M.V.R. DEGREE COLLEGE

(Affiliated to Andhra University)
An Institution of Priyadarshini Educational Academy)
NAAC ACCREDITED COLLEGE

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Secretary & Correspondent

Dr.A.Balakrishna,M.Sc.,Ph.D.,
Principal

DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science, Serves BSc Programme students to excel in the field of Computer Science and IT industry. The department offers Computer Science in three core combinations Mathematics - Physics - Computer Science, Mathematics – Statastics - Computer Science and Mathematics – Electronics - Computer Science of BSc. programme. It also provides B.Com Vocational as part of computer science.

Course outcomes of all the courses offered by Department of Computer Science(2015-16)

Code	Title of the paper	Outcomes
FC-1	Information Communication Technology	**CO1:** Can understand the basics of Computers Definition of a Computer - Characteristics and Applications of Computers – Block Diagram of a Digital Computer – Classification of Computers based on size and working – Central Processing Unit – I/O Devices. **CO2:** Can understand the Primary, Auxiliary and Cache Memory – Memory Devices. Software, Hardware, Firmware and People ware – Definition and Types of Operating System – Functions of an Operating System – MS-DOS – MS Windows – Desktop, Computer, Documents, Pictures, Music, Videos, Recycle Bin, Task Bar – Control Pane

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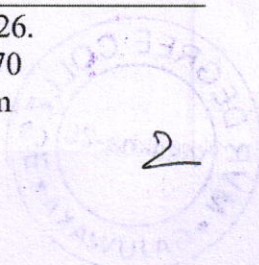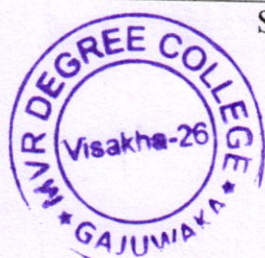An Institution of Priyadarshini Educational Academy)
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		CO3 : Can understand and were able to operate MS-Word Features of MS-Word – MS-Word Window Components – Creating, Editing, Formatting and Printing of Documents – Headers and Footers – Insert/Draw Tables, Table Auto format – Page Borders and Shading – Inserting Symbols, Shapes, Word Art, Page Numbers, Equations – Spelling and Grammar – Thesaurus – Mail Merge
		CO4: Were able to implement MS-PowerPoint Features of PowerPoint – Creating a Blank Presentation - Creating a Presentation using a Template - Inserting and Deleting Slides in a Presentation – Adding Clip Art/Pictures -Inserting Other Objects, Audio, Video - Resizing and Scaling of an Object – Slide Transition – Custom Animation
		CO5 : Can understand the use of MS-Excel Overview of Excel features – Creating a new worksheet, Selecting cells, Entering and editing Text, Numbers, Formulae, Referencing cells – Inserting Rows/Columns –Changing column widths and row heights, auto format, changing font sizes, colors, shading.
FC-2	Information Communication Technology -2	**CO1 :** Can understand the Fundamentals of Internet : Networking Concepts, Data Communication – Types of Networking, Internet and its Services, Internet Addressing – Internet Applications – Computer Viruses and its types – Browser –Types of Browsers.
		CO2: Can understand the Internet Applications: Using Internet Explorer, Standard Internet Explorer Buttons, Entering a Web Site Address, Searching the Internet – Introduction to Social Networking: Twitter, Tumblr, Linkedin, Facebook, Flickr, Skype, Yelp, Vimeo, Yahoo!, Google+, Youtube, WhatsApp, etc.
		CO3: Can understand the Definition of E-mail - Advantages

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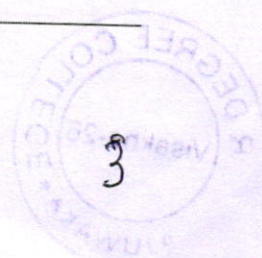**An Institution of Priyadarshini Educational Academy)**
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and Disadvantages – User IDs, Passwords, Email Addresses, Domain Names, Mailers, Message Components, Message Composition, Mail Management, Email Inner Workings.

