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Dr. Sunil Kumar
Department of Journalism and Mass Communication
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Contents Report!

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	hindi press	hindi press history of news paper	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD
2	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	hindi press	hindi press history of news paper	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD
3	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	History of NEWS Paper	History of NEWS Paper	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD
4	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	History of English NEWS Paper	History of English NEWS Paper	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD
5	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	History of English NEWS Paper	History of English NEWS Paper	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD
6	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	media management	media management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	NOTES	DOWNLOAD
7	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	media management	media management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	NOTES	DOWNLOAD
8	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	media management	media management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	NOTES	DOWNLOAD
9	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	media management	media management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	NOTES	DOWNLOAD
10	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	media management	media management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	NOTES	DOWNLOAD
11	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	hindi press	history of news paper	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD
12	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	hindi press	hindi news paper	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD
13	Journalism & Mass Communication	Journalism & Mass Communication	MA	2 YEAR	hindi press	dainik jagran	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUNIL KUMAR	NA	TEXT	DOWNLOAD

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टापिक: हिंदी प्रेस (समाचार पत्रों का इतिहास)

डॉ. सुनील कुमार
असिस्टेंट प्रोफेसर
जनसंचार विभाग
हिंदीय पेपर
ग्रोथ एंड डेवलपमेंट ऑफ भीडिया

“जनसत्ता”

समाचार पत्र का इतिहास

शुरू: 1983 दिल्ली, कलकत्ता

प्रकाशक: इंडियन एक्सप्रेस समूह

स्वामित्व: रामनाथ गोयनका वर्तमान में विवेक गोयनका

संस्थापक: संपादक प्रभाष जोशी

वर्तमान संपादक: ओम भानवी मुकेश धाराडान (कार्यकारी संपादक)

स्लोगन: सबकी खबर ले, सबको खबर दे

जनसत्ता समाचार पत्र 16 नवंबर 1983 को दिल्ली और कलकत्ता से शुरू हुआ। यह इंडियन एक्सप्रेस ग्रुप से संबंधित है। इसके संपादक प्रभाष जोशी थे और मालिक रामनाथ गोयनका। यह समाचार पत्र जयप्रकाश नारायण (जेपी) के करीबियों से भरा पड़ा था। जब यह अखबार शुरू हुआ तो सतीश झा को सहायक संपादक बनाया गया जो जयप्रकाश नारायण जी के नज़दीकियों में से थे। मजदूर बात यह भी थी कि 6 महीने में इसकी प्रसार संख्या एक लाख तक पहुंच गई। इसका प्रमुख कारण इस अखबार की साहसिक पत्रकार थी। इस अखबार के संपादकीय पेज पर स्तंभ कारों के खुले विचार प्रासंगिक होते थे, यही नहीं अपेक्षा अखबारों में छपने वाली बिजनेस से जुड़ी खबरों को हिंदी में पढ़ने का मौका भी इस अखबार में मिलता था।

DR MANOJ MISHRA
Department of Journalism & Mass Communication
Total -7

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The screenshot shows a web browser window with the URL heecontent.upsdc.gov.in/SearchContent.aspx. The page displays a search results table titled "Contents Report!". The table has 11 columns: SNo, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. There are 7 rows of data, all created by DR MANOJ MISHRA at Veer Bahadur Singh Purvanchal University, Jaunpur. The documents are available for download in PPT or TEXT format.

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	History of the Media	Journalism	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ MISHRA	NA	PPT	DOWNLOAD
2	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	communication	science and communication	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ MISHRA	NA	TEXT	DOWNLOAD
3	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	fundamentals right	fundamentals right	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ MISHRA	NA	PPT	DOWNLOAD
4	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	Freedom of speech and expression	Freedom of speech and expression	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ MISHRA	NA	PPT	DOWNLOAD
5	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	scientific communication	scientific communication	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ MISHRA	NA	TEXT	DOWNLOAD
6	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	communication research	communication research	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ MISHRA	NA	PPT	DOWNLOAD
7	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	communication research	definition of research communication	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ MISHRA	NA	PPT	DOWNLOAD

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विषय - जनसंचार
शीर्षक - पत्रकारिता का नीतिशास्त्र
संकलन एवं प्रस्तुति
डॉ मनोज मिश्र

Dr Awadh Bihari Singh

Department of Journalism & Mass Communication

Total-2

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The screenshot shows the website's search interface. At the top, there are navigation links: HOME, MESSAGE FROM ACS(HE), LOGIN, and ARTICLES. The main search area has a text input field with a search button and a cancel button. Below this is a 'Contents Report' section with an 'Export To Excel' button. The report contains a table with the following data:

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	advertisement and copy platform	advertisement	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADH BIHARI SINGH	NA	TEXT	DOWNLOAD
2	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	advertisement and copy platform	advertisement	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADH BIHARI SINGH	NA	TEXT	DOWNLOAD

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विज्ञापन में एडवरटाइजिंग पिरामिड का महत्व

डॉ. अवध बिहारी सिंह
असिस्टेंट प्रोफेसर
जनसंचार विभाग
वीर.बहादुर सिंह पूर्वांचल विश्वविद्यालय, जौनपुर

महत्वपूर्ण शब्द: एडवरटाइजिंग पिरामिड

विज्ञापन सूचना एवं संचार का सशक्त माध्यम बनकर मानवीय गतिविधि के हर क्षेत्र में जनमानस को प्रभावित किया है। वर्तमान आर्थिक प्रक्रिया में इसका विशिष्ट स्थान है। विज्ञापन विपणन के क्षेत्र में एक शक्तिशाली औजार के रूप में कार्य करता है। किसी विक्रेता के लिए लक्ष्य उपभोक्ताओं को अपने उत्पाद, विचार या सेवा के संबंध में समझाने- मनाने का विज्ञापन सबसे सहज एवं प्रभावी माध्यम है। विज्ञापन बाजार तक पहुंचने का शॉर्ट-कट तरीका हो गया है। मानव जीवन का अभिन्न अंग बन कर विज्ञापन ने लोगों के रहन-सहन, खान-पान, जीवन शैली तथा मानसिकता को भी प्रभावित किया है। यह लोगों को शिक्षित तथा सुसंस्कृत बनाया है। इसने लोगों के जीवन में नया रंग भर दिया है। धर का स्वरूप बदला है और ऐसी सभ्यता को पैदा किया है जिसका लक्ष्य ही लोगों को संतोष एवं तृप्ति प्रदान करना है। विज्ञापनों का दूरगामी संदेश है लोग परिश्रम करें खूब कमाएं और गरीबी, अंधविश्वास तथा जड़ता से बाहर आकर जीवन में नवीनता का संचार करें। विज्ञापन अर्थव्यवस्था को नया आयाम एवं विस्तार देता है तभी तो रूस और चीन जैसे साम्यवादी अर्थव्यवस्था वाले देशों ने भी इसके योगदान एवं प्रभाव को नकार नहीं सके। चीन तो अपने सस्ते सामानों का दुनिया के बाजार में सुनियोजित ढंग से विज्ञापन कर उनकी मांग बढ़ाकर लगातार विश्व बाजार में अपने सामानों की मजबूत पकड़ बनाता जा रहा है। इससे अमेरिका जैसा शक्तिशाली राष्ट्र भी चिंतित है। विज्ञापन न केवल औद्योगिक विकास में ही नहीं वरन हरित एवं श्वेत क्रांति के क्षेत्र में भी प्रभावी योगदान दे रहा है। कृषि एवं पशुपालन के विज्ञापनों से ही जागरूक एवं प्रभावित होकर हमारे देश के कृषकों ने नए किस्म के विकसित बीजों, खादों, कीटनाशक दवाओं, कृषि यंत्रों, नई नस्ल की गायों, भैंसों तथा पशु आहारों को अपना कर भारत को खाद्यान्न एवं दुग्ध उत्पादन में आत्मनिर्भर बनाया।

विज्ञापन बाजार में प्रतिस्पर्धा पैदा करके अच्छी वस्तुओं के निर्माण का मार्ग प्रशस्त करता है। आकर्षक विज्ञापन ग्राहकों को आकर्षित करके वस्तु की मांग बढ़ाता है। फलस्वरूप कारखानों में बड़े स्तर पर वस्तुओं का उत्पादन होने से वस्तु की प्रति इकाई मूल्य में भी कमी आती है। इस तरह विज्ञापन कम कीमत में अच्छी वस्तुएं लोगों तक पहुंचाने का मार्ग भी प्रशस्त करता है। लोक सेवा के विज्ञापन पर्यावरण सुरक्षा, शिक्षा, स्वच्छता, स्वास्थ्य, परिवार कल्याण तथा समाज विरोधी गतिविधियों आदि के प्रति जागरूक एवं शिक्षित करके जनमानस को समाज एवं देश हित में कार्य करके अच्छा नागरिक बनने के लिए प्रेरित करता है। आज पूरा विश्व कोरोना महामारी से प्रभावित है। बड़े-बड़े विकसित राष्ट्र कोरोना महामारी के चलते अस्त व्यस्त हो चुके हैं। ऐसे में विभिन्न जनमाध्यमों के इस महामारी से बचाव संबंधी लोकसेवा परक विज्ञापनों ने भारतीय जनमानस को मास्क लगाने एवं बनाने, बार-बार 20 सेकंड तक साबुन से हाथ धोने, दो गज की शारीरिक दूरी जरूरी तथा प्रतिरोधक क्षमता बढ़ाने के संबंध में इतना जागरूक एवं शिक्षित कर दिया है कि वे इन बचाव के तरीकों को अपना कर कोरोना महामारी से जंग जीतने के लिए तैयार हैं।

आज भूमंडलीकरण, आर्थिक उदारीकरण, तथा औद्योगिकीकरण के दौर में स्वदेशी तथा बाह्यगुट्टा कंपनियों के बीच गला काट प्रतिस्पर्धा है। हर कंपनी अपने उत्पाद को विभिन्न जन माध्यमों से विज्ञापन के द्वारा लोकप्रिय बनाकर बाजार में अपनी साख एवं पकड़ बनाने के लिए निरंतर प्रयासरत है। सुविचारित तथा सुनियोजित ढंग से बनाया गया विज्ञापन ही ग्राहकों को आकर्षित करता है। विज्ञापन एक कलात्मक एवं सृजनात्मक कार्य है। इसे अच्छी विज्ञापन एजेंसी कुशलता से संपादित करती

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Dr. Digvijay Singh

Department of Journalism and Mass Communication

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1	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	communication	traditional mass communication	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DIGVIJAY SINGH	NA	TEXT	DOWNLOAD
2	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	communication	communication	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DIGVIJAY SINGH	NA	TEXT	DOWNLOAD
3	Journalism & Mass Communication	Journalism & Mass Communication	MA	1 YEAR	communication	definition of communication	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DIGVIJAY SINGH	NA	TEXT	DOWNLOAD

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जनसंचार विभाग
वीर बहादुर सिंह पूर्वांचल विश्वविद्यालय
जौनपुर.

सृष्टि के प्रारम्भ से जब से मानव की उत्पत्ति हुई तब से उसने अपनी इच्छाओं, संवेगों-भावनाओं एवं आवश्यकताओं को मूर्त रूप प्रदान करने हेतु हाव-भावों का प्रयोग किया जो कालान्तर में भाषा के रूप में विकसित हुई। भाषा ने ही मानव के सामाजिक एवं सांस्कृतिक जीवन को संभव बनाया। मनुष्य एक सामाजिक प्राणी है। उसके लिए बिना किसी संचार के जीवित रहना असंभव है। हम परिवार, समाज एवं समूह में अपना जीवन व्यतीत करते हैं। इसमें ही स्थिति और आवश्यकतानुसार परस्पर संचार करते रहते हैं। जिस प्रकार हमारी आवश्यकताएं असीमित हैं उसी प्रकार से संचार के उद्देश्य भी असीमित हैं। मानव अपने प्रारम्भिक काल से ही अपने विचारों को अन्य क्षेत्र और स्तर तक पहुंचाने के लिए प्रयासरत रहा है। विचारों, सूचनाओं, भावनाओं के निरन्तर अभिव्यक्ति से ही हमारे समय जीवन मूल्यों और संस्कृति की संरचना होती है। सूचना की भूख एवं संचार से जनसंचार के असीमित संदेश प्रवाह के कारण दूसरों तक संदेश पहुंचाने के अनेक आधुनिक साधनों का विकास मानव ने कर लिया है।

21वीं सदी में जनमाध्यमों का क्षितिज अपने देश में एवं अन्तर्राष्ट्रीय क्षेत्रों में बहुत बढ़ गया है। समाज का हर वर्ग बच्चे, महिला, नौजवान एवं वृद्ध जनमाध्यमों से जुड़े हुए हैं। पहले कभी भी इतनी सूचना, इतनी आसानी से, इतने क्षेत्रों में, इतने कम समय में, इतने लोगों तक उपलब्ध नहीं थी। जनमाध्यमों के द्वारा सूचना की पहुंच, प्रभाव, दायरा और विविधता में अद्भुत वृद्धि हुई है। आधुनिक जनसंचार माध्यमों के पूर्व हमारे समाज में परम्परागत संचार माध्यम जैसे लोकनृत्य, लोक कथाओं, लोक गीत

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Prof. Avinash D. Pathardikar Department of Management Total-3

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The main content area is titled "Contents Report!" and features a table with the following data:

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Management	Management	MBA	3 SEMESTER	Occupational Stress	Occupational Stress	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AVINASH D PATHARDIKAR	NA	TEXT	DOWNLOAD
2	Management	Management	MBA	2 SEMESTER	Approach of Leadership	Approach of Leadership	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AVINASH D PATHARDIKAR	NA	PPT	AUDIO/VIDEO
3	Management	Management	MBA	3 SEMESTER	Behavioural Approach of Leadership	Behavioural Approach of Leadership	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AVINASH D PATHARDIKAR	NA	PPT	AUDIO/VIDEO

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Occupational Stress: An Introduction

Prof. Avinash D. Pathardikar
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Module-1:

Learning objective: After reading this module the student will get an idea about occupational stress, its symptoms in a stressful employee. Student in supervisory role in future, would have some idea about physiological, psychological and emotional symptoms in their subordinates.

INTRODUCTION

Stress is a feeling of emotional and physical tension. Arise, due to any event/thought, makes someone feel frustrated, nervous, or angry. It is a body's reaction to a demand or challenge or demand. In other words, stress is the reaction people have to excessive pressures or other types of demand placed upon them. It arises when they worry that they cannot cope.

It has both positive and negative outcomes. Positive outcomes of stress help avoid dangers or meet deadlines while adverse outcomes develop anxiety, frustration, tension, lower productivity, and other psychological and physiological disorders. Stress is the "wear and tear" our minds and bodies experience as we attempt to cope with our continually changing environment.

