie Freiberg, and meanwhile attended the annual meeting (June 28-29) in Berlin, Germany, and also participated in the study tour (August 12-24) of Alexander von Humboldt Foundation. She published eight papers in international journals of repute.

Mrs. Kabita Luitel: Participated in the Summer School in Mathematical Modeling & Scientific Computation with Python (SSMMSC-2019), Dhulikhel, TIRUPATI and KU during June 03 – June 07, 2019. She presented a paper entitled *Finite Difference Approach to Study Heat Transfer in Human Body Through Clothes in Indian Women* and Mathematics Annual Conference 2019, Indian Institute of Technology (IIT), Bombay during June 10 – June 12, 2019. She participated in CIMPA Summer School in Mathematical Biology, Kathmandu, AMMA, TU, KU, NMS during June 17 – June 26, 2019. She presented a paper entitled *Numerical Study of Heat Transfer in Human Body with Protective Layer in Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019)*, Pokhara, AMMA, TU, KU, NMS during June 27 – 30, 2019. She presented a paper on the topic *The Study of Numerical Method for Transient Heat Transfer in Cylindrical Living Tissue* in 39th Southeastern Atlantic Regional Conference on Differential Equation (SEARCDE-2019), Embry-Riddle Aeronautical University Daytona Beach, Florida, USA during October 26 – 27, 2019. She presented a paper on the topic *Mathematical Study of Role of Clothing Insulation and Efficiency factor in Human Body with Protective Clothing System in WoNiMS day Celebration and Empowering Women in Mathematics*, Kathmandu, WoNiMS dated on December 29, 2019. She Presented a poster in Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), Pokhara, AMMA, TU, KU, NMS. She received PhD fellowship award from University Grants Commission (UGC), Nepal. She also received first prize for the best poster as a group work of CIMPA Summer School in Mathematical Biology, entitled *HIV Within-Host Dynamics Incorporating Cell to Cell Virus Transmission*.

Dr. Puskar Raj Pokharel: presented a paper on the topic *Description of Stream Function-Vorticity Formulation of Bulk Mixture Model for Mass Flow*, Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019) during June 27-30, Pokhara, Nepal. He presented a paper on the topic *Generalized Bulk Mixture Mass Flow Model*, Seminar on Multiphase Mass Flows-Nature, Physics, Mathematics, and Engineering at Central Department of Mathematics, Tribhuvan University, August 7-8, 2019 Kirtipur, Kathmandu, Nepal. He presented a paper on the *Behaviour of Mixture Pressure and Viscosity in Generalized Quasi Two-phase Mixture Mass Flow Model* in 21st International Mathematics Conference

2019, December 6-8, Department of Applied Mathematics, University of Dhaka, Bangladesh. He presented a paper on the *Stream Function-Vorticity Formulation of a Generalized Quasi Two-phase Mixture Mass Flows Model* in International Conference on Mathematics and its Applications (ICMA-2020), Bangalore University, Department of Mathematics, Jnanabharathi Campus during February 28 - 29, Bengaluru, India.

Dr. Surendraraj Pathak: Presented the paper entitled *An Insight Into Prime Numbers* the Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), Pokhara organized by ANMA, NMS, TU, and KU.

Mr. Shiva Prakash Gupta: Presented a paper in International Conference APORS, October 24-26, 2018, Kathmandu, Nepal. He visited University of Kaiserslautern, Germany, DAAD sponsored project *Graph Theory and Optimization with Applications in Industry and Society (GraThO)*, April 15 to July 15, 2019. Participated in a DAAD sponsored Workshop Graph Theory and Optimization with Applications in Industry and Society (GraThO) Bohol, Philippines, September 2-13, 2019. He presented a paper in International Conference on Applied Mathematics in Science and Engineering, October 24-26, 2019, Bhubaneswar, India.

Mr. Hari Nandan Nath: Presented a paper on the topic *A Bi-level Programming Approach to Save a Path Maximizing the Dynamic Flow with Lane Reversals for Evacuation Planning* in 4th International Conference on Dynamics of Disasters (DOD 2019), Kalamata, Greece, July 1-5, 2019. He received research stay support from Technische Universität Bergakademie, Freiberg, Germany, July 1-September 30, 2019.

Mr. Jhabi Lal Ghimire: Presented a paper on the topic *Some Topological Structures On 2 - Normed Space Valued Orlicz Sequence Space*, in the International Youth Conference on Science, Technology and Innovation (IYCSTI) during October 21-23, 2019 organized by MoEST, NAST. He also presented a paper entitled *On Certain Topological Structures of Space of Entire Vector Sequences and its Generalized Forms* in the Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019). He received PhD Fellowship from NAST Nepal.

Dr. Jeevan Kafle: presented a paper on the topic *Numerical Investigation of the Interaction Between Two-phase Landslide and Submarine, and Induced Tsunami* in Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), June 27-30, Pokhara, Nepal. He presented a paper on the topic *Dynamic Interactions Between a Two-phase Submarine Landslide and a Fluid Dam*, Seminar on Multiphase Mass Flows- Nature, Physics, Mathematics, and Engineering at the Central Department of Mathematics, Tribhuvan

University during August 7-8, Kirtipur, Kathmandu, Nepal. He presented a paper on the topic *Effect of Topographical Slope Changes in the Dynamics of Landslide Generated Tsunami and Submarine Mass Flows* in 21st International Mathematics Conference- 2019 during December 6-9 held at Department of Applied Mathematics, University of Dhaka, Bangladesh.

Dr. Ganga Ram Phaijoo: acted as a resource person and delivered an invited talk on Compartmental Epidemic Models of Infectious Diseases and Study of Dengue Disease Transmission Dynamics in *International Conference on Mathematics and Its Application* (ICMTA 2020) organized by the Department of Mathematics, SRMIST in Kattankulathur, Chennai, India on 01 February, 2020. He Acted as a Keynote Speaker and delivered an invited talk on Mathematical Study of Transmission of Dengue Disease in Two Patch Environment: Impacts of Human Movement and Temperature in *3rd International Conference on Current Scenario in Pure and Applied Mathematics* (ICCSPAM – 2020) organized by PG & Research Department of Mathematics, Kongunadu Arts and Science College (Autonomous), Coimbatore, Tamil Nadu, India on 30 January, 2020. He delivered a guest lecture on Modeling of Human Infectious Diseases to Post Graduate students of Kongunadu Arts and Science College (Autonomous), Coimbatore, Tamil Nadu, India on 29 January, 2020. He delivered a scientific talk on Mathematical Modeling of Infectious Diseases on the occasion of the 41st Anniversary of Nepal Mathematical Society in Central Department of Mathematics, Kathmandu on 25 May, 2019.

Dr. Khim Bahadur Khattri: delivered an invited talk on the topic *Enhanced Numerical Experiments of an Extended Quasi Mass Flow Model* in International Conference on Mathematics and its Applications' (ICMA-2020) during February 28-29 at Bangalore, India. He also delivered an invited talk on the topic *Development of an Extended Quasi Two Phase Mass Flow Model and Associated Simulations*, International Conference on Emerging Trends in Fluid Mechanics and its Applications (ICETFMA-2020) in the CHRIST (Deemed to be University), February 27-28 at Bangalore, India. He presented a papers on the topic *Some Aspects of flow-obstacle-interactions*, Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), June 27-30, Pokhara, Nepal. He presented two papers entitled *Interacting Mixture Mass Flow with Obstacles: Dynamics and Jet Formation and Obstacle induced changes in flow dynamics using two phase mass flow model* in 21st International Mathematics Conference 2019 during December 6-9 held at Department of Applied Mathematics, University of Dhaka, Bangladesh.

Mrs. Bindra Devi Shakya: Participated in National Workshop on Project Work in Mathematics organized by Nepal Mathematical Society. (Sept.13-16,2019). She participated in CIMPA Summer School in Mathematical Biology organized by International Centre of Pure and

Applied Mathematics (CIMPA), Central Department of Mathematics, T.U. during June 17-26, 2019.

