

Electronics and Communication Engineering
Web Resources References

S.No.	Course Code	Course Title	Web Link
Sem 1st			
1.	BTPH101	Engineering Physics	http://nptel.ac.in/courses/106102064/
2.	BTAM101	Engineering Mathematics I	http://nptel.ac.in/courses/106102064/
			www.math.klte.hu/~muzsnay/Pdf/0607EN/3_partial_dif_1.pdf
			en.wikipedia.org/wiki/Vector_calculus
3.	BTHU101	Communicative English	http://www.wikihow.com/Prepare-a-Professional-Report
			http://www.cse.iitk.ac.in/users/braman/students/good-report.html
			http://ctb.ku.edu/en/table-of-contents/leadership/group-facilitation/group-interview/interview-preparation/boost-your-interview-
			http://www.kent.ac.uk/careers/intervw.htm
			http://lorien.ncl.ac.uk/ming/dept/Tips/present/comms.htm
			http://www.kent.ac.uk/careers/intervw.htm
4.	BTEE 101	Basic Electrical and Electronics	www.neptel.in
5.	HVPE101	Human Values and Professional	http://niyatigarg.files.wordpress.com/2011/08/question-bank1.pdf
6.	BTMP101	Manufacturing Practice	https://www.youtube.com/watch?v=d1wHMbVmuBQ
Semester 2nd			
7.	BTAM102	Engineering Mathematics -II	http://nptel.ac.in/courses/106102064/
8.	BTME101	Elements of Mechanical	http://nptel.ac.in/courses/112106133/
9.	BTCS 101	Fundamentals of Computer Programming and IT	http://www.xconomy.com/boston/2010/01/20/hardware-vs-software/
			http://www.pcworld.com/article/2359682/meet-the-future-of-computing-10-killer-hardware-
			http://www.cprogramming.com/tutorial.html

			http://www.xconomy.com/boston/2010/01/20/hardware-vs-software/
10.	EVSC 101	Environmental Science	www.wildernessproject.org/
			www.aerfindia.org/
11.	BTCH102	Engineering Chemistry	www.neptel.in
12.	BTME102	Engineering Drawing	http://nptel.ac.in/courses/112105126/
			http://nptel.ac.in/courses/112104138/
Semester 3rd			
13.	BTAM 301	Engineering Mathematics-III	http://nptel.ac.in/courses/106102064/
			http://mathworld.wolfram.com/ComplexAnalysis.html
14.	BTCS305	Object Oriented Programming using C++	http://en.wikipedia.org/wiki/Namespace#Use_in_common_languages
			http://geosoft.no/development/cppstyle.html
15.	BTEC301	Analog Devices & Circuits	http://nptel.ac.in/courses/108106084/
16.	BTEC302	Digital Circuit and Logic Design	http://nptel.ac.in/video.php?subjectId=117106086
			http://nptel.ac.in/video.php?subjectId=117105080
			http://nptel.ac.in/courses/117101051
17.	BTEC303	Network Analysis and Synthesis	http://nptel.ac.in/courses/117106101/
			http://nptel.ac.in/117108038/
Semester 4th			
18.	BTEE402	Linear Control Systems	http://nptel.ac.in/courses/108101037/
			http://nptel.ac.in/courses/108102043/
			http://in.mathworks.com/products/control/
19.	BTEC401	Analog Communication Systems	http://nptel.iitm.ac.in/video.php .
			http://ocw.mit.edu/courses/mathematics/18-s997-introduction-to-matlab-programming-fall-2011 .
20.	BTEC402	Signal & Systems	http://nptel.iitm.ac.in/courses/117104074/

			http://www.cdeep.iitb.ac.in/nptel/Electrical%20&%20Comm%20Engg/Signals%20
			http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-003-signals-and-systems-
21.	BTEC403	Electromagnetic & Antennas	http://nptel.ac.in/courses/117103065/
			http://nptel.ac.in/courses/117103065/41
			http://nptel.ac.in/courses/117103065/44
22.	BTEC404	Electronic Measurement & Instrumentation	http://nptel.ac.in/courses/117106101/
			http://nptel.ac.in/courses/117107095/
			http://www.srmuniv.ac.in/sites/default/files/files/Unit IV.pdf
			https://mavdisk.mnsu.edu/alleng/communications/DataRadio/p telemetry.pdf
23.	BTEC405	Pulse Wave Shaping and	www.nptel.com
Semester 5th			
24.	BTCS304	Data Structures	http://nptel.ac.in/courses/106102064/
			http://www.cprogramming.com/algorithms-and-data-structures.html
25.	BTEC501	Digital Communication	http://nptel.ac.in/courses/117101051/
26.	BTEC502	Digital Signal Processing	http://nptel.iitm.ac.in/courses/117104074/
27.	BTEC503	Linear Integrated	http://nptel.ac.in/courses/117106088/
28.	BTEC504	Micro processors &	http://nptel.ac.in/courses/117104072/
Semester 6th			
29.	BTCS401	Operating Systems	http://nptel.ac.in/courses/106108101/
30.	BTEC601	Microwave & Radar Engineering	https://books.google.co.in/books?id=mKs53pET-bkC&pg=SA12-PA1&lpg=SA12-
			http://www.tpub.com/neets/book11/45j.htm
			http://journals.cambridge.org/data/relatedlink/MRF_topics.pdf
31.	BTEC602	Wireless Communication System	http://nptel.ac.in/courses/117104099/#
			http://nptel.ac.in/courses/117102062/

32.	BTEC603	Engineering Economics & Industrial Management	http://www.nptel.iitm.ac.in/courses/IIT-MADRAS/Management_Science_I/Pdfs/1_1.pdf
			http://nptel.iitm.ac.in/courses/Webcourse-contents/IIT-
33.	BTEC604	VLSI Design	http://nptel.ac.in/courses/117106092/1
			http://nptel.ac.in/courses/117106092/2
			http://nptel.ac.in/courses/117106092/6
			http://nptel.ac.in/courses/117106093/38
34.	BTEC907	Information Theory & Coding	http://nptel.ac.in/courses/117106031/
			http://nptel.ac.in/courses/117101051/
			http://nptel.ac.in/courses/117108097/
Semester 8th			
35.	BTCS403	Computer Networks	http://nptel.ac.in/courses/106105080/
			http://nptel.ac.in/courses/106106091
36.	BTEC701	Embedded Systems	http://www.arm.com/products/processors/instruction-set-architectures/index.php
			www.atmel.com
37.	BTEC702	Optical Communication	http://nptel.ac.in/courses/117101054/
38.	BTEC913	Human Resource Management	http://nptel.ac.in/courses/122105020/1
			http://nptel.ac.in/courses/122105020/6
			http://nptel.ac.in/courses/122105020/13
39.	BTEC916	Neural Networks &	http://www.scholarpedia.org/article/Fuzzy_neural_network