OCCUPATIONAL STRESS

It is a state of mind that is related to the occupation, job, or workplace. Usually arises from work pressures. The person does not cope with the pressure with his knowledge, skills, and

Dr Ashutosh Kumar Singh Department of Business Economics Total-2

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Management	Management	BUSINESS ECONOMICS	3 SEMESTER	PRICING	PRICING	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR ASHUTOSH KUMAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
2	Management	Management	BUSINESS ECONOMICS	1 SEMESTER	Distribution Channel Management	Distribution Channel Management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR ASHUTOSH KUMAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

**E Content
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Pricing**

STREAM: MANAGEMENT

SUBJECT: MARKETING

TOPIC: PRICING

Developed By:

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singh74ashu@gmail.com
9451465844**

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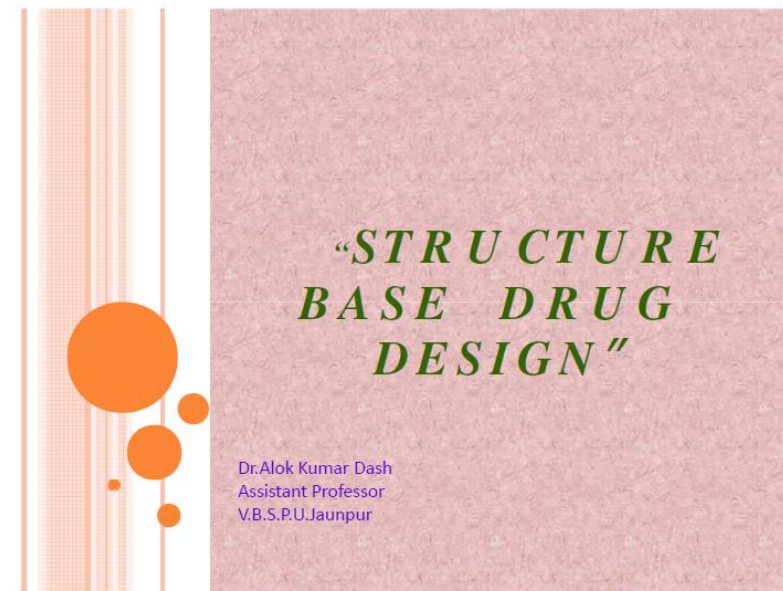
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	drug design	DRUG DESIGN	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR ALOK DASH	NA	PPT	DOWNLOAD
2	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	INDUSTRIAL PHARMACY II	Quantative Structure Activity Relationships	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR ALOK DASH	NA	PPT	DOWNLOAD

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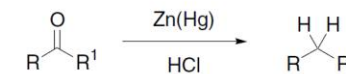
SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Medical and Paramedical	B PHARMA	BPHARM	3 SEMESTER	PHARMACOGNOSY AND PHYTOCHEMISTRY II	Clemmensen reduction	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	JHANSI MISHRA	NA	TEXT	DOWNLOAD
2	Medical and Paramedical	B PHARMA	BPHARM	3 SEMESTER	PHARMACOGNOSY AND PHYTOCHEMISTRY II	Heterocyclic CHEMISTRY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	JHANSI MISHRA	NA	PPT	DOWNLOAD

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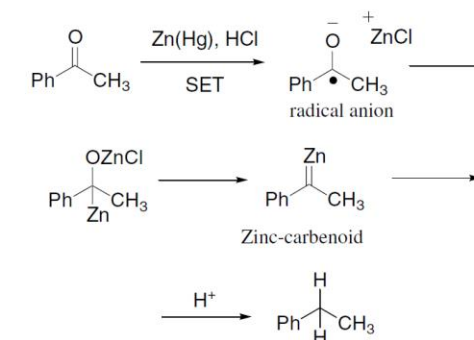
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Clemmensen reduction

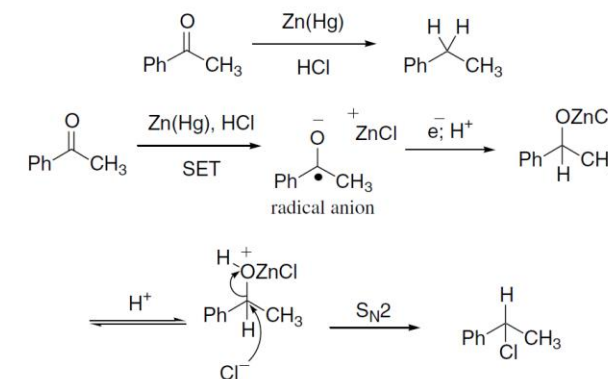
Reduction of aldehydes and ketones to the corresponding methylene compounds using amalgamated zinc and hydrogen chloride.



The zinc-carbenoid mechanism:⁶



The radical anion mechanism:



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Contents report:

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	PHARMACOGNOSY AND PHYTOCHEMISTRY II	EXTRACTION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	PPT	DOWNLOAD
2	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	TECHNIQUE OF VOLUMETRIC ANALYSIS	TECHNIQUE OF VOLUMETRIC ANALYSIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
3	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	VOLUMETRIC ANALYSIS	VOLUMETRIC ANALYSIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
4	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	VOLUMETRIC APPARATUS	VOLUMETRIC APPARATUS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
5	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	ACCURACY PRECISION	ACCURACY PRECISION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
6	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	Aqueous Titrations Assay of Drugs	Aqueous Titrations Assay of Drugs	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
7	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	AQUEOUS TITRATIONS	AQUEOUS TITRATIONS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
8	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	ERRORS IN PHARMACEUTICAL ANALYSIS	ERRORS IN PHARMACEUTICAL ANALYSIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
9	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	MINIMISING SYSTEMATIC ERRORS	MINIMISING SYSTEMATIC ERRORS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
10	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	SIGNIFICANT FIGURES	SIGNIFICANT FIGURES	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
11	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	THEORY OF ACIDIMETRY	THEORY OF ACIDIMETRY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
12	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	THEORY OF ALKALIMETRY	THEORY OF ALKALIMETRY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD
13	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	Antidiabetics	Antidiabetics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DHARMENDRA SINGH	NA	TEXT	DOWNLOAD

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EXTRACTION

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1

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Department of B.Pharma
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	SOLUBILITY	SOLUBILITY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VINAY KUMAR	NA	PPT	DOWNLOAD
2	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	precipitation titration	precipitation titration	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VINAY KUMAR	NA	PPT	DOWNLOAD
3	Medical and Paramedical	B PHARMA	BPHARM	4 SEMESTER	natural products	natural products	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VINAY	NA	TEXT	DOWNLOAD

SOLUBILITY

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SOLUBILITY

Prepared By : - Dr. Vinay Verma (Asst. Professor)
Institute of Pharmacy
Veer Bahadur Singh Purvanchal University

VIJAY BAHADUR MAURYA

Department of B.Pharma

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Contents report:

SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	pond ecosystem	pond ecosystem	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
2	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	WHO guidelines for sampling of pharmaceutical products and related materials	WHO guidelines for sampling of pharmaceutical products and related materials	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
3	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	pharmaceutical product recall	pharmaceutical product recall	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
4	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	pharmaceutical product recall	pharmaceutical product recall	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
5	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	pharmaceutical product recall	Pharmaceutical Product Recall	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
6	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	Desert Ecosystem	Desert Ecosystem	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
7	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	Ecosystem	Ecosystem 1	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
8	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	Ecosystem	Ecosystem 2	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
9	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	forest ecosystem	forest ecosystem	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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Pond Ecosystem

An ecosystem is a dynamic complex of plant, animal, and microorganism communities and the nonliving environment, interacting as a functional unit. Remember that the organisms living in an ecosystem are broken down into categories: producers, consumers, and decomposers.

A pond is a quiet body of water that is too small for wave action and too shallow for major temperature differences from top to bottom. It usually has a muddy or silty bottom with aquatic plants around the edges and throughout. However, it is often difficult to classify the differences between a pond and a lake, since the two terms are artificial and the ecosystems really exist on a continuum. Generally, in a pond, the temperature changes with the air temperature and is relatively uniform. Lakes are similar to ponds, but because they are larger, temperature layering or stratification takes place in summer and winter, and these layers turnover in spring and fall.

Ponds get their energy from the sun. As with other ecosystems, plants are the primary producers. The chlorophyll in aquatic plants captures energy from the sun to convert carbon dioxide and water to organic compounds and oxygen through the process of photosynthesis. Nitrogen and phosphorus are important nutrients for plants. The addition of these substances may increase primary productivity. However, too many nutrients can cause algal blooms, leading to eutrophication (Read Ponds & Eutrophication for more information).

Producers

- **Phytoplankton**, literally "wandering plants," are microscopic algae that float in the open water and give it a green appearance. They carry out photosynthesis using carbon dioxide that is dissolved in the water and release oxygen that is used by the bacteria and animals in the pond. Phytoplankton are not actual plants—they are protists!
- **Periphytic algae** are microscopic algae that attach themselves to substrates and give the rocks and sticks a greenish brown slimy appearance. They also carry out photosynthesis and produce oxygen, often near the bottom of the pond where it can be used by decomposers.
- **Submerged plants** grow completely under water
- **Floating plants** include plants that float on the surface and plants that are rooted on the bottom of the pond but have leaves and/or stems that float.
- **Emergent plants** are rooted in shallow water but their stems and leaves are above water



Sushil Shukla

Department of Mathematics Total-25

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Mathematics	BTECH	3 SEMESTER	Roots of Polynomial and Transcendental Equation	Roots of Polynomial and Transcendental Equation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SUSHIL SHUKLA	NA	TEXT	DOWNLOAD
2	Science	Mathematics	BTECH	3 SEMESTER	Finite Differences	Finite Differences	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SUSHIL SHUKLA	NA	TEXT	DOWNLOAD
3	Science	Mathematics	BTECH	3 SEMESTER	Interpolation	Interpolation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SUSHIL SHUKLA	NA	TEXT	DOWNLOAD

Lecture -1(Roots of Polynomial and Transcendental Equation)

- Teacher's Name
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 - University Name
 - Teacher's Mob No.
 - Teacher's Email id
 - Declaration :
- Dr. Sushil Shukla
 - Mathematics
 - VBS Purvanchal University Jaunpur
 - 6387987133
 - sushilcws@gmail.com
 - The study material provided in this lecture is original.

Deepak Singh

Department of Physics

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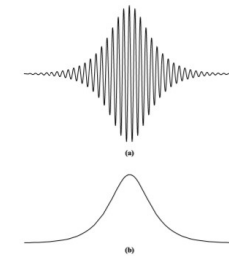
Unit – 02

Topic Covered: Introduction of Soliton Systems

Solitons:

Solitons are narrow pulses with high peak powers and special shapes. The most commonly used soliton pulses are called fundamental solitons. The shape of these pulses is shown in Figure below most pulses undergo broadening (spreading in time) due to group velocity dispersion when propagating through optical fiber. However, the soliton pulses take advantage of nonlinear effects in silica, specifically self-phase modulation, to overcome the pulse-broadening effects of group velocity dispersion. Thus these pulses can propagate for long distances with no change in shape. A pulse propagates with the group velocity $1/\beta_1$ along the fiber, and in general, because of the effects of group velocity dispersion, the pulse progressively broadens as it propagates. If $\beta_2 = 0$, all pulse shapes propagate without broadening, but if $\beta_2 \neq 0$, is there any pulse shape that propagates without broadening? If the chirp parameter of the pulse has the right sign (opposite to that of β_2), the pulse initially undergoes compression. This happens in all cases where the chirp is independent of the pulse envelope. However, when the chirp is induced by SPM, the degree of chirp depends on the pulse envelope. If the relative effects of SPM and GVD are controlled just right, and the appropriate pulse shape is chosen, the pulse compression effect undergone by chirped pulses can exactly offset the pulse-broadening effect of dispersion. The pulse shapes for which this balance between pulse compression and broadening occurs so that the pulse either undergoes no change in shape or undergoes periodic changes in shape only are called solitons. The family of pulses that undergo no change in shape are called fundamental solitons, and those that undergo periodic changes in shape are called higher-order solitons.

Fig (a) a fundamental soliton pulse and (b) its envelope.



Significances of Solitons Pulses:

- The significance of solitons for optical communication is that they overcome the detrimental effects of chromatic dispersion completely. Optical amplifiers can be used at periodic intervals along the fiber so that the attenuation undergone by the pulses is not significant, and the higher powers and the consequent soliton properties of the pulses are maintained.
- Solitons and optical amplifiers, when used together, offer the promise of very high-bit rate, repeaterless data transmission over very large distances. By the combined use of solitons and erbium-doped fiber amplifiers, repeaterless data transmission at a bit rate of 80 Gb/s over a distance of 10,000 km has been demonstrated in the laboratory.
- The use of soliton pulses is key to realizing the very high bit rates required in OTDM systems.
- The main advantage of soliton systems is their relative immunity to fiber dispersion, which in turn allows transmission at high speeds of a few tens of gigabits per second.

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2	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	4 SEMESTER	ELECTRONICS AND COMMUNICATION ENGINEERING	Wavelength Converters	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEPAK SINGH	NA	TEXT	DOWNLOAD
3	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	4 SEMESTER	ELECTRONICS AND COMMUNICATION ENGINEERING	Tunable Lasers Switches	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEPAK SINGH	NA	TEXT	DOWNLOAD
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7	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	Ecosystem	Ecosystem 1	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
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11	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	cGMPs According to US FDA	cGMPs according to us FDA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
12	Medical and Paramedical	B PHARMA	BPHARM	5 SEMESTER	code of federal regulations	code of federal regulations	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VIJAY BAHADUR MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
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Pond Ecosystem

An ecosystem is a dynamic complex of plant, animal, and microorganism communities and the nonliving environment, interacting as a functional unit. Remember that the organisms living in an ecosystem are broken down into categories: producers, consumers, and decomposers.

A pond is a quiet body of water that is too small for wave action and too shallow for major temperature differences from top to bottom. It usually has a muddy or silty bottom with aquatic plants around the edges and throughout. However, it is often difficult to classify the differences between a pond and a lake, since the two terms are artificial and the ecosystems really exist on a continuum. Generally, in a pond, the temperature changes with the air temperature and is relatively uniform. Lakes are similar to ponds, but because they are larger, temperature layering or stratification takes place in summer and winter, and these layers turnover in spring and fall.

Ponds get their energy from the sun. As with other ecosystems, plants are the primary producers. The chlorophyll in aquatic plants captures energy from the sun to convert carbon dioxide and water to organic compounds and oxygen through the process of photosynthesis. Nitrogen and phosphorus are important nutrients for plants. The addition of these substances may increase primary productivity. However, too many nutrients can cause algal blooms, leading to eutrophication (Read Ponds & Eutrophication for more information).

Producers

- **Phytoplankton**, literally "wandering plants," are microscopic algae that float in the open water and give it a green appearance. They carry out photosynthesis using carbon dioxide that is dissolved in the water and release oxygen that is used by the bacteria and animals in the pond. Phytoplankton are not actually plants—they are protists!
- **Periphytic algae** are microscopic algae that attach themselves to substrates and give the rocks and sticks a greenish brown slimy appearance. They also carry out photosynthesis and produce oxygen, often near the bottom of the pond where it can be used by decomposers.
- **Submerged plants** grow completely under water.
- **Floating plants** include plants that float on the surface and plants that are rooted on the bottom of the pond but have leaves and/or stems that float.
- **Emergent plants** are rooted in shallow water but their stems and leaves are above water.



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Department of Computer Applications

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1	Science	Computer Science	MCA	2 SEMESTER	MCA	Introduction to java	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MUNINDRA KUMAR SINGH	NA	TEXT	DOWNLOAD
2	Science	Computer Science	BCA	4 SEMESTER	BCA	IP ADDRESS AND IPV4 HEADER	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MUNINDRA KUMAR SINGH	NA	TEXT	DOWNLOAD
3	Science	Computer Science	BCA	4 SEMESTER	BCA	FEATUTRES OF JAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MUNINDRA KUMAR SINGH	NA	TEXT	DOWNLOAD
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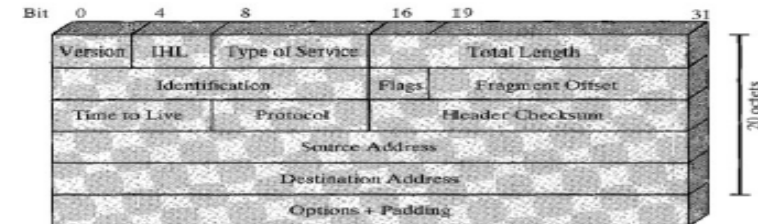
IP ADDRESS AND IPV4 HEADER

IP Address:

Each computer in a TCP/IP network must be given a unique identifier, or IP address. This address, which operates at Layer 3, allows one computer to locate another computer on a network. All computers also have a unique physical address, which is known as a MAC address. These are assigned by the manufacturer of the NIC. MAC addresses operate at Layer 2 of the OSI model.

An IP address (IPv4) is a 32-bit sequence of ones and zeros. To make the IP address easier to work with, it is usually written as four decimal numbers separated by periods. For example, an IP address of one computer is 192.168.1.2. Another computer might have the address 128.10.2.1. This is called the dotted decimal format. Each part of the address is called an octet because it is made up of eight binary digits. For example, the IP address 192.168.1.8 would be 11000000.10101000.00000001.00001000 in binary notation. The dotted decimal notation is an easier method to understand than the binary ones and zeros method. This dotted decimal notation also prevents a large number of transposition errors that would result if only the binary numbers were used.

Ipv4 Header:



Version:(4 bits): Indicates the version number, to allow evolution of the protocol.

Internet Header Length(IHL, 4 bits): Length of header in 32 bit words. The minimum value is five for a minimum header length of 20 octets.

Type-of-Service :

The Type-of-Service field contains an 8-bit binary value that is used to determine the priority of each packet. This value enables a Quality-of-Service (QoS) mechanism to be applied to high priority packets, such as those carrying telephony voice data. The router processing the packets can be configured to decide which packet it is to forward first based on the Type-of-Service value.

