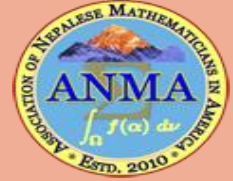# ANMA NEWSLETTER

ASSOCIATION OF NEPALESE MATHEMATICIANS IN AMERICA

MESSAGE FROM THE PRESIDENT

"If I have seen further, it is by standing upon the shoulders of giants."

-Sir Isaac Newton

Indeed, the executive committee (2019-2021) of ANMA is thankful for all the creative minds and dedicated souls who invested their time and sincere efforts before passing the baton of a dynamic organization to the current executive committee in January 2019. We continued highly impactful programs and created many new initiatives to reach out to the larger community of academicians and researchers covering a breadth and depth of mathematical sciences.

Successful completion of the Second International Conference on Application of Mathematics to Nonlinear Sciences (AMNS-2019) left a high impact of ANMA on the global community. In continuation, we have prepared a strong groundwork for the third international conference-AMNS 2022, to be held on May 26-29, Pokhara. We are working closely and collaborating with the Nepal Mathematical Society (NMS), Central Department of Mathematics, Kathmandu University, and other professional organizations in Nepal for the development of mathematical sciences in Nepal. During the last two years, ANMA organized and supported multiple capacity-building workshops for ANMA members as well as the mathematics community in Nepal.

One of the most exciting treasures of ANMA is its academic diversity. We have members working from pure mathematics, Applied Statistics, to Artificial Intelligence and Machine Learning. We celebrated the diversity of our members by organizing the second collaborative workshop on mathematical sciences on May 17, 2020. We have successfully created seven different groups of researchers covering many facets of mathematical sciences. The members are strengthening their current research and branching out their existing research in different directions. More importantly, these groups have produced peer reviewed publications and corroborated to apply for research grants. Also, ANMA organized three webinars on job search, two-webinars on grant writing followed by an academic writing workshop. It gives us immense pleasure to hear feedback from ANMA members that these activities were productive enough to positively impact on their job search and career advancements.

We are working together to create a community of learners. I am forever indebted to all the members of ANMA for trusting us to lead their budding organization. I am equally thankful to my team of the executive committee for their persistent dedication and efforts for showing us a new horizon that we could achieve together by focusing on research and extending our collaborations.

It has been an honor, a joy, and an experience that I will always cherish. Thank you all, and happy New year 2021!!

Regards,
Keshav Pokhrel
President of ANMA

EDITORIAL

This issue of the ANMA newsletter is a small effort to extend the ambit of our friendship by gathering and disseminating accomplishments and experiences of Nepalese mathematicians and statisticians in Nepal, the United States, and around the globe. Abided by the motivation of connecting the mathematics community of Nepal together, we were able to organize different activities that foster perseverance, trust, and teamwork between us. While conducting each of these activities, we were aware that the voices of each of the members will not go unheard. Now that our journey as the executive committee member is at the end, we would like to present the works, accomplishments, and achievements of the bigger and growing family of Nepali mathematicians in the U.S.A. Being a member of ANMA provides a specific opportunity to give back to our communities while working with a passionate and talented group of people.

We believe that the fastest way to grow our network is to import our contacts into our organization and find more people who can serve ANMA with their knowledge and experiences. We are continuously looking into different ways to bring more members of our community under the umbrella of our organization. We are also very excited to share that this year ANMA reached over 100 members. Even during the year of unprecedented changes and challenges, ANMA remained committed to the needs and concerns of its members and organized various activities virtually. We believe that this issue will translate the passion, friendship, achievements, and energy we all ANMA members shared throughout these two years. A mixed emotion of responsibility, pride, and patriotism arose several times while preparing this newsletter.

We are extremely thankful to all our members who invested their time and sincere efforts to make the final version of this newsletter. A very special thank goes to ANMA executive committee member Subas Acharya for his support throughout by providing necessary information and arranging necessary communication. We would also like to express our sincere gratitude to President Keshav Pokhrel and ANMA members Dhruba Adhikari, Naveen Vaidya, Gokarna Aryal, Ashok Aryal, Rajendra Dahal, Srijana Ghimire, Debendra Banjade, Deepak Basyal, and Kedar Nepal for their guidance in preparing the document. We will be eagerly waiting for your suggestions and the support which is always helping us to optimize our future potential and measure our success along the way.

Again, thank you from the executive committee of ANMA for trusting ANMA for representing your needs and concerns throughout these years. God bless and have a wonderful day ahead.

Subhash Subedi, Editor

General Secretary, ANMA

INSIDE THIS ISSUE

FROM ANMA COLLABORATORS: INTERVIEW WITH DR. UPRETY

ANMA has made a remarkable positive impact on Nepalese Mathematics Community

- Dr. Uprety

Dr. Kedar Nath Uprety obtained his Ph.D. in Applied Mathematics from Technical University of Vienna, Austria in 1996 and is serving as a Mathematics Faculty of Tribhuvan University since 1987. He also served as the Head of the department of Central Department of Mathematics, T.U., from 2013 to 2020. He has been actively involved in supervising Ph.D. students and published a number of books and research papers. He is closely associated in the ANMA activities in Nepal and served as a convener of the Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019). Subhash Subedi and Subas Acharya have interviewed Dr. Uprety to obtain some insight about the current situation of mathematics in Nepal, the collaboration of Nepalese mathematicians and ANMA and the future roadmap of our combined effort for the Nepalese mathematics community.

Q: Thank you very much for accepting our request, Sir. How do you see the development of mathematics, in the past and nowadays? Do you believe that the ongoing mathematics curriculum in Nepal meets the international standards? How do you see the teaching and learning of mathematics throughout the country? What are some of your suggestions to improve the standards of mathematics teaching, learning, and research?

A: We are still following the traditional methods of teaching. However, recently we made few changes in the curriculum such as inclusion of new courses like Computer Programming, Mathematical Modeling, and Project work, at the undergraduate level. I believe that our post-secondary curriculum meets the international standards as reflected by the performance of our students pursuing their higher studies. The post-graduate system turns out to be more effective after the semester system started in 2012. In fact, Tribhuvan University has adopted the semester system after we implemented it in the Central Department of Mathematics. Honestly speaking, I can see a lack of honesty and integrity in the teaching faculties nowadays compared to the days when I was a student. However, on the brighter side, some new faculties are more dedicated and equipped with technology. Due to the lack of computational knowledge, we are not being able to efficiently guide our students towards applied industrial problems. Our significant achievements being in teaching and learning as research is always the weaker area of our university. The research in Nepal is being possible only because of the self-motivation of the faculties. The main reason being the lack of clear policy, guidelines, and resources by the university and its research wing, the University Grant Commission (UGC). A clear research requirement and resources from the university and its constituents could potentially solve this issue to some extent. However, since most of the issues are fundamentally created by the politicization of the university, it can be mitigated by the selection of the university officials based on their academic achievements and educational leaderships rather than their political affiliation. The standard of the master's degree program is better in the central department of mathematics compared to the constituent campuses because of sufficient manpower and dedication. The faculties are also facing several problems as the basic survival itself is even difficult in Nepal with the earning they make by serving in the university. Despite all these challenges, I am glad that we have made several positive changes and significantly increased the standard of the programs in recent times.

