



ST. JOSEPH'S DEGREE & PG COLLEGE

Autonomous

Affiliated to Osmania University

Re-accredited by NAAC with 'A' Grade.

S.No	Name of the Subject	Class / Year / Semester	ICT Methodology followed (PPTs, Live Demonstrations, Video lectures, animation videos, etc.)
1	Fundamentals of Information Technology	B.Com(comp uters)-I Year	<p>E-Resources:</p> <ul style="list-style-type: none"> ➤ https://www.geeksforgeeks.org/network-topologies-computer-networks ➤ https://www.studytonight.com/computer-networks/types-of-networks ➤ https://bbamantra.com/machine-language-computer-language/ <p>Videos:</p> <ul style="list-style-type: none"> ➤ https://www.youtube.com/watch?v=rJPWi5x0g3I(Source:CD) ➤ https://www.youtube.com/watch?v=4PWVFBiFVVU(Source:CD) ➤ https://www.free-training-tutorial.com/animations/formulas-basics.html(Source:CD) ➤ https://www.free-training-tutorial.com/animations/worksheet-multiple-selection.html(Source:CD)
2	HTML Programming (SEC)	B.Sc(MECs/ MPCs)-II Year	<p>E-Resources:</p> <ul style="list-style-type: none"> ➤ https://www.w3schools.com/html/html_intro.asp ➤ https://www.w3schools.com/html/html_headings.asp ➤ https://www.w3schools.com/html/html_links.asp ➤ https://www.w3schools.com/html/html_lists.asp <p>Videos:</p> <ul style="list-style-type: none"> ➤ https://www.youtube.com/watch?v=Qpx6uquFOms(Source:CD) ➤ https://www.youtube.com/watch?v=9XFdwBISeQU(Source:CD) ➤ https://www.youtube.com/watch?v=nIxeAiEsi0k(Source:CD)

3	Elements of Information technology	B.com(IT)-I Year	<p>E-Resources:</p> <ul style="list-style-type: none">➤ http://www.differencebetween.net/business/difference-between-traditional-commerce-and-ecommerce➤ https://www.tutorialspoint.com/e_commerce/e_commerce_business_models.htm➤ https://www.geeksforgeeks.org/network-topologies-computer-networks➤ https://www.tutorialspoint.com/management_information_system/management_information_system.htm <p>Videos:</p> <ul style="list-style-type: none">➤ https://www.youtube.com/watch?v=R1bVgExOVUg(Source:CD)➤ https://www.youtube.com/watch?v=GxZeMZhwDE(Source:CD)➤ https://www.youtube.com/watch?v=q0jAoX2-Eog(Source:CD)➤ https://www.youtube.com/watch?v=J4jrGl_GbBY(Source:CD)
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Academic Year 2018-19

1	Principles of 'C' Programming	B.Com(IT) II Year III Semester	<p>E-Resources :</p> <ul style="list-style-type: none">• https://www.tutorialspoint.com/cprogramming/c_pointers.htm• https://www.codesdope.com/c-enum/• http://www.tutorialspoint.com/ansi_c/c_function_references.htm <p>Videos:</p> <ul style="list-style-type: none">• https://www.youtube.com/watch?v=6jicmEGo79Q• https://www.youtube.com/watch?v=6NjkhpbPX7Q• https://www.youtube.com/watch?v=YX3GbCyOBO8
2	Data Warehousing and Mining	B.Com(IT) III Year V Semester	<p>E-Resources :</p> <ul style="list-style-type: none">• https://www.tutorialspoint.com/data_mining/dm_knowledge_discovery.htm• https://www.tutorialspoint.com/data_mining/dm_cluster_analysis.htm• https://www.tutorialspoint.com/data_mining/dm_dti.htm <p>Videos:</p> <ul style="list-style-type: none">• https://www.youtube.com/watch?v=E2q-aCbpefo• https://www.youtube.com/watch?v=Hk1zFOMLTrw• https://www.youtube.com/watch?v=GhEteXWNIXc