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Department of Computer Application
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1	Science	Computer Science	Master of Computer Applications MCA	2 SEMESTER	Methods of Handling Deadlocks	Methods of Handling Deadlocks	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SANJEEV GANGWAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
2	Science	Computer Science	Master of Computer Applications MCA	3 SEMESTER	operating system	Deadlocks	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SANJEEV GANGWAR	NA	TEXT	DOWNLOAD
3	Science	Computer Science	Master of Computer Applications MCA	3 SEMESTER	operating system	Memory Management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SANJEEV GANGWAR	NA	TEXT	DOWNLOAD
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5	Science	Computer Science	BCA	3 SEMESTER	MCA	Scheduling Algorithm	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SANJEEV GANGWAR	NA	PPT	DOWNLOAD
6	Science	Computer Science	BCA	3 SEMESTER	operating system	Operating System	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SANJEEV GANGWAR	NA	PPT	DOWNLOAD
7	Science	Computer Science	Master of Computer Applications MCA	2 SEMESTER	File System Management	File System Management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SANJEEV GANGWAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
8	Science	Computer Science	Master of Computer Applications MCA	3 SEMESTER	Operating System Page Replacement Algorithms	Operating System Page Replacement Algorithms	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SANJEEV GANGWAR	NA	TEXT	DOWNLOAD
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Operating System: Methods of Handling Deadlocks

Prepared By:

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Assistant Professor,

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Dileep Kumar Yadav

Department of Engineering

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1	Science	Computer Science	BTECH	4 SEMESTER	distributed database	Distributed Database	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Computer Science	BTECH	7 SEMESTER	International Data Encryption Algorithm	International Data Encryption Algorithm	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Computer Science	BTECH	7 SEMESTER	Cryptography and Network Security Introduction to network security	symmetric key cryptography	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	NA	PPT	DOWNLOAD
4	Science	Computer Science	BTECH	8 SEMESTER	distributed database	distributed database	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	NA	PPT	DOWNLOAD
5	Science	Computer Science	BTECH	7 SEMESTER	Double DES and Triple DES	Double DES and Triple DES	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	NA	PPT	DOWNLOAD
6	Science	Computer Science	BTECH	7 SEMESTER	Data Encryption Standard	Data Encryption Standard	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	NA	PPT	DOWNLOAD
7	Science	Computer Science	BTECH	6 SEMESTER	BTECH	Cryptography and Network Security	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	NA	PPT	DOWNLOAD
8	Science	Computer Science	BTECH	6 SEMESTER	BTECH	Distributed Database	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	NA	PPT	DOWNLOAD
9	Science	Computer Science	BTECH	6 SEMESTER	BTECH	Cryptography	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	NA	PPT	DOWNLOAD
10	Science	Computer Science	BTECH	7 SEMESTER	Asymmetric Key Cryptography	Asymmetric Key Cryptography	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DILEEP KUMAR YADAV	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

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for final year students of CSE and IT

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2	Science	Physics	MSc	1 YEAR	MSc	Bipolar Junction Diode	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD
3	Science	Physics	MSc	2 YEAR	Bipolar Junction Diode	Bipolar Junction Diode	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD
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5	Science	Physics	MSc	2 YEAR	Bipolar Junction Diode	Bipolar Junction Diode	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD
6	Science	Physics	MSc	2 YEAR	Diode Equation	Diode Equation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD
7	Science	Physics	MSc	2 YEAR	Gunn Diode	Gunn Diode	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD
8	Science	Physics	MSc	2 YEAR	Microwave Transistor	Microwave Transistor	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD
9	Science	Physics	MSc	2 YEAR	Bipolar Junction Diode	notes on bipolar junction diod	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD
10	Science	Physics	MSc	2 YEAR	THE THEORY OF XRAY DIFFRACTIONIII	SCHOTTKY DIODE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF DEVRAJ SINGH	NA	NOTES	DOWNLOAD

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NOTES ON
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→ The Gunn diode is named after a researcher at IBM, who in 1963 is credited with having been first person to notice the effect.

→ The mechanism behind the transferred electron effect was first published by Ridley and Watkins in a research paper in year 1961. Further, the work was progressed by Holsum in 1962 and then in 1963 John Battiscombe and J.B. GUNN independently observed the first transferred electron oscillation using Gallium Arsenide (GaAs) semiconductors.

→ Gunn diodes provides an easy and useful method of generating microwave signals, simply by pacing the Gunn diode in a resonant waveguide cavity and applying a voltage to the diode, it is able to generate the signal.

→ GUNN DIODE ?

o Gunn diode is a transferred electronic device, which is composed of only one type of semiconductor i.e., N-type and utilizes the negative resistance characteristics to generate current at high frequencies. It is used to generate RF and microwave frequencies.

o It is composed of only N-type semiconductor because N-type semiconductor has electrons as majority carriers and the transfer electron devices use such materials which have electrons as majority charge carriers.

The symbol of Gunn diode is shown in Fig. 1




Fig. 1. Symbol of Gunn diode

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Department of Computer Science

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2	Science	Computer Science	MCA	2 SEMESTER	MCA	Stereoscopic and virtualreality systems	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
3	Science	Computer Science	MCA	2 SEMESTER	MCA	Points and Lines	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
4	Science	Computer Science	MCA	2 SEMESTER	MCA	Transformation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
5	Science	Computer Science	MCA	2 SEMESTER	MCA	windowing and Clipping	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
6	Science	Computer Science	BCA	5 SEMESTER	BCA	ECommerce Security Systems	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
7	Science	Computer Science	BCA	5 SEMESTER	BCA	Security Issues in ECommerce	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
8	Science	Computer Science	BCA	5 SEMESTER	BCA	What is ECommerce	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
9	Science	Computer Science	BCA	5 SEMESTER	BCA	Electronic Data Interchange	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
10	Science	Computer Science	BCA	5 SEMESTER	BCA	Security of ECommerce	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD
11	Science	Computer Science	BCA	5 SEMESTER	BCA	Payment in ECommerce	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PANKAJ KUMAR	NA	TEXT	DOWNLOAD

What is computer Graphics?

Computer graphics is an art of drawing pictures, lines, charts, etc. using computers with the help of programming. Computer graphics image is made up of number of pixels. Pixel is the smallest addressable graphical unit represented on the computer screen.

Introduction

- Computer is information processing machine. User needs to communicate with computer and the computer graphics is one of the most effective and commonly used ways of communication with the user.
- It displays the information in the form of graphical objects such as pictures, charts, diagram and graphs.
- Graphical objects convey more information in less time and easily understandable formats for example statically graph shown in stock exchange.
- In computer graphics picture or graphics objects are presented as a collection of discrete pixels.
- We can control intensity and color of pixel which decide how picture look like.
- The special procedure determines which pixel will provide the best approximation to the desired picture or graphics object this process is known as **Rasterization**.
- The process of representing continuous picture or graphics object as a collection of discrete pixels is called **Scan Conversion**.

Advantages of computer graphics

- Computer graphics is one of the most effective and commonly used ways of communication with computer.
- It provides tools for producing picture of "real-world" as well as synthetic objects such as mathematical surfaces in 4D and of data that have no inherent geometry such as survey result.
- It has ability to show moving pictures thus possible to produce animations with computer graphics.
- With the use of computer graphics we can control the animation by adjusting the speed, portion of picture in view the amount of detail shown and so on.
- It provides tools called motion dynamics. In which user can move objects as well as observes as per requirement for example walk throw made by builder to show flat interior and surrounding.
- It provides facility called update dynamics. With this we can change the shape color and other properties of object.
- Now in recent development of digital signal processing and audio synthesis chip the interactive graphics can now provide audio feedback along with the graphical feed backs.

Application of computer graphics

- User interface: - Visual object which we observe on screen which communicates with user is one of the most useful applications of the computer graphics.
- Plotting of graphics and chart in industry, business, government and educational organizations drawing like bars, pie-charts, histogram's are very useful for quick and good decision making.
- Office automation and desktop publishing: - It is used for creation and dissemination of information. It is used in in-house creation and printing of documents which contains text, tables, graphs and other forms of drawn or scanned images or picture.
- Computer aided drafting and design: - It uses graphics to design components and system such as automobile bodies structures of building etc.

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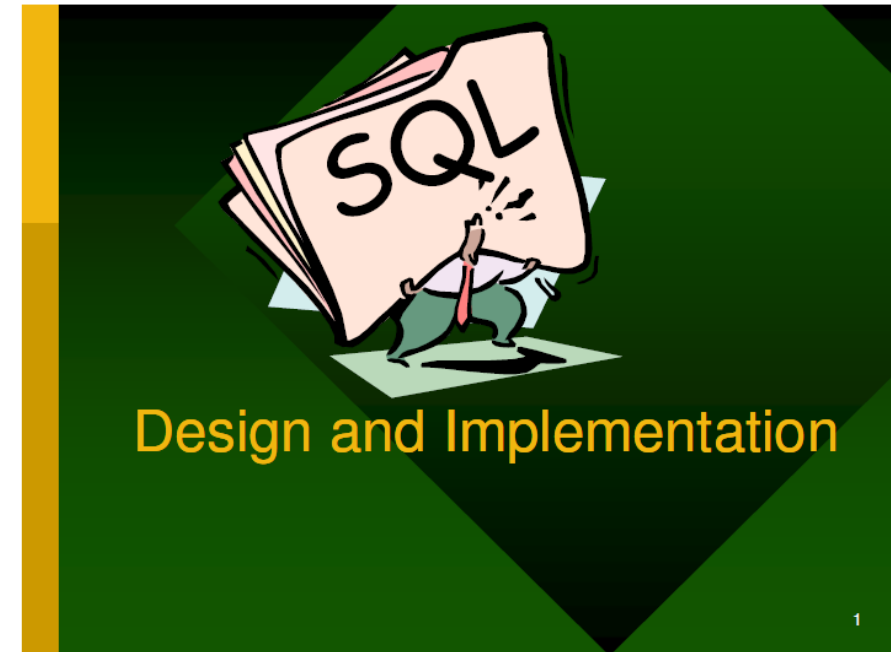
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	BCA	4 SEMESTER	BCA	Design and Implementation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	PPT	DOWNLOAD
2	Science	Computer Science	BCA	4 SEMESTER	BCA	LockBased Protocols	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	PPT	DOWNLOAD
3	Science	Computer Science	BCA	4 SEMESTER	BCA	Recovery System	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	PPT	DOWNLOAD
4	Science	Computer Science	BCA	4 SEMESTER	BCA	Transactions	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	PPT	DOWNLOAD
5	Science	Computer Science	BCA	4 SEMESTER	BCA	SQL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	PPT	DOWNLOAD
6	Science	Computer Science	BCA	4 SEMESTER	BCA	Other Relational Languages	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	PPT	DOWNLOAD
7	Science	Computer Science	BCA	5 SEMESTER	BCA	SOFTWARE REQUIREMENT SPECIFICATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	TEXT	DOWNLOAD
8	Science	Computer Science	BCA	5 SEMESTER	BCA	INTRODUCTION TO SOFTWARE ENGINEERING	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR DHYAN CHANDRA YADAV	NA	TEXT	DOWNLOAD

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Dr. Saurabh Pal

Department of Computer Application

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	BCA	6 SEMESTER	BCA	Data Mining	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
2	Science	Computer Science	BCA	6 SEMESTER	BCA	regression	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
3	Science	Computer Science	Master of Computer Applications MCA	1 SEMESTER	INTRODUCTION TO COMPUTER SYSTEMS	INTRODUCTION TO COMPUTER SYSTEMS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
4	Science	Computer Science	Master of Computer Applications MCA	1 SEMESTER	USE OF COMPUTER SYSTEMS	USE OF COMPUTER SYSTEMS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
5	Science	Computer Science	Master of Computer Applications MCA	1 SEMESTER	TYPES OF COMPUTER SYSTEMS	TYPES OF COMPUTER SYSTEMS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
6	Science	Computer Science	Master of Computer Applications MCA	1 SEMESTER	DATA REPRESENTATION	DATA REPRESENTATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
7	Science	Computer Science	Master of Computer Applications MCA	1 SEMESTER	DATA REPRESENTATION	DATA REPRESENTATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
8	Science	Computer Science	Master of Computer Applications MCA	1 SEMESTER	HARDWARE	HARDWARE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD
9	Science	Computer Science	Master of Computer Applications MCA	1 SEMESTER	SOFTWARE	SOFTWARE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SAURABH PAL	NA	PPT	DOWNLOAD

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Data Mining: Concepts and Techniques

Dr. Saurabh Pal
Associate Professor & Head
Department of Computer Applications
VBS Purvanchal University, Jaunpur

Prof A K Srivastava Department of Chemistry Total-2

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11. CONTENT KEYWORDS: -
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Max:300 Characters):

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SN	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	FUELS Determination of Efficiency	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF A K SRIVASTAVA	NA	PPT	DOWNLOAD
2	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	water analysis	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF A K SRIVASTAVA	NA	PPT	DOWNLOAD

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The cover page features a blue background with a world map and a globe icon. The title 'FUELS & Determination of Efficiency' is prominently displayed. Below the title, the subject and code are listed: 'Subject : Chemistry II' and 'Subject Code: KAS 202'. The unit is identified as 'Unit V: Fuels'. The author's name, 'Prof. Ashok K Srivastava', is written in a stylized font, along with his title 'Dean & Head' and the department 'Department of Chemistry'. The affiliation 'VBS Purvanchal University, Jaunpur-222003 (UP) INDIA' is also included.

FUELS & Determination of Efficiency

Subject : Chemistry II
Subject Code: KAS 202
Unit V: Fuels

Prof. Ashok K Srivastava
Dean & Head
Department of Chemistry

Department of Chemistry
Faculty of Engineering & Technology
VBS Purvanchal University
Jaunpur-222003 (UP) INDIA

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Dr Amrendra K Singh Department of Chemistry Total-7

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The screenshot shows a web browser window with the URL heecontent.upsdc.gov.in/SearchContent.aspx. The page displays a table of search results for the query 'Industrial Polymers Synthesis Properties Applications'. The table has 12 columns: SNo, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. There are 7 rows of results, all for BTECH 1 SEMESTER courses in Chemistry, created by Veer Bahadur Singh Purvanchal University, Jaunpur. Each result includes a 'DOWNLOAD' link.

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	Industrial Polymers Synthesis Properties Applications	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AMRENDRA K SINGH	NA	PPT	DOWNLOAD
2	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	ORGANOMETALLICS SYNTHESIS APPLICATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AMRENDRA K SINGH	NA	PPT	DOWNLOAD
3	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	Environmental Science	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AMRENDRA K SINGH	NA	PPT	DOWNLOAD
4	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	Environmental Science	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AMRENDRA K SINGH	NA	PPT	DOWNLOAD
5	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	Environmental Science	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AMRENDRA K SINGH	NA	PPT	DOWNLOAD
6	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	Polymer Science Technology	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AMRENDRA K SINGH	NA	PPT	DOWNLOAD
7	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	reaction machenism basic concepts	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AMRENDRA K SINGH	NA	PPT	DOWNLOAD

Industrial Polymers Synthesis Properties & Applications



Dr. Amrendra K Singh
Ph.D
Assistant Professor

DEPARTMENT OF CHEMISTRY
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Dr. Ram N Yadav
 Department of Chemistry
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Chemistry	BTECH	1 SEMESTER	engineering chemistry	Molecular Orbital Theory	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR RAM N YADAV	NA	PPT	DOWNLOAD

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VBS Purvanchal University Jaunpur (U.P)
 [UNS Institute of Engineering & Technology]
 Department of Chemistry

Molecular Orbital Theory

Unit I: Covalent Bonding & Molecular Geometry

Knowledge/Understanding Goals:

- Understand molecular theory
- Sigma & pi bonds

Skills:

- Calculate bond order using MO theory

What is Molecular Orbital Theory?

Molecular orbital (MO) theory, developed by Robert S.Mulliken and co-workers, constructs new orbitals that are *delocalized* (i.e. "spread out") across the entire molecule. The basic principle of MOT is as below:

- Total number of molecular orbits is equal to the total number of atomic orbitals from combining atoms.
- Bonding molecular orbitals (BMO) have less energy than the constituent atomic orbitals before bonding. Antibonding molecular orbitals (ABMO) have more energy than the constituent atomic orbitals before bonding.
- Following both the **Pauli exclusion principle** and **Hund's rule**, electrons fill in orbitals of increasing energy.
- Molecular orbitals (MO)** are best formed when composed of atomic orbitals of like energies.

How does it work?

Approximations are used Linear Combination of Atomic Orbital(LCAO): Mathematically combine (**add or subtract**) the atomic orbitals (specifically, the *atomic wave functions*) of nearby atoms to form MOs (*molecular wave functions*)

- Addition of two wave functions gives a bonding MO (increases probability of finding electrons between the nuclei giving a bond)

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SN	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	BTECH	3 SEMESTER	information technology	Computer Organization	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ASHOK KUMAR YADAV	NA	PPT	DOWNLOAD

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Department of Information Technology
UNSIET, VBS Purvanchal University, Jaunpur

Computer Organization and Architecture KCS302
B.Tech. CSE & IT 3rd Semester

Unit –I
Introduction of Computer Organization

Ashok Kumar Yadav
Assistant Professor
Department of Information Technology

SHASHI KANT YADAV
Department of Earth and Planetary Science
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	Mica Group of Minerals	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHASHI KANT YADAV	NA	PPT	DOWNLOAD
2	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	Mineral	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHASHI KANT YADAV	NA	PPT	DOWNLOAD
3	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	Mineral	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHASHI KANT YADAV	NA	PPT	DOWNLOAD
4	Science	Environmental Science	Earth and Planetary Sciences	1 SEMESTER	Earth and Planetary Science	Olivine	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHASHI KANT YADAV	NA	PPT	DOWNLOAD
5	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	Coordination Number C N Radius Ratio Silicate Structures	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHASHI KANT YADAV	NA	PPT	DOWNLOAD

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SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Environmental Science	MSc	2 YEAR	Earth and Planetary Science	Sedimentary Structures	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHYAM KANHAIYA	NA	TEXT	DOWNLOAD

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Sedimentary Structures

Sedimentary structures: Features preserved in sedimentary strata that indicate physical, biological, and/or chemical processes during and after deposition. These features may be indicative of sedimentary depositional environment.