Q: How do you see the activities of ANMA? How do you evaluate ANMA's journey in its mission to provide resources to advance research as well to share experiences and techniques that influence teaching Mathematics in Nepal?

A: We began collaborating with ANMA members on a personal level; however, the spectrum of our relationship with ANMA has expanded significantly. In 2013, I and Harihar Khanal organized "International Conference on Nonlinear Systems (CNLS)" followed by the two weeks Summer School given by Harihar Khanal, Dhruba Adhikari, and Stefan Mancas. On a personal level, I have a very good relationship with most of the ANMA members. I have taken lots of help and support from ANMA members for the betterment of our program and students. We are currently directing several Ph.D. students with the collaboration of ANMA members. I am so glad to be a part of the successful conferences in 2016 and 2019 in collaboration with ANMA. I am also confident that the forthcoming conference in 2022 will be a grand success. The dedication and harmony ANMA members have shown to the department and mathematics community in Nepal is on a different level and is highly appreciated by the members of our community.

The effort of ANMA members despite their busy schedules is bearing fruits in the direction of achieving the mission of ANMA and has made a remarkable impact in our community. I also want to emphasize the significant effort from the students, researchers, and mathematics lovers in Nepal to use the expertise of Nepalese mathematicians in America. We also highly appreciate the help that ANMA members provided to Ms. Dhana Kumari Thapa in a very difficult time. This shows the dedication of ANMA members towards the Mathematics community of Nepal. I believe ANMA and our department are really complimenting each other, and we have a long way to go together for the betterment of the Nepali Mathematics Community. We always trust ANMA for our need to fulfill high-level research and to make necessary communication with renowned professors around the globe on behalf of Tribhuvan University.

Q: What kinds of programs in future from ANMA in your opinion will be more efficient for Nepali Mathematics community to foster scholarship and professional growth in Nepal as well as in the USA?

A: To help Nepali Mathematicians, ANMA should provide more focus on computational mathematics offering short courses to our students which are very important for uplifting the standard of mathematics in Nepal. ANMA can also organize mathematics competitions at the secondary level and provide training on teaching pedagogies to Nepali faculty especially those outside Kathmandu valleys. As an effect of the current situation, the faculties are more equipped with the digital platform for teaching and research. Therefore, ANMA can contribute to the Nepalese community more significantly through the digital platforms. I would also like to suggest organizing a satellite conference between Nepalese and American mathematicians ahead of the 2022 conference. These are only few suggestions, and with the continuous communication between ANMA and the Nepalese mathematics community, more planning can be done in future.

Q: How do you see your tenure as the Head of the Department at CDM, T.U? How do you summarize the efforts of collaboration between Nepali mathematicians and Nepali mathematicians in the U.S.A during your tenure? Are you satisfied with the collaborative efforts CDM and ANMA made during your tenure?

A: During my tenure, we organized three conferences and CIMPA Schools in collaboration with ANMA whereas Sanskrit university also organized one program with ANMA. In addition, several ANMA members are presenting their work in our department on teaching and research during their visit to Nepal. Those motivating talks are very fruitful to our faculty and students to learn new modes and trends of teaching and research. Several ANMA members are helping us for supervising our Ph.D. students. Furthermore, our friends from ANMA are serving as an editor and reviewer of various journals. In Jan 2016 – Jun 2016, Dr. Harihar Khanal, one of the ANMA members, visited the department as the first Fulbright Scholar. His visit became very much productive and encouraging to our students and faculties. Therefore, I personally and as the then head of the department feel very thankful to ANMA for providing such an opportunity for the faculties and students of our department to be closer with the international trends of mathematics teaching and learning. I am quite satisfied with the partnership with ANMA and am looking forward to more collaboration. During my tenure, we started the M. Phil Program in our department for the betterment of mathematics research. Also, the school of mathematical sciences program started during my tenure which was primarily by the effort of several mathematicians. At this time, I would like to remember senior mathematicians who put the bricks on the foundation of the development of mathematics in Nepal. Without the dedication of those mathematicians, we would never be able to learn higher-level mathematics and pursue a career in mathematics. Despite several challenges, under my leadership, we took the department one step closer towards achieving its goal of making an institution of excellence in teaching and research. I am happy to share that we now have technically equipped classrooms, better facilities, and better opportunity for conducting research.

Q: Finally, would you have any suggestions to the Mathematics community in Nepal, ANMA and your students?

A: My suggestion to ANMA is that ANMA can play a better role for our students to expose them to a global environment by providing resources and consultation to choose universities and to get the necessary knowledge for pursuing a higher degree. In summary, I would like to make an appeal to all the mathematics departments in Nepal, Nepal Mathematical Society, and ANMA to increase the collaboration for achieving our common goals. The current efforts should be continued, and further communication is required to extend the scope of our friendship so that we can be always together for the development of teaching and research of mathematics in Nepal. I would like to assure ANMA that I will play my role as usual to build a strong bond between ANMA and the mathematics community in Nepal.

Finally, I would like to express my regards to all my students and wish them all the best for their future endeavors.

ANMA FOR ITS MEMBER'S CAREER: SERIES OF JOB SEARCH WEBINARS

JOB SEARCH WEBINAR: 2019

ANMA organized webinars on job fair for prospective candidates who are or planning to be in the job market. Having a suitable job is the fundamental requirement of our members for both their lives and career, and thus helping them in the process is ANMA's utmost priority. In a firm belief that these will give important and helpful information for the people in our community looking for a job, ANMA organized two webinars in this respect.

The first webinar took place on October 20, 2019. It was devoted to providing information on how to apply for jobs and prepare important documents for application process. The webinar primarily focused on fundamentally necessary topics for job application such as building the Curriculum Vitae (Resume), writing a Cover Letter (Letter of Application), writing a Teaching Philosophy (Teaching Statement) that specifies diversity and inclusion, preparing a Research Statement (Scholarly Activities), and arrangement of the Recommendation (Reference) Letters. The webinar was also successful to guide the participants on how to apply for jobs suitable for further academic growth by providing consultation on different aspects that a candidate should focus on.

The key person behind this program was an ANMA member Ashok Aryal. His willingness to share the challenges he faced while searching for a suitable academic position fueled his desire to lead this program. Some ANMA members with experience of being a member of the hiring process, such as Gokarna Aryal, Dhruba Adhikari, and Keshav Pokhrel served as panelists. The program is considered as one of the very successful programs by ANMA targeted to graduate students and recent graduates and got highly positive responses from job aspirants. As stated by the vice president Kedar Nepal, some of the participants contacted him and requested for reviewing their job application materials.

This highly motivational feedback further inspired ANMA to organize the Second Webinar on February 8, 2020, at the time when the hiring process usually reaches the point of remote or face-to-face interviews. This time, some of the highly experienced ANMA members Netra Khanal, Hem Joshi, Rajendra Dahal, Kedar Nepal, and Keshav Pokharel served panelists with Ashok Aryal as the passionate moderator as before. This webinar was devoted to providing information on how to face virtually as well as face-to-face interviews, prepare and present research talks, and demonstrate teaching skills effectively.