3	Data Analytics Using 'R'	B.Com(IT) III Year VI Semester/B.Sc	<p>E-Resources :</p> <ul style="list-style-type: none"> • https://www.tutorialspoint.com/r/r_environment_setup.htm • https://www.r-statistics.com/2012/01/aggregation-and-restructuring-data-from-r-in-action/ • https://www.r-bloggers.com/r-function-of-the-day-table/ <p>Videos:</p> <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=-CTXR8qxTUI&list=PLw5h0DiJ-9PAOofs2LfXxoEVla4w_59Th&index=31 • https://www.youtube.com/watch?v=qPk0YEKhqB8 • https://www.youtube.com/watch?v=7sJ8r6Lb7-o
13	Python Programming	B.Sc(M.P.Cs/M.E.Cs/M.S.Cs) III Year V Semester	<p>E-Resources :</p> <ul style="list-style-type: none"> • https://www.tutorialspoint.com/python/python_cgi_programming.htm • https://python-textbok.readthedocs.io/en/1.0/Introduction_to_GUI_Programming.html • https://www.tutorialspoint.com/python/python_database_access.htm <p>Videos:</p> <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=41qgdwd3zAg&list=PLS1QulWo1RIaJECMeUT4LFwJ-ghgoSH6n • https://www.youtube.com/watch?v=26VtllzEcmU&index=12&list=PLS1QulWo1RIaJECMeUT4LFwJ-ghgoSH6n • https://www.youtube.com/watch?v=GTpl5yq3bvk&list=PLS1QulWo1RIaJECMeUT4LFwJ-ghgoSH6n&index=4 • https://www.youtube.com/watch?v=cJq_kuAKPCs&index=15&list=PLS1QulWo1RIaJECMeUT4LFwJ-ghgoSH6n • https://www.youtube.com/watch?v=xs-O08Z6uKg • https://www.youtube.com/watch?v=xdAnfDKmw84&list=PLjC8JXsSUrri0XWbCGffJ5to1P40hebu2&index=4
15	Advanced Excel	B.Com(IT) I Year I Semester	<p>E-Resources :</p>

			<ul style="list-style-type: none"> • https://www.excel-easy.com/examples/consolidate.html • https://edu.gcfglobal.org/en/excel2013/charts/1/ • https://www.contextures.com/xlExcelTable01.html <p>Videos:</p> <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=e8vL7BA_rFU • https://www.youtube.com/watch?v=NdHewYMCI6I • https://www.youtube.com/watch?v=mwcB2o5RiQ&index=3&list=PL55E3ACEB25ACD567 • https://www.youtube.com/watch?v=YiNHBeu_WJI
4	DBMS	B.Sc-II(MPCs/MECs/MSCs)	<p>E-Resources:</p> <ul style="list-style-type: none"> ➤ http://databasemanagement.wikia.com/wiki/Traditional_Approach ➤ http://agiledata.org/essays/dataNormalization.html ➤ http://agiledata.org/essays/dataNormalization.html ➤ http://www.studytonight.com/dbms/dml-command.php ➤ http://www.tutorialspoint.com/sql/sql-using-joins.htm <p>Videos:</p> <ul style="list-style-type: none"> ➤ https://www.youtube.com/watch?v=LOAxy0if9so (Source : CD) ➤ https://www.youtube.com/watch?v=kx6m8ABU4ZE(Source:CD) ➤ https://www.youtube.com/watch?v=QLXpYi-nWAA(Source:CD) <p>Others:</p> <ul style="list-style-type: none"> ➤ https://get.plickers.com/ ➤ https://epgp.inflibnet.ac.in/
5	Digital Marketing	B.Com(IT)-IYear	<p>Others:</p> <ul style="list-style-type: none"> ➤ https://get.plickers.com/