I. Primary

Bedding – Tabular or lenticular layers of sedimentary rock having characteristics that distinguish them from strata above and below

- Beds are a function of and are distinguished by the composition, size, shape, orientation, and packing of sediment
- Beds are separated by **bedding planes** (well defined planar surfaces that separate one layer from another in sedimentary rocks, each plane marks a break in deposition)

Massive Bedding – Beds of sedimentary rock contain few or no visible forms or structures.

Graded Bedding – Strata characterized by gradual but distinct vertical changes in grain size.



The figure above shows *normal grading*, where grain size gets smaller moving up section.

Imbrication – Sedimentary structure consisting of a preferred orientation of clasts such that they overlap one another in a consistent fashion, like toppled dominoes.

Planar Bedding – Layers of sediment with flat, parallel bedding planes that were originally deposited nearly horizontal. Lamination is bedding that is <1 cm thick.

Cross-bedding – One of the most common structures in sedimentary rocks, which is usually occurs in sandstone (but not always). This is strata in which internal layers dip at a distinct angle to the surface that bound the sets of cross-beds. **Tabular cross bedding** has bounding surfaces that are planar. **Trough cross beds** have bounding surfaces that are curved. *To distinguish tabular and trough cross beds you must have an exposure that is cut perpendicular to flow direction.* Cross bedding forms by deposition of migrating bedforms.

Dr. Sarvan Kumar

Department of Earth and Planetary Sciences

Total= 8

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Environmental Science	Earth and Planetary Sciences	1 SEMESTER	Earth and Planetary Science	Introduction to the Earth and Planetary Science	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	TEXT	DOWNLOAD
2	Science	Environmental Science	Earth and Planetary Sciences	3 SEMESTER	Earth and Planetary Science	Fundamentals of Remote Sensing	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	PPT	DOWNLOAD
3	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	Geological Time scale and Geological Processes	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	TEXT	DOWNLOAD
4	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	NATURAL HAZARDS AND DISASTERS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	TEXT	DOWNLOAD
5	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	GEOPHYSICAL METHODS IN EXPLORATION AND MINERAL ENVIRONMENTAL INVESTIGATIONS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	TEXT	DOWNLOAD
6	Science	Environmental Science	Earth and Planetary Sciences	2 SEMESTER	Earth and Planetary Science	Keplers laws of Planetary Motion	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	TEXT	DOWNLOAD
7	Science	Environmental Science	Earth and Planetary Sciences	3 SEMESTER	Earth and Planetary Science	Optical Properties of Earth Surface Materials	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	TEXT	DOWNLOAD
8	Science	Environmental Science	Earth and Planetary Sciences	3 SEMESTER	Earth and Planetary Science	What is Geographic Information Systems GIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SARVAN KUMAR	NA	TEXT	DOWNLOAD

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Atmosphere: Role, Composition & Structure

Atmosphere: Our planet earth is surrounded by a deep blanket of gases extending several hundreds of kilometres above its surface. This gaseous cover of the earth is known as the atmosphere. Like land (lithosphere) and water (hydrosphere), the atmosphere is an integral part of the earth. Compared to the earth's radius, the atmosphere appears to be only a very thin layer of gases. However, because of the force of gravity, it is inseparable from the earth.



Atmospheric pressure: The atmosphere (air) exerts pressure on earth's surface by virtue of its weight. This pressure is called atmospheric pressure. Atmospheric pressure is the most important climatic element. The atmospheric pressure at sea level is 1034 gm per square centimetre.

P C Yadav

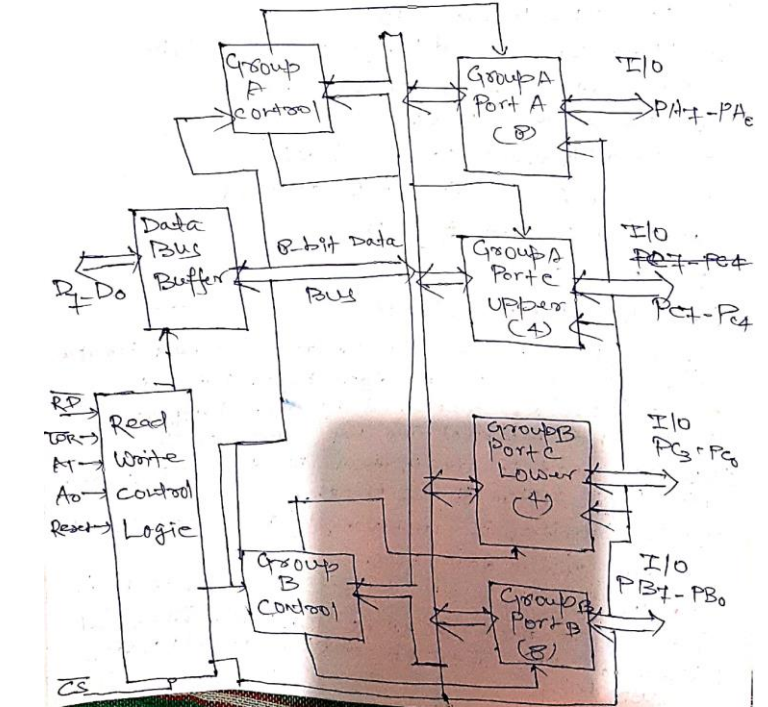
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Date: 30/03/2020
 UNIT-V Mr. P. C. Yadav
 → Programmable Peripheral Interface →
 8255 PPI ⇒ The 8255 is a general purpose Programmable I/O device designed to transfer the data from I/O to interrupt I/O under certain conditions as required. It can be used with almost any microprocessors.



Sudhir Singh

Department of Physics

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Wind Power Fundamentals

Presented by:
Alex Kalmikov and Katherine Dykes

With contributions from:
Kathy Araujo
PhD Candidates, MIT Mechanical Engineering, Engineering Systems and Urban Planning

MIT Wind Energy Group & Renewable Energy Projects in Action
 Email: wind@mit.edu

Vishal Yadav

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1	Science	Physics	BTECH	6 SEMESTER	ELECTRONICS AND COMMUNICATION ENGINEERING	classification of sensors	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	VISHAL YADAV	NA	TEXT	DOWNLOAD
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signals to the actuator, which acts on the object. Examples of actuators are an electric motor, a solenoid, a relay, and a pneumatic valve. The system contains some peripheral devices (for instance, a data recorder, a display, an alarm, etc.) and a number of components, which are not shown in the block diagram. These may be filters, sample-and-hold circuits, amplifiers, and so forth.

1.2 Classification of Sensors

All sensors may be of two kinds: passive and active. A passive sensor does not need any additional energy source and directly generates an electric signal in response to an external stimulus; that is, the input stimulus energy is converted by the sensor into the output signal. The examples are a thermocouple, a photodiode, and a piezoelectric sensor. Most of passive sensors are direct sensors as we defined them earlier. The active sensors require external power for their operation, which is called an *excitation signal*. That signal is modified by the sensor to produce the output signal.

The active sensors sometimes are called *parametric* because their own properties change in response to an external effect and these properties can be subsequently converted into electric signals. It can be stated that a sensor's parameter modulates the excitation signal and that modulation carries information of the measured value. For example, a thermistor is a temperature-sensitive resistor. It does not generate any electric signal, but by passing an electric current through it (excitation signal), its resistance can be measured by detecting variations in current and/or voltage across the thermistor. These variations (presented in ohms) directly relate to temperature through a known function. Another example of an active sensor is a resistive strain gauge in which electrical resistance relates to a strain. To measure the resistance of a sensor, electric current must be applied to it from an external power source.

Depending on the selected reference, sensors can be classified into absolute and relative. An *absolute* sensor detects a stimulus in reference to an absolute physical scale that is independent on the measurement conditions, whereas a *relative* sensor produces a signal that relates to some special case. An example of an absolute sensor is a thermistor: a temperature-sensitive resistor. Its electrical resistance directly relates to the absolute temperature scale of Kelvin. Another very popular temperature sensor—a thermocouple—is a relative sensor. It produces an electric voltage that is function of a temperature gradient across the thermocouple wires. Thus, a thermocouple output signal cannot be related to any particular temperature without referencing to a known baseline. Another example of the absolute and relative sensors is a pressure sensor. An absolute-pressure sensor produces signal in reference to vacuum—an absolute zero on a pressure scale. A relative-pressure sensor produces signal with respect to a selected baseline that is not zero pressure (e.g., to the atmospheric pressure). Another way to look at a sensor is to consider all of its properties, such as what it measures (stimulus), what its specifications are, what physical phenomenon it is sensitive to, what conversion mechanism is employed, what material it is fabricated from, and what its field of application is.

Listing of common measured variables:

- Temperature
- Pressure

Ritesh Baranwal

El Department

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3	Science	Physics	BTECH	4 SEMESTER	ELECTRONICS AND COMMUNICATION ENGINEERING	signal and system 1	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RITESH BARANWAL	NA	NOTES	DOWNLOAD
4	Science	Physics	BTECH	4 SEMESTER	ELECTRONICS AND COMMUNICATION ENGINEERING	signal and system 2	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RITESH BARANWAL	NA	NOTES	DOWNLOAD
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01/11/07

Signal/system

GATE: - (15-20) Marks

IES: - 20 Marks 9/8

1. Conventional 9/8 in paper-I → (140)

→ Random variable → (4-5 Marks)

Q. what is signal?

Q. " " system?

Signal is the physical quantity that varies with time. In space or other independent variables, so it is nothing but f(t) of one or more independent variable.

$s = 10t + 2t^2$ → It is signal which is f(t) of time.

$s(x,y) = 3xy + 5xy^2$ → It is signal which is f(t) of x & y.

But there are classes of signals which are not f(t) of independent variable e.g. speech.

System:- It is a device which operate on signal is called system.

Ex. DSP, ASP

1. Continuous
2. Discrete
3. Analog.
4. Digital

Krishna Kumar Yadav
Dept. of Computer Science
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Subject - Information Security and Cyber Laws

B.Tech (Information Technology) 3rd Year 5th Sem

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Dept. of Computer Science

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2	Science	Computer Science	BTECH	5 SEMESTER	Cohen Sutherland line clipping algorithm	Cohen Sutherland line clipping algorithm	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PRAVIN PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
3	Science	Computer Science	BTECH	3 SEMESTER	QUEUES	Queue	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PRAVIN PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
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5	Science	Computer Science	BTECH	5 SEMESTER	Computer Graphics	Computer Graphics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PRAVIN PANDEY	NA	NOTES	DOWNLOAD
6	Science	Computer Science	BTECH	5 SEMESTER	data structure	data structures	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PRAVIN PANDEY	NA	TEXT	DOWNLOAD
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8	Science	Computer Science	BTECH	3 SEMESTER	BTECH	computer graphics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PRAVIN PANDEY	NA	NOTES	DOWNLOAD
9	Science	Computer Science	BTECH	3 SEMESTER	STACKS	Stack	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PRAVIN PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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 DEPARTMENT NAME- COMPUTER SCIENCE AND ENGINEERING
 SUBJECT- COMPUTER GRAPHICS
 SEMESTER- 5
 YEAR- 3

UNIT-2

Liag-Barsky Line ClippingAlgorithm

The Liang-Barsky algorithm is a line clipping algorithm. This algorithm is more efficient than Cohen-Sutherland line clipping algorithm and can be extended to 3-Dimensional clipping. This algorithm is considered to be the faster parametric line-clipping algorithm. The following concepts are used in this clipping-

- The parametric equation of the line.
- The inequalities describing the range of the clipping window which is used to determine the intersections between the line and the clip window.

The parametric equation of a line can be given by-

$$X = x_1 + t(x_2 - x_1)$$

$$Y = y_1 + t(y_2 - y_1)$$

Where, t is between 0 and 1.

Then, writing the point-clipping conditions in the parametric form:

$$x_{w_{min}} \leq x_1 + t(x_2 - x_1) \leq x_{w_{max}}$$

$$y_{w_{min}} \leq y_1 + t(y_2 - y_1) \leq y_{w_{max}}$$

The above 4 inequalities can be expressed as-

$$tp_k \leq q_k$$

Where k = 1, 2, 3, 4 (correspond to the left, right, bottom, and top boundaries, respectively).

The p and q are defined as-

$$p_1 = -(x_2 - x_1), \quad q_1 = x_1 - x_{w_{min}} \text{ (Left Boundary)}$$

$$p_2 = (x_2 - x_1), \quad q_2 = x_{w_{max}} - x_1 \text{ (Right Boundary)}$$

$$p_3 = -(y_2 - y_1), \quad q_3 = y_1 - y_{w_{min}} \text{ (Bottom Boundary)}$$

$$p_4 = (y_2 - y_1), \quad q_4 = y_{w_{max}} - y_1 \text{ (Top Boundary)}$$

Manoj Kumar Yadav

Department of Information Technology

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What is an algorithm?

An algorithm is a sequence of steps to solve a particular problem.

Properties of algorithm:

Each & every instruction should be precise & unambiguous.

Each & every instruction should be performed in finite time.

It should terminate after finite time.

After the algo termination the desired result must be obtained.

It should be programming language independent.

Dr. Nimisha Yadav
UNSIET

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	beta and gamma functions	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
2	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	dirichlets theorem	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
3	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	functions of complex variables	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
4	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	line integration in complex plane	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
5	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	representation of function by power series	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
6	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	contour integration	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
7	Science	Mathematics	BTECH	3 SEMESTER	ENGINEERING MATHEMATICS	statistical techniques	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
8	Science	Mathematics	BTECH	3 SEMESTER	ENGINEERING MATHEMATICS	symmetry	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
9	Science	Mathematics	BTECH	3 SEMESTER	ENGINEERING MATHEMATICS	curve fitting	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
10	Science	Mathematics	BTECH	3 SEMESTER	ENGINEERING MATHEMATICS	correlation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
11	Science	Mathematics	BTECH	3 SEMESTER	ENGINEERING MATHEMATICS	regression analysis	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD
12	Science	Mathematics	BTECH	3 SEMESTER	ENGINEERING MATHEMATICS	interpolation with equal interval	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NIMISHA YADAV	NA	NOTES	DOWNLOAD

Unit-II ①

Beta and Gamma function

Beta function:- Beta function is denoted by $\beta(m, n)$. It is defined as improper integral $\int_0^1 x^{m-1}(1-x)^{n-1} dx$, where m & n are positive numbers & fractional or integral. This integral is convergent for $m > 0$. Beta function is called first Eulerian integral.

$$\beta(m, n) = \int_0^1 (1-x)^{n-1} x^{m-1} dx, \quad m, n > 0$$

(i) Symmetrical Property of Beta function:

$$\beta(m, n) = \beta(n, m)$$

Proof:- By definition

$$\beta(m, n) = \int_0^1 x^{m-1}(1-x)^{n-1} dx$$

putting $x = 1-y$
 $dx = -dy$

$$\beta(m, n) = \int_1^0 (1-y)^{m-1} y^{n-1} (-dy)$$
$$= \int_0^1 (1-y)^{m-1} y^{n-1} dy \quad (\text{By 2nd prop. of Definite Int.})$$
$$= \int_0^1 x^{n-1}(1-x)^{m-1} dx \quad (\text{By 1st prop. of Definite Int.})$$

UDAI RAJ PRAJAPATI

Department of Mathematics

total=6

<https://heecontent.upsdc.gov.in/>

SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	Matrix	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	UDAI RAJ PRAJAPATI	NA	TEXT	DOWNLOAD
2	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	ELEMENTARY TRANSFORMATIONS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	UDAI RAJ PRAJAPATI	NA	TEXT	DOWNLOAD
3	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	RANK OF A MATRIX	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	UDAI RAJ PRAJAPATI	NA	TEXT	DOWNLOAD
4	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	SOLUTION OF A SYSTEM OF LINEAR EQUATIONS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	UDAI RAJ PRAJAPATI	NA	TEXT	DOWNLOAD
5	Science	Mathematics	BTECH	1 SEMESTER	ENGINEERING MATHEMATICS	VECTORS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	UDAI RAJ PRAJAPATI	NA	TEXT	DOWNLOAD

MATRICES

A matrix is defined as a rectangular array (of arrangement in rows or columns) of scalars subject to certain rules of operations.

If mn numbers (real or complex) or functions are arranged in the form of a rectangular array A having m rows (horizontal lines) and n columns (vertical lines) then A is called an $m \times n$ matrix. Each of the mn numbers is called an element of the matrix.

