

MOHIT CHAND

Kathmandu, Nepal • 9813898075 • Themohitchand@gmail.com

<https://raja658.github.io/Mohit.github.io/>

SUMMARY

Biomedical Engineer with hands-on experience in medical device design, data analysis, and interdisciplinary research. Skilled in applying engineering principles to healthcare solutions, passionate about pursuing graduate studies to advance expertise in biomedical technologies and drive forward-thinking healthcare innovations.

EXPERIENCE

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| Attended workshop on Satnogs Based Ground Station Workshop; Orion Space | 22-23 Feb 2019 |
| Virtually Attended Webinar on "latest trends in nanotechnology" | 10 September 2020 |
| Virtually Attended Webinar on "National Education Policy" | 13 September 2020 |
| Initiator, Advisor; Biomedical Robotics & Innovation Club (BMRIC) | 2020-2022 |
| <ul style="list-style-type: none">• BMRIC is an organization where creative students meet share and mingle with their innovative ideas. Students research and develop various useful gadgets, they also apply the team management skills, project management skills, etc. which makes them a complete professional being.• It is funded by the CBEAS. | |
| Initiator; Biomed Talks | 2022-present |
| <ul style="list-style-type: none">• Biomed talks is talk show where eminent speakers from various healthcare backgrounds are invited to talk and share their views on the the topic of their specialty.• Currently, paused due to some personal reasons. | |
| Initiator, Alliance for Strategic Action to Pandemics (ASAP), CBEAS | Aug 2020-Dec 2020 |
| <ul style="list-style-type: none">• ASAP used to discuss emerging pandemics and try to find out the possible solutions to mitigate the impact of pandemics (if occurred).• ASAP was shutdown due to lack of funding problem and lack of fellows who can devote time for the activities | |
| Volunteered in Red cross blood donation program, CBEAS | March 2022 |
| Attended Training on "Handling of Biomedical Equipment's", Grande International Hospital | 1 Aug-5 Aug 2023 |
| <ul style="list-style-type: none">• Grande International hospital organized a workshop training for biomedical engineering students with co-operation of international and national agencies to strengthen the knowledge about biomedical equipments and products. | |
| Volunteered for medical device inventory management in local health post for few hours with a friend, who had a contract | Jan 2024 |
| Internship in MolecularBiology, Intrepid Nepal Pvt Ltd | 1 Aug-23 Aug 2024 |
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EDUCATION

Bachelor of Engineering, Biomedical Engineering

Sep 2018 - Nov 2022

Purbanchal University, College of Biomedical engineering and Applied Sciences (CBEAS)

- Focused in structural Biomaterials, Neural Networks, and Theory of medical robotics
- Thesis on "IoT based patient monitoring system".
- GPA: 3.0 (out of 4.0)

PAPERS

- A review article "Neuroengineering: A Novice Perspective" (work in progress)

ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, MATLAB, C, HTML, Python, Runlinc, Web development (beginner's level), SQL database (basic's), Arduino, Raspberry pi, Problem solving
- **Languages:** English, Nepali, Hindi (understandable), Dotali
- **Certifications:** General Engineer License of Nepal
- **Awards/Activities:** Received the "Principle Excellence" Award in 10th standard 2016, Won first prize in tug of war game in 2022 (Whole Team), Runner up prize in cricket while captain in 2022 (Whole Team).

WEBSITES

- <https://mineworld2370696.wordpress.com/> (Wordpress).
 - <https://sites.google.com/view/bmric/home> (BMRIC).
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