

IT TECHNOLOGIES
COURSES
(SECTION 2)

# TABLE OF CONTENTS - Section 2



EURATION: 2 MEEKS
FORMAT: WESTOF FLUS VIDEO LECTURERS
CERTIFICATE OF COMPLETION

### What is Case Havagement Information 333500?

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2. A Case Management Information System brings about inches of transporting and allow

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#### Functions of Case Management Information System

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3. Case Analytics and Expanding Tracking performance in some helps to previous convenients on early first and a confidence in the plantial options and destroaction that offset. A Case Managemen Information Reporting States entermated the generalized A Case Managemen Information Reporting States entermated the generalized A Case Management Information Reporting States and Accessed States of the Case Management of the Case Manageme

## Afrantigo of Studying Case Hunagement Information System

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## What is Charles Management Represented System

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### Why Study Charch Menagement Information System.

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### Church Management Information System Course Outle

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### What is Construction Management Information System?

Contraction Wanagement Information Season or CRES in the solvent and applications and in digitally plan, during anti-coronal to always and continuous microscopicities of a continuous project. These architectures of a content and applications or admit Content size Management ranging from figure Season colorest in Palesco Parisates colorest.

Contraction Management or CH can be defined as the use of operational project man appears to this part and contract the planning and execution of a construction per and with form in business come in the completion of an

points y control a continuation projects. Time, Card and Quality using information technology conferent and applications in solar to fulfill the custors and contractors agreement—tho tower as a Contract Application.

A Contractor is a person or energiesy for transpor for planning, curvation, and completion of approach one control framewar a solute person of time. Contractors are annipoid to a summarine project ment time, through a hidding presenter in solving different control.

### The 7 Major Types of Commenties

Capic Barto, Named Brick, Speciatrical Energy, Storage alon, Elevation, Water rigidly system, dealer, seeks, wells, mildfelder.

Rands will d Construction, This includes from formus, manners, operances, revealments, etc.

Commended Combination: These are buildings for business instructions each at efficies, stores, assumence, made, harde, malle, objecting assume, hotels, and are time.

Institutional Contraction: Then are contraction, for presences are and other public experimeters such as wheels, for and prior nations, buildings, beginnin, transportation, Minches, miscome, demonstrat, research, etc.

ar chanical and power plants, each mills, manufacturing plants, pipelines, oil refraction, platforms, and exquere.

Many CPR. Those sectle continuing of temporation influencement such as reads, reduceds, needs, streets, hidges, styrets, and distribut military facilities.

Exclamated Continuous Exclusions (Exclusional Associations was always paid of heavy and continuous har is was separate because a deals with projects that improve the archive most, finch as wearness, was become plants, sealing and others sowers, wild want most arms, and at well-time posters.

Contraction Management Inheritation Series or CMS inholicity the ordered and agellutations used in digitally plan, design and research the association and completion of a contraction, project. There are limited in all officers and in Contraction Management ranging them they before it is Project Persian software.

#### The Top 18 Construction Management Softwares

#### These was beself on popularity, they are in fo

- 2 Menhoo
  - Person
  - Percer
  - Nedra
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  - CPWD48
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### Career Opportunities in Construction Management Information System

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### Construction Management Information System Course Outline



### CCTV COURSE

DURATION: 2 WEEKS
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#### What is CC117

for manifoling activities in help pircus and public phose.

CCTV can sike the defined as a controllinear quinter fine allows video control to transmit description with the help of a windwritten controllinear or apporter to claim. The signal instantial is not be household be lost in the situation or a fininge lost in which the help of PER for some discoping and fines one. The masses why it is salled a Cheed Cheed Television is in characteriation of direct transmissance and and testing-and-

#### Meanings of CCTI

- 1. ECTV provides dose membring searchy inherly private and public photo-such as many,
  - CCCY Major in monitoring our efficie including financial inclusions such as features.

    If provide acquisite narrouthness for protection of people to advanced authoring mathem.
  - create, challe, modern placer etc. If EVEV halos in motorities from the least has of security
    - XTV provides 24.7 monitoring now-less
    - persons among of adversely men.
    - lay are said in intenting release. Incommittee that plants and help to secure property and life.
    - CCTV high to heap gust and proven common for future use.
  - CCTV provide surveillance earson for a broad or work over when the owner is far away, as still monitor his seed from survein using a temper earson.
  - as still books: the and from sepwer using a tendor option.

    2. CCTV beforestendar and investigation to the aware of contain-occuminate before taking.

XIV quime provides accurity mervillance poriodies of pupils, motes, offices and the networkers at legs. A CCTY system comprises of micromera, sensition, delirental motions, CCTY little accurate us a chievensition, using drive mountaining system. Balso falls branchers afections where the signal is measurated over the six and viscoul with a decision.

#### Components or Farts of a CCTV System

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    - Annie
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CCTY - Word Transmission CCTY - Version Transmission CCTY - Version Transmission

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CTY - Conpensal Integration CTY - Digital Technologies CTY - Improvement to Existing Selection

CTV - Major IT Tables CTV - Relation Criteria CTV - Vender Bransma CTV - Nasalistica Video Lemon

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### Water Clini Coquing?

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Chard Computing you also be defined as for an immunity subshifty of company yours recessor, including data manage and accombility without direct solve management by the

The Cheel Computing Computer started in the year FIFS with implementation of major.

These promotion, accomplish the following disease.

### Advantages of Clear Comparing

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- The secon effice-office divelopment and diployment tools, programming tentine conmission through a model PraiX.
- In Cond Computing the cost in highly effective because it operators thigh efficiency with optimize at literature.
- 4. M. Chadronesto as ray made analytic of the sevent in a manur that provide platform independent assets to any type of obesis.
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### Cherecteristics of Cloud Compart

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### and Conferred Schoolsgray Section

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### Advantages of Studying Cloud Computing

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- Clead computing relation instantia contribities, stear applications believe included a designation for accessed from anywhere provided from in interest assertation.
- 4. It also makes hardware maintenance offerdow, visus traditionally, some how to put software with the latest relation, appraise and traditionisting from with sixed comparisactor 2001 have to worsy about flux, since it will fortunable by the cheed across pro-
- Brough that of do have such as fighting as dalkings in vary minimal. Users don't favor to wanty when their since all date and applications are stored in a controlled success remote location.
- E effect to efjet apportanties for alted computing professionals.
  - let carnet selection
- In the Full Course, you will have everything you need to know about Cloud Comparing with Excellence to discover your invadable.

### Grad Gospathy Cearse Oct.

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- 1.1 Cloud Comparing Introduc
- 1.2 Cloud Committee Domina
- 1.3 Cheed Computing Planning
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### When is Compiler Design

optimization processed a complete.

A.Compiler is computer software than manufacture, program source under which is serious in a high-local language into local tracking could, it controlled translates the and, written in

The Compiler also ensists the code-corpur efficient and optimized for excentionalise and matterly upon. The compiling process has been translated mechanisms and either detection, it and a more code if there is a more on. The compiling process was definingly exists, helical and/universalise analysis in the first and and previous applicated unit in the first in different and and previous application and in the first and and previous application and in the first interest interest in the first interest interest in the first interest interest

systemically and does. If it's necessarial, helds the suspect code, modeling near that common their self-re-other parentees served and se appropriately, Euclideanily, the corpor sole is

### Types of Compile

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a souther generative mean copy, eques in not harbonized surfacel, par sounce copy,

interes. Proof preparating language.

\*Fue-Pasa Compiler: This pass decoupled as only to be remainded or ion, on the first pass in checks the quates of interments and assessment a solution of controls, while on the annual pass it admits transfer position destinated into exaction integration. Market Pasa Compiler: This is a type of prospiler that processes they wone costs or obstead.

### qaage Proceedig System Step

High Level Language These are programs the comin talefor or tinchold describes such as Freshold on Mallini. They are clear to human language but the free machines. The PU tags are referred to as programmer denote as. They will the yet procurate about solution de-

Fire Frenches : The produces specifie the compile and also dust with this inclusion, argumentation, manner, encouraing, language reservation, etc. It returns a little blacked after from the blooding the filter ashed the inclusion and all the Market disturtion using macro requestion.

Assembler: This translates amonthly happup code into modifier understandable language.
Each planties of SR + Handware has its own assembles. The compart of an assemble in Lancon
as an object file which is a synthication of machine interesting shong with the data sequind
to most those interestions in assemble.

price make and sensitives unto listrity line ethic Complex make for miter unto a mor and corporate medical code directs, handare difference is, languaged/pagama are unto by diverse with respect to complete mes.

Minocolate: Machine Code: The studies for the context of a program using its image address identifies. This can be braked at any point in time and can be not.

Linked Ultims and inciges a valid of shock the army's fire Collective constitution. The linker sanches for defined models in a programmed finds out the manney leasting where all models our record.

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#### Conserve Of A Councille

gir an code reput into the color begin in the analysis object code that it is being the abased using digerous involving medical posts; other collect compiler collaboration as an existing analysis.

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larger size could true services. Sentention if the autio in shore, some compilers do not by translating the formode into mager orde to ten in the specific processor using classical acording methods.

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Cash debugging help: Complete, make help the debugging process, make to princing our the orner time to programmer and offing there the upper of orner that is anountered so they would have here to start finise in.

### Benefits Of Using A Compiler

**Expense) petinosses:** Exigs complex incomes and preparagraphicsens, its miking the projects optimized, probable and early ran on the specific business.

because it complete the proportion of y mus, home scalaring system head and expense time when new year on the program.