There are different notations of enclosing the elements constituting a matrix viz. $[\]$, $(\)$. $\| \|$ but square bracket is generally used, An $m \times n$ matrix is also called a matrix of order $m \times n$.

For example, $\begin{bmatrix} 2 & -1 & 5 \\ 3 & 0 & 4 \end{bmatrix}$ is a 2×3 matrix or matrix of order 2×3 . It has two rows and three columns. The numbers 2, -1, 5, 3, 0, 4 are its elements.

An $m \times n$ matrix is usually written as

$$\begin{bmatrix} a_{11} & a_{12} & a_{13} & \dots & a_{1n} \\ a_{21} & a_{22} & a_{23} & \dots & a_{2n} \\ a_{31} & a_{32} & a_{33} & \dots & a_{3n} \\ \dots & \dots & \dots & \dots & \dots \\ a_{m1} & a_{m2} & a_{m3} & \dots & a_{mn} \end{bmatrix}$$

Her each element has two suffixes. The first suffix indicates the row and the second suffix indicates the column in which the element lies. Thus, a_{23} is the element lying in the second row and third column, a_{ij} is the element lying in the i^{th} row and j^{th} column.

For brevity, a matrix is usually denoted by single capital letter A, B or C etc.

Thus, an $m \times n$ matrix A may be written as

$$A = [a_{ij}]_{m \times n} \text{ or } a = [a_{ij}], \text{ Where } i = 1, 2, 3, \dots, m; j = 1, 2, 3, \dots, n$$

APPLICATION OF MATRICES

SANTOSH KUMAR

Department of Physics

TOTAL=5

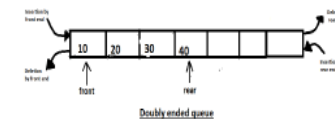
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	BTECH	5 SEMESTER	data structure	DOUBLE ENDED QUEUE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SANTOSH KUMAR	NA	TEXT	DOWNLOAD
2	Science	Computer Science	BTECH	5 SEMESTER	data structure	queue	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SANTOSH KUMAR	NA	TEXT	DOWNLOAD
3	Science	Computer Science	BTECH	5 SEMESTER	data structure	ALGORITHM TO DELETE AN ELEMENT IN A QUEUE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SANTOSH KUMAR	NA	TEXT	DOWNLOAD
4	Science	Computer Science	BTECH	5 SEMESTER	data structure	TYPES OF QUEUE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SANTOSH KUMAR	NA	TEXT	DOWNLOAD
5	Science	Computer Science	BTECH	5 SEMESTER	data structure	Priority Queue	Veer Bahadur Singh Purvanchal University,	SANTOSH KUMAR	NA	TEXT	DOWNLOAD

DOUBLE ENDED QUEUE:-

Double ended queues are sequence containers with the feature of expansion and contraction on both the ends. They are similar to vectors, but are more efficient in case of insertion and deletion of elements. Unlike vectors, contiguous storage allocation may not be guaranteed. Double Ended Queues are basically an implementation of the data structure double ended queue. A queue data structure allows insertion only at the end and deletion from the front. This is like a queue in real life, wherein people are removed from the front and added at the back. Double ended queues are a special case of queues where insertion and deletion operations are possible at both the ends.

The functions for deque are same as [vector](#), with an addition of push and pop operations for both front and back.



Ravikant Yadav

UNSIET

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	BTECH	7 SEMESTER	digital image processing	digital image processing	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RAVIKANT YADAV	NA	TEXT	DOWNLOAD
2	Science	Computer Science	BTECH	7 SEMESTER	digital image processing	digital image processing	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RAVIKANT YADAV	NA	TEXT	DOWNLOAD
3	Science	Computer Science	BTECH	7 SEMESTER	digital image processing	digital image processing	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RAVIKANT YADAV	NA	TEXT	DOWNLOAD

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The cover page features the following text and graphics:

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- LECTURE NOTES** (in red)
- (ECS-702)** (in red)
- B.TECH** (in green)
- BRANCH: CSE** (in green)
- 7th Sem** (in green)
- Prepared by:** (in purple)
- RAVI KANT YADAV** (in blue)
- (Assistant Professor)** (in blue)
- DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING** (in yellow)
- UMANATH SINGH INSTITUTE OF ENGINEERING AND TECHNOLOGY** (in purple)
- VEER BHADUR SINGH PURVANCHAL UNIVERSITY, JAUNPUR** (in purple)
- Logo of Veer Bahadur Singh Purvanchal University, Jaunpur (in red and yellow)
- Portrait of a man (in gold)
- Text: **VEER BHADUR SINGH PURVANCHAL UNIVERSITY, JAUNPUR** (in purple)
- Text: **(A UP State University Celebrating 25 Years of Excellence)** (in purple)
- Page number: **1** (in red)

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The screenshot shows the website's search interface. At the top, there are navigation links: HOME, MESSAGE FROM ACS(HE), LOGIN, ARTICLES, and SEARCH CONTENT FOR STUDENTS. Below these is a search bar with a 'Search' button and a 'Cancel' button. The search bar contains the text '11. CONTENT KEYWORDS: -' and a note '(comma separated Max 300 Characters)'. Below the search bar is a 'Contents Report!' section with an 'Export To Excel' button. The report contains a table with 11 columns: SNO, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. The table lists three entries for 'ELECTRONICS AND COMMUNICATION ENGINEERING' courses. At the bottom, there is a disclaimer and footer information: 'Designed and developed by National Informatics Centre, UP State Centre, Lucknow. Hosted at UP state data centre, UPDESCO, Lucknow.'

SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	5 SEMESTER	power plant	power plant	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	POONAM	NA	NOTES	DOWNLOAD
2	Science	Physics	BTECH	6 SEMESTER	industrial instrument	industrial instrument	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	POONAM	NA	NOTES	DOWNLOAD
3	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	4 SEMESTER	converted rotated	converted rotated	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	POONAM	NA	NOTES	DOWNLOAD

Classification of Renewable and Non-Renewable energy source

Energy → Energy can be defined as the capacity of any object to do work.

1) Renewable energy source →

- Obtain from the sources that are essentially inexhaustible.
- eg - wind power, solar power, geothermal energy etc.
- Continuously generated in nature like potential energy of the stored water, energy of biomass such as woods, animal dung, agricultural waste, kitchen waste.

2) Non-renewable energy source →

- Not available in commercial market for price.
- eg - agro waste, animal dung.
- Conventional fossil fuels
- Those energy source which have accumulated in nature over a long span of time.
- Not replenished even in hundreds of years.
- finite in quantity can not be reproduce.
- fossil fuels are coal, petroleum, natural gas, nuclear fuels like uranium - 235.

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Shailesh Prajapati

UNSIET

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Higher Education

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Contents Report! Export To Excel

SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	TUTORIAL	TUTORIAL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
2	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	PROTOCOL	PROTOCOL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
3	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	LAYERED TASKS	LAYERED TASKS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
4	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	OSI REFERENCE MODEL	OSI REFERENCE MODEL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
5	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	TCP IP REFERENCE MODEL	TCP IP REFERENCE MODEL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
6	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	DATA COMMUNICATION	DATA COMMUNICATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
7	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	COMPUTER NETWORK	COMPUTER NETWORK	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
8	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	LAN	COMPUTER NETWORK	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SHAILESH PRAJAPATI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD

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ISO is the organization. OSI is the model.

study time Date: 15/03/2023

Subject: _____

Tutorial UNIT-I

Prob 1. Identify the five components of a data communications system.

Prob 2. What is topology? Explain different types of topology connections. Give the advantages and disadvantages of each topology.

Prob 3. What is protocol?

Prob 4. What is internet?

Prob 5. List the layers of the internet model.

Prob 6. What is a peer-to-peer process?

Prob 7. What are headers and trailers, and how do they get added and removed?

Prob 8. Draw OSI model Architecture. Explain responsibilities of the OSI model layers.

Prob 9. Explain TCP/IP Architecture.

Prob 10. Compare OSI model and TCP/IP reference model.

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Dr Noopur Goel

Dept. of Computer Science

Total-1

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	Master of Computer Applications MCA	4 SEMESTER	SOFTWARE ENGINEERING	SOFTWARE ENGINEERING INTRODUCTION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR NOOPUR GOEL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

The slide features a dark background with a light-colored diagonal gradient. The title 'SOFTWARE ENGINEERING UNIT 1- MODULE 1 (INTRODUCTION)' is displayed in large, bold, yellow capital letters. Below the title, the author's name 'Dr. Noopur Goel' is written in white, followed by their title 'Assistant Professor' and department information: 'Department of Computer Applications, VBS Purvanchal University, Jaunpur, 222002'. The email address 'Email: noopurt11@gmail.com' is also listed in white.

Dr. Prabhakar singh
Department of Biochemistry
Total = 17

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TEJASVI NAVADHITAMASTU

"Let our (the teacher and the taught) learning be radiant"

Let our efforts at learning be luminous and filled with joy, and endowed with the force of purpose

Dr. Prabhakar Singh
Department of Biochemistry
Faculty of Science, V.B.S. Purvanchal University, Jaunpur
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Sl. No.	NAME	NAME	SEMESTER	TOPIC	TOPIC	Author	Author	Author	Author	TYPE	Download
1	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	DNA Fingerprinting and Foot Printing	DNA Fingerprinting and Foot Printing	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	DNA Sequencing	DNA Sequencing	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	ELECTROCHEMISTRY	ELECTROCHEMISTRY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	MASS SPECTROMETRY	Mass Spectroscopy	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
5	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	Optical methods for determination of molecular structure	Optical methods for determination of molecular structure	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
6	Science	Chemistry	BIOCHEMISTRY	3 SEMESTER	PCR	PCR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
7	Science	Chemistry	BIOCHEMISTRY	1 SEMESTER	BLOTTING TECHNIQUES	BLOTTING TECHNIQUES	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
8	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	CENTRIFUGATION	CENTRIFUGATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
9	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	CHROMATOGRAPHY	CHROMATOGRAPHY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
10	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	CHROMATOGRAPHY	CHROMATOGRAPHY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
11	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	ELECTROPHORESIS	ELECTROPHORESIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
12	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	FLUORESCENCE	FLUORESCENCE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
13	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	MICROSCOPY	MICROSCOPY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
14	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	NMR EPSR	NMR EPSR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
15	Science	Chemistry	BIOCHEMISTRY	2 SEMESTER	Photometry	Photometry	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRABHAKAR SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

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Ajay Maurya UNSIETTotal-10

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Contents Report!

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Physics	BTECH	5 SEMESTER	MICROPROCESSORS	MICROPROCESSORS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
2	Science	Physics	BTECH	5 SEMESTER	Introduction and Generation	Introduction and Generation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
3	Science	Physics	BTECH	5 SEMESTER	8085 System Bus	8085 System Bus	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
4	Science	Physics	BTECH	5 SEMESTER	8085 Pin Diagram	8085 Pin Diagram	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
5	Science	Physics	BTECH	5 SEMESTER	8085 Architecture	8085 Architecture	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
6	Science	Physics	BTECH	5 SEMESTER	8085 Flag Register	8085 Flag Register	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
7	Science	Physics	BTECH	5 SEMESTER	8085 Instruction Set	8085 Instruction Set	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
8	Science	Physics	BTECH	5 SEMESTER	Arithmetic Operations	Arithmetic Operations	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
9	Science	Physics	BTECH	5 SEMESTER	LOGICAL OPERATIONS	LOGICAL OPERATIONS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
10	Science	Physics	BTECH	5 SEMESTER	Assignment1	Assignment1	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	AJAY MAURYA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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Lecture-1

EEC- 503 MICROPROCESSORS			3 1 0
Unit	Topic	Chapte/ Section	Proposed number of Lectures
I	Introduction to Microprocessor, Microprocessor architecture and its operations, Memory, Input & output devices, Logic devices for interfacing, The 8085 MPU, Example of an 8085 based computer, Memory interfacing.	1.1, 3.1, 3.2, 3.3, 3.5, 4.1, 4.2, 4.3,	8
II	Basic interfacing concepts, Interfacing output displays, Interfacing input devices, Memory mapped I/O, Flow chart symbols, Data Transfer operations, Arithmetic operations, Logic Operations, Branch operation, Writing assembly language programs, Programming techniques: looping, counting and indexing.	5.1, 5.2, 5.3, 5.4, 6.1, 6.2, 6.3, 6.4, 6.5, 7.1	8
III	Additional data transfer and 16 bit arithmetic instruction, Arithmetic operations related to memory, Logic operation: rotate, compare, counter and time delays, Illustrative program: Hexadecimal counter, zero-to-nine, (module ten) counter, generating pulse waveforms, debugging counter and time delay, Stack, Subroutine, Restart, Conditional call and return instructions, Advance subroutine concepts, The 8085 Interrupts, 8085 vector interrupts.	7.2, 7.3, 7.4, 7.5, 8.1, 8.2, 8.3, 8.4, 8.5, 9.1, 9.2, 9.3, 9.4, 12.1, 12.2	8
IV	Program: BCD-to-Binary conversion, Binary-to-BCD conversion, BCD-to-Seven segment code converter, Binary-to-ASCII and ASCII-to-Binary code conversion, BCD Addition, BCD Subtraction, Introduction to Advance instructions and Application, Multiplication, Subtraction with carry.	10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9	8
V	8255 Programmable peripheral interface, interfacing keyboard and seven segment display, 8254 (8253) programmable interval timer, 8259A programmable interrupt controller, Direct Memory Access and 8237 DMA controller. Introduction to 8086 microprocessor: Architecture of 8086 (Pin diagram, Functional block diagram, Register organization).	15.1, 15.2, 15.4, 15.5, 15.6, 2.11*, 2.12*	8

Text Book:

- Ramesh Gaonkar, "Microprocessor Architecture, Programming, and Applications with the 8085", 5th Edition, Penram International Publication (India) Pvt. Ltd.
- * Douglas V. Hall, "Microprocessors and Interfacing", 2nd Edition, TMH, 2006.

Reference Book: Kenneth L. Short, "Microprocessors and programmed Logic", 2nd Ed, Pearson Education Inc.

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Sunil Yadav

Department of Engineering

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11. CONTENT
KEYWORDS: -
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	BTECH	7 SEMESTER	ARTIFICIAL INTELLIGENCE	ARTIFICIAL INTELLIGENCE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SUNIL YADAV	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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Unit 1

What is Artificial Intelligence?

According to the father of Artificial Intelligence, John McCarthy, it is "The science and engineering of making intelligent machines, especially intelligent computer programs".

Artificial Intelligence is a way of **making a computer, a computer-controlled robot, or a software think intelligently**, in the similar manner the intelligent humans think.

AI is accomplished by studying how human brain thinks, and how humans learn, decide, and work while trying to solve a problem, and then using the outcomes of this study as a basis of developing intelligent software and systems.

Philosophy of AI

While exploiting the power of the computer systems, the curiosity of human, lead him to wonder, "Can a machine think and behave like humans do?"

Thus, the development of AI started with the intention of creating similar intelligence in machines that we find and regard high in humans.

Goals of AI

- **To Create Expert Systems** – The systems which exhibit intelligent behavior, learn, demonstrate, explain, and advice its users.
- **To Implement Human Intelligence in Machines** – Creating systems that understand, think, learn, and behave like humans.

What Contributes to AI?

Artificial intelligence is a science and technology based on disciplines such as Computer Science, Biology, Psychology, Linguistics, Mathematics, and Engineering. A major thrust of AI is in the development of computer functions associated with human intelligence, such as reasoning, learning, and problem solving.

Out of the following areas, one or multiple areas can contribute to build an intelligent system.

Dr. Surjeet Kumar
Department of computer application
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	Master of Computer Applications MCA	2 SEMESTER	Counting Sort	Counting Sort	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SURJEET KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Computer Science	Master of Computer Applications MCA	2 SEMESTER	insertion Sort	insertion Sort	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SURJEET KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Computer Science	Master of Computer Applications MCA	2 SEMESTER	Merge Sort	Merge Sort	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SURJEET KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Computer Science	Master of Computer Applications MCA	2 SEMESTER	Master Theorem	Master Theorem	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SURJEET KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
5	Science	Computer Science	Master of Computer Applications MCA	2 SEMESTER	Quick Sort	quick Sort	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SURJEET KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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Counting Sort

By: Dr. Surjeet Kumar

Dept. of Computer Application

Source: "Introduction to Algorithms" PHI 3rd Edition

by Thomas H. Cormen & Others.

