

# ASPIRE GROUP OF COLLEGES

KACHA KHUH



## *Course Breakup for BS*

**Class:** BS English

**Subject Code:** G-Comp-101

**Subject Name:** Application of Information & Communication Technologies

**Teacher:** Prof. Maqbool Hussain

**Cr. Hours:** 03(2+1)

Lectures	Topics
1	Introduction and scope of Information and Communication
2	Components of Information and Communication Technologies
3	Hardware.
4	Software,
5	ICT platforms, networks,
Quiz 1	
6	Local data storage
7	cloud data storage
8	Emerging technologies and future trends.
9	Introduction and basics of Computer Science
10	Computers & Algorithms
Assignment 1	
11	History of Computer System
12	Brief discussion on computer

13	History and Evaluation of computer system
14	Generations of computer
<b>Quiz 2</b>	
15	The Hardware World
16	Binary Numbers,
17	Boolean Logic and Gates
18	Computer Organization:
<b>Assignment 2</b>	
19	Von Neumann Architecture
20	Non Von Neumann Architecture
21	Introduction to System Software
22	Operating System and Utilities
23	Input Devices
24	Output Devices
<b>Mid Term</b>	
25	Programming paradigms and languages,
26	Graphical programming,
27	Overview of Software
28	Engineering and Information Technology
29	Introduction and Types of Computer Networks

<b>30</b>	<b>The Internet</b>
<b>Presentation</b>	
<b>31</b>	<b>World Wide Web,</b>
<b>32</b>	<b>Cloud Computing</b>
<b>33</b>	<b>Note Taking Applications(Evernote)</b>
<b>Quiz 3</b>	
<b>34</b>	<b>Video conferencing</b>
<b>35</b>	<b>Google Meet</b>
<b>36</b>	<b>Microsoft Teams, Zoom</b>
<b>37</b>	<b>Social media applications</b>
<b>38</b>	<b>(LinkedIn, Facebook, Instagram, etc.).</b>
<b>Assignment 3</b>	
<b>39</b>	<b>Application Software: MS Office Word</b>
<b>40</b>	<b>Application Software: MS PowerPoint</b>
<b>41</b>	<b>Application Software: MS office Excel</b>
<b>42</b>	<b>Managing Directories</b>
<b>43</b>	<b>Managing Folders</b>
<b>Quiz 4</b>	
<b>44</b>	<b>Creating, managing, and organizing files</b>
<b>45</b>	<b>Creating, managing, and organizing folders on local</b>

46	cloud storage systems
47	Google Drive, One Drive
48	Social Issues in Computing,
49	E-commerce plat Forms
50	Daraz.pk, Telemart, shophive, etc.
<b>Assignment 4</b>	
51	ICT in Education: Working with learning management systems
52	Moodie, Canvas,
53	Google Classrooms
54	Sources of online education courses
55	Coursera, edX,
56	Udemy, Khan Academy
57	Interactive multimedia
58	Virtual classrooms practices
59	Urdu Typing Software Inpage
60	Window Operating System
<b>Final Term</b>	