JOB SEARCH WEBINAR: 2020

As an effort to reduce the stress, anxiety, and problems ANMA members face while searching for new and better opportunities, ANMA organized a continuation of the webinar organized in the last year on job search on October 10, 2020. This webinar primarily aimed at preparing our members for academic careers by offering necessary consultation by the ANMA members currently serving in different institutions and with experience of serving in hiring committees. Several ANMA members hoping to build a portfolio of work to help them and land in great jobs after graduation joined the webinar and became a part of a lively discussion with our expert panels. The webinar mainly focused on career planning and preparing job-search tools as in the webinar in 2019. It also focused on the challenges of job search during the ongoing COVID-19 situation. As before, the ANMA members Ashok Aryal and Kadar Nepal served as the moderators of the webinar whereas the ANMA members Rajendra Dahal and Kailash Ghimire served as the Panel of the discussion. Ramchandra Rimal, a participant of last year's webinar who landed in the academic job successfully, shared his experiences and the challenges he faced during the process. The panelists presented some valuable ideas about preparing the application materials, facing the job interviews as well as surviving and thriving in academia. With their feedback, the participants of the webinar thanked ANMA for providing this learning opportunity to explore avenues of the Job Search Process.

ANMA FOR ITS MEMBERS PROFESSIONAL GROWTH: WEBINARS ON WRITING

GRANT WRITING WEBINAR 2020

Motivated by an innovative idea based on the experience of similar kinds of organizations like the Association of Nepali Physicists in America (ANPA), President Keshav Pokhrel proposed organizing Webinars as a new goal of ANMA. As organizing the face-to-face seminar/conference/meeting demand heavy logistics, ANMA decided to organize a webinar on Grant writing on Nov 17, 2019. The webinar aimed at preparing ANMA members for applying for grants that are available to enhance their academic careers by offering consultations. For this difficult task, Naveen Vaidya, one of the most successful Nepalese researchers with the experience of writing several grant proposals, lead the webinar.

Naveen Vaidya, Keshav Pokhrel, and Ghanshyam Bhatt served as the panelists of the webinar moderated by the ANMA members Bhikhari Tharu and Humnath Bhandari. The panelists shared their experiences as well as important steps and challenges in grant writing with our members currently serving in different institutions and looking forward to applying for grants. They also discussed the selection of suitable grants, fundamental research necessary to write a proposal, and key steps needed to be taken while applying for a successful grant. Several ANMA members were able to obtain answers to the questions raised in their minds while preparing a grant proposal from the experienced panelists. The panelists also described the possible grants suitable to ANMA members. Several fundamental and advanced techniques of grant writing were discussed with an illustration of the success and failure of the previous efforts of the panelists. According to the feedback of the participants, this kind of webinar seemed to be a different level of service that ANMA provided to its members. As said by one of the participants, the webinar not only provided fundamental knowledge of grant writing but also motivated him to seek different areas of professional growth. The ability to seek external funding is one of the major requirements of today's job market and a ladder to professional success in academia. Therefore, this webinar became another milestone of ANMA's activity by extending the domain of ANMA's service to its members. ANMA looks forward to organizing different new programs fostering the professional growth of its members to achieve the goal of taking its members to another level of academic excellence.

WRITING WORKSHOP 2020

ANMA and ANPA jointly organized a special workshop on academic writing skills. This is the first joint program between ANMA and ANPA as an effort to continue organizational as well as project-based collaborations by entertaining professional diversity and learning from each other. As written communication is ubiquitous in our profession -- from publication to grant proposal to daily communication to encounters with new kinds of writing that we often must quickly figure out and do ourselves -- we would benefit from developing our own strategies to tackle these challenges. ANMA invited Dr. Shyam Sharma, an Associate Professor and Graduate Program Director in the Program in Writing and Rhetoric at the State University of New York in Stony Brook. Dr. Sharma facilitated a hands-on workshop titled "Power Up Your Written Communication Skills," taking us through the process of analyzing, understanding, and transferring knowledge from analytical reading to thoughtful writing. The main outline of his presentations were Genre encounters -- analyze a text, an analytical framework -- C.A.M.P. (Context, Audience, Medium, Purpose) --re-analyze the text, and Reflection: Broader takeaway from the workshop. The workshop was held on October 29, 2020.

TOGETHER WE RISE: ANMA COLLABORATIVE RESEARCH WORKSHOP 2018

It had been a long discussion among ANMA members in several formal and informal meetings that there is a necessity of collaborative interdisciplinary research activities among ANMA members. Collaboration among ANMA members can play a vital role for our professional growth, to remain current in respective subject areas, and to fulfill our research passions by implementing our results into several applied areas. ANMA organized "Collaborative Research Workshop in Mathematical Science 2018" to provide an opportunity for its members to showcase their research and problem-solving skills as well as develop relationships with their peers and strengthen their research interests. ANMA vice-president, Kedar Nepal, was the key person in organizing this workshop. He took most of the responsibilities of the workshop in his own institution. He also made necessary arrangements during the workshop at Mercer University on May 25-27, 2018.

Participants of Collaborative Research Workshop

This was the first big face-to-face meeting of ANMA members outside any conference or the Joint Mathematics Meetings. The participants of the workshop were delighted for getting such an opportunity to spend time with their friends as well as to share their research and future research plans with fellow ANMA members. Together, the members explored and discussed new and interesting research projects. Several new projects were created, and members from each group presented their research to their peers. The participants continuously conducted their collaborative research and continued the necessary communication and discussion.

It is a matter of pleasure that some of the research papers are already published in peer-reviewed journals and a lot more are in the pipeline. Based on the feedback from the participants, this workshop was a milestone in the growth of research of ANMA members. Members strongly believe that they can benefit themselves by expanding their research areas, discussing the problems in their native language, and getting help from fellow ANMA members whenever necessary. As a symbol of our friendship and commitment to common academic goals, ANMA T-Shirts were also distributed to the members during the workshop.

TOGETHER WE PERFORM BETTER: FRUITS FROM ANMA WORKSHOP 2018

1. **B. Pantha, S. Giri, H. R. Joshi, N. K. Vaidya, Modeling Transmission Dynamics of Rabies in Nepal, Infectious Disease Modeling (in press), 2020.**
2. **B. Pantha, H. R. Joshi, N. K. Vaidya, Controlling Rabies Epidemics in Nepal with Limited Resources: Optimal Control Theory Approach, Mathematics in Applied Sciences and Engineering, Vol. 1 No 4, pp 353-370 (2020)**
3. **Dhruba R. Adhikari, Ishwari J. Kunwar, Topological degrees on unbounded domains, Open Journal of Mathematical Analysis, Vol. 2 (2018), Issue 2, pp. 41–50**
4. **Ramesh Karki et al. Mathematics in Applied Sciences and Engineering**
   A SOLUTION TO A FRACTIONAL ORDER SEMILINEAR EQUATION USING VARIATIONAL METHOD
5. **Bhikhari Tharu, Keshav Pokhrel, Gokarna Aryal, Ram Kafle, and Netra Khanal, Study of age specific lung cancer mortality trends in the US using functional data analysis. Communications for Statistical Applications and Methods, Accepted, Jan 2021.**

WE RISE AGAIN: ANMA COLLABORATIVE RESEARCH WORKSHOP 2020

Because of the highly positive feedback from the participants of the first workshop at Mercer University in 2018, the ANMA Executive Committee decided to organize "Collaborative Research Workshop in Mathematical Sciences-2020" at Coastal Carolina University, Conway, SC, on May 22-24, 2020. Two very active members of ANMA Rajendra Dahal and Debendra Banjade, the faculty members of Coastal Carolina University, took the responsibility for the successful completion of this workshop on their shoulder and worked diligently to make all the necessary arrangements. However, given the rise in coronavirus cases, ANMA later decided to redesign the workshop into a fully virtual event on May 17, 2020.