CO4: Can learn to implement the WWW- Web Applications, Web Terminologies, Web Browsers, URL – Components of URL, Searching WWW – Search Engines and Examples.

CO5: Can understand the Basic HTML: Basic HTML – Web Terminology – Structure of a HTML Document – HTML, Head and Body tags – Semantic and Syntactic Tags – HR, Heading, Font, Image and Anchor Tags –Different types of Lists using tags – Table Tags, Image formats – Creation of simple HTML Documents. References: 1. Raymond Green Law and Ellen Hepp, Fundamentals of the Internet and the World Wide W.

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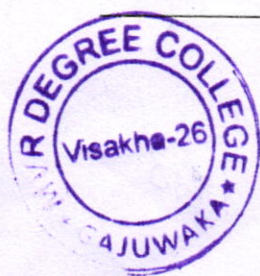
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<mark>Course outcomes of all the courses offered by Department of Computer Science(2020-2021)</mark>

Code	Title of the paper	Outcomes
Life skill Course 1	Information Communication Technology	**CO'S 1 :** Demonstrate basic understanding of computer hardware and software Basics of Computers: Definition of a Computer - Characteristics of computers, Applications of Computers – Block Diagram of a Digital Computer – I/O Devices, hardware, software human ware, application software, system software, Memories - Primary, Auxiliary and Cache Memory. MS Windows – Desktop, Recycle bin, My Computer, Documents, Pictures, Music, Videos, Task Bar, Control Panel. **CO'S 2 :** Apply skills and concepts for basic use of a computer. Identify appropriate tool of MS office to prepare basic documents, charts, spreadsheets and presentations. MS-Word : Features of MS-Word - MS-Word Window Components - Creating, Editing, Formatting and Printing of Documents – Headers and Footers – Insert/Draw Tables, Table Auto format – Page Borders and Shading – Inserting Symbols, Shapes, Word Art, Page Numbers, Mail Merge. **CO'S 3 :** Create personal, academic and business documents using MS office. Create spreadsheets, charts

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		and presentations. Analyze data using charts and spread sheets. MS-Excel : Overview of Excel features – Creating a new worksheet, Selecting cells, Entering and editing Text, Numbers, Inserting Rows/Columns –Changing column widths and row heights, Formulae, Referencing cells , Changing font sizes and colors, Insertion of Charts, Auto fill, Sort. MS-PowerPoint: Features of PowerPoint – Creating a Presentation - Inserting and Deleting Slides in a Presentation – Adding Clip Art/Pictures -Inserting Other Objects, Audio, Video - Resizing and scaling of an Object – Slide Transition – Custom Animation.
Life Skill Course-2	Information Communication Technology -2	**CO1:** To understand the literature of social networks and their properties explain them which network is suitable for them fundamentals of internet : what is internet?
		Internet applications,internet addressing entering a web addresss,URL , searching the internet, browser types of browsers, introduction to social networking: twitter, tumblr,linkedin,facebook,flick,skype,yahoo.youtube,whatapp.
		CO2: Develop skill to use various social networking sites like twitter, flicker, etc Learn few GOI digital initiative in higher education
		E-mail: Definition of e-mail Advantages and disadvantages – user IDs, passwords, Email Addresses, Domain Names,Mailers,Message Components,Message Composition, Mail Management
		G-suit: Google drive,Google documents,Google spread

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sheets,Google Slides and Google forms

CO3 : Apply skill to use online forums, docs, spreadsheets,etc, for communication,collaboration and research ,get acquainted with internet threats and security mechanisms

Overview of internet security, E-mail threats and secure E-mail, Viruses and antivirus software, Firewalls,Crytography, Digital signatures, copy rights issues

What are GOI digital initiatives in higher education?(SWAYAM,SwayamPrabha,National Academic Depository, National Digital Library of india, E-Sodh-Sindhu,Virtual labs, eacharya,e-Yantraand NPTEL

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