Fredericks for secure ande and programs. Compiles period year program some by discounaging other same from making anotherical dangers to year programs, year in the author can distribut your programs to object outs.

Persidity of complet programs: Complet programs are along a portain moning that you can baseline it from our teaching to storch without working about dipendencies as it is all complete together.

In the Full source, you will have everything you need to have about Compiler things with Confidentian of Commission to decrease your horodoxinial it asked.

### Compiler Design Course Outly

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DURATION: 2 WEEKS
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Jens Int.

C Finking Monory and

Permanent Memory

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munication. IEM hair the PC with an brait processor and also on Microsoft Simple Chin. Operating System (SSS ISOS). Later we other compensates like Company, AST six discriminalates the same and wate on to develop their own hardware compensates.

A legical PC Unit constat of a Monton, System Unit, Keylmani, Monea and constitues aster people-mix like Scanners, Printers, Speakers etc.

### or Stratow Cish

- 7 Padata China Res
- 3. Penny and Bour Burn
- A Common Cuine
- 3. Ember

## The fundle of the System Cr

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- Kindon Auro Monor (E.VK).
- d. Read Only Message (BODE)
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  - refirm, unanimal risks rank, TV seek KEN cenk ran).

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# Advantages of Studying Computer Engineering

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2. Studying Company Engineering Indys your devolve indocure angineering oklife in composite

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 $\delta.$  Studying Computer Engineering Solps over to acquire logical distilling and artiful analysis sints.

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II. It hips to designs the life systems of your computer.

12. It helps you to serve money if you know how to fix your even computer.

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Designed Study At Your Christ

## Computer Engineering Course One

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ne Engineering - The East) net Engineering - The Start op Process net Engineering - Yolop Program

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pute Engineering - President Pregrand Engineering - CRS and RESC grand Engineering - Chips Foo Module grand Engineering - President clinics

njuan Engineering , Hand Disk nguno Engineering - CD ROM ngulos Engineering - IPVD ROM ngulos Engineering - Kystem Kolman

Delpuis Enginering - Protect Mode Corpora Engineering - Narum Senge Corpora Engineering - Barkesing Grams Corpora Engineering - Berkesing & Pro-Corpora Engineering - Computer Reprin



BURATEON: 2 WEEKS FORMAT: WEB FOF PLUS VEDEO LECTURERS CENTER ELATE OF COMPLETION

### Tolerana selection

The Computer is an advanced decrease device that their raw data as an input framelic over and processor it under the administrate and of instituctions testind programs, produces small (suspec), and serve is for linear see.

The parts of the computer that you can use and can banch, such as the security, be decade and means are known as Handmare, while the art of instructions that direct the computer or what is do a histories as forthware or Computer Program.

Date which is the sex form that you must have be compared in lower in larger, this includes, webs, characters, but there, would, and pictures. What the input data has been presented by the computer, the meaning following a which the computer produce is called laborateries.

## Renofits of Conpany Fundamentals

They are many benefits to beaming about computers, some of them are

Employment Opportunities Uniter Konnindepolds in computer generalists of an individual, until commongroup programmers, relative du congleton, software devid spor, orgánico; softwares analysis, hossisso employables depolds from the computer analysis of the second devices or the software for the second devices or the software devidence of the second devices or the software devices on the second devices or the software devices of the second devices or the secon

you need made equickly to any charge.

Instrumed Name August Studying the Fundamentals of Computers Sulps you understand
completes when the community, the runn of community on horse and force before and once

Independence: With invalidity of computers, you can arraw jobs for present like upon a

Instruction Facility Performance: Using a companior in a mendagona instrument the code performance becomes in minimizerability or made like relating menting more in control. The deefficients by either regions it in the reprise or by exceeding the manifolds dense between the companior has programme and not expressible on minimizer of processors which higher yets required part denselves and labors, and if you approve along the former, satisfies for the are observed processors.

Exaderably and Frommism. With his is computer borre below, you open yourself to the approximate of below promised as higher positions within your workspace belower below company from with other you to work or more challenging project or tasks which could put you to loaderably providence.

Experied Commandanter The computer trains communication with others better and same, with software against the found against tens, would notify, and would besset.

### Features of a Company

There are many features of a Computer, Believe are some book features:

Presenter: The computer has a presence that is one of the most important components, whose job is to perform this processing by complex out instructions in computer code.

Barrage: The computer fundament rank kinds of numery which is the Sandam access name (ICAN) and the Road-On Selection (ICAN). The Run is however or plantage accessoring plantage are computer and in variotity examing the closest hald information be long, while the Runs is the summittee yearing that belief information for a largery periodical road is a deleter.

National Many A has in fraction more, computer has in its ability to connect to another computet over the network to extricate data and information that is in it.

known from to content to the different hardware attached to the computer and also manager memory allocation and allow computer software application to run on it, examples and the Windows Operating System, Limits and Wine.

Opening Sciences, Projectoria, etc. slong with how to get the most raise and impact of science hashed by:

### Coarse Outline

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empater Fundamentals - Number Rystem response Fundamentals - Fundar Commission response Fundamentals - Data and Information

corpore Fundamenta - Operating Science (respects Fundamental) - Interest and Interest (respects Fundamental) - Flori to Elect.



AAT: WEB-POF PLUS VIDEO LECTURERS CENTIFICATE OF COMPLETION

## What is Computer Graphics?

Computer Graphia is the set of descring planess and down line-using computer advances with the help of pregnancing. Compute graphics are made up of a tenthor of point. A Find is the smallest visible unit of on image deployed on the computer servers.

Computer Grouphia in the trainmings that concern the durings and manipulation of pictur on the computer Grouphia is defined as an image or a visual representation of objects. It is

To slopply a pinture of any size on a computer server can be associate a difficult process. Compact graphics are used to simplify this process, rations algorithms and nothingon nor works generate position and make them display properly recommender division.

Some Coptes.
 Your Coptes.

or on array of pixels. Popular states Economic are EFEE, 1795, GEF and TEFE.

Note: Graphic as puts, point, line, dops, or no physical of which as bood specimelisms of specimelism apparent.

# Features of Computer Graphics

There are a lot of features of computer graphics software some of those are:  $\label{eq:condition} \label{eq:condition}$ 

anne.

 Batter, The other Seature in small codecration the size and position of objects that ye describe on the computer.

Moss Bert. The mess har in the season the service that contains a life of all the community to found within the graphs orderers.
 A Season of Business The season barbon is a lost that you concerned which shows also

concessands of the orderers.

5. Property Eart The property has in a demandable has that assenting community that are

 Cale Public. The other poles is a decidable for in pospile similar software that contains exist executes.

 Branching Primitive: The decreing valuable is an assummable deer primitive page. It evaluates bunder around the primitive page.
 Branching Page: The decreing window is a socionyade area inside the decreing window.

also become an the principle was because it is the principle amount year deriving.

N. Therbook: The restlies is a data high but containing needs for scheding, counting modifiing and filling objects in the shareing.

 Magalfor: The magalfor is sautre owns in or on as aparticular advered ann of your date layer places.

H. Ermort The croser so its same suggests, is used to crose steen of your densing or pictim.

Davin There are discounts and account was being places or descring.
 Fill With Color. 1937 with color is used to \$10 the order places or a rule.

A. Anti-March St. (To. Planting)



## in of Contraser Graphic

They are many bondles and advantages of computer graphics, some of from are

and an indeed name and a bulletonic

2. Computer graphics after a serie use easily interactive divisor to NeilColmulations

d. A hole in sometiment because in terms

5. It seeks in changing and modeling images into motion pictures.

It is makes computation content and to an accurate way o g, with the help of gridlines.
 It also helps in performing sequence of transformation and translation or scaling of obj.

S. It is read for engineering drawing.

IR. It provides the shifts of a computer-space to most complex drawings and display the relationary handlet.

Computer graphics is one of the most efficience and estimately used exposed communities graphics recomputing dovices.

\_\_\_\_\_\_

### Town of Conventor Grankle

## Besinity they are two upon of Computer Graphics namely:

Intention Comparie Displace. This is not one to the optimization between the compare and the end for the size of six down accounted over the large by mending limit with the large dates for computer to the game controller of the large propagate. The high late in regularity is appropriet or compact, the temporary or controller and injust their controller the displaced picture appropriets. The next case give a ratio of a returnment, and we aparticle particle compact to the to compact the late of the ray to annotrate an execution, or disfuger with the compact limited to Compare Complete Complete and the commontation of the compact limited to compare Compare and the compact and the compact limited to compare Compare and the compact and the compact limited as the compact compact and the compact compact and the compact limited as the compact and the compact compact and the compact limited as the compact and the compact compact and compact a

graphic in which the core does not have use hind of control-over the image. Image is mostly the product of child stand programs and off much according to the interviewing pive in the program limited. The image is study under the control of programs interviews for exemple of this study. The image is study under the control of programs interviews for exemple of this study.

En the Fall Course, you will have everything you need to know about Computer Couple.

In with Furthfords to describe your Executive and commence.



DURATION: 2 WEEKS
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## What is Computer Programming?

Computer Programming is the organization chief and process of designing and heliding computer programs and applications to not up obtained to accomplete a specific computing seal.

Programming have related as the healt as 1204 AB. Machine code was the early language of computer programs, as at density was notices in binary metastans, in a milely language a sea

The first exacted computing program was introduced in IAAL, when a malescance and Ada Larathan distributed by the same an apparatus of florosoft members when Challenge Selection Involved Services.