Mrs. Gauri Bhujju: Presented a paper entitled *Fuzzy SEIR Model for Epidemic Spreading* on the Indian Women and Mathematics Annual Conference 2019, June 10 - 12, IIT Mumbai, India. Participated at the Summer School in Mathematical Biology, Kathmandu, Nepal, from June 17 to 26, 2019. She also got the first prize on group poster presentation on the project work with title *HIV within Host Dynamics Incorporating Cell to Cell Virus Transmission*. She presented a paper entitled *Fuzzy Dynamical System of SEIR-SEI Dengue Epidemic Model* on the Second International Conference on Application of Mathematics to Nonlinear Science (AMNS- 2019) on June 27 - 30, 2019 Pokhara, Nepal. Participated in the School on Mathematical Modeling, Simulations and Optimizations in Industrial Application, Social Science and Biology, Kathmandu University, Nepal, from October 15 – 18, 2019. She presented a paper entitled *Fuzzy Approach of SEIR-SEI Dengue Disease Transmission Dynamics Model* on the 8th International Conference and 24th Annual Conference of Gwalior Academy of Mathematical Science, on December 13-15, 2019 organized by School of Advance Sciences and Languages (SASL) Department of Mathematics VIT-Bhopal University, Bhopal, India. Active participation and group presentation on the project work entitled Modeling on Chemical Concentration Distribution in a Pond on National Workshop on Project Work in Mathematics organized by NMS on September 13 to 16, 2019, Nagarkot, Bhaktapur, Nepal. She presented a paper entitled Fuzzy Behavior in Transmission and Recovery in Host in Dengue Disease Transmission Model on the WoNiMS Day Celebration and Empowering Women in Mathematics, December 29, 2019, Kathmandu, Nepal.

Mr. Nilam Kharel: Participated at CIMPA Summer School in Mathematical Biology, held at Kathmandu during June 17-26, 2019 and at AMNS -2019 in the Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019).

Mr. Nabaraj Adhikari: Participated at DAAD workshop “On Graph Theory and Optimization (GRATHO) with Application in Industry and Society: Graph Algorithms and Applications”, which is held on September 2-13, 2019, at Bohol, the Philippines.

Mr. Moti Prasad Giri: presented a paper on the title *Mathematics for Development of IT Related Courses in Nepalese Universities* in the Sixth International Conference on Information Technology for Development (IT4D) organized by Deerwalk Institute of Technology, Sifal, Kathmandu during 7-9 November, 2019.

Mrs. Sharmila Shrestha: presented a paper entitled *Peripheral Temperature Variation of Breast Tumor in*

Hyperthermia in the Celebration of WoNiMS (Women of Nepal in Mathematical Sciences) Day, Kathmandu, December 29, 2019. She presented a paper entitled *A Mathematical Study in Breast Hyperthermia*, in the 8th International Conference and Annual Conference of Gwalior Academy of Mathematical Sciences (ICGAMS - 2K19) on Mathematical and Computational Data Science with Application and Symposium on Advances in Special Functions and Applications, VIT Bhopal University, Bhopal, India, December 13-15, 2019.

Mr. Ganesh Sapkota: presented a paper on the topic *Transient Analysis of M/M/c Vacation Queueing Model with a Waiting Server and Impatient Customers* in Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), held at Pokhara, Nepal during June 27– 30, 2019.

Activities by NMS Province Committees

NMS Province 1 Committee

Celebration of International Day of Mathematics (Pi-day): NMS Province 1 Committee and the Department of Mathematics, P.G. Campus, T.U. Biratnagar jointly organized and celebrated the International Day of Mathematics with the theme *Mathematics is Everywhere* on 14th March, 2020 (1st Chaitra, 2076) at P.G. Campus. Prof. Dr. Raju Ram Thapa, President of NMS Province 1 committee chaired the program. Associate Prof. Shiva Bahadur Karki was the chief guest of the program. Dr. Suman Kr. Jha (HOD) was felicitated. Associate Prof. Shyam Kr. Jha, Dr. Shitanshu Shekhar Choudhary and Dr. Manoj Kr. Raut, addressed the program. Campus Chief Mahesh Khatri, Assistant Campus Chief Surya Kr. Yadav and Shaligram Adhikari and Tilak Ram Sardar focused on the importance of the program.

A number of professors, students and staffs of the campus were present in the program.



NMS Province 2 Committee

Nepal Mathematical Society, Province-2 Committee was formed with the following portfolio in the presence of Central EC Treasurer Mr. Ajay Kumar Chaudhary, Central EC Member Mr. Uday Kumar Karn and NMS life member Kamallesh Kumar Karn with 25 Life members of NMS from province-2 dated on 2076/02/12 at R.R.M. Campus, Janakpur, Dhanusa.

1. *President:* Dr. Sushil Chandra Karna (MBMC, Rajbiraj)
2. *Vice President:* Dr. Ram Lakhan Shah (RRMC, Janakpur)
3. *Secretary:* Dr. Ranjan Kumar Singh (RRMC, Janakpur)
4. *Joint-Secretary:* Dr. Ashok Kumar Yadav (SSMYC, Siraha)
5. *Treasurer:* Mr. Suresh Kumar Shah (MBMC, Rajbiraj)

Members:

6. Dr. Rajdev Kushwaha (TMC, Birgunj)
7. Mr. Surendra Ray (RRMC, Janakpur)
8. Mr. Laxman Kunwar (TMC, Birgunj)
9. Mr. Bipin Kumar Ray (RRMC, Janakpur)
10. Mr. Janata Raut (TMC, Birgunj)
11. Dr. Suresh Kumar Sahani (Private campus)



NMS Bagmati Province Committee

NMS Bagmati Province Committee has conducted the following Activities.

- An interaction program on “The mathematics and its Curricula” among the mathematicians of Chitwan was conducted on 10th August 2019 under the chairmanship of the Chapter President Prof. Daya Ram Paudyal. There were 25 participants of different campuses in the program. The program concluded that the mathematics curriculum in these days must be oriented in applied fields with strong base. ‘To avoid the tiredness or boredom of students the project works in various classes are needed with their application on various fields’, the participants argued.



One-day workshop on research article and proposal writing

One Day Workshop on Research Article and Proposal Writing focusing on mathematical area was held on 28th September 2019, J. S. M. M. Campus, Lahan, Province -2 in collaboration with Research Management Cell and Nepal Mathematical Province – 2 Committee. Mr. Tulshiram Pokharel was Chief Guest and Mr. Binod Kumar Yadav the Co-coordinator of RMC –JSMM was Chairperson of the program. There were more than 75 Mathematics faculties participating in this event. The program was divided in two sessions. The first session was on the topic 'How to prepare research article'. This session was handled by Dr. Sushil Chandra Karna. The second session was focused on Proposal Writing. Mr. Binod Kumar Yadav, Dr. Ranjan Kumar Singh and Dr. Ashok Kumar Yadav handled the second session.



- NMS Province 3 Committee and Department of Mathematics, Birendra Multiple Campus organized an interaction program on MATHEMATICS AND ITS IMPORTANCE dated on 2 Feb 2020. Altogether there were 60 participants including undergraduate students. The program was conducted by Dr. Premeasagar Bhandari under the chairmanship of the President of NMS Bagmati Province and Dept. Head of BMC Prof. Daya Ram Paudyal. In this program, the special guest Prof. Dr. Sitaram Bahadur Thapa claimed that Physics cannot be imagined without mathematics. He also claimed that even in biological science mathematics is needed. The other special guest Prof. Dr. Harihar Paudyal explained that mathematics must be strong in the foundation level as it is the real language of modern science. Similarly other guests assistant campus chiefs Kanhaialal Gupta, Ramesh Prabhat, Budhan Kumar Chautariya, and Rudra Poudel explained the importance of mathematics. Prof. Daya Ram Paudyal presented content oriented talk on *Mathematics in Science and Technology* discussing present syllabus of Class XI and XII proposed by CDC, while Mr. Rajaram Acharya presented his talk on *Golden Ratio*. Dr. Prem Sagar Bhandari also critically analysed the curriculum of XI and XII. Mr. Surya Subedi, Mr Prabesh Tamang, Sagar Pandey and Asim

Karki presented their strong views on the importance of Mathematics from the student's side.