Ravi Prakash

Department of Electronics and Communication

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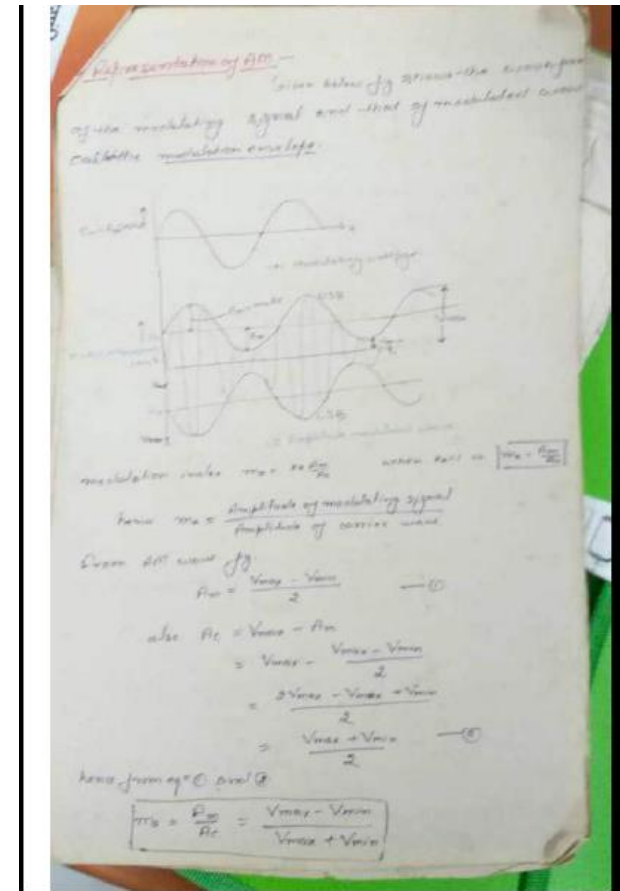
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	3 SEMESTER	MODULATION	modulation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RAVI PRAKASH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
2	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	4 SEMESTER	MODULATION	MODULATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RAVI PRAKASH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
3	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	3 SEMESTER	MODULATION	modulation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RAVI PRAKASH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD

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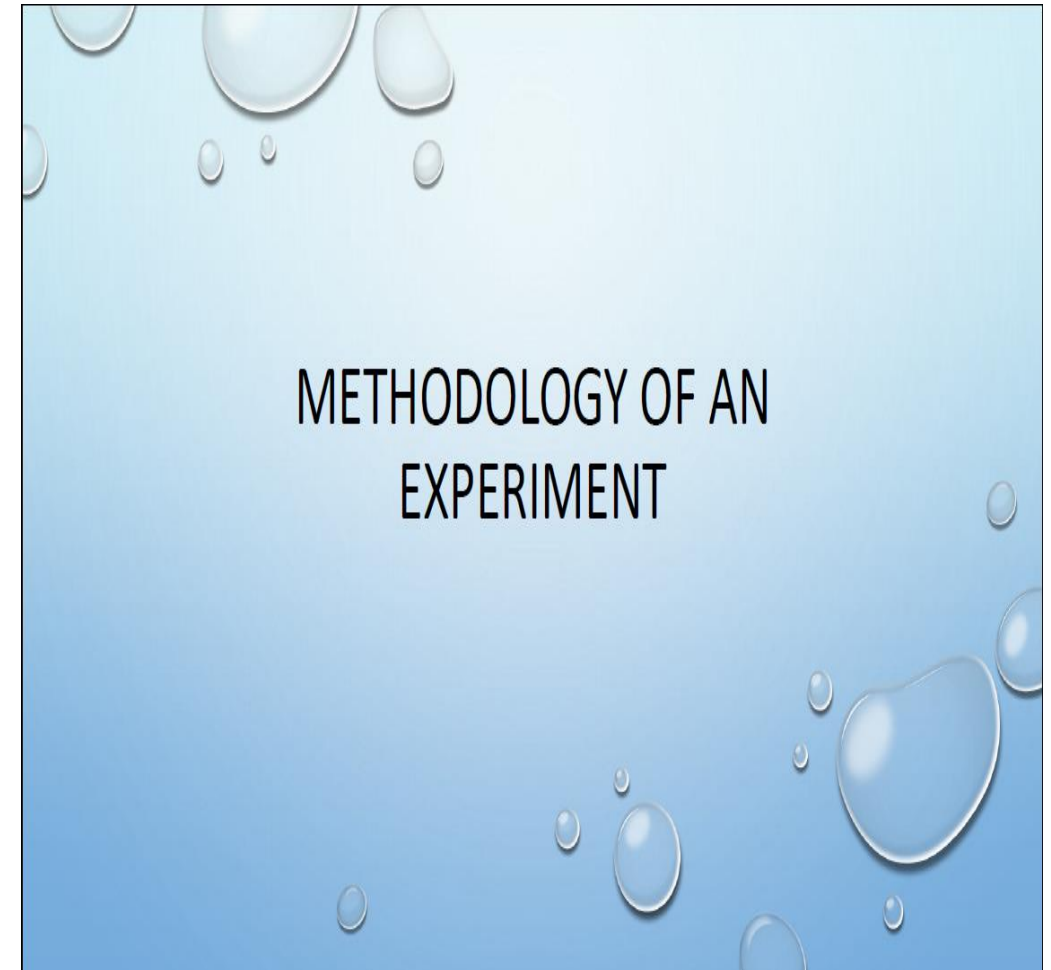
DR MANISH KUMAR GUPTA
Department of biotechnology
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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Bio-Technology	Msc	2 YEAR	Data Sources	Data Sources	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANISH KUMAR GUPTA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Bio-Technology	Msc	2 YEAR	Methodology of an Experiment	Methodology of an Experiment	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANISH KUMAR GUPTA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Bio-Technology	BIOCHEMISTRY	2 SEMESTER	Variables and its types	Variables and its types	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANISH KUMAR GUPTA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Bio-Technology	Msc	1 YEAR	Introduction to Biostatistics	Introduction to Biostatistics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANISH KUMAR GUPTA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

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SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Physics	ELECTRONICS AND COMMUNICATION ENGINEERING	7 SEMESTER	Digital image processing	Digital image processing	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PRITI SHARMA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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3:18 AM 3/23/2022

Digital image processing (EEC 022)

Digital image processing:

Digital image processing means there are three terms first one is processing then image then Digital. So a Digital image processing means the processing of images which are digital in nature by a digital computer.

Interest in Digital image processing methods stems from two principle application area: it is motivated by two major applications ; Improvement of Pictorial information for human perception means whatever image you get wants to enhanced the quality of image so that the image will have a better look and it will much better when you look at the image. (Need of Process of Image)

What is Digital Image Processing?

- An image may be defined as a two dimensional function $f(x, y)$, where x and y are spatial (Plane) coordinates.
- Amplitude of at any pair of Coordinates(x, y) is called the intensity or grey level of image at that point.
- When x, y and Intensity values of f are all finite, discrete quantity. We called the image is digital image.
- The field of Digital Image Processing refers to processing digital images by means of a digital computer.
- A digital image is composed of a finite number of elements, each of which has a particular location and value. These elements are called picture elements, image elements, pels and pixels.
- Pixel is the term used most widely to denote the elements of a digital images.
- Images play the single most important role in human perception.
- Perception as a process of recognizing (being aware of), Organizing (gathering and storing) and interpreting (binding to knowledge) sensory information.
- Perception deals with the human senses that generate signals from the environment through sight, hearing, touch, smell and taste.
- Humans, who are limited to the visible band of electromagnetic (EM) spectrum. (A typical human eye will respond to wavelengths from about 380 to 740 nanometers.

Jyoti P Singh UNSIET Total-3

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The screenshot shows the website's search interface. At the top, there are navigation links: HOME, MESSAGE FROM ACS(HE), LOGIN, ARTICLES, and SEARCH CONTENT FOR STUDENTS. Below these is a search box with a 'Search' button and a 'Cancel' button. The search box contains the text '11. CONTENT KEYWORDS: -' and a note '(comma separated Max 300 Characters)'. Below the search box is a 'Contents Report!' section with an 'Export To Excel' button. The report is a table with 11 columns: SNo, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. The table contains three rows of data. At the bottom of the page, there is a disclaimer and a footer with the text 'Designed and developed by National Informatics Centre, UP State Centre, Lucknow. Hosted at UP state data centre, UPDESCO, Lucknow.'

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Physics	BTECH	7 SEMESTER	Quality Management	Quality Management	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	JYOTI P SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
2	Science	Physics	BTECH	3 SEMESTER	Network Analysis and Synthesis	Network Analysis and Synthesis	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	JYOTI P SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
3	Science	Physics	BTECH	3 SEMESTER	Network Analysis and Synthesis	Network Analysis and Synthesis	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	JYOTI P SINGH	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

Quality Management (NOE-072)

UNIT-I : Quality Concepts: Evolution of Quality Control, concept change, TQM Modern concept, Quality concept in design, Review of design, Evolution of proto type. Control on Purchased Product: Procurement of various products, evaluation of supplies, capacity verification, Development of sources, procurement procedure.

Manufacturing Quality: Methods and techniques for manufacture, inspection and control of product, quality in sales and services, guarantee, analysis of claims.

UNIT-II: Quality Management: Organization structure and design, quality function, decentralization, designing and fitting, organization for different type products and company, economics of quality value and contribution, quality cost, optimizing quality cost, seduction program. Human Factor in quality Attitude of top management, cooperation of groups, operators attitude, responsibility, causes of apparatus error and corrective methods.

UNIT-III: Control Charts, Theory of control charts, measurement range, construction and analysis of R charts, process capability study, use of control charts. Attributes of Control Chart, Defects, construction and analysis of charts, improvement by control chart, variable sample size, construction and analysis of C charts.

UNIT -IV : Defects diagnosis and prevention defect study, identification and analysis of defects, correcting measure, factors affecting reliability, MTTF, calculation of reliability, building reliability in the product, evaluation of reliability, interpretation of test results, reliability control, maintainability, zero defects, quality circle.

UNIT -V: ISO-9000 and its concept of Quality Management, ISO 9000 series, Taguchi method, JIT in some details.

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Prof Vandana Rai

Department of Biotechnology

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Bio-Technology	MSc	2 YEAR	Dominance Incomplete dominance and Codominance	Dominance Incomplete dominance and Codominance	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF VANDANA RAI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Bio-Technology	MSc	2 YEAR	Dosage Compensation	Dosage Compensation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF VANDANA RAI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Bio-Technology	MSc	2 YEAR	Gene Polymorphism and Human Diseases	Gene Polymorphism and Human Diseases	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF VANDANA RAI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Bio-Technology	MSc	2 YEAR	Alzheimers disease susceptibility and Folate	Alzheimers disease susceptibility and Folate	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF VANDANA RAI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
5	Science	Bio-Technology	MSc	2 YEAR	Birth Defects Risk	Birth Defects Risk	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF VANDANA RAI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
6	Science	Bio-Technology	MSc	2 YEAR	Inheritance patterns	Inheritance patterns	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF VANDANA RAI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

Susceptibility and severity of COVID -19

*Prof. Vandana Rai
Department of Biotechnology
VBS Purvanchal University, Jaunpur*

Dr Pradeep Kumar

Department of Biotechnology

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Bio-Technology	MSc	2 YEAR	Biological Database Search and Retrieval of Nucleotide Sequence	Biological Database Search and Retrieval of Nucleotide Sequence	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRADEEP KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Bio-Technology	MSc	2 YEAR	How to Download a research paper from pubmedncbinlmnihgov and save it in pdf	How to Download a research paper from pubmedncbinlmnihgov and save it in pdf	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRADEEP KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Bio-Technology	MSc	2 YEAR	Biological Database Search and Retrieval of Protein Sequence	Biological Database Search and Retrieval of Protein Sequence	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR PRADEEP KUMAR	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

Biological Database Search and Retrieval of Nucleotide Sequence

Dr. Pradeep Kumar
Associate Professor
Department of Biotechnology
VBS Purvanchal University, Jaunpur

Ritesh Kumar Srivastava

Department of Computer Science

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The screenshot shows a web browser window with the URL heecontent.upsdc.gov.in/SearchContent.aspx. The page features a search bar with the text "11 CONTENT KEYWORDS: (comma separated list, 300 Characters)". Below the search bar, there is a "Contents Report!" section with a table of results. The table has columns for SNo, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. Two entries are visible, both for "Object Orientation" and "Generalization and Specialization".

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Computer Science	Information Technology	3 SEMESTER	Object Orientation	Object Orientation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RITESH KUMAR SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
2	Science	Computer Science	Information Technology	3 SEMESTER	Generalization and Specialization	Generalization and Specialization	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RITESH KUMAR SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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UNIT-1

Object Orientation:

The Object orientation is a software programming variant that help programmer's develop efficient, error-free, reusable components. It is based on principle of Data Abstraction, Information Hiding, inheritance and Polymorphism. The fundamental building blocks for all Object-oriented designs in the class & its associated object.

The term "Object-Oriented" indicates that the software consistency of a collection of an objects that includes both data and methods.

Object oriented programming refers to the of blueprint designs called class and the creation of these classes in two objects that can communicate with each other is object contain data elements variable and the communication occur through method calls from one object to another.

Object an overview:

According to the new Webster's dictionary in 1984, an object is:

- Some visible or tangible things.
- Towards which the mind is directed in any of its states are activities, that to which efforts are directed

"Any object is anything real or abstract on an object is anything real or abstract about which we store data and more methods that manipulates the data."

Control concepts underlying object orientation:

- Encapsulation
- State Retention
- Information Hiding
- Object identity
- Manage classes
- Inheritance
- Polymorphism
- Genericity

Encapsulation:

Encapsulation is a mechanism of wrapping the data (variable) and code acting on the data (methods) together as a single unit declare the variable of a class as private.

OR

Encapsulation means enclosing related components within a capsule. The capsule can be referred to by a single name.

State retention:

State Retention is high level language had already the idea of encapsulation in structured design also represent encapsulation.

Information hiding:

Prof Rajesh Sharma

Department of Biotechnology

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1	Science	Bio-Technology	MSc	1 YEAR	METABOLISM OF CARBOHYDRATES	METABOLISM OF CARBOHYDRATES	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF RAJESH SHARMA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Bio-Technology	MSc	1 YEAR	METABOLISM OF CARBOHYDRATES	METABOLISM OF CARBOHYDRATES	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF RAJESH SHARMA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Bio-Technology	MSc	1 YEAR	CELL CULTURE	CELL CULTURE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF RAJESH SHARMA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Bio-Technology	MSc	1 YEAR	CELL CULTURE	CELL CULTURE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF RAJESH SHARMA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
5	Science	Bio-Technology	MSc	1 YEAR	METABOLISM OF LIPIDS	METABOLISM OF LIPIDS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF RAJESH SHARMA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
6	Science	Bio-Technology	MSc	1 YEAR	METABOLISM OF LIPIDS	METABOLISM OF LIPIDS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF RAJESH SHARMA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

METABOLISM OF CARBOHYDRATES -2



TEJASVI NAVADHITAMASTU

"Let our (the teacher and the taught) learning be radiant"

Let our efforts at learning be luminous and filled with joy, and endowed with the force of purpose

Prof. Rajesh Sharma
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Dr Shree Prakash Tiwari

Dept. Of Microbiology

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Microbiology	MSc	1 YEAR	Eukaryotic Translation	Eukaryotic Translation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHREE PRAKASH TIWARI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Microbiology	MSc	1 YEAR	Genetic Code	Genetic Code	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHREE PRAKASH TIWARI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Microbiology	MSc	1 YEAR	History of Microbiology	History of Microbiology	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHREE PRAKASH TIWARI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Microbiology	MSc	1 YEAR	Linkage	Linkage	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHREE PRAKASH TIWARI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
5	Science	Microbiology	MSc	1 YEAR	Mapping	Mapping	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHREE PRAKASH TIWARI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
6	Science	Microbiology	MSc	1 YEAR	Mutation	Mutation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHREE PRAKASH TIWARI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
7	Science	Microbiology	MSc	1 YEAR	Mutation	Mutation 2	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SHREE PRAKASH TIWARI	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

Eukaryotic Initiation of Translation

Translation Initiation:

Initiation of translation in eukaryotes is similar to prokaryotic initiation in many ways. Both use a start codon and a dedicated initiator tRNA, and both use initiation factors to form a complex with the small ribosomal subunit that assembles on the mRNA prior to addition of the large subunit. Nevertheless, eukaryotes use a fundamentally distinct method to recognize the mRNA and the start codon, which has important consequences for eukaryotic translation.

