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<https://www.facebook.com/hasindu2008/posts/10206861302003616>

For first years who is doing field selections these days some common myths and rumours about computer Engineering:

**1. Computer Engineering = Programming**

Ans : Out of about 25 core courses only about 3, 4 courses are about programming. From technical electives you can select fully 'programmingless' courses if you like.

**2. Computer Engineering = Software**

Ans : Again out of 25 core courses only about 5,6 courses are about software. The course is made up of software, analog electronics, digital electronics, communication networks and mathematics.

**3. You have made software like for a library system. So I know computer Engineering**

Ans : Making a software or networking 2 computers is not computer engineering. Think about the google home page. creating the html page is not what the engineer do. Instead there are millions of data in the Internet to be indexed to give the search results in milliseconds. That an example what a computer Engineer should do.

**3. Computer Engineering is not real engineering**

Ans : Designing a processor, working with petabytes of data, design an operating system, designing a network protocol stack ... there are enough complicated problems to deal within them that involve lot of mathematics, scientific, empirical and practical knowledge and there might be innovative parts than in any other discipline.

**4. You have to know things beforehand to do computer Engineering or else you are trouble.**

Ans : No one coming here has previously done a computer Engineering course. So no one coming here have beforehand knowledge. Remember that following a computer course and knowing java is not computer Engineering.

**5. There are not many companies that offer jobs to computer Engineers in Sri Lanka**

Ans : Unlike other companies, computer Engineering related companies mostly cater to the International market and hence they do not market their names among general public. Following has a few listed companies that computer Engineers can join.

<https://docs.google.com/spreadsheets/d/1PSS2sT1AGvyAjno19NKMPAk4yrT2P72NI0qn4dlj4NQ/edit>

**6. There are lot of private computer courses and hence doing computer Engineering is useless.**

Ans : Do a course content comparison between any other private course to the following. Specially check the depth of each topic.

<http://www.ce.pdn.ac.lk/?cat=39>

<http://www.ce.pdn.ac.lk/?cat=44>

**7. You would have difficulties in finding jobs if you do computer Engineering.**

Ans : Almost all of the e10 co batch has got job offers even 1 month before passing out.

**8. If you have a good first year GPA doing computer Engineering is worthless and you should do something more 'advanced'**

Ans : Many people who use the computer to only surf Facebook and watch movies think that's only what a computer is built for and hence they know computer engineering. But as I said earlier there are enough advanced stuff in computer Engineering which are 'real' engineering problems.

**9. If you do computer Engineering means looking at the computer screen forever**

Ans : I can guarantee that throughout the course, as well as throughout a computer Engineering job, the time you should stare at the screen is much lesser than the time a person stare at the screen to surf Facebook, watch movies and play games 😊. And whatever Engineering or executive type of job you do, you will have to stare at the computer screen for some time.

**10. You can do some other fields and later turn back to computer Engineering if required. Hence doing another field would give you larger scope.**

Ans : Note that this is applicable other way round also. If you have enough capacity, you may turn whatever field you want. But note that going to Colombo from Kandy can be done by first joining to Jaffna and then from there as well.

Also be careful if you are getting advice from second/third seniors. They have yet completed only 33.33%-66.66% of the course yet. I remember that 3 year before some intermediate seniors forcibly suggested me that you better do X field rather than Computer due to above facts which now I know that are full myths.