- Because of the Covid-19 pandemic, the Pie day was celebrated only through electronic media remembering the day **March-14**.



NMS Gandaki Province Committee

Formation of Working Committee

The general assembly of Nepal Mathematical Society, Gandaki Province held on 2076-04-25 elected 11 membered new working committee for the province. Prof. Dr. Krishna Kumar Shrestha has been elected as the president, Dr. Tribhuvan Sharma vice-president, Mr. Rajesh Kumar Thagurathi secretary, Mr. Chudamani Sharma, joint-secretary Mr. Bishwa Raj Adhikari treasurer, Dr. Krishna Prasad Bhandari, Mr. Purusottam Parajuli, Mr. Bhadra Raj Tripathi, Ms. Achala Adhikari, Mr. Madhab Prasad Paudel, and Mr. Nabin Pathak are members.

Three-Day MATLAB Training

Province Committee organized a 3-day MATLAB training from 2076-06-12 to 2076-06-14 in Pokhara for teachers. There were 26 participants from various academic institutions. Dr. Samir Shrestha from KU and Dr. Jeevan Kafle from TU facilitated the training program as resource persons.



Province Committee organizes Talk-Program on bi-monthly basis in various aspects of mathematics. Province Committee also publishes **Gandaki Journal of Mathematics** annually. Committee has decided to provide mini-research grants in annual basis to selected members from this year. The society has already called proposal from interested members.

NMS Province-5 Committee

- On 13th Shrawan 2076 a round table discussion with National Mathematics Trainer cum Text Book Writer Mr. H.N. Upadhyaya held at Hotel Tulip Drivertole, Rupandehi to discuss about preparing the teaching materials in local level to visualize the 3D objects in School.



- On 17th Bhadra a grand meeting with the NMS executive members and advisors was held to finalize the working plans for a year at Hotel Durbar Lawn, Butwal. Advisors Asso. Prof. M. Chaudhary, Asso. Pro. AK Singh, and Ass. Prof. Lil Bdr KC forwarded valuable suggestions.
- On 5th Kartik and 12th Kartik 2076, a delegates of three members Chair Mr. Shesraj Bhattarai, Vice-Chair Mr. Tulsi Sapkota and Secretary Gopal Prasad Acharya met the Minister Honourable Sudarshan Baral, Minister for Social Development Province-5 and decided to conduct training to the school level mathematics teachers in two phases in Nepalgunj and Butwal being as the volunteer technical assistant from NMS side. The chief of training Division Province -5 and government school teachers trainers, the Undersecretary of the concerning Ministry were present in the meeting.
- On 24th Poush 2076, a press release was handed over to the Minister for Social Development province-5 by NMS executive members against of the proposed mathematics curriculum of grade 11 and 12.
- On 7th Mangsir, 2076, training cum workshop (of about 8 hours) for high school teachers was organized among 56 trainee of province-5 high schools at New Horizon College Drivertole. Province Social Development Minister Mr Sudarshan Baral as Chief Guest, Under



Secretaries Tika Ram Aryal and Thaneshwar Gyanwali, PABSON's and HISSAN's district presidents as guest were present. Mr Gopal Acharya delivered his talk to present ideas on "Developing Visual Aids in Teaching Solid Shapes and Concept of Geometry in Secondary Level Mathematics", Mr Shesraj Bhattra on "Recent Trends in Teaching Mathematics", and Mr Tulsi Sapkota on "Teaching Geometry in Secondary Level"

- An orientation program was organized to the B.Sc. 4th year students on 24th Mangsir 2076 who were registered to take part in 3 days **"National Youth Conference cum Workshop in Mathematics and Its Application"** organized by NMS Center. B.Sc. 4th year students taking Mathematics and willing to be involved in project work attended the program. Mr Shesraj Bhattra and Gopal Acharya had talks to them.
- NMS Chapter Secretary Mr Gopal Prasad Acharya delivered a training class in Training Division office on 11th Poush 2076 teacher's trainers from 12 districts of province-5. It was organized Ministry of Social Development province-5. Total number of participants and guest was 75.
- A two days workshop on "Capacity Building of Mathematics Teaching in MCQs" was organized on 17th and 18th of Magh 2076 at Oxford College, Butwal. The Chief Guest was the Minister for Social Development province-5. Other guests were Under Secretary of the Ministry Mr Thaneshwar Gyanwali and the Chief of Nepal Examination Board province-5. Prof. Dr. Binod Parajuli (IOE, TU) and Asso. Prof. Dr. Parameshwari Kattel (Tri-Chandra Campus, TU) facilitated as resource persons for 52 teachers involved in teaching + 2 level in the province. During the program senior mathematicians and advisory board members were also present.



NMS Sudurpaschim Province Committee

- Province Committee organized a four days' workshop on Mathematics Teaching Pedagogy at secondary level from 19 to 22 May 2019 in collaboration with BASE



Kailali, Mercy crop (STEM Project). NMS Sudurpaschim Province Committee had academic support on planning sections, making workshop package and conduction of workshops. The financial support was done by BASE and Mercy Crop STEM project Kailali. Raghubir Bhatta and Krishan Singh Pela were facilitators in the workshop. The workshop was conducted at Hotel Rubus Dhangadhi.

- A **Scientific Talk Program** was conducted on 21 June 2019 (7 Ashad 2076) Saturday. Prof. Dr. Ghanshyam Bhatt from Tennessee State University, USA was Key speaker of the program and 20 different campus teachers from different campuses were in the program.



- NMS Province Committee had academic support to Educational Training center "kaa" Dipayal Doti for secondary teachers TPD (Teachers' professional Development) training. Province chairperson Mr. Raghubir Bhatta took part as facilitator of the training for 5 days from 23 to 27 June 2019.



- Conducted a facilitation programme for one day for the fourth year students (youth) to take part in National Youth workshop conducted by NMS central committee and could take part in project work writing in mathematics dated on 05 Nov 2019.
- Conducted a press release for the proper place of Mathematics in the curriculum of secondary level Class 11 and 12 on 9th January 2020 (Poush 24, 2076).
- Conducted an interaction programme with educationist of this region on the topic "The new curriculum of 11 and 12 and role of mathematics in higher education". Ten different educationists of the region put their

views, and their views were published in on line paper (Sudoorsandesh Online) on date 9th February 2020.



- Conducted an interaction programme with campus and school teachers of Kailali district in the chairmanship of Campus Chief of Aishwary Multiple campus and in

presence of Dean of School of Science Kathmandu University Prof. Dr. Kanhya Jha and other faculty members SOS of KU. On March 2020.



- Conducted a virtual meeting on 14 March 2020 on the occasion of International Day of Mathematics (IDM).

*Heartily Congratulations &
Best Wishes to*

NEPAL MATHEMATICAL SOCIETY

on the special occassion of its

42nd Anniversary



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INTERVIEW

Mathematics is the cultural heritage of mankind; it is one of the essential components of human civilization.