## Advantages of Computer Programmic

- 1. It exhauss effective communication harvous the company and the programm
- 4.3 in ward to held both dedictor, web and mobile and content.
- ...
  - ii. It provides late of job apportunities globall
  - 7. It provides applications that makes life sension.
  - I. It is waitly and be adopted nationalized advantions
  - Computer programs have increased our accidination via the sac of soft and mobile applications for class, framewors, 1,1,
- H . Computer programs help as simplify our mode, save much time and increase productivity at work phases.

## Computer Programming France

arms in gen commercement on the combines hards armed and ref-

office to solve problems or to achieve a quality computing task.

 Mgw Maese, can be defined as the stap by may approach or method in solving a gir problem. Adjusting payments involved the set of variables and data traps.

 Markelders are recovery focusions for viceting data in a computer program. The volum of variables care during the association of the program. We have been ignored variables.
 Markelders and Varianties for behalfes.

A first Types are dear are been which instead the couples or inceptors from the programmer instead on one the data first upon the color across major programming language like C, large and Python are:

- Marien. - Marie

rambers (Bras, desimals es) ratelysests

 Cuding Tests: The tests used in orbital programs sugar from Dea Editors, Edit, Compiles and Interpretes.

Complete: A complete is used to occure the program file to binary file.

Not faithful. These are surfaces used in writing you code.

-theographic increases are auditorial and econographic directs

coloration.

\*\*EXECUTO Service as Integrand Condepend for incommo (XX) in a referral application for provide comprehensive colorational and interface are incomed to compare programmer for referrance directlymans. An IXX animally contain all courses code addise, automation and a

## Types of Computer Programming Languages

Three are handesh of Programming Languages in enhistone, surging then her Jevel improgram-high level programming languages. The most popular and commonly used ones never follow:

- 1. C Programming Language 2. CF Programming Language
- 4. Festion Pergramming Campage 5. Found Transporters Language
- ii. Perl Pergramming Language
- Python Programming Longuage INT Programming Longuage
- II. Low Programming Longuage L. Lonsonije Programming Longuage
  - Schow Language etc.

In the Fall region, you will have every fitting you need to have about Computer



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CENTIFICATE OF COMPLETION

## What is Communication Technologie

Communication (retirempts, she turns or the turns or the turns or the turns or the turns or t

Communication is the endurge of information through the new of speech, signour year halo. When early framens smeed speaking, that woulde from make of communication. Communication new a long distance when profits who are permunicating attention of each other 's vite in soliced Telecommunication.

model a ten around in communication systems and and information machines.

Indighous simily goes may be informists, smallist and finally compare metorics. Compare
systems to be a solutionized models of promise and communication and communication to the department of the communication and communication to the department of the communication and communication to the department of the communication and commu

## Major Tigurs of Communication Technologic

Communication Technologies are becaute the equipments, both, day for people to communicate and pass information about the gibbs.

Educate season major technologies residing an arrive and factor may be resembled.

Maphene: This is besides as degrees; device designed for the simplemous mass.

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Another than the second of the

Note these. This is not true for a failure, and transmission of moving is require a mostly most school, for which definitions are all sold for a source or solver. It but depos department exists not not a relational for a source or solver. It has depos department exists not not a relational for solvering in transmission and an advantage of source as a Fix as it is now, making the solvering in monthement, unless the This This mode is public in PMs, you hough a facility or operational with most fair PMs. Fix most a regulation of the PMs are solvering the solvering of the public in PMs. This most is a relative or produced to the Source of the Company transmission of the PMs are solvering the public in the PMs are solvered to the Source of the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the Company transmission of the PMs are solvered to the PMs are solvered to

Behamid. This mouse of the semi-single interactions in Communication Typical and quite mixture behavior by my by a very time; and communication that the object on the communication of the communic

## Renglits of Communication Technologie

Communication Technologies have beinged for make the communication precure more convenient and color and it has a but of houtile and advantages in the companied for the traditional inscense of communication and below are some of the boucker-of-communication technologies.

Assemblies Communication Stateships to light for mile assembliate more prosent and accomple, operands to go distinct communication frazens to manage empli standors into globa, see here also afronts into compact to show from, for exempenal, social naturals, on which defines the monage in whom how.

Microsoft notice King vicinities and dating indivities, has made vary the process of recordsing. Social networking withins help-years is known in their with bloods and family white sholing withins body you find concern compatible to be in a admissionly with.

communication medicin-share information with a large number of people, when it are send both contribute electric electric these about a solution change in the school or a public both day. Many higher institutions are electronic communication to maintain a well-informed energies.

Communication for the Washfelt. Is benefit of communication including not either usual or discissional fields in histology gave the disable that deathly is a communication. Enabled, the complete discission contributed people to make communicate and dame fairs optionates overly and Communication to According allows for people who have provincing and here able to special colours a raiser famingly optimized compare software.

Large Bridance Communication. Early force of transferring information across a long distance broaders masses who can assessment and the forcess george and disting propose or the witner message. The advancement of communication activation to help of an indiclong distance communication has not effortion.

reduce forume and chair-rooms are help-those areats a more fulfilling rooted bits.

## Features of Communication Technologic

## Refere is a first of a few frameword Communication Sections

Appelerance Communications Communication Excluding or allows computer, for comple, to recent wednes who are in some location because appelerance communications after the new work together area in different time zone.

monitors. It has belt of cubality characteristics and batters for people assungment.

Really Margin Ppatientina (RMI): Communication schoolsgive, allow more resoluted resilies more security and a real-decay application a single-upp.

Value Calling: Communication Endocrington allows you to sell and open with common instantly not midding the distance and time.

Enter Managing Communication Endocing to other young not message in at instant



DRIVATE OF COMPLETION

# What is Coverete Engineering and Technology?

Conserve Engineering and Northerings in the application of racious medianisms and not subage to consists material entang to order to cohercus the pressure of conserve formation is visit angionering.

Commercia is accomposed mandrated that in made yeard first analysisms stricture of extract areas analysised memorials diseases briefled supprises value in failule context (or someway pounds for part facilitated over time in a context brieflet. Some of the context brieflets include: Line Patty, and wide preventionment and as or Calcium Alembrida Commercia with Protifical Commercia disorday Preferencia Context accurate or it was sended and behove or of its value of activation.

### Probabilistano

Many other and continues oppose near the control of the source on the control of the control operator, the include. A sphall Control operator with a blood for this man which is commonly used for anxiety treat underso, and polymer comments that makes on polymers as a blood.

then forms a derry fluid that is could protect and models that are shape. The crease their modes with the water and other togendants in directly a hard matrix that break together the moment into a dental or more like material that has many more.

Med time, various additive each ar hope-platistics; or Foundare are added topolor in fermionest to release the physical properties of the net minute or the finished material.

## Renglis of Graciese Engineering and Technology

Contracts in a control to next solution because it is the only material for building the

- 1. The lower despites of subset for a pre-control research over let 3
  - 2. Chemiched datability changils, brogavity, and Barbility.
- 3. Maximized energy performance and efficiency visus thermal ma-
  - C Departury or one community is a seed in.
  - A building material that doubt's rurs, burn, or rus.
     Enforcement research.
- Visuality, making the it can be benedited any shape, order
- E River of the
- Coughor i books and sound bestuding material.
- N. Lew control maintenance.
- NY person resubility, also, the various mutatide that are social to make concept at plantiful in just about every area on the plant.
- wid, see Server, it is review that of wood, seed, planter, and dominion continuous potent. 15. Consum can be and less very divised days. Next if it is plante that manual in Social
- mech as chrolice techniquitet, me. 14. The constituents of commute are used, carment, appropriate, and water. A relations of commute and water is salled a paster. So, assertment out the called a minuter of paster, sand, and
- In The Full Course, you will know overplainty you made in know show Concents Engineering and Suchambay with Confliction to discuss and account your branching.

## Concrete Engineering and Technology Course Outline

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Concerts England Early Commit Concerts England Early Normal

Concern England Fach + Quality of

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increte England Each • Development of Nowagh

core England Tack - Strongth Properties code England Tack - Education and Code

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Concerts England End + Eightweight Concret Concerts England End + Mile Design



TMAT: WEEFOF FLUS VEDEO LECTURERS CERTIFICATE OF CONFLETION

### What is Countl Systems:

Control forces in a congress of mechanical or electronic devices that commit and regulate

A Control System command reasons, direct, and regulators for entirity of other devices systems using anterestings. It can empt from an individual forms heating controller using a decreased that controller demonstrately up to large industrial Control Systems which are

A Control Space is some a govern, which provides the desired response by simply one territor the control Space of Space Space in the last over of the industry state of an exercise.

#### Tenes Of Control Systems

### The Types of Control Systems processes installed

 Industrial Control Systems (ICS) such as Experisory Control and Entir Asspections (ICS) and

2. Britishand Control greaters (DCII)

#### What is Control Streets

Some of the elements of Control Longs which are among the purit-of Control Sprinter

- 1. Programmable Logic Controllers (PLC)
  - 5. heading of Electronic Control of Electron

# E. Remote Terminal Units and Gen

The Control Loops that make up the Control Systems themselves are made up at: 1. Sensors,

2 Contribution and

1. Control Bosses.

The bosses and inclined from the annexe contribute of a measurement that is believed by the

The Controller part the right from the source and then each it to the instrument, which

The Control Element is whose the present contribute the adjusted and topic content at a set make.

