

EXPERIENCE:

BS: 2013, **MS:** 2016,2019, **PhD:** 2019-Current

TEACHING EXPERIENCE: Middle School: 2012-2013(**SSS**),2015-2016 (**AAA**)

TA/RA: 2017-Current (**UTEP**)

TEACHING STYLE:

As a teacher, I mainly focus on 3 things:

- [Curriculum](#) (Involves: evaluation, grading, commenting students)
- [Up to date Syllabus](#) (need to know what's happening in real world)
- [Practical Implications](#) (involving student in research projects)

CLASS METHOD:

- Warmup (quizzes),
- Interactive lectures, and,
- Discussion

AWARDS:

- Outstanding Graduate Student and Research Excellence Award
- Outstanding Achievement: Better Rated by Students

TECHNICAL SKILLS:

- Specialized in Python, R, MATLAB, MS Office, Excel, PowerPoint, Photoshop
- Knowledge of C, working experience of using online tools like "*Blackboard, Webwork and Canvas.*"

VP NSA UTEP: 2019-2021

CS COURSES:

- Data Mining, Mathematical Modelling, Introduction to CS,
- Computer Programming, Theory of Computation
- Working on machine learning potential

How would you implement your CS-deegree in your job?

Research Interest:

- Developing Machine Learning algorithm.. we know it becomes standardized in many applications area nowadays.
- Scientific /Quantum Computing and High-Performance Computing.
- Data processing and analysis.

Short/Long-term Goals:

I believe that “Not only the students but If I, myself don’t do my job well then students don’t get their results.” And ~~my-goal~~ I always wish to establish myself as an expert in my chosen career. So, I will try to focus on following 3 things:

- **Quality Assurance.**
- **Develop up-to-date CS course curriculum.**
- **Provide excellent instructions and mentorship to the students.**

How Do You Manage Difficulties and Deadlines?

In my view, dealing with difficulties and deadlines is the most challenging part of the job. So, to deal with these, I have the following strategies:

- **Creating Plan (stay organized)**
- **Remain flexible & open-to-alternate solution to resolve them.**
- **Prioritize the tasks according to their importance.**

Why you?

I was looking for a job which good fits my qualifications and experience and most important is obviously --- **satisfaction**. I always want a job where I can enjoy working and feel comfortable. Then I found this opening and I go over all the requirements and I feel that It’s the place where can fit and can give my bests 😊

How did you adapt yourself during pandemic?

- **Learn how to adjust my work schedule** to accommodate new remote environment,
- **Keeping in daily communication** with my advisors and colleagues for tracking daily progress in my work and courses, &
- **Using online collaboration tools** to work on projects.

Introduce Yourself:

STRENGTH: *Pessimistic and determined.*

QUALITIES: *Curious & fast learner, good communicator, up-to date with new trend*

Good afternoon, everyone. First of all, I would like to thank the search committee for giving me the opportunity to be interviewed for this position today.

I am BIMAL KC, currently a Computational Science PhD candidate at University of Texas at El Paso. ~~I did my double master's in physics from Kathmandu, Nepal in 2016 and from UTEP in 2019.~~ I have always been interested in teaching and research.

As a teacher and researcher, I have good experience in teaching and coding. I have a lot of experience working with diverse students and also experience working with collaborators during my summer research. So, I am always comfortable working both independently and collaboratively, also after pandemic, I started working from home, so feel comfortable working remote too.

Professionally, I have received outstanding graduate student and research excellence award and the outstanding achievement: better rated by student awards during my teaching and research career.

Diversity, equity, and inclusion

I believe that ; these 3 are very important topics to me.

In my view, **diversity** represents wide range of backgrounds, experiences and **perspectives** ~~than our own, thus we get opportunity to learn more.~~

And Inclusion is sense of belonging in any environment ~~so I think its more comfortable sharing our ideas and perspectives in such environment.~~

And Finally, **equity** is important for making sure that everyone has access to the **same opportunities.**

So, Together DEI make environment more exciting, fair, and friendly for everyone involved. Thank you.

Most Challenging Aspect of Working in a Diverse Environment?

oh yeah, The most challenging part i think is **understanding and appreciating** all the different viewpoints and backgrounds. It can sometimes be hard to navigate that every one is heard and respected but it's also what makes any institution so special—learning from each other's unique

"who is responsible for lower grades in undergraduate students at any university and how would you contribute improving their grades ?"

well!!!!!! When it comes to lower grades I think it's a **shared responsibility**.

mmm **Students hold a significant part of the responsibility,.....However, universities and instructors also are part of it too**. I believe if we can create more learning environment like by implementing different teaching methods, providing sufficient extra works for extra credit, and providing personalized guidance etc. Moreover, being a research student, I believe that perfect mentorship can significantly contribute to improving their grades.

How do you ensure that all students in the classroom are engaged and learning?

I always make sure to provide a safe and **inclusive environment** where everyone feels comfortable participating, expressing their opinions, beliefs, and perspectives without fear of judgement or criticism.

I like to incorporate active learning strategies such as **initiating group work, discussions, and hands-on activities**, so that each student can learn

How would you handle a student who was not meeting expectations or falling behind in their studies?

I always keep an eye on how students are doing by **tracking their performance in class, assignment and exams**. In such cases I might **give extra time or set up extra lessons** to help them catch up. So eventually my goal is to make sure every student has what they need to do their best in class.

How do you stay up-to-date on new developments in your field of study?

Being PhD research associate, I **never miss any opportunity to attend conferences, workshops, seminars, read journals and publications**. I also make sure to network with colleagues in my field to stay informed about the latest trends and developments. I also love updating with modern technologies. so I think these are the key factors.

What methods do you use to assess student performance?

Exams, quizzes, projects, presentations, and class participation. After each assessment, I review the results and use the data to provide feedback to students and adjust my teaching strategies.

What challenges have you faced while teaching, and how did you address them?

I think **hesitation and lack of engagement** are the 2 factors.

As hesitation can hold students back. They might feel shy or unsure about speaking up. So, I encourage: small group discussions or anonymous feedback tools, just making sure students know their input matters can make a big difference in boosting engagement.

How do you foster collaboration between students in the classroom?

I believe that collaboration between students is essential for learning. So I encourage group projects, class discussions, sharing thoughts . I also encourage students to listen and respect to each other.

How do you evaluate the effectiveness of your teaching methods?

Assessing student performance and also look at the student feedback so that I can adjust my teaching style and make every one are still in good form.

What makes you different from the other candidates?

you can call me an **all-rounder**. I could contribute to departmental life in many ways, I know that I have the good **experience of working with diverse student**. I also think I am unique in that I have direct experience of

What motivates you to do your best?

I love:

- Working as a group, Being part of, or leading, a team
- Learning new things
- Being innovative or creative
- Having challenging goals and deadlines

What is good teaching?

- Engagement and Interaction
- Feedback and Support

- Passion and Commitment
- Respect & Encouragement

Faculty workload splitting?

Division among:

teaching, research, service, and administrative responsibilities.

What students do you find most challenging to teach?

The Student who:

- Only Focus how to finish the course
- Only Cares About the Grade
- Cheats

Questions to the Search Committee:

- **What specific contributions do you expect for upcoming faculty like me to the department in the next few years?**
- **How has the department adapted its curriculum to accommodate the changing teaching environment due to Covid-19?**
- **How will my teaching and research be evaluated?**
- **Are there any opportunities to mentor or advise students?**

Touch your cross-shoulder and say “Thank you so much for allowing this opportunity to interact with you today. I look forward to hearing from you.”