Dr. Santosh Man Maskey

Professor of Mathematics, Emeritus, Tribhuvan University



Dr. Santosh Man Maskey (born 1949), Professor of Mathematics, Emeritus, Tribhuvan University joined the University in 1972 and became the Professor of Mathematics in 1988 and served for 25 years. Prof. Maskey was Head of Mathematics Education Department and chairman of subject committee. He is author of 20 mathematics books including undergraduate and school level books. One student received PhD under his guidance. He was External Examiner of some PhD, M. Phil. and Master's level theses from different universities and Math Expert of TU Service Commission and Teacher Selection Committee member of KU and NSU. He chaired various academic sessions of national and international conferences. He was the Resource Person for IWAM -2013 of South Asian University, New Delhi and KU 2014. He was the Regular Associate (Mathematician, Nepal) of the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy (Jan 1995 – Dec 2000). He was the affiliate Member of American Mathematical Society from Jan 1996 - Dec 2008. He has been honored by the Letter of Honour, Curriculum Development Centre, 2017; Letter of Appreciation, J. P. High school, 2014; Letter of Honour, South Asian University New Delhi, 2013; Letter of Appreciation, Nepal Mathematical Society 2013; Letter of Appreciation, Kathmandu Shiksha Campus 2010. He has received medals: Tribhuvan University Long Service Medal 1998; National Education Day Medal 1982; Mahendra Vidya Bhusan Medal I, 1986; Mahendra Vidya Bhusan Medal II, 1973.

What follows is an interview with Prof. Maskey by Dr. Dinesh Panthi about him and current situation of mathematics in Nepal.

➤ **Prof. Maskey, could you please tell us about your family background?**

The Maskey clan has a very long ancestral history. In fourteenth century, the ancestor Tribhuvan Singh, a Chhetri, came to Nepal Valley along with King Harasimhadev from Simroangarh. With the lapse of centuries, the descendants of Tribhuvan Singh adopted the Newar culture. In eighteenth century, during the reign of King Nripendra Malla, Man Singh Maskey was the courtier at Hanuman Dhoka Palace. He was appointed as the Chautara (Prime Minister) during the reign of King Parthibendra Malla. There were other five courtiers from Maskey clan who were the *Kaji* and *Chautara* of Malla Kings. My father Chandra Man Singh Maskey (1900 – 1984) was the seventh descendent of Kaji Monoratha Singh Maskey during the reign of King Jaya Prakash Malla. My mother was Aashamaya Maskey (1917 – 2011). My father was the legendary artist of Nepal. He graduated in Fine Arts in 1925 CE from Government

School of Art, Kolkata. He was the student of eminent artist Nandalal Bose and famous art historian and artist Percy Brown during British India. My father was the drawing teacher of Durbar School and the artist at the Durbars of Rana Prime Ministers Bhim Shemsher and Joddha Shemsher and Narayanhiti Royal Palace. He was imprisoned for five years by Joddha Shemsher on the charge of drawing cartoons against Rana Regime. In 1963 CE, he got retirement from the post of Curator of National Museum, Chhauni. Presently, I am with six family members with my wife Bishwomohini, two sons Rajan and Ujjwal, one daughter Kshitiz and the daughter-in-law Shreejale.

➤ **Could you please tell us about your school and University education?**

Briefly, I completed my educations as follows:

- 1964 CE, S.L.C. from Vishwo Niketan High School,
- 1967 CE, I. Sc. from Amrit Science College,
- 1969 CE, B.Sc. from Tri-Chandra College,
- 1971 CE, M.Sc. from University College,
- 1972 CE, M.Ed. (Math) from Institute of Education.

I submitted my Ph.D. thesis from University of Delhi, in the year 1982 CE under the guidance of Prof. Pawan Kumar Jain. All my research works have been published from several reputed journals of mathematics from European countries in the field of functional analysis (theory of bases).

➤ **May we know a bit about your teaching career?**

During my forty years of teaching profession, I was fully involved in teaching at Bachelor's/Master's level courses of M.Ed. /M.Sc. in mathematics. Beside this, I have designed several undergraduate and graduate courses of mathematics for the Faculty of Education and IOST. I have written several Bachelor's level books and school mathematics books. For the detail, you can search at <https://tribhuvan.academia.edu/SantoshManMaskey>.

➤ **How mathematics can be made popular? What changes should be brought in the curriculum of mathematics at University level?**

The discipline of mathematics has to be popularized from the school level by exposing them with practical mathematical problem related to society and interdisciplinary issues. With these things in my mind, I have already delivered 26 invited expository lectures at different national/international conferences.

The mathematics curriculum has to be updated at least in four/five year of interval so that new fields of mathematics and its applications be incorporated. In this

regards, young math teachers at graduate level are to be encouraged and they are to be advised to read new books.

➤ **What mathematics books made you impressed and why?**

It is not possible to mention any specific book at this moment. But I remember my undergraduate student life by studying mathematics reference books at British Council Library at Kantipath.

➤ **What opinion/suggestions would like to share with young mathematics teachers?**

I suggest young teachers/ researchers that they should develop the reading habit with new books/papers to enhance their knowledge. They have to change their attitude in exploration. Now it can be done quite easily by using their mobile. The high technology has made us accessible in the regard.

➤ **Will you share your experience with us regarding researches in mathematics in Nepal?**

The high technology has made us to do research in Nepal as well. For this there should be academically active Professors in the Department. It was entirely different situation during my research period. It was

difficult to have latest materials even at the University of Delhi. I corresponded to more than five hundred mathematicians of the world in the periphery of my research area to have their published work. To have the information about these, the Mathematical Reviews of American Mathematical Society is consulted frequently.

➤ **Any suggestions for Nepal Mathematical Society?**

- To have the NMS Building of its own.
- Archive of all the publication, photos of the events of NMS.
- Subscribe the Mathematical Reviews (MR) from 1940 CE to present.
- Subscribe Math journals of different countries and their old issues.
- None of the universities of Nepal has the expert in the field of topology, algebra, geometry, number theory and new areas of applied mathematics.
- Publication of booklets of introductory new areas of mathematics.
- Publication of long articles relating mathematics to other disciplines.
- Publication of undergraduate level mathematics textbooks.

Short Biography

Prof. Prakash Ratna Shakya



About Family

Prof. Shakya was born on 13 April, 1946 in Wotu, Kathmandu and currently lives in Kumari Club Balkhu. His father's name is Buddha Ratna Shakya and mother's name is Moti Maya Shakya. Prof. Shakya was married to Durga Shakya. She was associate professor in Economics, Tri-Chandra Multiple Campus and now she has already got retirement. He has been blessed with two daughters Pratistha and Prashamsa. Dr. Pratistha Shakya is in the USA and Dr. Prashamsa Shakya is studying MDS in Dharan under government scholarship. She is working as Inspector in Nepal Police Hospital.

Education

Prof. Shakya passed the school leaving certificate examination from J.P. High school, Kshetrapati, Chaksibari and studied ISc and BSc in Trichandra College (TC). Geology Department was established in TC under the initiative of Prof. Biswo Man Pradhan in 1967. He was the first batch of BSc Geology. After passing BSc, he

worked as a demonstrator in the Geology Department under HMG service commission, during that period, he was also studying MSc in mathematics in TU Kirtipur. Prof. Dr. Madhav Prasad Sharma, VC of TU encouraged him to study MSc in mathematics.

Academic Service and Contributions

After completing M.Sc. Mathematics, Prof. Shakya joined Sanathimi Campus for one year as an Asst. Lecturer in temporary basis. During end of that period, he applied for the permanent post for IAAS, Rampur and was selected in 2031. While working in Rampur campus, he was also involved in Agriculture Research Project.

In 2036 BS, he was promoted to lecturer and posted in Amrit Science Campus. He was selected to study postgraduate course in Applied Math under UNESCO scholarship program in Bucharest University Romania. After he returned back from Romania, he opened M.Sc. in mathematics under his initiative with the special help of Prof. Dr. Pushpa Raj Adhikary and other teaching staffs. He was the chairman of Department of mathematics in Amrit Campus after Prof. Mohan Bir Singh. To provide quality education for MSc students, he used to pick up Prof. R. P. Manandhar from his house and other teaching staffs from CDM TU, Kirtipur. Because of his efforts, one of his students Krishna Bahadur Chand was able to receive VC medal from Amrit Campus. In M.Sc. program, he used to teach Integral Transform, Distribution Theory and Differential

Equation. He also served as Assistant Campus Chief in Amrit Campus.