### Feature Of Control System

Assembly Charles (control product scottes data and information Assembly in important for offsector sumageal decisions, because or control social direct sumage, more offset and accepts on Stations that do not control and a ser printly and would fall as for managers is now of serious problems that do require attention.

Timelinear inscreasy should be expended as soon and expelled as possible to the energy and that timely automate resizes it can be taken. Daily to automate be arranged as to serious. East authorizated addressing on an decidation considerable Control States accommodate

Future Or Seasoft: The Control Sympa solution that minutes much in the past art and argumed in the finance is in a present that is hased an interruption. Exhibit in executing the plane for a plant past of the proposal bits for should.

Nullight Coated Systems: The Control System date sociates by anteriorizing you until the Ciference counts a powers a seriori production acquerous simultaneously, increment, soles, even uniquelity. They denied not only super the different sense of operations, but they should also also a besting deviations of the impost, work of companion controls and outputs the silver in soliday deviations of the impost, work of companion controls and outputs the industrial.

the cost of the control existin districtive to have that in Frontille. This is made promoted to making connection recovers only on significant deviations. Cannot by exception as a risked print reduced the one of executar are assured as but devector requirement of fickings. Management of the control of the Frontille and the control of the promoted assured to the control of the control of the Frontille Control of the Frontille Control of the Control of t

The impact of changes on passive processors or assume a stock for manufaction code.

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Managers are manufer arose a problem and not how effectively the Central System works in made smalleress.

personal flow time. It may lead to door time gains at the cost of long-time positio.

## Rearthy And Advanceurs Of Control States

#### There are many Benefits of using a Courted Scottm, some of them are

- I. Quality Asserts
- T. Com wheeling
- V Frank Che in Obsession
  - 5. Production Planning.
  - I. Pendurine Control.
  - i, Penduston Control. I, Better Time Management

n The Full Course, you will been recepting you need to know about Control Systems (th Geriffonties to showever your knowledge and competence.

# Control Systems Course Oast

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BURATION: 2 WEEKS ORMAT: WEB-POF PLUS VIDEO LECTURERS CERTIFICATE OF COMPLETION

### What is Cryptocarrency

Cognocrano is a rigid corrors that can be useful question goods and services by making use of an extina believe with vary strong appropriate to make your miles because that a find of the intermediate who is those acceptant commercial as a make for goods, with questionment materials of thing prices obtained.

Cognimerway is a four of payment discound to endought office the many posits and articles. More companies here into office more cognitionation, while to been in training, milities are be installed quantificatly for the greater over the first from any manifold that is of former by an article field of the annihilation of only in a continue, him will need to enduring real natural, but the cognitionation is no come to great or the service.

#### Haw Gypt

Cognocratedos work by using a training py known as blockshain for its operations. Blockshain is a decentralised trainining that operad across record assignment that manages and records the transactions. Part of the uppe

Cryptomerandor ou expringuiço in soure instructions and regulate the continue of more units. Director, the original and by the more and America oppositency, was leasted in Damary 2015. Today these are over 1,000 coppositencies that are available online and by millions of trades universe assembles world.

## Features of Cryptocarrencia

make one of more advanced copplying to a marker of ways. Organization and of the more discussion communication authorises needed as a fix, in other communication authorises one and are at it, in other communications of the communication of the communication of the communication of the communication and communication actions, making the analysis of the foreign planning for any propriets inclinate and mother analysis of the communication actions, physics and also foreign developed and communication actions.

#### exponentially interesting control of the control of the format interesting, set moved an adulation the blook data serious. They are smooth an immedigate rades on a gap, presence and available sense of a point-presence of their presidents for the presidents are sense that that Allians, and they filter a set protocol for underlang are thanks. Into 3 not an employ consensition for mervals assembled plant radius to gap with a blookholm. This would allow or aryses to test transactions without the sold for a restant around along the presidents.

A BioS. Missing: Block missing in the processor description removation records as removation Moutile in the Moultainties adversed. In this processes using Missine are an excurrently more bisening per produced, addings on the sent manifester of a risin, that is, not an airculation. Missing around a sent manifester of a risin, that is, not an airculation and included an application of the contract first is not be a reformational position, and this validation that applicates in transactions which makes applicated.



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#### hat in Cryptograph

Copengraphs in the present of securing information from third party it death with information and communication recently which transfer the present of information from one parent to another without girling according lossy.

Coppingraphy duck with information and distribution and naturity. It has the ability of home minima information between resolar without sixture across of such information to shall se-

It is a very important factor in information websiding, become it enables individuals as

Copregnate in a term green from two locals "Regar" moving bibles or worst and "graphese" moving witting, for they it moved feeting.

# Amongo synthetic Cyptolopes

## The bondits and most Coppequipts indu

- It realths individuals and regunitation to their information orbitally and it.
   It fully to assum that information being sort to the receiver in authority.
- 3. It provides warming for data at all times making it an ideal educine transvers that improve below making as a lost consist.
- E chano datumigato securorismos suboticas.
   E casa e electronista del colora infraestra della

# Features of Cryptography

rights and no other power except him are more it.

videourismy addition to information/being detected.

intention to sand information at later steps.

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# Principles by Cryptolicated

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DURATION: 2 WEEKS FORMAT: WES FOF FLUS VIDEO LECTURERS CERTIFICATE OF CONFLICTION

### What is Cerellbrare Graphics?

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DURATION: 2 WEEKS
FORMAT: WEB-FOF FLUS VIDEO LECTURERS
CERTIFICATE OF COMPLETION

# What is Computer Networking?

Computer Networking in the process involved in connecting computing divisors for realizing of information and inconsists over adds makes or intelligent mode. Calls Made an Wiles, Network Calles and Optic Calles, while Nicoles Media are NOTE, Hosper, Manteels, 60% Solido et C.

Computer Networks are digital wirecommunications systems that allows makes or devices to interconnect and deare sevention. Early servents of computers included the E.S. military rather exists Transic attention. Execut

#### from all the advantages of Computer Networking includes

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# Adventiges of Studying Computer Networking

### Some of the advantage of Andread Company Surveying new

- I. It makes not work street after
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- d. Knowing large of your network
  - Freedom to above the bod pospular subweiting

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# Die avsallable Sypes of Computer Nationals, was as falls

- EAS: Could from National Information devices that are not too for time and other, and as a five tree of followers upon.
- MAX: Distripuistant from National information devices that are up to a few location of information sport
- $\bullet \, WW \circ White Area Naturals interconnects bests that can be brasted anywhere in the mobil.$ 
  - metal.

# The Key Competer Nationaliting devices are an follows:

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author Chesification of computer naturals in beneficie their Signifiqu

Network Republic in the parties in which devices at multi-such as computers, princes, material and other devices are connected to a Lond Anna Parimet (LAX) or other annatural networks.

# Types of Network Topologics

The various Network Tomoborks are as full

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Impale School Layer on special

as the third best of the CDA Model's Tipot System (Incommented Model's This layer persistes data making paths for noticeal communication).

Date is usually manafered in time of pastern, its logical network parts in an order controlled by the mirrord, leyer.

### The Major Layers in Computer Network

- The major bears in Company Nationals are as follows:
- reference model.
  - Berk Link Layer (BLL): Reported in Layer 7. The Standard Layer is responsible for the min to make Arthury of Resource.
- Natural Laper The Laper 3. For mountains of data from our boat to the other boster in different spreads.
- A Branquet Loyer This is Layer A Ingresides services to application four scalable services from scalars X Syst.
- man of souther.
- 7. Application Layers Application layer is at the very top of the EOS reference model made
- In the Fall course you will know crowything you need to know when Computer You, weeking with Contificate of Computers to document and dissource your Constraint.

S, Names Bette Company Versaling - Introduction Company Versaling - Mitadistries Company Versaling - Serietes, Bosons, and VLANs Company Versaling - News and Estadoston Company Versaling - Cond Company

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DURATION: 2 WEEKS
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CRISTI-BLATE OF COMPLETION

# What is Computer Security?

Computer Security is the continue rings and includes taken operating to detect and not assurber to the computer system. It is also a precious of societing data from that are sensitive to the computer from backers and includes.

Computer Name by princip computer systems and information from how, that, and was therefore see Born are medicals, software, and solutions in which to enable queen security, enliqued computing receives, enable that integrity comics occurs authorized mean.

Computer Security is a pitted demand to person our computer systems from the tradicious standard formulating any damage for our hardware, software as well as disruption of the services manifest.

income, there you next thought of what would happen if all your analostic information the assument, personnel, could not employ. State including colors, etc. is balled from the risks are:

# Why is Computer Security Important?

name of the reasons Computer Security to vary Important Inche

. It halps provide viscous and ecohorus from attaching your computer evision, which afferes

Mediar and worst critical hurinous procures.

 To keep all the asseption systems, services or unbiase access from the multi-loss attacks included the entire information and data access.

To answer vited information and amotive data in communic environment that year communi

### Components of Company System Second

The components of a computer serior that such to be produced a

Hardware. This is the physical part of the computer, like the system memory and discrete the state of th

Pleasement This is the permanent software that it designed into a bandware device's non-ext softwareness and it, mostly invisible sorter non-

**Individual** This is the component built using programming languages that of the numbers, like operating systems, would processes the interest to the num.

#### Have to Be Secured.

Computer Security plays a major role in according our files, unifor accounts using presented and complex encryptions.

 The out of wait passwords model after fundam to guess from early independence private over underside, and our forecast of members benefits.
 Building and data. The content and instantial from building content in the building stant.