As a continuation of the tradition of collaboration between ANMA members, this workshop was a grand success with more than 50 participants. Several members who did not participate in the previous year were eagerly waiting for this opportunity of expanding their research scopes. The enthusiasm and excitement presented in the workshop clearly spoke to the passion that ANMA members have for their research and new collaborations. The atmosphere of the workshop was as same as in the previous workshop albeit it was significantly different from the previous workshop where the participants got the opportunity to meet their friends and spend quality time with them. Based on the feedback from the participants, the workshop was highly successful in achieving its goals: identifying and beginning new collaborative research projects; continuing the work on existing projects in collaboration; building network with fellow researchers; and learning about undergraduate mathematics research.

The workshop started with a brief overview by ANMA president Keshav Pokhrel who was the key person for making the virtual event possible with all necessary arrangements. It was then followed by the presentations of members from each active research group created in the previous workshop about their ongoing research. The workshop later divided into different subgroups including Applied Differential Equations, Nonlinear Analysis, Mathematical Biology, Abstract Analysis, Applied Statistics, and Mathematics Education. In these subgroups, the mathematicians explored new possibilities of research in their corresponding areas. Several groups continued their ongoing projects whereas several new groups were formed and started working together. Based on the information provided by the members, several groups are close to the submission/publication of their work whereas others moving forward in the direction of getting exciting and publishable results.

Workshop on
Collaborative Research in Mathematical Sciences-2020
organized by
Association of Nepalese Mathematicians in America (ANMA)
May 22 - 24, 2020

Venue: Coastal Carolina University, South Carolina
Local Contact: Dr. Rajendra Dahal, rdahal@coastal.edu
Dr. Debendra Banjade, dpbanjade@coastal.edu

Why this workshop?
- Identify and get involved in new collaborative research projects and/or continue existing projects in collaboration
- Build network with senior/contemporary researchers
- Learn about undergraduate mathematics research

Potential Areas for Collaboration: Applied Differential Equations, Nonlinear Analysis, Mathematical Biology, Abstract Analysis, Applied Statistics, Mathematics Education, Undergraduate Research, and many more!

Graduate students are strongly encouraged to participate. Registration is free for graduate students who participate in the workshop and join a group for collaborative research projects.

Please visit http://anmaweb.org/workshop-2020, or email at info@anmaweb.org for more information.

As a result of these collaborative workshops, most of ANMA members have some other ANMA member as their collaborator today. This collaboration has not only expanded the horizon of research possibilities in the Nepalese mathematics community, but also increased the spirit of co-operation and fellowship among ANMA members. It has also made ANMA easy to communicate with their members, at the same time the members are being benefited in their professional and personal life other than research.

ANMA BRINGS GLOBAL TRENDS TO NEPAL: CIMPA SUMMER SCHOOL 2019

To enrich collaboration between Nepalese and international researchers, especially those early in their careers, while providing an opportunity for mathematicians and biologists in Nepal and neighboring countries to develop mathematical skills that can be applied to address real-life biological issues, ANMA organized CIMPA Summer School in Mathematical Biology in Kathmandu, Nepal on June 17-26, 2019. The summer school aimed to introduce students, junior faculty members, and young researchers to the theory and application of Mathematical Biology. A total of 30 students from Nepal, USA, India, Pakistan, Indonesia, Philippines, and Iran participated in the Summer school which made it a global event. Because of the hard work put by the then ANMA president Naveen Vaidya and his team, ANMA got a grant from CIMPA. Furthermore, ANMA also received financial support from the Society for Mathematical Biology, ICTP Italy, and CDC Germany. With these grants available, several participants were rewarded with full financial support for travel expenses. As a matter of pride, there was remarkable participation of women participants who made a very good impact upon the instructors by their performance throughout the summer school.

The participants of the summer school were provided instructions as well as mentorship by a total of 13 world-renowned researchers in mathematical biology with a long track record of teaching and research. The courses designed were focused on foundational topics in Mathematical Biology including discrete and continuous population modeling, infectious disease modeling, genetics and evolution, biochemical reactions, and ion transport. In addition to these lectures, computer labs, and seminars, participants developed a novel research collaborations in group projects aimed at biological modeling. The success of the summer school can be measured by the fact that some of the results of the collaborative research projects were presented during the poster sessions of AMNS-2019, a few of them even winning awards for excellent posters.

This program received very strong support from the Central Department of Mathematics, Tribhuvan University, particularly from the then Head of the department Prof. Kedar Nath Uprety. As per the expectations of ANMA, all the participants gave highly positive feedback on the summer school. Several of them are continuing their work, some of which have already been resulted in peer-reviewed publications. The participants from Nepal were the highly benefited group among the participants as there are no such advanced level courses in mathematical biology offered in the undergraduate and graduate-level curriculum of Tribhuvan University. ANMA is highly encouraged and planning to launch similar kinds of programs in the future to benefit the research of the graduate students of Nepal. The then ANMA president Naveen Vaidya, who was the man behind the huge success of this highly applauded program is currently co-supervising several Ph.D. students in Nepal, facilitating research funds that are very unlikely for the students of Nepal in general. The contribution of Subas Acharya, Dhruba Adhikari, and Netra Khanal along with Naveen Vaidya in CIMPA summer school 2019 is a perfect example of qualified, dynamic, and strong ANMA leadership.

ANMA Brings World of Mathematics to Home: AMNS-2019.

Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019)
June 27-30, 2019
Pokhara, Nepal
http://anmaweb.org/AMNS-2019

Plenary Speakers

Association of Nepalese Mathematicians in America (ANMA), Nepal Mathematical Society (NMS), Central Department of Mathematics at Tribhuvan University and Mathematics Group (Department of Natural Sciences) at Kathmandu University jointly organized the Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019), in Pokhara, Nepal, on June 27-30, 2019, in collaboration with South Asian University (SAU). 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 include, but not limited to, differential

PARTICIPANTS OF AMNS-2019

equations, mathematical biology, physical sciences, computational mathematics, statistics and big data, analysis, topology, algebra, mathematics education, optimization, operations research, quantitative finance, biomedical science, biophysics, and public health. The conference aimed to bring together researchers from a variety of disciplines which impact nonlinear analysis and applications in bio- and physical sciences from the southeast Asian countries and around the globe. As its mission, ANMA brought world's top researchers such as Professor Jerry Bona of The University of Illinois at Chicago, USA, Professor Gianni Dal Maso of Scuola Internazionale Superiore di Studi Avanzati (SISSA), Italy, Professor Philip Maini of University of Oxford, UK, Professor Ian McKeague of Columbia University, USA, Professor Chris Rasmussen of San Diego State University, USA, and Professor Gail S. K. Wolkowicz of McMaster University, Canada, as plenary speakers to Nepal.