Awards, Involvement and Participation

He served Nepal Mathematical Society (NMS) as joint secretary. When At that time, the team registered the society in CDO office and Prof Dr. R. P. Manandhar was the President. He also remained as an advisor of NMS.

"I must give sincere thanks to my respected sir Prof. Dr. R. P. Manandhar and Prof. Dr. R. M. Shrestha for their

encouragement in educational enhancement as well as motivations in academic activities", says Prof Shakya.

He also got chance to participate seminars and workshop at ICTP, Italy, Colombo, Sri Lanka, Bangladesh Dhaka, Reading university, UK, Thailand and South Korea. During these days, he was involved in Universal Peace foundation and also awarded by the certificate of Ambassador for Peace.

*Heartily Congratulations &
Best Wishes to*

NEPAL MATHEMATICAL SOCIETY

on the special occassion of its

42nd Anniversary



Central Department of Mathematics

Tribhuvan University, Kirtipur

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|----|--|
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| 2 | Agni Datta Joshi |
| 3 | Ajana Bhandari |
| 4 | Ajay Kumar Chaudhary (Treasurer, 2075) |
| 5 | Ajaya Basnet |
| 6 | Asso. Prof. Dr. Ajaya Singh (EC Member, 2075) |
| 7 | Amar Bhadrur Karki |
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| 20 | Anjana Pokharel |
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| 26 | Arjun Khatiwada |
| 27 | Dr. Arjun Acharya |
| 28 | Asso. Prof. Arjun Adhikari (EC Member, 2066) |
| 29 | Arjun Neupane |
| 30 | Arun Kumar Bhandari |
| 31 | Ashok Kumar Yadav |
| 32 | Ashok Kumar Chaudhary |
| 33 | Atma Ram Adhikari |
| 34 | Babu Ram Chapagain (EC Member, 2063) |
| 35 | Babu Ram Gurangain |
| 36 | Baburam Neupane |
| 37 | Baburam Suyal |
| 38 | Asso. Prof. Badri Laxmi Vaidya (Treasurer, 2063; EC Member, 2050) |
| 39 | Badri Prasad Pageni Badri Tamang (add) |
| 40 | Baikuntha Sharma |
| 41 | Bal Bahadur Saud |
| 42 | Bal Bahadur Tamang |
| 43 | Bal Dev Adhikari |
| 44 | Bal Kumar Khadaka |
| 45 | Bal Kumari Lamsal |
| 46 | Bal Ram Khatri Ghimire |
| 47 | Bam Bdr. Thapa |
| 48 | Asso. Prof. Bam Dev Jha (Vice-President, 2069) |
| 49 | Basant Kumar Basnet |
| 50 | Prof. Dr. Basant Raj Adhikari (EC Member, 2063) |
| 51 | Basanta Rai |
| 52 | Basu Dev Ghimire |
| 53 | Prof. Dr. Basu Dev Uprety |
| 54 | Bechan Yadav |
| 55 | Bekha Ratna Dongol |
| 56 | Bhabani Lamsal |

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| 57 | Prof. Dr. Bhadra Man Tuladhar (Advisor, 2072; Vice-President, 2044; President, 2066, 2069) |
| 58 | Bhadra Raj Tripatri |
| 59 | Asso. Prof. Bhai Raja Ranjit (EC Member, 2050) |
| 60 | Prof. Dr. Bhanu Chandra Bajracharya |
| 61 | Bharat Bahadur Thapa |
| 62 | Bharat Prasad Aryal |
| 63 | Bharat Raj Wagle |
| 64 | Bhavanand Chaudhary |
| 65 | Bhim Prasad Kafle |
| 66 | Bhimsen Khadka |
| 67 | Bhola Nath Bhattarai |
| 68 | Dr. Bhupendra Paudel |
| 69 | Bhuvan Bhatt |
| 70 | Bhuwan Acharya |
| 71 | Bhuwan Prasad Ojha |
| 72 | Bibek Acharya |
| 73 | Bibhab Neupane |
| 74 | Bijaya Adhikari |
| 75 | Bijaya Nath Mishra |
| 76 | Bijaya Prasad Pokharel |
| 77 | Bikalpa Baniya |
| 78 | Bikram Bhusal |
| 79 | Bikram BK |
| 80 | Bikram Rai |
| 81 | Bimala Mishra |
| 82 | Prof. Dr. Bina Ranjan Baral |
| 83 | Bindeshwor Mahato |
| 84 | Prof. Dr. Binod Prasad Dhakal |
| 85 | Prof. Dr. Binod Kaphle |
| 86 | Binod Khand Timilsana |
| 87 | Prof. Dr. Binod Prajuli |
| 88 | Binod Prasad Lamsal |
| 89 | Binod Rimal |
| 90 | Binod Shaha |
| 91 | Bishnu Kumar Shrestha |
| 92 | Binshu Prasad Pandey |
| 93 | Bipin Kumar Ray |
| 94 | Bir Bdr. Thapa |
| 95 | Birendra Jaiswal |
| 96 | Birendra K. Jha |
| 97 | Birman Dhakal |
| 98 | Bisaw Bahadur Shahi |
| 99 | Bishnu Bahadur Parajuli |
| 100 | Bishnu Hari Subedi |
| 101 | Bishnu Kumar Giri |
| 102 | Bishnu Pd. Chapagai |
| 103 | Bishnu Prasad Bhandari |
| 104 | Prof. Dr. Bishnu Prasad Dhungana |
| 105 | Bishnu Prasad Upadhaya |
| 106 | Bishwa Raj Adhikari |
| 107 | Brinda Devi Shakya Bindra |
| 108 | Dr. Buddhi Prasad Sapkota |
| 109 | Buddhi Raj Pantha |
| 110 | Chakra Bahadur Bista |
| 111 | Chakra Dumre |
| 112 | Chakra Singh Pwali |

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| 113 | Chandra Limbu |
| 114 | Chet Nath Tiwari |
| 115 | Prof. Dr. Chet Raj Bhatta (Secretary, 2066, President, 2075) |
| 116 | Chhabi Dhungana |
| 117 | Chhabi Siwakoti |
| 118 | Chhabilal Bhusal |
| 119 | Prof. Dr. Chinta Mani Pokharel (EC Member, 2072) |
| 120 | Chok Raj Dawadi |
| 121 | Prof. Dr. Choodamani Joshi (Advisor, 2072) |
| 122 | Chudamani Paudel |
| 123 | Chudamani Pokharel |
| 124 | Prof. Dr. Dal Bahadur Adhikary (EC Member, 2050; Advisor, 2069) |
| 125 | Dal Thapa |
| 126 | Daya Raj Acharya |
| 127 | Prof. Daya Ram Paudyal |
| 128 | Deb Raj Poudel |
| 129 | Debiram Poudel |
| 130 | Deepak Bastola |
| 131 | Dr. Deepak Basyal |
| 132 | Dev Bhakta Pandey |
| 133 | Dev Chandra Shrestha |
| 134 | Dev Raj Joshi |
| 135 | Dev Ratna Kansakar |
| 136 | Dhak Bahadur Thapa |
| 137 | Dhaka Mohan Basnet |
| 138 | Dhan Kumar K.C. |
| 139 | Dhan Raj Char |
| 140 | Asso.Prof. Dhana Kumari Thapa (Joint-Secretary, 2063; EC Member, 2060) |
| 141 | Dr. Dhanpati Adhikari |
| 142 | Prof. Dr. Dharanidhar Regmi (Vice-President, 2060) |
| 143 | Dr. Dharendra Thakur |
| 144 | Prof. Dhup Ratna Bajracharya (Advisor, 2063, 2060; EC Member, 2044; President, 2035) |
| 145 | Asso. Prof. Dhurba Raj Sigdel |
| 146 | Digvijay Chaudhary |
| 147 | Prof. Dr. Dil Bahadur Gurung (EC Member, 2069, Vice President 2075) |
| 148 | Prof. Dila Ram Bhattarai |
| 149 | Dilip Kumar Paudyal |
| 150 | Dilip Kumar Shah |
| 151 | Dilli Raj Neupane (EC Member, 2069) |
| 152 | Dinanath Paudyal |
| 153 | Dinesh Bhandari |
| 154 | Asso. Prof. Dr. Dinesh Panthi (Joint-Secretary 2069, Secretary 2075) |
| 155 | Dinesh Prasad Mainali |
| 156 | Prof. Dinesh Raj Pant |
| 157 | Dipendra Phuyal |
| 158 | Dipendra Baral |
| 159 | Dr. Dipendra Regmi |
| 160 | Dol Nath Khanal |
| 161 | Domodar Khanal |
| 162 | Dub Raj Neupane |
| 163 | Asso.Prof.Dr. Durga Jang K.C. (Joint-Secretary, 2060) |
| 164 | Durga Prasad Sharma |
| 165 | Durga Prasad Khanal |
| 166 | Dwarika Nath Gajurel |
| 167 | Dwarika Prasad Gautam |