Building up date. The record and important for proper access in the halding sport date. This is directly serving every of procressing date on an extend hard date or than if your direct is extent at compromised, over hading data would'be a sorter.

Proteolog Window Nationals All the visition networks associated with hostorous and inforitable should be proceed with a strong powerful. This provests backets from according to the backet from according to windows feedback associated. While were that the windows network a energiesal.

# Arranages of Confuser Security

Some of the advantages of competer society includes:

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3. It afters the repression of data that secure the uniteralizing and or communicated.

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 It minimizes the cost of company maintenance focuses company fracting and crashos revoluced.

# Mate Financia Company Steel

In Arthumation Stating, Security: This talks about the scrattly of information, such as the type or level of information we alread without learning, have diagnoses in a small for mountcompany or to seek to the which implies fluctures; care and uniform has to the labels in the object log a smaller to deformational the proton who is requesting and information must have the recovering or appropriate document or authorization.

2. Multiple Layers/Neurilly: This is important as it follows righters the security of a separate or software application. Multiple Layers Security Super-Channel the immediate and relative for the security of processes a point as a fixed the very layer presents Laureing the other securities. Security as easier from an extension of the securities.

Note the Self-trained. The second security and was until an Authority. Provide and Authorities to present against all and of Tenera and Malmont like Tenjam, Worms descould have to find in heavily and a factor of internation of the present of the Tenjam.

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as the encapsured beginns that up housely up to be done on the beforeing.

a. Lead Radgare such in Francial Rad, Other Plant Others, CD (7) Send

S. Culine Backages such as Cloud Backages, Server Declupe, Network Attached Streets (NAS) and Distracts from Microsoft (NAS).

Separity Pelicine: An a communication of its important to formulate policies to sides arrapped maps which target from:

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## Conputer Security Francis media

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# Conputer Security Course Outle

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DURATION: 2 WEEKS
FORMAT: WEB-FOF FLUS VIDEO LECTURERS
CERTIFICATE OF COMPLETION

### What is Cantomer Service.

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A Content for the Expression is uncome the stander points of a Commer Support in an expension to a site partners make the high-decision in purchase as well as resulting insur assumptional other purchases.

#### Service Tech?

b) and mendion technology for provide a more exploital-statement support for advisory improval/continues such district. Many organizations have invested in both human exploitry socks disclosing to improve contents satisfaction as this is key to continue growth.

### Why Customer Service Tech?

Organizations are maring inmorth automation, being that had Lourining refractions service combined with modern achoring collection mean as much more for both the contenue and the organization.

# Common Service York or Automated Common Service in securous in the following

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  - halomotion of argentunismal narrice processor. Monitor soon requiries and consents arrow all social electrons.
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  - Incremed continues literature value

# Features of Good Customer Service Tec.

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#### Famain Probational

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2. Increased Consume Satisfaction

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# he Study Continuer Service Tech

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DURATION: 2 WEEKS

TERESTE OF COMPLETION

# What is CICS - Customer Information General System?

CICS in the account for the Customer Information Conductive/show that was developed by BML in 1991. CICS whose it was no apartons and quarter at-ordine agelication in an MYS continuous. CICS has become one of the most accumulate and accumulate direction and accumulate direction.

TO be transaction preceding system fat in the Leven or or Order Transaction Proceeding ECCT/SORMAC CCS in a data-communication inhomation-system flat conveyned a proved fatter made up of hand-both-originates.

being and the object for many actions to growing primer are set only that programs. CNS programs in the discharged by many (COSES, Lane S, Co-vide. There delty, when want to pri information within a product and who is not foun. In principle and quick are true, we would not a suprome the cross-costs and promotion be information ordine. (CNS shows more to communicate allowed) with the body, and prime to get the information that they desire. However completely only the delty for the continuous costs of the continuous costs of the continuous costs.

providing of influencements on ACMS transactive to a single selt of providing their intention by single-report which may after some more objects. This proceeding is try looky intentitive in surrow extends, but anyting not transactions in the budgement in proceedings.

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Application that are developed to CEES and N Controlled in 1900 of company programming impages and from york or of CEE exploit impage removes to interwith regional resources such as deathers, Elen, removing, connections, at a self-serious flavoriem such as well-havelow. CEE houselfs the reside immension such that of the any minute principal of the interestinal table off the sourceafts changes can be with those and

# Metaples a) Canadar Hydricance Court System

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 Although revealed accessor to AKIng on the CKS system of the same tree, it would differently facility that it is a single-story application.

 DCS manages the during of transactor, the integrity of data analytications of exacts tion, with fast expense.

 DCS gran agriculture accentive and in spate data thoris on Epiciting System, CK authorison was, officials access and energy and cyclois, and power a distinct sequence by the application to the appropriate database assessment.

with the, consistent express times and posseds high availability and establish are less not per tensorior.

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DURATION: 2 HEEKS FORMAT: WEB FOF PLUS VIDEO LECTURERS CRISTIFICATE OF COMPLETION

### What is Data Communication

Until Commensations (Note) the Emissions of again distributed to the Original patient. Accompanies mirrorly or data surprised has a following missions material. But afferes companies natural surprised. The physical amounts between new advantage size in investibilitied using other other made or window mode. The free innew computer no work is the Marcollin and Commensation of the Commensation of the Commensation work is the Marcollin and Commensation of the C

Field Communications are received to bear if communicating devices are in the same frameing or in a similarly restricted prographical area.

minime simulin, and then majori presented wealth to remote haustern. The differentiales communication to design to which are presently in widesproad use, or alread gradually, citie to improve the data automostication bediniques attachy uniting or to right as the same will

### Prior or Competence bear?

Communication is the proces of shaling a thorough According between two-people's procurated of communication.

I. Message: It is the information or date to be transmitted. It is made up of tens, numbers,

3. Sealer It is the device or compare that develops and seals that move per-

### social Performance in Data Communication

- A protect petians the following functions:
- Even Representing it retires to optimize a long message terror maller year terror threat stars.
   Otto apparating tolas define the method of methoding purificative should have an deplicative of products and transmitted behaviory purificial, which belong to the same memoge.
- 3. New Beating: Buts tracing defines the treet efficient path linking the enters and during time.
- Evan Fremarting: Data formatting tolar define which group of him or distriction with the yearlist constitute data, control, addressing or other information.
- a day mater in its amount measure during and protestion against itselfor compression by organizing the flow of data on communication lines.
  - transitation of constructionages.

    6. Providence and Online of Departments from the construction of the scales are a
- 5. Connection Establishment and Seminative: These takes define here according any analytical, maintained and invarianted when two under of anniversit, most in assessments
- with each other.
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#### Their Consumications

There are many bondry of their communications some of them are

1. Data Communication allows us to order information formous reas or more sire

2. Data Communication makes the world's global village, which masses that we are all conmuned to markeshoo.

 Data Communications made it may live us to any not manadeso incide that more barder do before easily like menaging accurate acres a distance.

 Data Communication mobiles for more execut of viscosmic or digital data between terror more today, regarding of gargesphical leasting, technological motivat or data contents, smalls and located moveages, as worther phone path are concepted of data-communications.

This course will sook you all about Bata Communication including various concept in Data Communication and Computer Parlworks.

#### Communications

- There are many bondry of their communications some of them are
- ). Data Communication allows us to why information between  $\sigma_{\rm tot}$  or more designation.
- 2. Data Communication makes the world's global ellipse, which means that we are all constraints
- 3. Data Communications make it may for un transport manifers inche fluit more bardles due before easily the messaging amounts over a distance.
- Data Communications multiply the more used of electronic or digital data/not resources record more soils, regardless of grapping licensies, writeninginal mediant or demonstrate,

This come will need you all about Buts Communication including various encoge in Data Communication and Computer Periodole.

#### or Coarse Ooth

Data Communication - Introduction Or on in Data Communication - Computer National, Data Communication - Strength National, Data Communication - Computer Solventia Data Communication - Computer National,

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Das Communication - Unit Designan Proceed
Das Communication - Application Layer

Data Communication - Clima Gover Model
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Data Communication - Norwald Service.



DURATION: 2 WEEKS MAT: WEBIFOF PLUS VIDEO LECTURERS CERTIFICATE OF COMPLETION

#### When'to Deep Missing?

Data Mining in the process of connecting unified data from a large set of any new data. It seems is a large set of Chromballay discovery that hadron and clean and cross and of the

Outs Making constroles defined as the process of sorting through large datasets in order to discover and about the nations and printless amplitude for the process data and one.

necessary has more about their resistance in develop more efficiency meta-slip integric increase using devenue cum, make better decisions by using software to understand deep insights of data.

precessing. This halps bests can be done to their objectives and traffe below decisions that we below proof.

### Have Dazu Date Mixing Work:

maningful patient, tends, and imagins to radio below districts. This can be used to rating of surp, such as marketing, restricted management, that detection, whentile discovery, determine users "belowing and estimate."

To artiface this, the process involves relienter shat evidention and translaturing as well as a competitional process. Buts mining employs explication or material and politication regiment the data and evidential the probability of blace areasts. Data mining inside recordments a few and evidential to the control of these areasts. Data mining inside record-

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and yet, recongressed trains and information technology professionals according distance determine here they want to expensive it.

 Then, application without anto the detrineed on the over's weeks, and finally, the end-war process the data in an energian share format, such as a graph or white.

# Appen by Delta

h applied on:

Substance development: This is how on the relational model of data, it is a set of intercent data tables from which determine the account or reasonable of to many ratios, steps without having to compariso the debitors tables.