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1	Advance Excel	BBA(IT) I Year – I Semester	PPTs (Source CD)	https://www.tutorialspoint.com/advanced_excel/advanced_excel_tutorial.pdf https://www.queensu.ca/artsci/sites/default/files/excel_tipstricks_e-bookv1.1.pdf https://www.cs.colorado.edu/~kena/classes/5448/s11/presentations/hadoop.pdf http://www.snia.org/sites/default/education/tutorials/2012/fall/big_data/RobPeglar_Introduction_to_Analytics_Big_Data_Hadoop.pdf
			Videos (Source CD)	https://excelexposure.com/lesson-guide/ https://youtu.be/6QKOSRlxHf8 https://youtu.be/bdris9NoI5I https://youtu.be/mAPKSY4Zx9Y
			Web Resources	https://www.excel-easy.com/ https://www.tutorialspoint.com/advanced_excel/index.htm https://excelexposure.com/
2	Foundation in Hadoop and BigData using Infosphere BigInsights	BBA(BA) II Year – I Semester	PPTs (Source CD)	https://www.powershow.com/view0/7c3ef3-OTZIN/Hadoop_Training_in_Hyderabad_Hadoop_training_institutes_in_Hyderabad_powerpoint_ppt_presentation
			Videos (Source CD)	https://youtu.be/S7NsLnc32Xg https://youtu.be/d0coIjRJ2qQ https://youtu.be/SoS1CBjJiUA https://youtu.be/N98klidp9Wo https://youtu.be/7G6BVf8lBrM
			Web Resources	https://www.guru99.com/what-is-big-data.html https://www.coursera.org/learn/big-data-introduction https://www.edureka.co/blog/hadoop-tutorial/

				https://www.tutorialspoint.com/hadoop/hadoop_big_data_overview.htm
3	R Programming (SEC)	BBA(BA) II Year – I Semester	PPTs (Source CD)	http://csg.sph.umich.edu/abecasis/class/815.04.pdf http://www.tutorialspoint.com/r/r_tutorial.pdf https://www.cs.upc.edu/~robert/teaching/estadistica/rprogramming.pdf https://cran.r-project.org/doc/manuals/r-release/R-intro.pdf
			Videos (Source CD)	https://youtu.be/bPbmfwpnRbQ https://youtu.be/X67No4239Ys https://youtu.be/ufzQxIqNuwM https://youtu.be/xrFaj5eJ9U8 https://youtu.be/46UFzO1EgBo
			Web Resources	https://cran.r-project.org/doc/manuals/R-intro.html https://www.tutorialspoint.com/r/index.htm https://www.udemy.com/r-basics/ http://faculty.washington.edu/tlumley/Rcourse/R-fundamentals.pdf
4	Software Engineering	BBA(IT)/B.Com(IT) II Year – II Semester	PPTs (Source CD)	http://cabibbo.dia.uniroma3.it/ids/altrui/thayer-software-system-engineering.pdf faculty.tnstate.edu/jsiekpe/teaching/BISI4230/Chapter 1.ppt http://www.csc.liv.ac.uk/~igor/COMP201
			Videos (Source CD)	https://youtu.be/uH_X18pzx8I https://youtu.be/KdULGrtaxzw https://youtu.be/LT8uiz2YdgY
			Web Resources	https://www.freetutes.com/systemanalysis/ https://www.tutorialspoint.com/software_engineering/
5	Data Analytics Using R	BBA(IT) III Year – VI Semester	PPTs (Source CD)	https://www.udemy.com/course/r-basics/ https://youtu.be/eDrhZb2onWY http://csg.sph.umich.edu/abecasis/class/815.04.pdf http://www.tutorialspoint.com/r/r_tutorial.pdf https://www.cs.upc.edu/~robert/teaching/estadistica/rprogramming.pdf https://cran.r-project.org/doc/manuals/r-release/R-intro.pdf