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| 168 | Eishwor Prasad Paudel |
| 169 | Prof.Dr. Eka Ratna Acharya (EC Member, 2066) |
| 170 | Er. Ananda Singh |
| 171 | Gaj Ram Damai |
| 172 | Prof. Dr. Gajendra Bahabur Thapa (Advisor, 2069) |
| 173 | Gajendra Bhandari |
| 174 | Ganesh Bahadur Basnet (EC Member, 2072) |
| 175 | Ganesh Bhandari (EC Member, 2066) |
| 176 | Ganesh Ghimire |
| 177 | Ganesh Kamansingh Rawal |
| 178 | Ganesh Kumar Dhakal |
| 179 | Ganesh Prasad Adhikari |
| 180 | Ganesh Prasad Pandey |
| 181 | Ganesh Sapkota |
| 182 | Ganesh Shiwakoti |
| 183 | Ganga Ram D.C. |
| 184 | Ganga Ram Phajoo |
| 185 | Gauri Bhuju |
| 186 | Gauri Shanker Shrestha (Advisor, 2060) |
| 187 | Genesh Shiwakuti |
| 188 | Asso. Prof. Dr. Ghan Shyam Bhatt |
| 189 | Asso. Prof. Dr. Ghanshyam Pant |
| 190 | Girendra Prasad Shah |
| 191 | Giri Raj Paneru |
| 192 | Prof. Dr. Gita Bhakta Joshi |
| 193 | Gita Ram Dhakal |
| 194 | Asso. Prof. Gita Shrestha (EC Member, 2072) |
| 195 | Gokul Dev Badu |
| 196 | Dr. Gokul K.C. |
| 197 | Dr.Gopal Koirala |
| 198 | Gopal Neupane |
| 199 | Gopal Prasad Acharya |
| 200 | Gopal Raj Kandel |
| 201 | Gopi Nath Aryal |
| 202 | Guha Nath Poudel |
| 203 | Guru Datta Poudel |
| 204 | Guru Datta Sharma |
| 205 | Guru Prasad Dhakal |
| 206 | Guru Prasad Rijal |
| 207 | Prof. Dr. Gyan Bahadur Thapa |
| 208 | Asso. Prof. Gyan Man Bajracharya |
| 209 | Gyan Prasad Poudel |
| 210 | Gyanendra Gurung |
| 211 | Dr. Gyanendra Pokharel |
| 212 | Gyanendra Shrestha |
| 213 | Asso.Prof.Hari Bhakta Pandey |
| 214 | Hari Datt Joshi |
| 215 | Asso.Prof.Hari Dev Chaudhary |
| 216 | Hari Dutta Pandey |
| 217 | Hari Nandan Nath |
| 218 | Hari Pd. Sitaula |
| 219 | Hari Prapanna Kandel (EC Member 2075) |
| 220 | Hari Prasad Bhattarai |
| 221 | Hari Prasad Gawali |
| 222 | Hari Prasad Jamarkattel |
| 223 | Hari Prasad Srawali |
| 224 | Prof. Dr. Hari Prasad Upadhaya |
| 225 | Hari Ram Limbu |

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| 226 | Prof. Dr. Harihar Khanal |
| 227 | Harish Chandra Bhandari |
| 228 | Harish Chandra Dhakal |
| 229 | Dr.Harish Prasad Bhatt |
| 230 | Harka Shrestha |
| 231 | Harkt Bdr. Jora |
| 232 | Harsh Bahadur Chand |
| 233 | Prof.Dr. Hem Raj Joshi |
| 234 | Hem Raj Pandey |
| 235 | Hem Raj Sigdel |
| 236 | Him Lal Parajuli |
| 237 | Himal Chandra Belbase |
| 238 | Himalaya Ghimire |
| 239 | Prof. Dr. Hira Bahadur Maharjan (EC Member, 2035) |
| 240 | Hira Bhandari |
| 241 | Hiranaya Lal Karmacharya |
| 242 | Hom Kumari Adhikari |
| 243 | Prof. Dr. Hom Nath Bhattarai (President, 2063; EC member, 2060; Vice President, 2050; Secratery, 2044) |
| 244 | Hom Nath Pokhrel |
| 245 | Indra Bahabur Chhetry |
| 246 | Ishwor Bohara |
| 247 | Ishwor Gharti |
| 248 | Dr. Ishwori Prasad Upadhayaya |
| 249 | Iswar Mani Adhikari (EC Member-2069) |
| 250 | Iswari Jung Kunwar |
| 251 | Jagdish Gnawali (EC Member 2075) |
| 252 | Janta Raut |
| 253 | Dr.Jaya Bishnu Pradhan |
| 254 | Jaya Ram Subedi |
| 255 | Jayadev Nath |
| 256 | Jayanta Acharya |
| 257 | Jedu Ram Poudel |
| 258 | Dr.Jeetendra Thapa |
| 259 | Dr.Jeevan Kafle (EC Member 2072, Joint-Secretary 2075) |
| 260 | Jeevan Sharma |
| 261 | Jhal Prasad Adhikari |
| 262 | Jhalak Nath Khanal |
| 263 | Jhaneshwor Chalise |
| 264 | Jhavi Lal Ghimire |
| 265 | Jiban Singh Limbu |
| 266 | Jiblal Upadhaya |
| 267 | Jivan Kumar Niraula |
| 268 | Jivan Tripathi |
| 269 | Asso. Prof.Dr. Jivandhar Jnawali |
| 270 | Juju Bhai Manandhar |
| 271 | Prof. Dr. Jyoti Upadhayaya |
| 272 | Asso. Prof. Kabita Luitel (Treasurer 2066) |
| 273 | Dr. Kailash Ghimire |
| 274 | Dr. Kaji Prasad Ghimire |
| 275 | Kamal Kumar Thapa |
| 276 | Kamal P. Gautam |
| 277 | Kamal Prasad Aryal |
| 278 | Kamalesh Kumar Lal Karn |
| 279 | Prof. Dr. Kamalmani Baral |
| 280 | Dr. Kanchha Bhai Manadhar (EC Member 2075) |
| 281 | Prof. Dr. Kanhaiya Jha (Joint-Secretary 2066, Secretary 2072) |
| 282 | Kapil Prasad Timala |
| 283 | Dr. Karan Singh Thagunna |