Deby wavelease. The rea continued for reporting and distance, and integrabel as a convidence of business incligance in a spoons of soliciting and managing data from ratiosa sources to preside monthly fairbusiness lengths.

Advanced CO and information repeals the This analyses price a local of appropriate of this that the local deviations simply assets provide, the respectivity the control  $\rho$ 

how that cultivaries is a model with information represented by objects. The main fusions of objects at mixed discharge is offere log-the definition of objects, which are different from montal discharge (Sparie).

Frame-based Graduane Transactional declarat is collective of data-oppoint by timesisteps, dates, as to expressed tensactions in databases. Eith Transactional Cardonare, you have the field delity to red back or under its operation wherea tensaction is not completed or contention.

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### Advantages of Date Min

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the later and determine here they must be requester it for one.

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CERTIFICATE OF COMPLETION

#### What is Data Science?

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People who study and made in the field of data selector are called Even Selection.

continue range of skills in collecting and analyzing data from various sources.

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    - interpret the data to discover solutions and apportunities
    - Emmanianing findings to siderbillies such as and on, and experiments using visualsition and other procession masses.

## What Does a Data Analyst Do

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Elegande Analytine amounts for mount for a part or commit happenings by comparing descriptive data with to identify dependencies and patterns per time.

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### Features and Benefits of Data Science

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BURATION: 2 WEEKS
FORMAT: WEEKFOF FLUS VIDEO LECTURERS
CRISTIFICATE OF COMPLETION

# Fundamentals Of Pasa Structure & Algorithm

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It benefices This appropriate set of operation-data attraction appears. However, on interface statistics of comments appropriate programmers.

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5. Blaze Search: This is a factor vay of conducing a wards. What applies is a principle of direction of an appear and as ender for the algorithm in work properly, the data activation must be in a social form.

# Advantages of Date Structure & Algorithms

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NAT: WEEFFOR PLUS VEDEO LECTURERS CERTER BLATE OF CONFLETSON

### What is Data Warehous

Data Workhouse of colorest to a sea Editopole (Met Workhouse (EPF) is a control and for data strongs, and yet analogouting 3 to possible of an increase proposed of bestime intelligence. Data workhouse are seemed beneing of data grown from one or more control account.

A Bara Vinchaser are in between a sufficient of data in our place for her analysis of reports for workers allowed the conception, this an electronic energy of a way large question of data generated by a horizon that in designed to make question and energy and enalysing of the data response is pronounced remediating data into very world information and also making to a page it is a pronounced remediating data into very world information and also making.

The labor of a first Wandshoot was introduced in 1988 by the reconstruct in 1998 betty. The audited Margins, The audited wine date in 6 date windshoot given give comparing systems become more advanced auditempts and on finall a large amount of this. Bindrift, a date wordstoon is a solutional deather that is mored on an exceptive server at most receptive server at most receptive large.

Cuts press from many selline searchs such as acciditated in forms, with page, directly streamed that storage to the and could be take analysis which can be used by betterm introlligence, decision support, or fine somethe assumer wroken analysis where or make.

#### Features Of Date Warehous

#### The major features of a data warnisons are stated below:

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- names and a relational distincts, the files, w., this integration increases the quick and proper analysis of the date.

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CERTIFICATE OF COMPLETION

### Wher is Design and Analysis Of Algorithms?

Energy and sustain of Algorithm is the branch of company actions and information solvendagy introduced for dissipant algorithms in solve various types of problems in computing.

Algorithm is a set of instructions that specifies a propose of operation to be carried out in solds to solve a requirity problem, both or observed excitations.

simple and efficient me; If we have an Hyperine for a postural problem, then we use easily implement it many programming language, which means that the algorithm is independent of programming languages.

where compared to inform ordering control characteristics Macrocome, contentiolity, recording, by , on Professionars a very important later in comparing consequence characteristics, dislation area, the larger the comparation rates the rights the control comparation. Therefore, the study of Myarithum phones the experiments to optimize comparing particulation in general.

Design had Analytic of higher filters are very important for divelying an Algorithm in red to being admission as different types of publisms in comprehensive and information maknings. The major reason of Algorithm inclusive-roles are contain an orificious and demind Algorithm in orders a particular problem in an efficient way with very minimum time and

To find whether in a particular problem, different enthals continuous as the most of demonstrate of finding with regards to done using which solves agreements as the consequence finding of the contract of t

# Features Of Bridge and Analysis Of Algorithms

The main formers and characteristics of Algorithms are as follows:

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# DEVOPS COURSE

DURATION: 2 WEEKS
FORMAT: WES-FOF FLUS VIDEO LECTURERS
CHRISTERES OF COMPLETION

#### What is DevOps?

Overlips is a direct proper colour that enhance and promotes the collaboration between the direct properties and operations to invest the requirements to display under the production function a reproduct and automated any. The result Tot Ope's a a semblication of two words which no "Overlippinet" and "Operation."

Develops serves to increase an experiencien's spend to deliver software applications and someone to allow businesses and experiences to some their outstook better and to one

En more despit harms, Devilye are be defined as the originate of the ET devilopment and operations have to better articles and assessmentation.

near area, the true house as jointly poles into single how where the enjoyee with servants while application Microfe, from the initial development and not to the depice executings, there's operations, and they divading a single of ALMs that are not limited that single limition.

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The good news is that the Ope hard margin, and done drough shall happen oversight.

Another good seven in that you don't have to wast for the instigational of the top to Mingood a large-scale initiation. By gaining and endorstanding the robust of Dev Ope and making and continuous-drough, your terminant and the Oscilipsipsimon's right map.

#### Features of DevOps

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#### Resights of DerOps

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DURATION: 2 WEEKS
ORMAT: WEBIFOF FLUS VIDEO LECTURERS
CERTIFICATE OF CONFLICTION

#### What is Desktop Publishing?

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Desktop Publishing the refers to the sac of computer and computer arithmet programs to develop v into displays of ideas and information. Busings Publishing destruction may N control for personal are or for community purposes the printing or for also bench distributions.

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#### What is Desktop Publishing?

Creating Publishing in the nother of special rate of digital fits in the proper former for publishing and printing to a more pressured one, would of the last publishing and profits design presses incommend one unique devilope printin last publishing or graphes uniforms, must not cases with design network.

Deday Publishing she refers to the set of computer uniformpoter software programs or develop visual displays of inhas and information, beating Publishing described may be containd for personal near or for communical purposes like printing or for also beats all inforted to the contract of the communical purposes like printing or for also beats all infor-

The term Trekkey Publishing is system after the development of a specific type of design schools. It is also made the continues or combine animatempt entitles interpretables for counting duplied then the printing and online vicesting or fix websites. Then to the creattion of dealers publishing surfaces, the racks involved in dealers publishing wavelene remarks by a country about the major is consistent or animal to the country that the country of the

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# Feature Of Desktop Publishing

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# DBMS COURSE

DURATION: 2 WEEKS
FORMAT: WES-FOF FLUS VIDEO LECTURERS
CHATFICATE OF COMPLETION

#### that Is DESIGN

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#### Features of DBMS

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believation in a counter than former count authority destined destine support counter query temples. When a season more in all counterface is a sectional agent to improve the command is a contraction from the high level in language interaction in a lovel or or inflammate facilities composed can authoritized and provide by perform the counterpoint filter? Inflammating, which fourth just personal and counterface the county processor also connects that procuring and constant transfer populations for each country processor also connects that procuring and constant transfer populations for each country processor.

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#### Renefits and Advantages of DEH:

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### DESCRIPTION

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CA ACCRACACION PARAMETER





DURATION: 2 WEEKS
FORMAT: WEB FOF PLUS VIDEO LECTURERS
CERTIFICATE OF COMPLETION

#### What is Digital Communication?

Digital Communication is the exchange of data in digital form. For excepts, communications data court the interest loss similar form of desired communications.

Communication is the mountaines of information from a under to a receiver through some medium. Communication and those further which in topposing amendium. A painter are after with this re-level disease electrics over the plane and thou the medium of communities, then is artificially our the safestime.

In order in understand the notion of digitaling information, it must fire be understand that executing instance, including search and images are originally or initially in making before digital cases in being. The Digital in-steeply as annualed approximation of the Analog.

most dipack, generally are analog invasion. For the communication most in the scalelisted over a distance show the ensing signals are not densigh, using difference-finispes for effects assembled a Pack induces as Digital Nazaminion.

The region for the final magnetistic from our of a story, upplies the proteins records which links but if the data datages and as interfactors, destroise an other forwards for the proteins and the story of the story politions, the signal-some digitized using different self-storyer. The digitized signals allow communications be more clear, more than an observation without course.

# Features And Characteristics Of Digital Communication

Below are some Soutern and electroscholes of digital communications

Ogini Signil-over a nedism in a language that the digital-do-iner understands.

 Speeds Speed is over of the important features of digital communication in that it is not fast, firstly past, he send a monage to animote over a fire dismocration is long-time, but in with finited communication over an extension and first enters in the dismocratical.

digital communications, you are bounder filled Max videou, images, video morely, gift, results and a which has more, thereby making communication more interesting and efficient. Also, immedial giring to indicate the different professor of advocations, you proble just used in annihold in territories.

communicate with amount and minding bloor har commit beatine as approaches analog communication.

R. Persidding Digital Communication reduce communication in the "on the got", we not longer most edge a distance to the personNet to mail a lotter to action or when we derive to our postarithal we consume to comby define such manage.