Rishi Srivastava

Department of Microbiology Total=20

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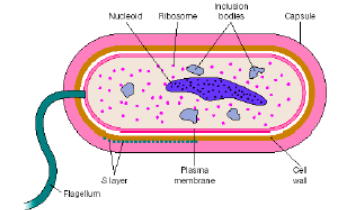
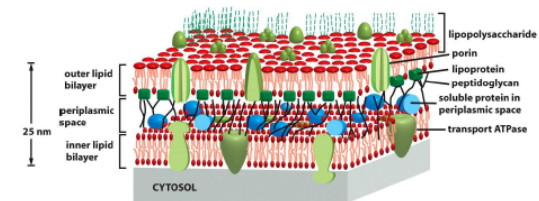
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SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Microbiology	MSC	2 YEAR	Bacterial Cell wall	Bacterial Cell wall	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Microbiology	MSC	2 YEAR	Bacterial Capsule	Bacterial Capsule	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Microbiology	MSC	2 YEAR	Bacterial Cell Division	Bacterial Cell Division	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Microbiology	MSC	2 YEAR	Bacterial Growth Curve	Bacterial Growth Curve	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
5	Science	Microbiology	MSC	1 YEAR	Chlamydia	Chlamydia	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
6	Science	Microbiology	MSC	1 YEAR	Methods in Microbiologycompressed	Methods in Microbiologycompressed	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
7	Science	Microbiology	MSC	2 YEAR	Mycoplasma	Mycoplasma	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
8	Science	Microbiology	MSC	1 YEAR	Peptidoglycan Biosynthesis	Peptidoglycan Biosynthesis	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
9	Science	Microbiology	MSC	2 YEAR	Ribosomal DNA sequencing as a tool for identification	Ribosomal DNA sequencing as a tool for identification	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
10	Science	Microbiology	MSC	1 YEAR	Rickettsia	Rickettsia	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
11	Science	Microbiology	MSC	2 YEAR	Stains and Dyes	Stains and Dyes	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
12	Science	Microbiology	MSC	2 YEAR	Peptidoglycan	Peptidoglycan	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
13	Science	Microbiology	MSC	1 YEAR	Peptidoglycan	Polyphasic Taxonomy	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	RISHI SRIVASTAVA	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

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Bacterial Cell wall



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1	Science	Environmental Science	MSc	1 YEAR	Acid soil Formation	Acid soil Formation	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
2	Science	Environmental Science	MSc	1 YEAR	ATMOSPHERIC SCIENCE	ATMOSPHERIC SCIENCE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
3	Science	Environmental Science	MSc	1 YEAR	CYCAS PINUS	CYCAS PINUS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
4	Science	Environmental Science	MSc	1 YEAR	GEO THERMAL ENERGY	GEO THERMAL ENERGY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
5	Science	Environmental Science	MSc	2 YEAR	GYMNOSPERMS	GYMNOSPERMS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
6	Science	Environmental Science	MSc	2 YEAR	GYMNOSPERMS	GYMNOSPERMS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
7	Science	Environmental Science	MSc	2 YEAR	MANAGEMENT OF ACID SOIL	MANAGEMENT OF ACID SOIL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
8	Science	Environmental Science	MSc	2 YEAR	SALINE AND SODIC SOIL FORMATION	SALINE AND SODIC SOIL FORMATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD
9	Science	Environmental Science	MSc	2 YEAR	SALINE AND SODIC SOIL FORMATION	SALINE AND SODIC SOIL FORMATION	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR VIVEK KUMAR PANDEY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

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Acid soil Formation



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VBS Purvanchal University Jaunpur

Annu Tyagi Dept. of Applied Psychology

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Operant Conditioning L-3

Sometimes called instrumental conditioning / reward learning

→ Learning the r/kup b/w one's actions and their consequences

→ Operant behaviours are controlled by consequences

It is the method of Learning that occurs through rewards and punishment for behaviour, through Operant Conditioning

An association is made b/w the behaviour and the consequence for the behaviour.

→ Operant Behav coined by Skinner

Skinner used the term operant to refer to any active behaviour that operates upon the environment to generate consequences.

⇒ O.C is based on Law of effect given by Thorndike. which states that behaviour that are rewarded are repeated and the (B⁺) that are punished are avoided.

⇒ In OC is a procedure wherein learner perform some action which bring about certain changes in the envmt.

have → i.e. Consequences

Influence likelihood of occurrence or non-occurrence of that behaviour or action.

∴ Learner operate on envmt → Produce consequence → may ↑ or ↓ response

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2	Technical	Technical	Applied Psychology	2 SEMESTER	personality	personality	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	PPT	DOWNLOAD
3	Technical	Technical	Applied Psychology	3 SEMESTER	Problem Solving and decision making	Problem Solving and decision making	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	PPT	DOWNLOAD
4	Technical	Technical	Applied Psychology	2 SEMESTER	PSYCHOMETRIC	PSYCHOMETRIC	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	PPT	DOWNLOAD
5	Technical	Technical	Applied Psychology	3 SEMESTER	History of Cognitive Psychology	History of Cognitive Psychology	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	PPT	DOWNLOAD
6	Technical	Technical	Applied Psychology	2 SEMESTER	COGNITIVE PSYCHOLOGY AND CONSCIOUSNESS	COGNITIVE PSYCHOLOGY AND CONSCIOUSNESS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	TEXT	DOWNLOAD
7	Technical	Technical	Applied Psychology	3 SEMESTER	classical Conditioning	classical Conditioning	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	NOTES	DOWNLOAD
8	Technical	Technical	Applied Psychology	3 SEMESTER	History of Cognitive Psychology	History Of Cognitive Psychology	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	TEXT	DOWNLOAD
9	Technical	Technical	Applied Psychology	2 SEMESTER	LANGUAGE LITERACY AND COGNITION	LANGUAGE	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	TEXT	DOWNLOAD
10	Technical	Technical	Applied Psychology	3 SEMESTER	LEARNING DISABILITY	LEARNING DISABILITY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	PPT	DOWNLOAD
11	Technical	Technical	Applied Psychology	3 SEMESTER	MENTAL HEALTH AWARENESS	MENTAL HEALTH AWARENESS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANNU TYAGI	NA	PPT	DOWNLOAD

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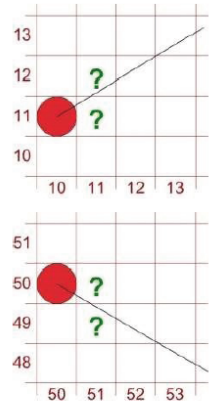
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Bresenham's Line Algorithm

- Uses only incremental integer calculations
- Which pixel to draw ?
 - (11,11) or (11,12) ?
 - (51,50) or (51,49) ?
 - Answered by Bresenham



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1	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	bresenham's algorithm	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEP PRAKASH SINGH	NA	PPT	DOWNLOAD
2	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	CAD	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEP PRAKASH SINGH	NA	PPT	DOWNLOAD
3	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	computer graphics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEP PRAKASH SINGH	NA	PPT	DOWNLOAD
4	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	computer graphics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEP PRAKASH SINGH	NA	PPT	DOWNLOAD
5	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	DDa algorithm	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEP PRAKASH SINGH	NA	PPT	DOWNLOAD
6	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	Output Primitives	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DEEP PRAKASH SINGH	NA	PPT	DOWNLOAD

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Dept. of Mechanical Engineering

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1	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	cam	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
2	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	Materials engineering	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
3	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	materials engineering1	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
4	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	cad 2	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
5	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	ceremic cristal structure	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
6	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	cam2	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
7	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	crystal system	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
8	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	automation product cycle	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
9	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	miller indices	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
10	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	nc machines	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
11	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	linear and planar density	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
12	Technical	Technical	MECHANICAL ENGINEERING	4 SEMESTER	MECHANICAL	imperfection in solids	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	PPT	DOWNLOAD
13	Technical	Technical	electrical engineering	4 SEMESTER	electrical engineering	Basic electrical engineering 5	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	ANKUSH GAURAV	NA	NOTES	DOWNLOAD

12:01 AM 3/16/2023




MATERIALS ENGINEERING

Ankush Gaurav
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2



Dr Kamlesh Pal Dept. of Sociology Total-3

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The screenshot shows a web browser window with the URL heecontent.upsdc.gov.in/SearchContent.aspx. The page has a navigation menu with options: HOME, MESSAGE FROM ACS(HE), LOGIN, ARTICLES, and SEARCH CONTENT FOR STUDENTS. Below the menu is a search box with a 'Search' button and a 'Cancel' button. The search criteria are: 11. CONTENT KEYWORDS: (comma separated, Max.300 Characters). Below the search box is a 'Contents Report!' section with an 'Export To Excel' button. The report contains a table with 12 columns: SNO, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. The table lists three entries related to Value Education in Sociology courses.

SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Social Science	Sociology	B Tech	1 SEMESTER	Value Education	Value Education	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR KAMALESH PAL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
2	Social Science	Sociology	B Tech	1 SEMESTER	Value Education	Self Exploration	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR KAMALESH PAL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD
3	Social Science	Sociology	B Tech	1 SEMESTER	Value Education	human aspirations	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR KAMALESH PAL	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	NOTES	DOWNLOAD

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The image shows the cover page of a chapter titled 'Understanding Value Education'. The chapter number '1' is prominently displayed in the top right corner. Below the title, there is a section for 'LEARNING OBJECTIVES' which states: 'After studying this chapter, you should be able to understand'. This is followed by a list of four objectives: Value Education Concept, Need for Value Education, Various types of Values, and Values in education, and How to deliver the Value Education. The page also features a diagram of stick figures holding hands in a circle, and a small page number '3' in the bottom right corner.

Dr Mahendra Pratap Yadav Dept. of Sociology Total-1

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The screenshot shows the 'SEARCH CONTENT FOR STUDENTS' page on the website. It includes a search form with dropdown menus for 'CREATED BY' (DR MAHENDRA PRATAP YADAV), 'TOPIC NAME' (SELECT), and 'CONTENT TYPE' (SELECT). There is a 'Search' button and a 'Cancel' button. Below the search form is a '11. CONTENT KEYWORDS' section with a text input field and a character limit of 300. An 'Export To Excel' button is located above the 'Contents Report!' table.

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Social Science	Sociology	B Tech	1 SEMESTER	Engineering Economics	economics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MAHENDRA PRATAP YADAV	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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UNIT-1

This unit we will study in two parts-
About Engineering Economics
About Demand Analysis

Also we can divide the part (1) as below-
Meaning, Nature and Scope of Economics
Science, Technology and Engineering
Introduction of Managerial Economics
Meaning, Definition and Scope of Economics:

Word 'Economics' is derived from the ancient Greek word 'Oikonomia' which means household management. It implies that economics is that dominion of Knowledge which is concerned with the management of wants by households. However, as a result of the writings of many economists during the last three centuries, the focus has now shifted from the management of wants to the management resources. The definition of economics has undergone perceptible changes. Broadly speaking, the various definitions of economics can be categorized under four heads- Economics is as a study of 'Wealth': Adam Smith, J.S. Mill, J.B. Say, F.A. Walker etc. are defined economics as the science which deals with wealth.

Economics is as a study of 'Welfare': Alfred Marshal, Prof. Pigou, Canan etc.

Economics is as a study of the problem arising out of the 'Scarcity of Resources': Prof. Lionel Robins, Prof. Eric Roll, Cairn Cross Fried Man etc.

Economics is as a study of 'Growth' : J.M. Keynes etc.

Economics is as a study of 'Wealth':

The roots of the scientific framework of economics can be treated back to Adam Smith's book 'The Wealth of Nation' published in 1976. Adam Smith and supporters defined the economics in the study of wealth and its acquisition and utilization.

According to Adam Smith, "Political economy is the study of nature and causes of the wealth of nation."

According to F. A. Walker, "Economics is the body of knowledge which relates to wealth."

According to J. B. Say, "Economics is the science which treats of wealth."

But these definition has been criticized on the following grounds-

Adam Smith laid all emphasis on wealth but ignored man and his welfare.

He gave restricted meaning of wealth as he included in wealth only material good like tea, biscuits, butter and excluded non-material goods, i.e. services like those of doctor, soldier.

He pre supposed that extence of an economic man who has to satisfy this own interest having no social interest.

This definition makes the earning of wealth an end in itself and ignores the propriety of means to achieve it.

Economics is as a study of 'Welfare':

Dr Sudheer Kumar Upadhyay Dept. of Environmental Science Total-5

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Higher Education x +

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HOME MESSAGE FROM ACS(HE) LOGIN ARTICLES SEARCH CONTENT FOR STUDENTS

(comma separated
Max 300 Characters):

Contents Report! [Export To Excel](#)

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Science	Environmental Science	MSc	1 YEAR	Biodiversity	Biodiversity	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUDHIR KUMAR UPADHYAY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
2	Science	Environmental Science	MSc	1 YEAR	Biodiversity	Biodiversity	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUDHIR KUMAR UPADHYAY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
3	Science	Environmental Science	MSc	2 YEAR	Ex Situ and In Situ	Ex Situ and In Situ	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUDHIR KUMAR UPADHYAY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
4	Science	Environmental Science	MSc	2 YEAR	Restoration Ecology	Restoration Ecology	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUDHIR KUMAR UPADHYAY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD
5	Science	Environmental Science	MSc	2 YEAR	SUSTAINABLE DEVELOPMENT	SUSTAINABLE DEVELOPMENT	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR SUDHIR KUMAR UPADHYAY	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	TEXT	DOWNLOAD

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III.1

Biodiversity: Concepts, Patterns, and Measurement

Robert K. Colwell

OUTLINE

1. What is biodiversity?
2. Relative abundance: Common species and rare ones
3. Measuring and estimating species richness
4. Species diversity indices
5. The spatial organization of biodiversity
6. Estimating β and γ diversity from samples
7. Species-area relations

Life on Earth is diverse at many levels, beginning with genes and extending to the wealth and complexity of species, life forms, and functional roles, organized in spatial patterns from biological communities to ecosystems, regions, and beyond. The study of biodiversity encompasses the discovery, description, and analysis of the elements that underlie these patterns as well as the patterns themselves. The challenge of quantifying patterns of diversity at the species level, even when the organisms are known to science, is complicated by the problem of detecting rare species and the underlying complexity of the environmental template.

GLOSSARY

α , β , and γ diversity. The species diversity (or richness) of a local community or habitat (α), the difference in diversity associated with differences in habitat or spatial scale (β), and the total diversity of a region or other spatial unit (γ)

biodiversity. The variety of life, at all levels of organization, classified both by evolutionary (phylogenetic) and ecological (functional) criteria

diversity index. A mathematical expression that combines species richness and evenness as a measure of diversity

evenness. A measure of the homogeneity of abundances in a sample or a community

functional diversity. The variety and number of species that fulfill different functional roles in a community or ecosystem

rarefaction curve. The statistical expectation of the number of species in a survey or collection as a function of the accumulated number of individuals or samples, based on resampling from an observed sample set

relative abundance. The quantitative pattern of rarity and commonness among species in a sample or a community

richness estimator. A statistical estimate of the true species richness of a community or larger sampling universe, including unobserved species, based on sample data

species accumulation curve. The observed number of species in a survey or collection as a function of the accumulated number of individuals or samples

species-area relation. The generally decelerating but ever-increasing number of species as sampling area increases

species richness. The number of species in a community, in a landscape or marinescape, or in a region

1. WHAT IS BIODIVERSITY?

Although E. O. Wilson first used the term *biodiversity* in the literature in 1988, the concept of biological diversity from which it arose had been developing since the nineteenth century and continues to be widely used. Biodiversity encompasses the variety of life, at all levels of organization, classified both by evolutionary (phylogenetic) and ecological (functional) criteria. At the level of biological populations, genetic variation among individual organisms and among lineages contributes

Hemant Kumar Singh Dept. of Mechanical Engineering Total-12

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Higher Education

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Contents Report!

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Carburettor	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
2	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Carburetor2	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	TEXT	DOWNLOAD
3	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Carburetor3	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
4	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Carburetor4	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
5	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Diesel cycle	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	NOTES	DOWNLOAD
6	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Dual cycle	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
7	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Fuels part 1	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
8	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Fuels part 2	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
9	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	Fuels part 3	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
10	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	engine	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	TEXT	DOWNLOAD
11	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	ODD comparison	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	PPT	DOWNLOAD
12	Technical	Technical	MECHANICAL ENGINEERING	6 SEMESTER	MECHENICAL	otto cycle	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	HEMANT KUMAR SINGH	NA	NOTES	DOWNLOAD

3:56 AM
3/16/2023

CARBURETTOR

- Carburettor is a device for atomizing and vaporizing the fuel and mixing it with the air in varying proportions to suit the entire operating range of SI engines.
- The process of breaking up and mixing the fuel with the air is called carburetion.

Prof Ajai Pratap Singh

Dept. of Applied Psychology

Total-9

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The screenshot shows a web browser window with the URL heecontent.upsdc.gov.in/SearchContent.aspx. The page displays a 'Contents Report!' with a table of 9 items. The table columns are: SNO, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. An 'Export To Excel' button is visible above the table.