More than 200 participants from 15 different countries including some distinguished mathematicians, faculty, and graduate students from Nepal, the USA, and around the globe gathered in the beautiful city of Pokhara to share their common love of mathematics as well as to support the great mission of ANMA. At the foothill of beautiful Machapuchhre, the participants presented their work, expanded their academic network, and started their way to new collaborations. Moreover, beyond mathematics, the participants sang, danced, tasted delicious foods, observed the panoramic view of Pokhara and the places around, and enjoyed the cultural programs. At the end of this historic grand meeting, the participants made a promise that they will return to Nepal again and again in the future whenever they will be provided with this kind of opportunity. Moreover, the participants thanked ANMA for providing such a lifetime experience and encouraged ANMA to organize a similar event in the near future. They also committed necessary support from their side for future programs.

ANMA had started the preparation of this conference in 2017 right after the beginning of the tenure of ANMA 2017-2019 executive committee. Under the able leadership of our then President Naveen Vaidya and then Head of the department of mathematics, Tribhuvan University, Kedar Nath Uprety, ANMA formed different organizing committees including Nepalese mathematicians from Nepal and USA. Among other things, the two conveners Dr. Vaidya and Dr. Uprety along with their teams have been instrumental in applying for the funds and communicating with the mathematicians around the globe. Based on the feedback from the participants, the organizing committee along with the local organizing committee were phenomenal in the process of all the necessary arrangements of the conference venue, welcoming guests, and transportation to Pokhara from Kathmandu. To ensure utmost convenience during the stay of the guests, ANMA had selected Hotel Barahi, one of the best hotels in Pokhara, for the conference and the accommodation. The service provided by the hotel was of a different level with a perfect blend of world-class facilities and a sweet taste of traditional Nepali culture.

The conference was inaugurated by the chief guest honorable Chief Minister of Gandaki Province Mr. Prithvi Subba Gurung accompanied by his fellow Minister of Social Development, Naradevi Pun Magar. While addressing the opening ceremony, Mr. Gurung emphasized the importance of scientific research for the sustainable development of the nation and thanked ANMA for bringing one of the grand academic meetings of such high level in the Gandaki province. He also believed that it will also benefit Pokhara, the tourism capital of Nepal to achieve its tourism goals. The ceremony mastered by the convener from ANMA side, Dr. Vaidya, was then continued with a remark from different mathematicians including the convener from Nepalese side Dr. Uprety and Professor of the Washington State University Dr. Elissa Schwartz. It was one of the rare international conferences which promoted not only the importance of the advanced level academic achievements but also the sense of Nepalese culture of hospitality and respect towards traditional and cultural values of one of the most culturally diverse countries in the world.

Glimpses from the opening ceremony: Master of the ceremony Dr. Vaidya (Left), Dr. Uprety with Hon'ble Chief Minister Mr. Gurung (Center), Attendees of the conference observing the ceremony (right).

Academically, the conference was a huge success. A total of 6 plenary talks, 10 special invited talks, 12 invited sessions and 15 contributed sessions were organized where researchers presented their research works. The sessions were divided into seven different categories namely Differential Equations/Nonlinear Analysis, Mathematical Biology, Probability, Statistics, and Big Data, Physical Sciences, Algebra, and Topology, Mathematical Education, and Numerical Analysis, Scientific Computation and Optimization. The invited and the contributed sessions were organized simultaneously at different halls. In addition, there was a panel discussion on the "Academic success forum for discussions to address questions and present solutions to challenges faced on a career path". There was also a poster competition and the top three posters were awarded at the end of the conference. The talks presented during the conference left a highly positive impact on the participants especially aspiring researchers in Nepal and opened several doors of new collaborations for them as per the mission of ANMA.

PROFESSOR GAIL S. K. WOLKOWICZ DELIVERING HER PLENARY TALK

After the conference, ANMA conducted a post-conference survey and received highly positive feedback from the participants. As stated by the Convener from ANMA side, several renowned mathematicians in the U.S.A. and around the globe praised the organization of the conference and expressed their commitments to attend the future conferences in Nepal organized by ANMA. The faculty and students from Nepal expressed their gratitude and thanked ANMA for providing them such a great opportunity to learn recent trends in research, meet such a talented and passionate group of mathematicians, and present their work. ANMA members were also elated with joy as they got the opportunity to go back to their homes and meet their family, friends, and relatives along with their great service for ANMA. ANMA truly believes that ANMS-2019 was the biggest success of all the activities organized by ANMA in all aspects of organizing an event. All ANMA members strongly believe that the successful completion of AMNS-2019 has taken ANMA one step closer towards achieving its goal.

Most recently, the thematic issue entitled "Thematic Issue in Mathematical Biology and Applied Evolutionary Equations" for the AMNS-2019 is published in "Mathematics and Applied Science and Engineering", a peer-reviewed journal. Two of ANMA's former presidents Naveen Vaidya and Dhruba Adhikari served as the editors of the issue. The publication further amplified the success of the conference and will serve as a great resource for the researchers in the coming days.

The issue can be accessed in the following website:

 https://ojs.lib.uwo.ca/index.php/mase/issue/view/1297

The preface for this issue can be accessed in the following website:

 https://ojs.lib.uwo.ca/index.php/mase/article/view/13502/11072

ANMA WILL REPEAT THE HISTORY: AMNS-2022

Third International Conference on
Applications of Mathematics to Nonlinear Sciences
(AMNS-2022)

May 26-29, 2022
Pokhara, Nepal

http://anmaweb.org/AMNS-2022/index.html

Based on the highly positive feedback and the necessity of the continuation of the tradition of bringing global mathematics to Nepal, ANMA has decided to organize "Third International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2022)", in Pokhara, Nepal, on May 26-29, 2022. Nepal Mathematical Society (NMS), Central Department of Mathematics at Tribhuvan University and the Department of Mathematics at Kathmandu University will be the joint organizers with ANMA for this conference and will play a vital role from the home side to assist ANMA in repeating the history. ANMA believes that the conference will expand the spectrum of research, collaboration, and building the academic network including more areas of research. It also aims at bringing the research scholars from a variety of disciplines together which impact nonlinear analysis and applications in bio- and physical sciences from the southeast Asian countries and around the globe.

Current treasurer and one of a long time highly dedicated ANMA member Gokarna Aryal has been given the responsibility for the successful completion of this conference as a convener from the ANMA side. The strong ANMA leadership lead by ANMA president Keshav Pokhrel assisted Gokarna Aryal in the long and steady bilateral communication with the Nepali side which resulted in the appointment of Dr. Shree Ram Khadka as the convener from the home side. The relentless effort of the two conveners has already been successful in forming a 9 member steering committee including ANMA president Keshav Pokhrel, vice president Kedar Nepal and former presidents Dhruba Adhikari, Netra Khanal, and Naveen Vaidya from the ANMA side along with four mathematicians from the home side. The effect of the strong relation of ANMA with its partner organization has reduced all kinds of possible conflicts of interests. All necessary committees including the scientific committee and the program-organizing committee are already formed as well as the committee finalized the date and venue of the conference. The committee is also successful in launching the website of the conference where the necessary pieces of information can be easily accessed.