# Montples Gy Degical Communication As simula an definition, then are lateral attention of digital communication over

- made communication and an 1. Dated Communication before our reported information that has account and in a discre-
- andrew.
- 2. Englist Communication and was a disagn and charged than assisting circum.
- ---
  - i. The existence of semi-ords is very land to find in Highel Communication.
  - which is very difficult.
  - Communication to maintain the worsey of the information.
  - croscorrecting robs.
  - A spread spostrum/reclessipe it/read to arrestivelyed jamming.
  - . The configuration process of algebringmatic is control than arealing eigenful.
- 19. Biglist register-connect county served and thought sign front-connection than among register.
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#### Advances of Studiose Diolef Communication

 To broad a loss fedge and understanding of low digital information in pseudacon digital division.

2. To-book sech career in Digital Technology

 $\lambda$  To repose as to the advantages of Digital Signal Transmission over healogue Transmiss

 $\Delta$  To aid so in the knowledge of how to except and soone our information.

3. B provides job opportunities.

#### Digital Consequences Sta

How we highlight some of the things you will have in this course.

Indeed surface to Stigled Communication and Difference between Digital Signal and Starleges Nigeals.

You will be me that Biglial Ngoal involves signals in represented in three of owns a new. This signal without the emission signal has advantages blue. It Maintenand discretion.

Chromery of Information, I. Chromer to design and

. More effective since it is well-filtered to give the best or

Van vall kram che Elementa al Digital Communica I. Seano, I. Pomorioso

na DriLanceriera, curso Encodera,

Also you will leave whose the Polan Code Northings (PCN), Differential PCM, Darles Models and Advantage Annual Company of the Code State (Code State (

You will been Middiglinding which contin prompt of many signals describe a motion collect MOX to a single signal and the Ox Middiglinding which methods the convenient of some signals at \$1500.00 in once signals as

see will have the Sprand Spectrum Technology which uses broad Enquery pretervorement vignal deserts covering less dimention, has active, strong signal enough and quelles signal empter, these to divide time Enquery Elegand Spead Spectrum Ellisticand ACCC Texts.

Other was include Sempling and Emoding of signals, where Encoding entails arranging data former into produce for confer transmissed over the digital-documents are transfer. In this counter in depth suches have digital information is transmissed over ye contributionation cannot be accordant to the conference of the contribution of the conference of th

states introduction on particular or corporat.

#### Digital Communication Course Oath

Olgini Communication - Introduction Digini Communication - Numbers of Bayesia Communication - Parke Code Ma Olgini Communication - Parke Code Ma Olgini Communication - Digenitation - Digini Communication - Livin Machine Digini Communication - Livin Code - Digini Communication - Livin Code

Nation Communication - Ealis Encoding Schings Nation Communication - Ealis Elepton Nation Communication - English Medication Section

grid Commission - Frequency Nich Erying Grid Commissionin - Plear Sich Erying Grid Commissionin - Daubstere Plear Stiff Ery Grid Commissionin - Daubstere Plear Stiff Ery

Ngini Communication - Differential Please Well Exping Ngini Communication - Moreouther Theory Ngini Communication - Moreouther Theory Ngini Communication - Source Coding Thronon

igini Communication - Channel Coding Theorem Igini Communication - Error Control Coding Igini Communication - Spend Sport on Historica



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#### When is Divined Circuits:

Edgind Clerolin is the type of clerolin in which the signal must be one of two discrete levels. Each broad is interpreted context of two-defined relates the county, constit, 9.1 (a clifforc.) Digital Clerolin makes use of translates to exact legis gates in order in general facilities. Lagis: The Benders Lagis's the facilitation of Cigital destruction and Company processing.

A Cleanit is an electrical device that exercisins a path for electrical current to flow

Digital Chesalis as him assurptific to enter or substitute in quility than analog arount. It is also exaler to carry and error detention and committee with digital signals. To automate the process of designing digital circinis, explicates our Electronic Feediga summarism-EDAJ tools, a type of colleves that optimizes the logis for a slighted circuit.

The company content of a formed world, e.g., position and improved with a small of unables recommend in the and world, e.g., position and improved with its ranking form, they are approximated clean feath by a continuously varying commentured unlarge in under circuit. The radio deplied and analogo control companied opening content with an extra trible analog. A deplinion riginal is analogo improving on the discussion of information from

#### That is by Digital Cartain

#### home of the features of Biglial Circuits include

6. Openabling Mannelli The speed of a largic gare depends sortice does what objects between opplications of a largical to an input restation and the restation change in largical mate in the support extraction. In this since consideration the transition than which is the rise and fall as speed abstraction and propagation delays. Both of those times should upon the beding and increase with a structurar in local. The more improved introduced on the copies of a largic gare.

 Fast-fast The Ear-for of a logic paint in defined as the number of topols assing from similar schools that it can benefit accepted.

defined as the maximum number of sendand logic leptor that coupes and also evidably. For example, a logic gare that is specificate hour a for some 6 countries if sendand logic leptor. If this number exceeds the coupes logic level relanges contact for games and

which of half I and to E. The power is specified in MM. Lever power dissipation in a demands believe for any K.

In Proceedings of Contraction of Contraction of Contractions on the

6. Por er Impply Kappinements. Dray X. nools a contain amoust of district presents operate. The power is complied by one or more power apply voltage communication for press pin in principan the drip. Obviously law power communication is a decidable Endow're any digital X's.

Native Immunity: The noise immunity of a logic classic relate to the closels oblige to design noise colleges on its logics. It quantitative requires of noise rangin. Higher the nice rangin, better the logic circuit.

Operating Suspension Energy Organization of Society of specific plant to the companies sugging from ORCs 700°. In communication of Society 1200° in 1200° in military applications.

### Renefits Of Digital Circul

- 1. Signal Course services only only to another
- A Digital Colonia and Angus announced to a
- 3. Examinited epoch are not depochd over long distances.
- 4. Digital Signals can be avoid assily.
- 7. Digital Electronics is comparatively more immune to 'error' and 'unite'. But in season't high-specificings, a small noise can induse error in signal.
- More Digital Circuits care for filteriosed on interpreted object this helps no obtain complex contents in a smaller view.
  - The oringest any point in a Biginal Cinnal confer risker high at law; becomisor is less change of confision.
- Digital Chronia secretor reliable since in-corpor in invasions with respect to a time who as under circuit second chance with these in the annicement.
- 5. The executivistic rate in higher, with wider broadland width
- III. It is more so
  - Biglid Circuits simulate continuous functions with strings of bits, the sums bits that are send, the same accountily the austinuous signal can be represented.
- used, the more measurably the continuous viginal can be represented.

  This course will trank you receptibing you most be know about English Coronit and will also take you descript various consequentiated to Highed Coronit with Diploma Corollinate.

#### eurse Outline

Digital Circuits • Introduction Digital Circuits • Number Systems Digital Circuits • Num Commission

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Digital Circuit - Algorithmic State Machine Charts Machine Charts

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## Phot is Digital Signal Processing (DSP)?

septing that is concerned with the improvisation and scotter; of digital signals by angles large studying and exact techniques.

Digital Signal Processing works somethined signal-like value, solito, video, responsess, present, or position-that have been digitized and their emboustarily sussepation from Digital Signal Processing options into some of solito and spendageneously, some value, secrebal solice arms processing, special density collection, statistical riginal precessing, secrebal solice arms processing, special density collection, statistical riginal precessing,

### Haw Digital Signal Processing Works's

Olghel Signel Proceeding manipulates various types of signals with the immediate

These signals nevel in the presenced so that the data that they contain conclus displayed, analysed, or convenied to another type of signatural maps to model. Another detects of the content is second, high, temporation or presents and manipulate them. A divisor like the Another is lighted another takes the code world signal and terms in one due signal downs of

Digital Highed below makes to know head below the section of two could be of this is operated by the "destinguished, amplitude which the Autoria quant that is form to color in the charge parks or conjugate profitable, whereas fingular Shape information and to make a little of the comparison to asserted dilegal, that records, operation, the concease is usually as recomparison to asserted dilegal, that records, operation is not of two and video comparison. Algorithmap for comparison of order they conduct measurement and the contract of the contrac

Signals may when to colore of an analysis and a improve their quality or provide information that is not account if a terminal abbringhout world eighted on the processed in their analog from provincing signal-nightely provides the advantages of high spend and account.

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Fight Spat Proceeding with secret with dignt-life rate, selfs, takes compenses, present or position-life bors bear digital and their instancially manipulate box. Exhibit Spat Presenting applications are also all and a subspeck processing, some rate, subsidiar some arm processing, quantil density orientation, entitled signal precising.

### Haw Digitel Signal Precessing Works's

Elighed Signed Proceeding manipulates various types of signals with the immater

These signals nevel in the presenced so that the data that they contain conclus displayed, analysed, or convenied to another type of signatural maps to model. Another detects of the content is second, high, temporation or presents and manipulate them. A divisor like the Another is lighted another takes the code world signal and terms in one due signal downs of

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## Digital Signel Processing Component

Digital Signal Processing is made up of below components

Frequent Hermity. This component shows the programs the DHF will not be present, and present emolysher the signal data

ata Messanyi This works with the program messany and storm the signal information to processed.

Compute Region Title performs for mallorancing process, and maripulation by a unuing the program from the Program Memory and the rigant date from the Own Memory and the program from the Program Memory and the rigant date from the Own Memory

not to the outside world.