SNO	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Technical	Technical	Applied Psychology	4 SEMESTER	DATA ANALYSIS	DATA ANALYSIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	AUDIO/VIDEO
2	Technical	Technical	Applied Psychology	4 SEMESTER	DATA ANALYSIS	DATA ANALYSIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	AUDIO/VIDEO
3	Technical	Technical	Applied Psychology	4 SEMESTER	DATA ANALYSIS	DATA ANALYSIS	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	AUDIO/VIDEO
4	Technical	Technical	Applied Psychology	2 SEMESTER	Data Screening and Analysis	Data Screening and Analysis	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	DOWNLOAD
5	Technical	Technical	Applied Psychology	3 SEMESTER	Foundations of Research	Foundations of Research	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	DOWNLOAD
6	Technical	Technical	Applied Psychology	3 SEMESTER	Issues in Social Research	Issues in Social Research	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	DOWNLOAD
7	Technical	Technical	Applied Psychology	1 SEMESTER	Preliminary Concepts in Statistics	Preliminary Concepts in Statistics	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	DOWNLOAD
8	Technical	Technical	Applied Psychology	1 SEMESTER	Stress and Health	Stress and Health	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	DOWNLOAD
9	Technical	Technical	Applied Psychology	1 SEMESTER	What and why of data analysis	What and why of data analysis	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PROF AJAI PRATAP SINGH	NA	PPT	DOWNLOAD

The slide features a title 'What and why of data analysis I' in large black font. Below the title, the author's name 'Prof. Ajai Pratap Singh' is listed, followed by his affiliation: 'Dept. of Applied Psychology, VBS Purvanchal University Jaunpur, Uttar Pradesh'. The contact email 'ajaisingh27@gmail.com' is displayed in red. A small video feed of the professor is visible in the top right corner of the slide.


Dr Awadhesh Kumar Maurya Department of Psychology Total-7

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SN	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Social Science	Psychology	MA	2 YEAR	Psychometric methods	concept of psychometric methods, manomiti vidhiya	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADHESH KUMAR MAURYA	Shri Agrasen Mahila Snatkottar Mahavidyalaya Azamgarh (Id: C-16055)	NOTES	DOWNLOAD
2	Social Science	Psychology	MA	2 YEAR	scaling	scaling, fundamental issues with numbers	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADHESH KUMAR MAURYA	Shri Agrasen Mahila Snatkottar Mahavidyalaya Azamgarh (Id: C-16055)	NOTES	DOWNLOAD
3	Social Science	Psychology	MA	2 YEAR	scales of measurement	nominal, ordinal, interval, ratio scale	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADHESH KUMAR MAURYA	Shri Agrasen Mahila Snatkottar Mahavidyalaya Azamgarh (Id: C-16055)	NOTES	DOWNLOAD
4	Social Science	Psychology	MA	2 YEAR	PSYCHOLOGICAL MEASUREMENT AND SCALE	Levels of measurement Nominal, Ordinal, Interval and Ratio scale	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADHESH KUMAR MAURYA	Shri Agrasen Mahila Snatkottar Mahavidyalaya Azamgarh (Id: C-16055)	NOTES	DOWNLOAD
5	Social Science	Psychology	MA	2 YEAR	PSYCHOLOGICAL MEASUREMENT AND SCALE	Scaling	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADHESH KUMAR MAURYA	Shri Agrasen Mahila Snatkottar Mahavidyalaya Azamgarh (Id: C-16055)	NOTES	DOWNLOAD
6	Social Science	Psychology	MA	2 YEAR	PSYCHOLOGICAL MEASUREMENT AND SCALE	Concept of Psychometric	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADHESH KUMAR MAURYA	Shri Agrasen Mahila Snatkottar Mahavidyalaya Azamgarh (Id: C-16055)	NOTES	DOWNLOAD
7	Social Science	Psychology	MA	2 YEAR	PSYCHOLOGICAL SCALE LEVEL OF MEASUREMENT	scales of measurement	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR AWADHESH KUMAR MAURYA	Shri Agrasen Mahila Snatkottar Mahavidyalaya Azamgarh (Id: C-16055)	NOTES	DOWNLOAD

E-Content



श्री अग्रसेन महिला महाविद्यालय
आजमगढ़
सम्बन्ध - वीर बहादुर सिंह पूर्वांचल विश्वविद्यालय जौनपुर (००९०)



M.A. 2nd year

Subject- Psychology
(मनोविज्ञान)


Unit – 1st

Paper- I: Psychometric Methods

Topic: Concepts of Psychometric
Sub topic: Psychometric
Key words: मनोमिति विधियाँ, मापन, भौतिक मापन, मनोवैज्ञानिक मापन

By
Dr. Awadhesh Kumar Maurya

Assistant Professor
Dept. of Psychology
November, 2020



SONEE YADAV
Department of Sociology
total=1

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- UNIVERSITY NAME: Veer Bahadur Singh Purvanchal University, Jaunpur (Id: ...)
- STREAM NAME: SELECT
- SUBJECT NAME: SELECT
- CREATED BY: SONEE YADAV
- TOPIC NAME: SELECT
- CONTENT TYPE: SELECT

Below the search form is a text input field for "11. CONTENT KEYWORDS:" with a "Search" button and a "Cancel" button. Below that is a "Contents Report!" section with an "Export To Excel" button. The report contains the following table:

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Social Science	Sociology	B.Tech	1 SEMESTER	Fundamentals of Technical Communication	Fundamentals of Technical Communication	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SONEE YADAV	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	PPT	DOWNLOAD

Unit- I

Fundamentals of Technical Communication

DR MANOJ KUMAR PANDEY

Department of Applied Psychology total=10

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The screenshot shows a web browser window with the URL heecontent.upsdc.gov.in/SearchContent.aspx. The page displays a 'Contents Report!' with a table of search results. The table has 12 columns: SNo, STREAM NAME, SUBJECT NAME, COURSE NAME, YEAR SEMESTER, TOPIC NAME, SEARCH KEYWORD LIST, CREATED BY UNIVERSITY, CREATED BY, COLLEGE NAME, CONTENT TYPE, and DOCUMENT. Three results are visible, all for 'Applied Psychology' in the 1st semester. The first result is 'Foundations of Research' with a search keyword of 'foundations of research'. The second is 'Introduction to Community Psychology' with a search keyword of 'Introduction to Community Psychology'. The third is '2 Goals of Research in Psychology and Nature of Psychological Research' with a search keyword of 'Goals of Research in Psychology and Nature of Psychological Research'. All results are created by 'DR MANOJ KUMAR PANDEY' at 'Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)' and are in PPT format. Each result has a 'DOWNLOAD' link. An 'Export To Excel' button is located at the top right of the table area.

SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Technical	Technical	Applied Psychology	1 SEMESTER	Foundations of Research	foundations of research	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ KUMAR PANDEY	NA	PPT	DOWNLOAD
2	Technical	Technical	Applied Psychology	1 SEMESTER	Introduction to Community Psychology	Introduction to Community Psychology	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ KUMAR PANDEY	NA	PPT	DOWNLOAD
3	Technical	Technical	Applied Psychology	1 SEMESTER	2 Goals of Research in Psychology and Nature of Psychological Research	Goals of Research in Psychology and Nature of Psychological Research	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	DR MANOJ KUMAR PANDEY	NA	PPT	DOWNLOAD

FOUNDATIONS OF RESEARCH

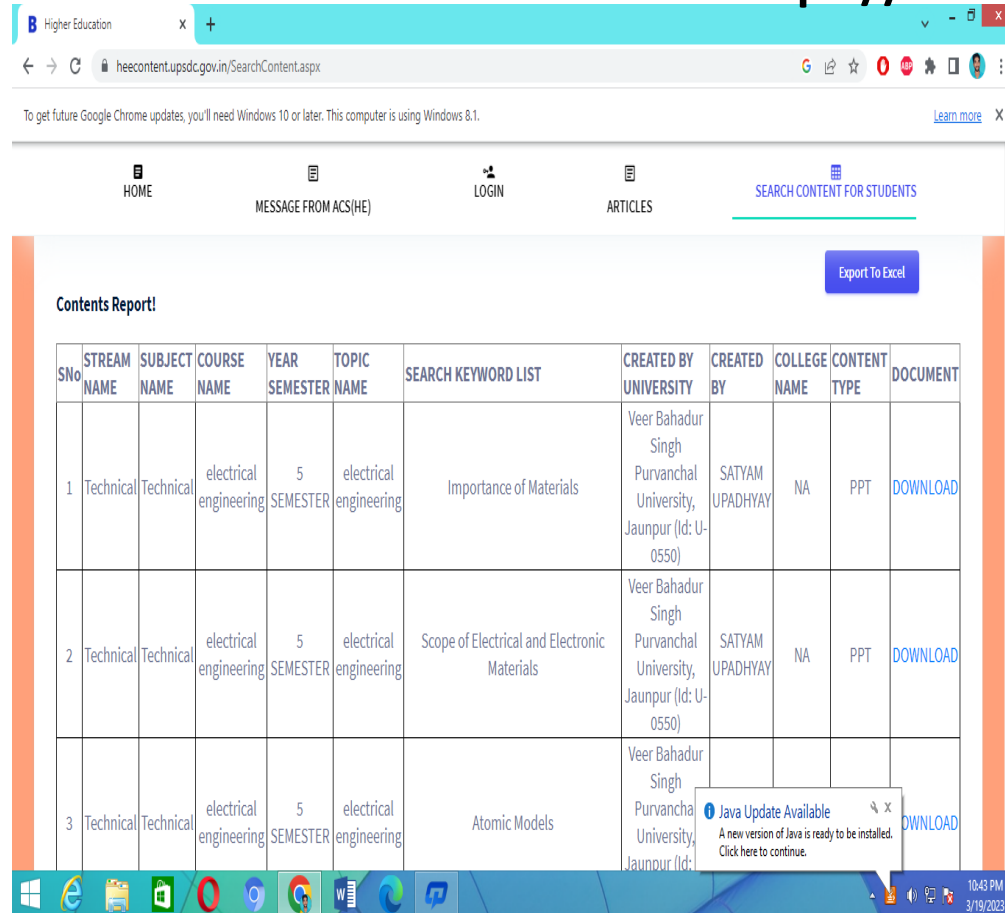
DR. MANOJ KUMAR PANDEY
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DEPARTMENT OF APPLIED PSYCHOLOGY
VEER BHADUR SINGH PURVANCHAL UNIVERSITY, JAUNPUR

SATYAM UPADHYAY

Department of electrical engineering

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SNo	STREAM NAME	SUBJECT NAME	COURSE NAME	YEAR SEMESTER	TOPIC NAME	SEARCH KEYWORD LIST	CREATED BY UNIVERSITY	CREATED BY	COLLEGE NAME	CONTENT TYPE	DOCUMENT
1	Technical	Technical	electrical engineering	5 SEMESTER	electrical engineering	Importance of Materials	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SATYAM UPADHYAY	NA	PPT	DOWNLOAD
2	Technical	Technical	electrical engineering	5 SEMESTER	electrical engineering	Scope of Electrical and Electronic Materials	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SATYAM UPADHYAY	NA	PPT	DOWNLOAD
3	Technical	Technical	electrical engineering	5 SEMESTER	electrical engineering	Atomic Models	Veer Bahadur Singh Purvanchal University, Jaunpur (Id: U-0550)	SATYAM UPADHYAY	NA	PPT	DOWNLOAD

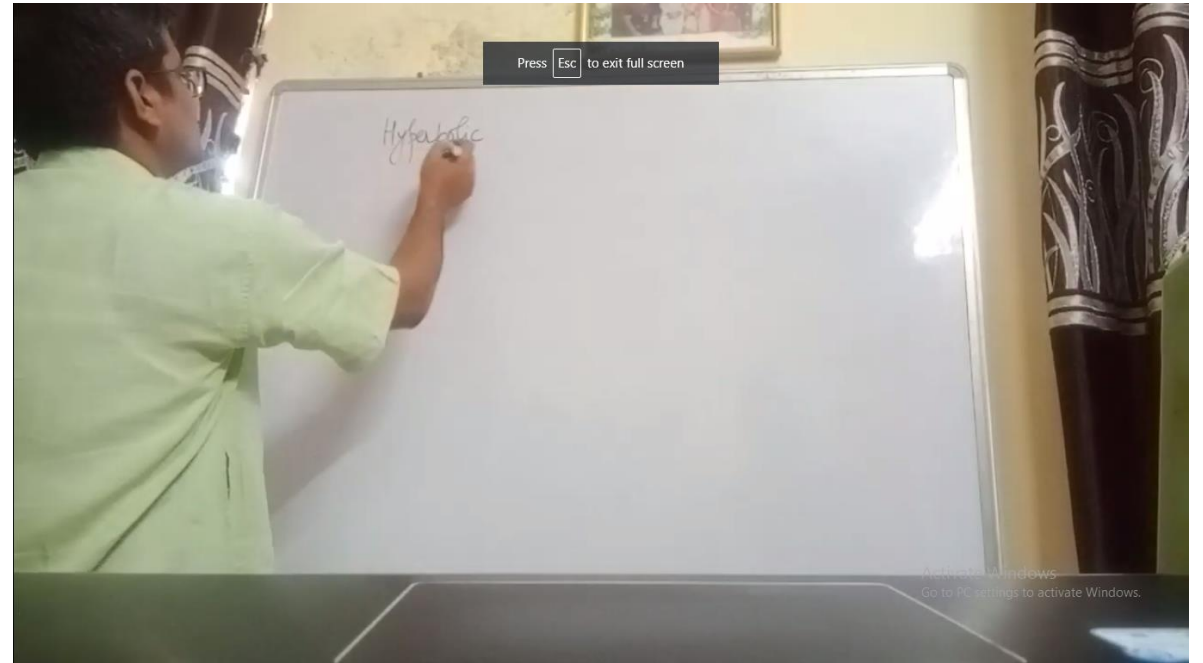
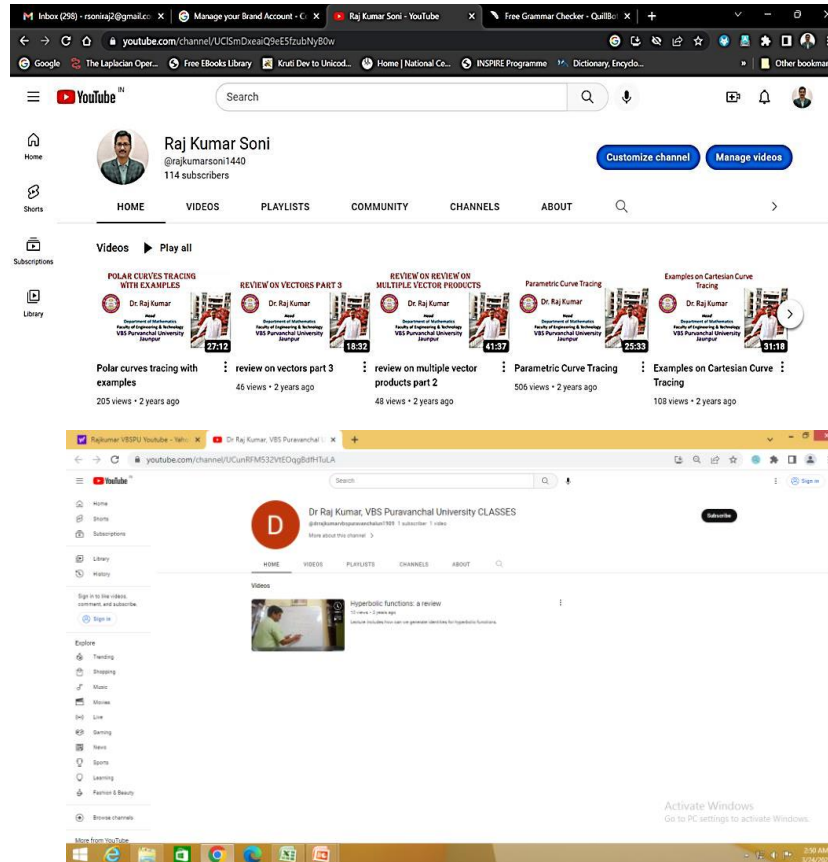
Importance of Materials

- Use of materials is an indispensable requirement for the development of engineering and technology.
- They provide the basis for manufacturing, fabrication, operations, and constructions etc.
- It may be the construction of a building, manufacturing of a machine, generation of electricity, transmission of message from one place to another, or control instruments; they all make use of some materials.
- These materials are of different natures viz., R.C.C. (reinforced cement concrete), steel and iron, copper and aluminium, mica and rubber, alloy and glass etc.

Depending upon the areas in which they are used, the materials may be known as

1. Civil engineering materials,
2. Electrical engineering materials,
3. Mechanical engineering materials,
4. Electronics engineering materials,
5. Nuclear engineering materials, and
6. Computer engineering materials etc.

DR. Raj Kumar Soni, Deptt of Mathematics Total 6 videos



https://www.youtube.com/watch?v=D4JaFs_Om7I

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Electron Spin Resonance Spectroscopy

Dr. Nitesh Jaiswal
Asst. Professor
Department of Chemistry, RBIPS
VBS Purnanchal University Jaunpur

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- <https://www.youtube.com/watch?v=I0m5DhbxVQA>
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- <https://www.youtube.com/watch?v=VT4CwyEM7Bg>