As a result of the good rapport and a strong impact of the conveners and other ANMA members in the global mathematics research community, renowned mathematicians Prof. Irene Fonseca of Carnegie Mellon University, USA. Prof. Denise E. Kirschner of University of Michigan, USA, Prof. Bhramar Mukherjee of University of Michigan, USA, Prof. Alan H. Schoenfeld of University of California at Berkeley, USA, Prof. Frank Werner of Otto von Guericke University Magdeburg, Germany and Prof. Zhou-Ping Xin, Chinese University of Hong Kong, Hong Kong will lead the mission of ANMA to bring global mathematics to home by serving as a plenary speaker. ANMA strongly believes that this conference will be another milestone in the history of mathematics in Nepal as it will help to grow the belief within every Nepali mathematician that even Nepali mathematicians can reach the height of excellence in research. It will take ANMA one more step closer to achieve its mission to make the Nepalese mathematics community an integral part of international mathematics community.

ANMA PLEADS TO ITS FAMILY: A MESSAGE BY CONVENER OF AMNS-2022

To fuel the fire of a deep desire within our members of making AMNS-2022 a grand success, **ANMA wants to echo the voice of our leader for the conference, the convener Prof. Gokarna Aryal.**

Dear Friends,

I am pleased and honored to greet you on behalf of the organizing team of the Third International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2022) to be held in Pokhara, Nepal, on May 26-29, 2022. The conference AMNS-2022 will be organized jointly by the Association of Nepalese Mathematicians in America (ANMA), Nepal Mathematical Society (NMS), the Central Department of Mathematics at Tribhuvan University, and the Department of Mathematics at Kathmandu University in collaboration with other professional organizations working for the development of mathematical sciences in Nepal.

The goal of organizing AMNS conference series is to initiate research in mathematical sciences, exploring avenues of collaborations between Nepali scientists with professionals and academicians around the globe. The past two conferences, AMNS-2016 (http://anmaweb.org/AMNS-2016/) and AMNS-2019 (http://anmaweb.org/AMNS-2019/) were a huge success attracting over 200 participants in each conference from more than 15 different countries. All participants benefited from the caliber of the summer workshops, outstanding plenary speakers, and networking opportunities provided by the previous series. I would like to congratulate the conference conveners and the organizers for your tireless efforts to organize these successful conferences. I also would like to thank all the participants for your active participation during the conference events. By organizing the AMNS conference series we have instituted ANMA as an organization playing significant part in the international mathematical science community.

Following the tradition of the past conferences, we hope that AMNS-2022 scientific programs will foster discussions to inspire participants from a wide array of mathematical sciences to initiate collaborations within and across disciplines for the advancement of mathematical sciences. We are constantly updating the information related to the conference on its website http://anmaweb.org/AMNS-2022/. We are very pleased to receive favorable responses from six plenary speakers and many other internationally renowned speakers with their interest in participating in the conference.

We are looking forward to working with you all, ANMA members and well-wishers of ANMA, to organize another world-class conference and maximize the number of participants from Nepal and abroad. Please kindly start sharing the conference AMNS-2022 news with your colleagues, collaborators, and other potential scholars in and outside of your network. We will make every possible effort to make sure that your participation will be a scientifically rewarding and pleasing experience.

I would like to express my gratitude to Dr. Shree Ram Khadka for joining me as a conference convener. I also would like to thank many of you who are serving as a member of the steering committee and/or the program organizing committee of the conference. Let us work together to make the conference AMNS-2022 as a grand success.

Looking forward to welcoming you all in Pokhara during the conference!!

Warmest Regards,

Gokarna R. Aryal

AMNS-2022 Convener (ANMA)

ANMA CELEBRATES ITS MEMBER'S ACHIEVEMENTS: CHEERS!!!

a) ANMA Members Successful to Obtain Grants from Different Agencies

1. PI: Naveen K. Vaidya, Associate Professor, San Diego State University

1. National Science Foundation of USA (DMS-Mathematical Biology), 2020-2023,

Title: Mathematical Modeling of Antiretroviral Therapy in Pursuit of HIV Prevention and Cure.

2. National Science Foundation of USA (DEB-Population and Community Ecology), Co-PI, 2020-2021.

Title: RAPID: Environmental Reservoirs of SARS-CoV-2. (This project was featured in LA Times, San Deigo Metro Magazine, San Diego Union Tribune, and SDSU News Center).

3. Simons Foundation (Mathematics and Physical Sciences - Collaboration Grants for Mathematics), 2020-2025.

Title: Prevention and Control of Infectious Diseases: Mathematical Modeling Perspective. (This grant was returned to the Simons Foundation as per the Simons Foundation rule because the PI (awardee) holds other external grants).

4. IMU/CDC (International Mathematical Union / Commission for Developing Countries) (Graduate Research Assistantships in Developing countries (GRAID) program), The international Co-PI, 2020-2024. Title: Mathematical Biology Research Group in Tribhuvan University of Nepal. (This program has provided 4-year full support to a PhD student in Tribhuvan University of Nepal).

2. Co-Investigator: Keshav P. Pokhrel, Assistant Professor, University of Michigan-Dearborn

1. NIH Grant (2019), 1R15GM134389-01

Title: Elucidating the mechanisms within and among enzymes that coordinate and regulate phospholipid acyl chain composition. (PI: Oelkers, P.)

3. Co-PI: Bhikhari Tharu, Assistant Professor, Spelman College

1. NSF grant Award number : HBCU-EiR -1901426, Amount : $499,489

Title: "HBCU-Excellence in Research: Improved Understanding of the Changing Seasonality and Magnitude of Precipitation Extremes in the Eastern United States" (PI : Nirajan Dhakal)

4. Co-PI: Bir Kafle, Associate Professor of Mathematics, Purdue University Northwest

1. Funding Agency - Indiana Department of Education, Amount: $65,429,

Title: Developing Teacher Leaders for CARE (2020)

2. Funding Agency - National Science Foundation (NSF), Amount: $300,000

Title: Thinking with Algebra (2020-2023)

5. Co-PI: Ganga Acharya, Associate Professor, Central New Mexico Community College

Title: Developing Meaningful Mathematics for Student Success Through a Collaboration Between Community College and High School, (PI: Gilbert, B.).

b) ANMA Members who are Promoted to Professor.