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1	Web Programming	B.Com(Comp) II Year – II Semester	PPTs (Source CD)	https://www.slideshare.net/osuchin/internet-basics-13440260 https://www.slideshare.net/SatishSukumaran/vb-script-18026182 https://www.slideshare.net/seemadav1/xml-ppt
			Videos (Source CD)	https://youtu.be/YOXwcbwSEUo https://youtu.be/QEtWL4IWIL4 https://youtu.be/yQaAGmHNn9s
			Web Resources	https://www.w3schools.com/php/ https://www.tutorialspoint.com/web_developers_guide/web_basic_concepts.htm https://www.w3schools.com/php/ http://htmldog.com/guides/html/ https://www.afterhoursprogramming.com/tutorial/css/border/
2	Web Technologies	B.Com(Comp) II Year – II Semester	PPTs (Source CD)	https://www.slideshare.net/signer/lecture-05-web-20-basics https://www.slideshare.net/osuchin/internet-basics-13440260 http://htmldog.com/guides/html/ https://www.w3schools.com/xml/xml_what_is.asp
			Videos (Source CD)	https://youtu.be/YOXwcbwSEUo https://youtu.be/QEtWL4IWIL4 https://youtu.be/yQaAGmHNn9s https://youtu.be/5nuqALOHN1M
			Web Resources	http://htmldog.com/guides/javascript/ https://www.w3schools.com/php/ http://php.net/manual/en/tutorial.php https://www.learn-php.org/
3	C Programming	B.Com(Comp) I Year – II Semester	PPTs (Source CD)	http://www.academia.edu/8482887/C_Programming_language_Tutorial_ppt_for_beginners https://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-087-practical-programming-in-c-january-iap-2010/lecture-notes/ www.scribd.com/presentation/36853207/C-Programming-ppt

			Videos (Source CD)	https://www.youtube.com/watch?v=iT_553vTyzI https://youtu.be/2NWeucMKrLI https://www.youtube.com/watch?v=NQ3HcUfK9Zg
			Web Resource s	https://www.cprogramming.com/tutorial/c-tutorial.html https://www.tutorialspoint.com/cprogramming https://www.programiz.com/c-programming https://www.learn-c.org/

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1	Database Management Systems	B.B.A (I.T)-II nd Year- SEM - III	<p>E-Resources:</p> <ul style="list-style-type: none"> ▪ https://www.studytonight.com/dbms/overview-of-dbms.php ▪ https://www.ukessays.com/essays/information-technology/the-evolution-of-database-management-system-information-technology-essay.php ▪ https://www.geeksforgeeks.org/bbms-advantages-dbms-file-system/ ▪ https://www.studytonight.com/dbms/components-of-dbms.php ▪ https://www.lucidchart.com/pages/database-diagram/database-models ▪ https://beginnersbook.com/2015/04/cardinality-in-dbms/ ▪ https://www.sqa.org.uk/e-learning/SoftDevRDS02CD/page_44.htm ▪ https://www.w3schools.in/dbms/database-normalization/ ▪ https://www.geeksforgeeks.org/dbms-database-recovery-techniques/ ▪ https://www.javatpoint.com/dbms-sql-introduction ▪ https://www.javatpoint.com/dbms-sql-command ▪ https://www.tutorialspoint.com/sql/sql-using-views.htm <p>Videos:</p> <p>DBMS Introduction</p> <ul style="list-style-type: none"> ▪ https://www.youtube.com/watch?v=rbwXdTsCk2c&list=PLyvBGMFYV3auVdxQ1-88ivNFpmUEy-U3M ▪ https://www.youtube.com/watch?v=xcu40g21oiY&list=PLyvBGMFYV3auVdxQ1-88ivNFpmUEy-U3M&index=2 ▪ https://www.youtube.com/watch?v=PFYeVvgig30&list=PLyvBGMFYV3auVdxQ1-88ivNFpmUEy-U3M&index=18 ▪ https://www.youtube.com/watch?v=L_rxqSJAj6U
2	Data Warehousing and Data Mining	B.B.A(I.T)-III rd Year- SEM-V	<p>E-Resources:</p> <ul style="list-style-type: none"> ▪ https://webdocs.cs.ualberta.ca/~zaiane/courses/cmput690/notes/Chapter1/ ▪ https://t4tutorials.com/attributes-types-in-data-mining/ ▪ https://www.tutorialspoint.com/dwh/dwh_data_warehousing.htm

