



Recommendation for Cheema, Harinderpal Singh
Family Name Given Name(s)

applying to Civil Engineering - M.Eng.
Graduate Program - degree level

I was the applicant's Mentor for 1 years

Using the following scale, I would rank the applicant relative to other students within their peer group as follows:

Table with 7 columns: Exceptional (top 5%), Excellent (top 15%), Above Average (top 25%), Average (top 50%), Marginal (lower 50%), No basis for evaluation. Rows include Academic performance, Leadership/Teaching ability, Cooperative/interpersonal skills, Independent research skills, Written expression (English), Spoken expression (English), Originality, Determination, Judgment, Organizational skills, Overall evaluation.

Other comments
Additional Info Attached

Applicants to the M.Arch. program:

Table with 7 columns: Exceptional (top 5%), Excellent (top 15%), Above Average (top 25%), Average (top 50%), Marginal (lower 50%), No basis for evaluation. Rows include Expression of ideas (visually), Design Potential.

Applicants to the M.Mus. program:

Table with 7 columns: Exceptional (top 5%), Excellent (top 15%), Above Average (top 25%), Average (top 50%), Marginal (lower 50%), No basis for evaluation. Row includes Promise for a career in music.

How does the applicant compare musically with other students with whom you have worked, who have applied for, and/or undertaken graduate studies?

Applicants to the M.S.W. program:

Reference Type

Will you please elaborate on your opinion of the applicant's readiness to engage in advanced specialized social work studies?

I have taught approximately 999 graduate students, and served on committees for approximately 200 graduate students.

I have advised approximately 20 Masters level and/or 1 Ph.D. level students.

I would not accept this applicant as a graduate student.

Name Hardeeo Singh Rai Email hsrai@gndec.ac.in

Institution Guru Nanak Dev Engineering Cillege, Ludhiana, Punjab Position Professor, Dean Testing and Consultancy

Date 11-20-2015

upload for comments

It is my immense pleasure to recommend Mr Harinderpal Singh Cheema for Master's program at your distinguished University. I know Harinderpal for about 1.5 years during which he managed to impress me with traits of his personality.

I recall that during my tenure as his teacher of Design of Concrete Structures-II, he proved that he has a technical bent of mind and a very systematic approach that helps him to analyse and solve problems. His qualities like enthusiasm, self-motivation and determination enabled him to get selected for the Testing and Consultancy Cell during one semester entirely devoted to Industrial Training, where he took keen interest and devoted time to learning new aspects of his studies

He worked hard and learned about Interpolation which he used in preparing spreadsheets on concrete structures and make it understood to all who don't know how to interpolate through an impressive presentation. Harinderpal was involved in design a 0.7 MLD Sewage Treatment Plant during his training, which was a real project and was constructed later. He assisted in design and prepared cost estimate. He designed and analysed Concrete Structures using STAAD Pro and his proficiency in using various Open Source Software (which is not so common among Civil Engineering Students) is admirable. He took special interest to learn Differential Global Positioning System (DGPS), and put enormous efforts to produce precise results and maps from the same. He successfully produced results using open-source software RtkLib. Moreover, he is the only one in his batch who went one step ahead and learnt gvSIG software which is used for GIS mapping. He learned layering and editing shape files and is still continuing to learn Massive Open Online Course (MOOC). His voluntary learning attitude not only sets him apart from rest of his batch but also highlight his ability to venture beyond the scope of course syllabi.

Harinderpal is a result oriented, hardworking and strong willed person who has high learning goals in life. I highly recommend that he should be given the opportunity to attend your program.

Prof (Dr). H S Rai
Professor of Civil Engineering
Dean Testing and Consultancy Cell
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