**Useful Educational Resources for Students**

**Unlimited YouTube packages:**

Three mobile phone operators provide packages for unlimited YouTube packages as listed below:

1. **Mobitel**

<https://www.mobitel.lk/unlimited-youtube> (Rs. 249 + tax)

SMS Option - Type ACT YT and send to 160

3G customers can browse YouTube throughout the validity period on 360p resolution, at a speed of 1Mbps.

25GB (on 4G Networks Only) – Can be used to watch YouTube in HD.

(YouTube experience will be completely Free but very low Data charges may occur for background apps and for YouTube advertisements which play outside the video (Banners/Pop Ads). Since the YouTube Application itself depends on several other background processes, a positive account balance or an additional data balance is necessary to watch YouTube.)

1. **Dialog**

<https://www.dialog.lk/mobile-broadband-prepaid-packages>

Unlimited plans that allows Dialog customers to enjoy Unlimited YouTube along with an additional data quota for all the other internet usage. In addition to the above, streaming for [ViU App](https://www.dialog.lk/dialogviu%22%20%5Ct%20%22https%3A//www.dialog.lk/_blank) will be free of charge.

YouTube\* Unlimited: Anytime 1.4GB, Night Time Bonus 1.4GB, 4G Bonus 0.7GB, Validity30 Days, Extra Charges : Rs. 0.30 + tax per MB, Rs. 249 Inclusive of Taxes

1. **Huch**

<https://hutch.lk/unlimited-youtube/>

Available for all 078 & 072 subscribers on the Hutch network. only for prepaid users. When connected to the internet from a smartphone or laptop, the device may have background apps running that require data. May have to disable permission for background data usage in settings to avoid additional data charges.

Pack price inclusive of taxes Rs. 147, YouTube Unlimited, Validity 30 Days. USSD \*131#, SMS I147 to 102

1. **SLT**

Special SLT 4G offer for teachers and students. 25 GB extra anytime data per month (valid upto 60 days). Eligible packages: Web Starter and above. Need to call a regional office and get activated by giving the details of the student or the teacher. Kandy number to activate is 0812204204.

**Free software for Engineering Students**

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| --- | --- | --- | --- |
| No | Category | Software | URL |
|  | Engineering Application | OpenStudio | <https://www.openstudio.net/> |
|  |  | ANSYS | <https://www.ansys.com/academic/free-student-products> |
|  |  | Engineering toolbox | <https://www.engineeringtoolbox.com/electrical-systems-t_33.html> |
|  |  | Texas Instruments | <http://www.ti.com/design-resources/design-tools-simulation.html> |
|  |  | FreePCB | <http://www.freepcb.com/> |
|  |  | Free EDA software | [https://sourceforge.net/directory/science-engineering/eda/os:windows/](https://sourceforge.net/directory/science-engineering/eda/os%3Awindows/) |
|  |  | DesignSpark | <https://www.rs-online.com/designspark/mechanical-software> |
|  |  | LT Spice | <https://www.linear.com/software/> |
|  |  | PROFICAD | <https://www.proficad.com/> |
|  | Project Management/ Collaborative work | ClickUp | <https://www.clickup.com/apps> |
|  |  | Trello | <https://trello.com/> |
|  |  | Todist | <https://todoist.com/> |
|  | Mathematics | MS Mathematics | <https://www.microsoft.com/en-us/download/details.aspx?id=15702> |
|  |  | Math editor | <http://mathiversity.com/math-editor> |
|  |  | Maxima | <http://maxima.sourceforge.net/> |
|  |  | GAP | <http://www.gap-system.org/> |
|  |  | Math Mechanixs | <https://math-mechanixs.en.softonic.com/> |
|  |  | GNU Octave | <https://www.gnu.org/software/octave/> |
|  | Statistical Software | R and R Studio | <https://rstudio.com> |
|  | GIS | QGIS | <https://www.qgis.org/en/site/> |
|  |  | SAGA-GIS | [www.saga-gis.org](http://www.saga-gis.org)  |
|  |  | HEC-HMS | <https://www.hec.usace.army.mil/software/hec-hms/downloads.aspx>  |
|  |  | SWAT | <https://swat.tamu.edu/> |
|  |  | PRMS | <https://www.usgs.gov/software/precipitation-runoff-modeling-system-prms> |
|  |  | FREEWat | <http://www.freewat.eu/software-0> |
|  | Structural Design | PROKON | <https://www.prokon.com/> |
|  |  | RCM ACI | <https://rcm-aci-builder.software.informer.com/download/> |
|  | Database/web/ Programming | MySQL | <https://www.mysql.com/> |
|  |  | mariadb | <https://mariadb.org/> |
|  | Other | EE software | <https://www.flambda.com/> |

**Online Learning websites that offer some free educational resources**

Here are some websites that offer free educational resources during the COVID-19 outbreak.

Edex: [https://www.edx.org/](https://www.edx.org/course/subject/engineering)

Harvard online learning: <https://online-learning.harvard.edu/catalog>

Coursera: <https://www.coursera.org/>

Canvas: <https://www.canvas.net/>

Udacity: <https://www.udacity.com/>

FutureLearn: <http://www.futurelearn.com/>

Skillshare: <http://www.skillshare.com/>

Dataquest: <https://www.dataquest.io/>

Udemy: <https://www.udemy.com/>

Great Learning: <https://www.greatlearning.in/>

upGrad: <http://upgrad.com/>

Educative: <https://www.educative.io/>