## phicotions of Digital Signal Processing

## lgited Higned P

There are recovered depical signal preservors first are accomplish different things, depending or the application being preferenced. Some of these are unable signal preserving, enable and relate compression, speed preserving and secupition, digital image preserving, and solar relate compression, and preserving and secupition, digital image preserving, and solar related to the compression of the compression of

There allower of fields 2007 can be applied on and before no major applications:

5. Telecommunications: This involves remaining information from one function to materials:

16. This foolists many forms of belommin subjects our remaining, refer into a granter. This includes many forms of belommin subjects our remaining, refer into a grantterminal terminal products and the subject of the su

 walls Pseuding Andre promising complex of mary divine fields, that are involved in proceeding countrie forms (Larrers, Below are major arms under processing is promition).

formille to anyone who has programed the musical quality of resorter apply with unsequent ablact, to a cylipsin-summatic, a musical plane is reconstant in a sound mader on malright other, such at tracks.

on/inschios. c. Yadi'i This involves raise advocumentations, soother some for alighose networks.

A Code London: This involve-using signals to above or other from the extraoding signed distration. We is a someone method of elegistry, information about a tensor when to found a source off off, it is involve that one of Radio, Soite, and Globa selfaction, for complex, below spectrum by remaining poles of tado were and containing framocional signal for colors from sports, from sect, and of several transmiss from sports or specified for colors and containing the specified several transmiss from sports. In section, and of several transmiss from sports, from section 1.

4. Stage Proceeding: This involves the set of agends to excep process and teachable digitated image signals. Images are algored with special characteristics. Images are a recover of a personate over special detailogs, while most agends are a mission of a principal or will time. Averday good time is, they contains grant dead of information, Visito Segreds are table.

#### Digital Nigord Processing - Stresslandon Digital Nigord Processing - Nigords Perfection Digital Nigord Processing - United CT Rigords Digital Nigord Processing - United ET Nigords

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# What is Digital Image Processing?

Equital Image Processing is the one of computing algorithms to perform image processing on algorithms part to improve image quality, ordinal manage fall information or engage and energiation of objects.

Digital basage is an image or priors conduced digitally i.e., in groups of cognission below as expectately valid plants. Digital image Prosessing deals with manipulating dear groups. Notice pixels to ediscoot the quality of the image or oracle different perspectives at to

menting, or set multimedia spacera served the pillus of the modern information accion; vely heavily see digital straps procurating.

### and the second

chees it is noting now that a road formational signal.

Any binage is a two-dimensional function, V(x,y), where x and y are equited coordinates, so this conglisted of Y or any pair of accordinates (x,y) is collective investigate of the image at

Emage is composed of a finite number of doments, such of which alumons have a periodic rates at a particular facation.

#### Types of Images

Bitars Emapt A hites image has only two possible gray values at installine 8 and 200 flow are no interestivity values. Bitary temperate and an marke for individually the prival of interest in many image processing takes. This has only two plant elements at 8 & 1.

Gregorial length Companie image has a range of value, from it in 1841 i.e., marbyland is time and have also value between that 255,00d films around the PON-sea schooling also water images. The image which associate of only black and white value is also will black

Cake Image: Britishnery image and preparate image are 2-dimensional arrays, whose as every forceion, you have see value to expressed displaced. We need more discover value for each paid to expressed a code. Typically preceded 3 values for each paid to expressed any and the last to the code.

# Advantages of Digital Image Fracening

- 1. Eso molphoro el Impo-
- 2. Enhance the quality of an image
- 3. Torsion news the digitally and it are beophysized in a matter of seconds.
- 6. Early and first treasur perimination
- v. crankon resealer

## near Processing Course Oat

Olgini Image Processing • Introduction Digital Image Processing • Report and System belooks

Digital Image Precenting - Report and System Select Digital Image Presenting - Visiony of Photography Digital Image Presenting - Anticoding and Face

Spital Image Processing • Applications and Usag Spital Image Processing • Concept of Describes

gini Inage Property - Careto Medium

Digital Image Personality • Concept of Final Digital Image Personality • Perspective Trans

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gini Image Promoting • Color-Codes Come pital Image Proposing • Obsystals to BOR1

ini Image Processing • Concept of Sampling (ni) Image Processing • Fixed Resolution

Ngthi Trage Processing - Concept of Committee Signal Trage Processing - Zooming methods

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Olgani Image Promoting - Chap Level Benefation Olgani Image Promoting - Comprised Quantization Olgani Image Promoting - DIO Performes correct Olgani Image Promoting - Commerci Efficience

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Digital Image Processing • Day La

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#### What is Digital Photography?

counts, and climin and down digital images or photographs. It requires revised different technologies used to provide elements or amounts hand photography werkers. It is made used to amount to create, publish or use digital photography on-computers and/or the later set.

of electronic photodenoises to appine images formed only a loss, which is different from an exposure on a photographic film by an among context.

critical filtroglymany lejor-of according medium. Commonly, against the best decide, a larger amount of phintegraphy mandatur using an exposure atmed an a film that model between he removed from the common ancides visiged into a full blown picture.

Elighed Plantagy upde in harisadly that digited presents by which a planta is supramed. But the contribution of demagniths and achieving plantagraphs are the same, for example, a digital summer will digeorab are dealths speed, operation, and ERO to avoid as exposure, the same as used in film plantagoraby.

## terres Of Digital Photography

Solver of a digital cases on

6. Messey: Englist concern-morp/concern-den files refer that we file as in analog. The number of poliment year are falls believe alreaderships the integer for a computer, at which year our ready polimes and diff the numery up ritherer pintern.

number of pixels, the higher the resolutions.

A Barel Made Florer mode is also haven also so Espid For and Continuor. Shoring

and the primary is them with a digital comman. Then there is also a 2-34 manufacturer by time, before the comman is oblive to take another plane.

Nythinal Comman Theor are 2 layer of 'contribution in a sensor, digital analysis of Digital commission is commander without a billion and other are, there are detailed as in 3 The same doing and

common per common to present an estimate and any year of common in a 1 to common to the common of the common common and the common comm

6. Lane Lens begin will determine here mush of a view will fit into picture. Steme asseras come with fourth from traces, which are prosents from some cermin range. The expiratory storography from soft on a wide sight fact and assemblange. More common for a state con, which picks actions in the certific of the view faster assemblance force.

our, which picks actions in the control of the streetfaster annual which to beau.

Therein beauty district control on either a substantial better such actualities of better.

## Analysis by Migrar Pennsyrapsiy

### Below are some of the benefits of Highel Photographs

- 1. Leave Cute Cite of the advantages desiralized current provide a decision to have be large to protected and convenient. There is a hour over in-range a for a long-point of time on measurable not indeed the response and will not developely principles in the self-liketion see They small only need to realize the batteries, get a reasonablely large memory and they are
- Better Startige Principaphes are now user for pleases that they have taken in their companies and in their COs, afterwise them to surthe cannot energy over and over again.
   There is no more model of long with of this and every that they might developed.
- 3. Printing Conventions: Norther bonds of using a digital cames in the fact that it can be printed a bone in some may propriet any kind of file.
- 4. White ed Brees Andrea bands of using a digital assession for the flat discourses actually
- 1. Progradus: 1/3/de-tumorum projekt populati
- ${\bf K}.$  Decommendation: It helps to discovered over journey through  ${\bf M}$ 
  - Saugharine: It helps to imple one impleasion.





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#### Wher is DJ Mining?

DV Moleg in the sequence or process of mining regarder masked reads to appear as a

commercials between anothermore. The full making of the a finte-bodies.

A M is a prior who amounts and place popular secreted made mix with sound offices to entering.

localides, a CD physic, or digital analysisty or a computer stood analy, sensitions with the addition of others uninceed amples, although it is possible to ensure our by using a count existing order pay.

Moving quicks that would fit into the locky point from stocking of decision, their providenties we wind Fig. 16 includes healthen, by they and leave. For or the first discussion, are also for auctive cover sensitive mixes us to keep densers Scottland belond to the deposition.

AND MODEL accounty about the first of an analysis on a party, a registrate, or a test rating. Ministry can also be performed from the tasks on specificities assess study. Methods of mining differ eligibly depending on the make power, that are being played.

#### coff DJ 10 year

There are many features of  ${\rm NJ}$  mixing, and below are some of the features of a  ${\rm NJ}$ 

it. Reports: The impairs in the miner are assembly used for booking up a vistal nameable with a magazinful Plasmo in to book up atthic a CTP plasmo or a companies in the mines by using the

 bapet evilubes. These topol evilubes after the 3D to delement the absence input that will give form across to the signal. When looking at your minure, both the short that is, plood after the second to the absence. This will that to your gain also known as trier.

channel. The host fixing as temporable is office flavoristic soil purpose into enable some that the lord of coursed coming from the schemolo is the same with monther one. This host way is filled about this is that if you are sould more in very fixing from this was no related that their are gain. If the stockful is two selfs, you will would be indicated that their origins.

the gain. Seat CV Minur will need Multy have 2-bands to it. The middings or mid, bubble or bi, and however loss.

 Channel's level motor: Once through the EQ, the would will work its way over to be channel's level motor which will are the signal's volume.

A. Classed up the fedow. The Enter has the appellity to reduce the inferior once the agent hints was 11 for false to desaid, the usual will arrow down. However, if the false is left upon, the world will increase. When a CH charge their tracks, they when take use of this finites to increase or discussed the second.

### Renefits of DJ Missing

## They are many reaches of the Sacong, and associal from the

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ining - The Tomoshir Tools Ining - The CS, DV-2 and Hand Deby Stude Ining - The Commissional CS Names Tools

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