			<ul style="list-style-type: none"> ▪ http://www2.cs.uregina.ca/~dbd/cs831/notes/dcubes/dcubes.html ▪ http://www.etltools.org/data-cleansing.html ▪ https://www.tutorialspoint.com/data_mining/dm_mining_text_data.htm ▪ https://www.redbooks.ibm.com/redbooks/pdfs/sq247912.pdf <p>Videos:</p> <ul style="list-style-type: none"> ▪ https://www.youtube.com/watch?v=ykZ-UGcYWg&list=PL6rW2WM-9qyQ8XW5-O-Xge0Bd5K8qqwv(Source : CD) ▪ https://www.youtube.com/watch?v=74_sxp09Vz0 (Source : CD) ▪ https://www.youtube.com/watch?v=QHLDplWyDGM&list=PLLwVEM0N8W7Gh1s_5ff3WYVaGvMj4jEKV&index=7 (Apriori) (Source: CD) ▪ https://www.youtube.com/watch?v=VsYKqOokgaE&index=8&list=PLLwVEM0N8W7Gh1s_5ff3WYVaGvMj4jEKV (Source:CD)
3	Descriptive Analytics Using Cognitive BI	B.B.A(B.A)-II nd Year – SEM - III	<p>E-Resources:</p> <ul style="list-style-type: none"> ▪ https://www.ibm.com/blogs/business-analytics/data-is-everywhere/ ▪ http://businessworld.in/article/How-Data-Analytics-Is-Changing-Business-Models/04-09-2017-125301/ ▪ https://www.ibm.com/support/knowledgecenter/en/SSEP7J_10.2.1/com.ibm.swg.ba.cognos.ug_rtm_wb.10.2.1.doc/t_view_pcg.html ▪ https://www.ibm.com/support/knowledgecenter/en/SSEP7J_11.0.0/com.ibm.swg.ba.cognos.ug_ca_ds_hb.doc/wa_an_assemblegetting_started.html <p>Videos:</p> <p style="text-align: center;">Introduction to Cognos BI</p> <ul style="list-style-type: none"> ▪ https://www.youtube.com/watch?v=3NjOtSVwnG0(Source:CD) <p style="text-align: center;">Cognos Configuration</p> <ul style="list-style-type: none"> ▪ https://www.youtube.com/watch?v=albLRAOoHjo (Source:CD) <p style="text-align: center;">FrameWorkManager</p> <ul style="list-style-type: none"> ▪ https://www.youtube.com/watch?v=SbNrQOaPjWs(Source: CD) <p style="text-align: center;">Calculations</p> <ul style="list-style-type: none"> ▪ https://www.youtube.com/watch?v=SdIdqAYIqPg(Source:CD) <p style="text-align: center;">Global filters</p> <ul style="list-style-type: none"> ▪ https://www.youtube.com/watch?v=K7ntBdPvtT0(Source:CD) <p style="text-align: center;">Drill thru</p>