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| 284 | Kashab Prasad Parajuli |
| 285 | Kedar Nath Chhatkuli (EC Member, 2066) |
| 286 | Prof. Dr. Kedar Nath Uprety (Secretary, 2069; Advisor 2072, 2075) |
| 287 | Kedar Prasad Nepal |
| 288 | Dr. Kedar Nepal |
| 289 | Keshab Pd. Adhikari |
| 290 | Keshab Raj Phulara |
| 291 | Prof. Keshab Sitouala (EC Member, 2072) |
| 292 | Prof. Dr. Keshar Singh Rana |
| 293 | Keshav Paudel |
| 294 | Keshav Lal Shrestha |
| 295 | Dr. Keshav Raj Acharya |
| 296 | Khagendra Adhikari (EC Member, 2072) |
| 297 | Khagendra Karki |
| 298 | Asso. Prof. Khagendra Pokharel |
| 299 | Asso. Prof. Dr. Khageshwar Mandal |
| 300 | Dr.Khim Bahadur Khatri |
| 301 | Dr. Khim Raj Shrestha |
| 302 | Khum Bahadur Basnet |
| 303 | Kishna Datt Pant |
| 304 | Asso. Prof. Kishor Gautam (EC Member, 2060) |
| 305 | Kishor Kumar Chalise |
| 306 | Dr. Koshal Raj Dahal |
| 307 | Asso. Prof. Dr. Kripa Sindhu Prasad |
| 308 | Krishna Bahadur Bista |
| 309 | Asso.Prof.Dr. Krishna Bahadur Chand |
| 310 | Krishna Bhurtel |
| 311 | Asso. Prof. Krishna Dev Bhagat |
| 312 | Asso. Prof. Krishna Kanta Parajuli |
| 313 | Krishna Khanal |
| 314 | Prof. Dr. Krishna Kumar Shrestha (EC Member, 2060; Advisor, 2072) |
| 315 | Krishna Mangal Joshi |
| 316 | Krishna Mani Joshi |
| 317 | Krishna Pd. Bhatt |
| 318 | Krishna Prasad Aryal |
| 319 | Krishna Prasad Dhakal |
| 320 | Krishna Prasad Jnawali |
| 321 | Krishna Prasad Joshi |
| 322 | Krishna Prasad Kandel |
| 323 | Dr. Krishna Prasad Pokhrel |
| 324 | Krishna Prasad Tiwari |
| 325 | Krishna Raj Dhakal |
| 326 | Krishna Raj Pandey |
| 327 | Krishna Subedi |
| 328 | Asso.Prof.Kula Nand Chaudhary |
| 329 | Kumar Subedi |
| 330 | Prof. Kumbh Bahadur Chand |
| 331 | Kush Lal Pradhan (EC Member, 2035) |
| 332 | Late Prof. Dr. Lalata Prasad Jaiswal |
| 333 | Late Tirthananda Vaidya (Joint Secretary, 2044) |
| 334 | Lava Chandra Shrestha |
| 335 | Laxman Bahadur Kunwar |
| 336 | Laxman Basnet |
| 337 | Laxman Karki |
| 338 | Laxmi Mahato |
| 339 | Dr. Laxmi Prasad Paudel |
| 340 | Asso.Prof.Lila Bahadur K.C. |
| 341 | Liladhar Neupane |

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| 342 | Asso. Prof. Lok Nath Adhikari |
| 343 | Lok Nath Bhattarai |
| 344 | Dr. Lokendra Prasad Paudel |
| 345 | Madan Bahadur Chand Madan Raj Ojha (add) |
| 346 | Madan Bhandari |
| 347 | Dr. Madhab Prasad Sharma |
| 348 | Madhav Sigdel |
| 349 | Madhu Krishna Shrestha |
| 350 | Madhu Sudan Devkota |
| 351 | Madhusudan Prasad Mandal |
| 352 | Prof. Dr. Mahendra Panthee |
| 353 | Prof. Maheshwor Pd. Upadhyaya |
| 354 | Makbul Ahmad |
| 355 | Mali Prasad Giri |
| 356 | Man Bahadur Basnet |
| 357 | Man Bahadur Bhujel (EC Member 2075) |
| 358 | Prof. Dr. Mana Raj Joshi (EC Member, 2035) |
| 359 | Mangal Prasad Sapkota |
| 360 | Mani Prasad Sigdel |
| 361 | Dr. Manju Kumari Deo |
| 362 | Dr. Manoj Gyawali |
| 363 | Dr. Manoj Karki |
| 364 | Manoj Kumar Gupta |
| 365 | Manoj Kumar Mahato |
| 366 | Asso. Prof. Dr. Manoj Kumar Raut |
| 367 | Manoj Prasad Sigdel |
| 368 | Meena Machamasi |
| 369 | Megh Raj Acharya |
| 370 | Merina Sthapit |
| 371 | Milan Haladik |
| 372 | Milan Lal Manandhar |
| 373 | Mina Gumanju |
| 374 | Mithilesh Kumar Lal |
| 375 | Mohan Bahadur Chand |
| 376 | Mohan Chandra Adhikari |
| 377 | Molhu Prasad Jaiswal |
| 378 | Asso.Prof.Mukhi Lal Chaudhary |
| 379 | Dr. Mukta Bahadur Bhandari |
| 380 | Mukunda Bahadur Shrestha |
| 381 | Prof. Dr. Mukunda Gajurel |
| 382 | Mukunda Prasad Rijal |
| 383 | Murari Pandey |
| 384 | Naba Raj Adhikari (EC Member, 2069) |
| 385 | Nabin Pathak |
| 386 | Nabonaryan Jha |
| 387 | Nandu Prasad Koiri |
| 388 | Nar Bahadur Chand |
| 389 | Dr. Nar Singh Rawal (EC Member, 2063) |
| 390 | Narayan Datt Bhatta |
| 391 | Narayan Kumar Karki |
| 392 | Narayan Pandey |
| 393 | Prof. Dr. Narayan Prasad Pahari (EC Member, 2066; Vice-president 2072,Advisor, 2075) |
| 394 | Asso.Prof.Dr.Narendra Narayan Jha |
| 395 | Naresh Pant |
| 396 | Naryan Prasad Adhikari |
| 397 | Nathmal Agrawal |
| 398 | Nava Raj Bhandari |
| 399 | Navaraj Kandel |

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| 400 | Navaraj Neupane |
| 401 | Dr. Naveen Kumar Mahato |
| 402 | Nawraj Tiwari |
| 403 | Dr. Neelam Subedi |
| 404 | Dr. Netra Khanal |
| 405 | Netra Prasad Bastola |
| 406 | Nilam Kharel |
| 407 | Nilam Shrestha |
| 408 | Niraj Sharma |
| 409 | Nirmal Kumar Darlami |
| 410 | Nirmal Marahatta |
| 411 | Nirul Tuldham |
| 412 | Asso. Prof. Nissar Ahmad (EC Member, 2063) |
| 413 | Asso. Prof. Nuchhe Shoba Tuladhar |
| 414 | Om Narayan Shrestha |
| 415 | Prof. Dr. Om Prakash Niraula |
| 416 | Om Prasad Sharma |
| 417 | Padam Ghimire |
| 418 | Padam Raj Ghimire |
| 419 | Padma Thapa |
| 420 | Pahalman Shrestha |
| 421 | Asso.Prof.Dr.Panch Deo Yadav |
| 422 | Pant Kumar Sah |
| 423 | Asso. Prof. Dr. Parameshwari Kattel (Joint Secretary, 2072) |
| 424 | Pardip Paudel |
| 425 | Parishwar Acharya |
| 426 | Parmeshor Rijal |
| 427 | Parsuram Chaudhary |
| 428 | Dr. Pavan Kumar Jha |
| 429 | Asso.Prof.Dr. Pawan Kumar Karn |
| 430 | Pawan Kumar Shah |
| 431 | Pawan Shrestha |
| 432 | Phan Bahadur G.C. |
| 433 | Phanindra Prasad Bhandari |
| 434 | Pharsu Ram Bhandari |
| 435 | Pitambar Acharaya |
| 436 | Pitambar Tiwari |
| 437 | Piyush Raj Gosain |
| 438 | Pradeep Godar Chhetri |
| 439 | Pradip Bagale |
| 440 | Pradip Bahadur Thapa |
| 441 | Pradip Pandel |
| 442 | Dr. Pradip Raj Aryal |
| 443 | Prajwal Bir Singh Kansakar |
| 444 | Prakash Ghimire |
| 445 | Prof. Dr. Prakash Muni Bajracharya (Treasurer 2050, Advisor, 2075) |
| 446 | Prof. Prakash Ratna Shakya (Joint-Secretary 2050, Advisor 2066) |
| 447 | Pralhad Sangraula |
| 448 | Pramod Kumar Chaudhary |
| 449 | Prem Bahadur Chand |
| 450 | Prem Bahadur Mahat |
| 451 | Prem Bahadur Rana |
| 452 | Prem Gurung |
| 453 | Prem Narayan Khanal |
| 454 | Prem Narayan Pokharel |
| 455 | Prem Prakash Kaphle |
| 456 | Asso. Prof.Dr. Prem Sagar Bhandari |
| 457 | Asso. Prof. Prem Shah |