1. Rejendra Dahal: Coastal Carolina University, SC
2. Gokarna Aryal: Purdue University Northwest, IN
3. Hem Raj Joshi: Xavier University, OH
4. Kailash Ghimire, Georgia Southwestern State University, GA

c) ANMA Members who are Granted Tenure and/or Promoted to Associate Professor

1. Naveen K. Vaidya: San Diego State University, CA
2. Debendra Banjade: Coastal Carolina University, SC
3. Ram C. Kafle: Sam Houston State University, TX
4. Kedar Nepal: Mercer University, GA
5. Khyam Paneru: University of Tampa, FL
6. Mohan Thapa: University of Wisconsin-Milwaukee, WI
7. Bir Kafle, Purdue University Northwest, IN
8. Ganga Acharya, Central New Mexico Community College, NM

d) ANMA Members who Started a New Position as a Tenure Track Assistant Professor

1. Sher Chhetri, University of South Carolina Sumter, SC
2. Kiran Kumar Mainali, University of the Incarnate Word, TX
3. Ram Chandra Rimal, Middle Tennessee State University, TN
4. Deepak Basyal, Coastal Carolina University SC
5. Sunil Giri, Southwestern Oklahoma State University, OK
6. Manoj Lamichhane, Florida Polytechnic University, FL
7. Krishna Pokhrel, University of North Georgia, GA
8. Laxmi Chataut, Harford Community College, MD

e) ANMA Members who Received Prestigious Awards

1. Mitra Devkota, University of North Georgia
   Athletics-Outstanding Professor Award in 2019
2. Deepak Basyal, University of Wisconsin-Milwaukee
   UWM Faculty Distinguished Undergraduate Teaching Award, Fall 2019
3. Sundar Tamang, University of Alabama at Birmingham
   'Outstanding Doctoral Student' for academic year 2019/2020

NEPAL AMONG THE WORLD: NEPALI MATHEMATICIANS IN JMM 2019

Talk by Nepali Mathematicians in Joint Mathematics Meeting 2019, Baltimore, MD

Name	Title of the Talk
Date: January 16, Wednesday	
Khadka, Bal K.	Random walks vs Spoke Hub distribution models on a Lattice Basis Reduction under a projective special linear group PSL2(q)PSL2(q).
Basyal, Deepak	Napier, Todhunter and Nayaraj Pant: A discussion on `The Rules of Circular Parts'.
Subedi, Subhash	Blow-up Results for One Dimensional Caputo Fractional Reaction Diffusion Equation.
Joshi, Janak	Infinitely many solutions for a semilinear problem on exterior domains with nonlinear boundary condition.
Chhetri, Pradeep Godar	Existence of the Solution in the Large for the Caputo Fractional Reaction Diffusion Equation by Picard's method.
Kunwar, Ishwari	Sparse Domination of Multilinear Dyadic Operators.
Date: January 18, Friday	
Regmi, Samundra	Majorizing Sequences for Iterative Methods with Applications.
Chhetri, Sher B	Parameter Estimation for Jump Diffusion Model Driven by $\alpha$$\alpha$-stable L´ee´vy Motion.
Pokhrel, Nawaraj	A Predictive Analytical Model for Stomach Cancer Data.
Joshi, Hem Raj	Application of SIR Model and Optimal Control.
Tharu, Bhikhari	Spatiotemporal trend of extreme monthly precipitation of the USA.
Khanal, Netra	Cybersecurity: A New Predictive Analytical Model for Software Vulnerability Discovery Process.
Vaidya, Naveen	Role of the immune status of infected individuals on the transmission dynamics of HIV: From within-host to between-hosts models.
Adhikari, Dhruba	Topological Degrees for Quasibounded Multivalued $(\widetilde{S_+})$- Perturbations of Maximal Monotone Operators.
Nepal, Kedar	Are They Doing the Homework or Only Finding the Answers?
Subedi, Rishi Raj	Five-dimensional Lie-Einstein metrics.
Neupane, Upama	Pricing European and American Options Using Numerical Methods.
Adhikari, Dhanapati	On the global well-posedness of the 2D Boussinesq equations with partial dissipation.
Regmi, Dipendra	New Day/Time/Session: The 2D magneto-micropolar equations with partial dissipation.
Date: January 19, Saturday	
Kutal, Durga	Non-Mixture Cure Model for right censored data with modified Gompertz Distribution.
Neupane, Ram	Modeling Pinyon-Juniper Dispersal in Real Landscapes.
Acharya, Gangadhar	Students Participatory Approach in a College Algebra Class.
Adhikari, Ram Sharan	A weak rectangular method for a class of stochastic differential equations and mean square stability analysis.
Pokhrel, Krishna	An Isospectral Flow on Banded Matrices.

NEPAL AMONG THE WORLD: NEPALI MATHEMATICIANS IN JMM 2020

Talk by Nepali Mathematicians in Joint Mathematics Meeting 2020, Denver, CO

Name	Title of the Talk
Date: January 15, Wednesday	
Puri, Rajan	On critical value of the coupling constant in exterior elliptic problems
Sedai, Bishnu P.	Trace Formulas for Perturbations of Operators with Hilbert-Schmidt Resolvents.
Subedi, Subhash	Quenching in Two-Dimensional Time Fractional Reaction-Diffusion Equation.
Neupane, Ram C.	A Standard Architecture for a Real-Time Monitoring System Based on the Internet of Things.
Date: January 16, Thursday	
Rimal, Ramchandra	Estimation in the Sparse Popularity Adjusted Stochastic Block Model.
Bhandari, Hum Nath	Developing Hybrid PSO Algorithm Models Using the Cyclic Coordinate Descent (CCD) Local Optimizer.
Budhathoki, Parshuram	Efficiency of Quantum Circuits for Multiplication Operation using different algorithms.
Karki, Manoj B.	Four-dimensional Einstein Lie groups.
Acharya, Ganga	An Approach to Improve Students' Participation and Performance in Introductory Math Classes. Preliminary report.
Date: January 17, Friday	
Acharya, Subas	Real Options with the General Investment Cost.
Giri, Sunil	Backward Bifurcation in vector-borne model with direct transmission.
Basyal, Deepak	Students' Non-attendance to the Mathematical Meanings of the Symbols and their Common Errors in Calculus Courses. Preliminary report.
Ranabhat, Min	Recent updates on Poincar´e and Sobolev inequalities in the Monge-Amp`ere quasi-metric structure.
Subedi, Rishi Raj	Six-dimensional Lie-Einstein spaces with diagonal metric form. Preliminary report.
Date: January 18, Saturday	
Joshi, Janak R.	Infinitely many solutions of semilinear equations on the exterior domains.
Mainali, Kiran K.	Optimizing $\ell 1 \ell 1$ Loss Regularizer for Sylvester Type LASSO Problem and Its Application to EEG Inverse Problem.
Vaidya, Naveen K.	Modeling Zika Virus Transmission Dynamics: Parameter Estimates, Disease Characteristics, and Prevention.
Chhetri, Maya	Existence of positive solutions for a class of superlinear fractional Laplacian problems.
Khanal, Netra P.	Differential Equation Model for Carbon Dioxide Emission and the Impact of Major Contributors. Preliminary report.
Pokhrel, Nawa Raj	A Stochastic Predictive Model to Determine the Network Vulnerability Risk.

ANMA ON ITS COMMUNITY: ANMA ACTIVITIES AND NEWS FROM NEPAL

ANMA on its Social Duty: Thokarpa Secondary School

Back in 2015, ANMA decided to handover the collected amount of $9,157 to Help Nepal Network (HNN) for long-term school construction project after the devastating earthquake in Nepal. The sum has been used to assist rebuilding the Thokarpa Secondary school in Dolakha, a hard hit and a remote region. We are extremely happy to share that the building construction is now complete, and it will now provide better classrooms to hundreds of students from poor economic background. Though the donated sum was not large, ANMA believes that we certainly deserve pride in helping our motherland, especially at the most difficult time after the earthquake. We expect this effort will help to heal the wounds of earthquake. We would also like to repeat our commitment towards our motherland at any moment of necessity.