			<ul style="list-style-type: none">▪ https://www.youtube.com/watch?v=K02wXZ547-g(Source:CD) Conditional Form▪ https://www.youtube.com/watch?v=x47L-W-N_2E(Source:CD)
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2018-2019			
1	Java Programming	B.Sc III year VI Semester [MSCs/MECs/MPCs]	<p><u>E-Resources:</u></p> <ul style="list-style-type: none"> ✓ http://nitikesh.yolasite.com/resources/JSP%20complete%20reference.pdf ✓ https://www.oracle.com/technetwork/java/index-142838.html ✓ https://javabeginnerstutorial.com/jsp-tutorial/jsp-scripting-elements/ ✓ https://www.studytonight.com/java/ <p><u>Videos (CD)</u></p> <ul style="list-style-type: none"> ✓ https://www.youtube.com/watch?v=VuamdsiuTq8 ✓ https://nptel.ac.in/courses/106106147/4
2	Data structures & file processing	B.Sc I year II Semester [MSCs//MPCs]	<p><u>E-Resources:</u></p> <ul style="list-style-type: none"> ✓ https://www.tutorialspoint.com/data_structures_algorithms/ ✓ http://lib.mdp.ac.id/ebook/Karya%20Uumum/Dsa.pdf. <p><u>Videos (CD)</u></p> <ul style="list-style-type: none"> ✓ https://www.youtube.com/watch?v=PqS5T9ZKZno ✓ https://www.youtube.com/watch?v=ikPPdBDZnz4 ✓ https://www.youtube.com/watch?v=PgBzjICcFvc ✓ https://www.youtube.com/watch?v=TzeBrDU-JaY
3	System Analysis & Design	B.Sc III year V Semester [MSCs/MECs/ MPCs]	<p><u>E-Resources:</u></p> <ul style="list-style-type: none"> ✓ http://www.saigontech.edu.vn/faculty/huynq/SAD/Systems_Analysis_Design_UML_5th%20ed.pdf ✓ https://www.tutorialspoint.com/system_analysis_and_design/system_analysis_and_design_tutorial.pdf ✓ https://www.tutorialspoint.com/system_analysis_and_design/system_analysis_and_design_pdf_version.htm <p><u>Videos: (Source: CD)</u></p> <ul style="list-style-type: none"> ✓ https://www.youtube.com/watch?v=i-QyW8D3ei0 ✓ https://www.youtube.com/watch?v=KxAgoMN6UoA

			<ul style="list-style-type: none"> ✓ https://www.youtube.com/watch?v=lt_USS_B-jg ✓ https://meeraacademy.com/ ✓ https://study.com/academy/lesson/developing-a-graphical-user-interface-gui.html ✓ https://www.youtube.com/watch?v=fh1ThdkO0Vs <p><u>PPT: (Source:CD)</u></p> <ul style="list-style-type: none"> ✓ ✓ https://www.slideshare.net/jagneshchawla/cohesion-coupling. ✓ https://www.slideshare.net/smitpatel10192/library-management-system-presentation ✓ PPT on Communication Techniques. <p>PPT on Data Dictionary</p>
4	DBMS	B.COM II year (Computers)	<p><u>E-Resources:</u></p> <ul style="list-style-type: none"> ➤ http://databasemanagement.wikia.com/wiki/Traditional_Approach ➤ http://pages.cs.wisc.edu/~dbbook/openAccess/thirdEdition/solutions/ans3ed-odonly.pdf ➤ https://www.w3schools.com/sql/sql_join.asp ➤ https://www.w3schools.com/sql/sql_view.asp <p><u>Videos:</u></p> <ul style="list-style-type: none"> ➤ https://www.youtube.com/watch?v=LOAxy0if9so (Source : CD) ➤ https://www.youtube.com/watch?v=fg7r3DgS3rA(source:CD) ➤ https://www.youtube.com/watch?v=GP_RcibUicQ (Source:CD)
5	Principles of C Programm ing	B.COM II year (IT)	<p><u>E-Resources:</u></p> <ul style="list-style-type: none"> ✓ http://www.kciti.edu/wp-content/uploads/2017/07/cprogramming_tutorial.pdf ✓ http://www-personal.acfr.usyd.edu.au/tbailey/ctext/ctext.pdf <p><u>Videos (CD)</u></p> <ul style="list-style-type: none"> ✓ https://www.youtube.com/watch?v=xB3OnNnhDrU ✓ https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/cc-8th-function-intro/v/relations-and-functions ✓ https://www.youtube.com/watch?v=ErMKBh1pobg