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| 458 | Prem Shrama |
| 459 | Purna Prasad Sharma |
| 460 | Purushottam Parajuli |
| 461 | Pushpa Nidi Gautam |
| 462 | Dr. Puskar Raj Pokharel (EC Member, 2066, 2069) |
| 463 | Prof. Dr. Puspha Raj Adhikari (Treasurer, 2044; Advisor, 2069) |
| 464 | Asso.Prof.Rabi Ratna Shakya (EC Member, 2066) |
| 465 | Rabi Shankar Kumar Singh |
| 466 | Rabindra Nath Gajurel |
| 467 | Asso. Prof. Dr. Rabindra Prasad Kayastha |
| 468 | Rafi Bhandari |
| 469 | Raghu Bir Bhatta |
| 470 | Raghu Raj Prasad Singh |
| 471 | Dr. Raj Deo Prasad Kushwaha |
| 472 | Raj Kumar Badal |
| 473 | Asso. Prof. Raj Kumar Mahato |
| 474 | Raj Kumar Pradhan |
| 475 | Raj Kumar Shah |
| 476 | Prof. Dr. Raj Narayan Yadav (EC Member 2072) |
| 477 | Asso. Prof. Raja Ram Acharya |
| 478 | Rajan Thapa |
| 479 | Rajaram Thapaliya |
| 480 | Rajendra Bhattarai |
| 481 | Rajendra K.C. |
| 482 | Rajendra Pant |
| 483 | Rajendra Paudel |
| 484 | Rajendra Prasad Neupane |
| 485 | Rajendra Singh Madai |
| 486 | Asso. Prof. Rajesh Kumar Thagurathi |
| 487 | Rajesh Prasad Shrestha |
| 488 | Raju Augi |
| 489 | Asso. Prof. Dr. Raju Ram Thapa |
| 490 | Ram Chandra Rimal |
| 491 | Ram Chandra Sigdel |
| 492 | Ram Datta Bhatta |
| 493 | Ram Datta Joshi |
| 494 | Ram Avatar Yadav |
| 495 | Ram Bahadur Thapa |
| 496 | Prof. Ram Biswas Prasad Shah |
| 497 | Ram Chandra Dhungana |
| 498 | Ram Chandra Dhungana |
| 499 | Dr. Ram Chandra Neupane |
| 500 | Ram Krishna Lamichhane |
| 501 | Ram Krishna Regmi |
| 502 | Prof. Dr. Ram Man Shrestha (Advisor, 2063, 2060, President, 2044, Ec Member, 2050, secretary, 2035) |
| 503 | Asso. Prof. Dr. Ram Prasad Ghimire (EC Member, 2060) |
| 504 | Ram Prasad Niraula (Advisor, 2063, 2060; President, 2044; EC Member, 2050; Secretary, 2035) |
| 505 | Ram Prasad Poudel |
| 506 | Ram Prasad Subedi |
| 507 | Ram Prasad Subedi |
| 508 | Ram Prit Ray |
| 509 | Ram Uday Shah |
| 510 | Raman Kumar Karn |
| 511 | Ramchandra Dhungana |
| 512 | Asso. Prof. Ramesh Chandra Timsina |
| 513 | Ramesh Gautam (EC Member 2075) |
| 514 | Ramesh K.C. |

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| 515 | Ramesh Karki |
| 516 | Dr. Ramesh Karki |
| 517 | Ramesh Khanal |
| 518 | Ramesh Kunwar Thapa |
| 519 | Prof. Dr. Ramjee Pd. Pandit |
| 520 | Dr. Ramji Sharma |
| 521 | Dr. Ramlakhan Sah |
| 522 | Ramrohit Dhawal |
| 523 | Dr.Ranjan Kumar Singh |
| 524 | Ravi Shankar Kumar Singh |
| 525 | Ravindra Mishra |
| 526 | Resham Prasad Poudel |
| 527 | Asso. Prof. Dr. Riddhi Jung Shah |
| 528 | Rinitzin Namgyel (Bhutan) |
| 529 | Rishi Kesh Nepal |
| 530 | Rishi Ram Bagale |
| 531 | Rishi Ram Gaire |
| 532 | Rishi Ram Paudel |
| 533 | Rita Gautam |
| 534 | Ritu Basnet Thapa (EC Member 2075) |
| 535 | Rohit Kumar Paudel |
| 536 | Roshan Lamichhane |
| 537 | Rudra Bahadur Pradhan (EC Member, 2035) |
| 538 | Rudra Hari Gyanawali |
| 539 | Ruka Nath Dhamala |
| 540 | Rukma Nath Poudyal |
| 541 | Ruma Manandhar |
| 542 | Dr. S. Balasubra Manian (India) |
| 543 | Sabindra Giri |
| 544 | Sabita Bashyal |
| 545 | Sagar Dahal |
| 546 | Sachin Wagle |
| 547 | Sagar Upadhayay |
| 548 | Sahadeb Upretee |
| 549 | Prof. Dr. Sailendra Kumar Mishra (EC Member 2063, Advisor 2069, 2072) |
| 550 | Dr. Samir Shrestha (EC Member, 2072) |
| 551 | Samjhana Koirala |
| 552 | Sanat Kumar Acharya |
| 553 | Sangam Pangen |
| 554 | Sanjay Gopal Shrestha |
| 555 | Sanjaya Basnet |
| 556 | Sanjaya Kumar Karna |
| 557 | Dr. Santosh Bhattarai |
| 558 | Santosh Gautam |
| 559 | Asso.Prof.Dr. Santosh Ghimire (EC Member, 2069) |
| 560 | Santosh Gnawali |
| 561 | Santosh Pathak |
| 562 | Dr. Santosh Kandel |
| 563 | Prof. Dr. Santosh Man Maskey (Advisor 2063, 2066) |
| 564 | Sanu Maharjan |
| 565 | Sarak Dangel |
| 566 | Sarala Luitel |
| 567 | Dr. Saraswoti Acharya |
| 568 | Satya Narayan Rajbhandari (Joint Secretary 2035) |
| 569 | Shakil Kumar Shrestha |
| 570 | Shambhu Gautam |
| 571 | Shankar Pariyar |

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| 572 | Prof. Dr. Shankar Raj Pant (EC Member, 2063; President, 2060; Secretary, 2050; Advisor 2066) |
| 573 | Prof. Dr. Shanti Bajracharya |
| 574 | Shanti Ram Adhikari |
| 575 | Prof. Sharada Shrestha (Vice President, 2066; EC Member 2069) |
| 576 | Sharmila Acharya |
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