Heartfelt Condolence

Prof. Dr. Ram Man Shrestha

We are deeply saddened by the untimely demise of

Prof. Dr. Ram Man Shrestha

A prominent figure in Nepalese Mathematics Community with a long teaching career in Amrit Science College and Tribhuvan University, Kathmandu, Nepal, he has made a great contribution for the upliftment of mathematics in Nepal.

We enhance our heartfelt condolence to his bereaved family.

May the Deceased Soul be at the eternal Peace with the heavenly god.

ANMA Family

ANMA on the future of mathematics in Nepal: NMS-ANMA scholarship

ANMA congratulates following recipients of NMS-ANMA Scholarship Recipients who scored the highest in their corresponding entrance exam of M.A./ M.Sc.

Year 2019	Year 2020
1) Sunil Dawadi	1) Shrijana Bhatta
2) Ramuna Pandey	2) Avash Raj Pandey

ANMA Collaborates with its Partners: ICAA-Nepal 2021

ANMA is collaborating with Nepal Mathematical Society (NMS), Central Department of Mathematics, Tribhuvan University (TU) ; Department of Mathematics, School of Science, Kathmandu University (KU), South Asian University (SAU) New Delhi India; Department of Mathematics Valmeeki Campus, Nepal Sanskrit University (NSU) in organizing INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS 2021(ICAA_Nepal-2021) which is going to be organized in April 9-11, 2021 (Online via zoom) at Kathmandu University, Dhulikhel, Nepal. Former ANMA president Dhruba Adhikari is serving as a member of the scientific committee whereas ANMA members Ghanshyam Bhatta and Debendra Banjade are serving as a member of the organizing committee. The primary objective of the conference is to offer mathematicians, researchers, and students around the globe in one platform to interact with each other, to share their knowledge and experiences as well as to exchange their innovative ideas, views and discuss the topics of mutual interests in this challenging and widely applied area of mathematical analysis and its applications.

ANMA Connecting the Community: Activities of ANMA Members in Nepal

Following ANMA members brought their experiences back to the country during their visit to Nepal.

Dr. Narayan Thapa, Cameron University:

RESEARCH EXPERIENCE FOR UNDERGRADUATES IN NEPAL, May 7, 2019, A workshop for administrators, faculty, and students from predominantly private and public undergraduate institutions (Jointly with Central Department of Mathematics, Tribhuvan University),

Dr. Ghanshyam Bhatt, Tenessee State University

Key speaker of A Scientific Talk Program in Sudurpaschim, Nepal conducted on 21 June 2019. A total of 20 different campus teachers from different campuses participated in the program.

Dr. Dhruba Adhikari, Kennesaw State University

1. Invited Talk on Undergraduate Mathematical Analysis: Some Motivation and a Look Forward at Capacity Building Workshop on Refresher Courses in Mathematics (CBWRCM-2020), organized by Nepal Mathematical Society, August 16, 2020.

2. Keynote Talk (Zoom) on Scholarly Writing and Publishing Articles in Mathematics, organized by Nepal Mathematical Society, Pradesh #1, October 16, 2020.

Congratulations!

ANMA would like to congratulate. **Prof. Dr. Tanka Nath Dhamala**, for being appointed as the

Head of the Department, Central Department of Mathematics, Tribhuvan University

We strongly believe that under his strong leadership, the department will serve more effectively on the development of teaching and research of Mathematics in Nepal. We wish that our relation will reach into a new height during his tenure with the continuous support and collaboration as always. ANMA expresses its wish to work collaboratively with CDM, TU in the areas that foster the development of mathematics in Nepal.

ANMA Family

ANMA FAMILY: NEPALI MATHEMATICIANS/ STATISTICIANS IN AMERICA

ANMA Advisory Board (2019-2021)			
Hem Raj Joshi	Netra Khanal President, 2013-2015	Dhruba Adhikari President, 2015-2017	Naveen Vaidya President, 2017-2019
ANMA Executive Committee (2019-2021)			
Keshav Pokhrel	President	Subas Acharya	Member
		Ashok Aryal	Member
Ram C. Kafle	Vice President	Humnath Bhandari	Member
Kedar Nepal	Vice President	Sundar Tamang	Member
Subhash Subedi	General Secretary	Manoj Thapa	Member
Gokarna Aryal	Treasurer	Bhikhari Tharu	Member

ANMA Life Members			
Bibek Acharya	Sher Chhetri	Vijaya Kunwar	Dipendra Regmi
Gangadhar Acharya	Keshav Dahal	Ishwari Kunwar	Binod Rimal
Subas Acharya	Koshal Dahal	Anup Lamichhane	Ram Chandra Rimal
Keshav Acharya	Rajendra Dahal	Manoj Lamichhane	Basanti Sharma Paudel
Pitambar Acharya	Mitra Devkota	Rajan Lamichhane	Khim R. Shrestha
Dhruba Adhikari	Shiva Gautam	Kiran Mainali	Sharad D. Silwal
Hari Adhikari	Kailash Ghimire	Kedar Nepal	Hari Sitaula
Kamal Mani Adhikari	Srijana Ghimire	Ram Neupane	Krishna Subedi
Gokarna Aryal	Sunil Giri	Govinda Pageni	Kusum Subedi
Pradip Aryal	Hemraj Joshi	Uddhaba Pandey	Rishi Subedi
Ashok Aryal	Janak Joshi	Khyam Paneru	Subhash Subedi
Debendra Banjade	Bir Kafle	Sujan Panta	Narayan Thapa
Deepak Basyal	Ram C Kafle	Buddhi Raj Panta	Mohan Thapa
Mukta Bahadur Bhandari	Krishna Kaphle	Lokendra Paudel	Manoj Thapa
Ghanashyam Bhatt	Ramesh Karki	Laxmi Paudel	Krishna Thapa Magar
Dilli Bhatt	Manoj Karki	Krishna Pokhrel	Surya Thapa Magar
Bikram Bhusal	Basant Karna	Keshav Pokhrel	Bhikari Tharu
Raju Bhusal	Dinesh Kasti	Nawa Raj Pokhrel	Archana Timsina
Milan Bimali	Balkumar Khadka	Bhupendra Poudel	Jiblal Upadhya
Parshuram Budathoki	Harihar Khanal	Chudamani Poudyal	Tulsi Upadhyaya
Laxmi Kanta Chataut	Netra Khanal	Saroj Pradhan	Naveen K. Vaidya
Maya Chhetri	Hari Koilrala	Rajan Puri	
Pradeep Chhetri	Sita Koirala	Nar Singh Rawal	
ANMA Members (2019-2021)			
Sugam Bhattarai	Krishna Gahatraj	Bishal Panthee	Madhav Sigdel
Abhinab Chand	Shahid Mohammad	Prem Prasain	Sundar Tamang
Dipak Dulal	Sangam Pageni	Min Ranabhat	Khursed Ansari