

SIVA SIVANI DEGREE COLLEGE - KOMPALLY, SECUNDERABAD

B.Sc II DS (A)

<p>Date: 18/04/24 Day: THURSDAY Machine Learning (B. Latha)</p>	<ol style="list-style-type: none"> 1) Explain about, feature pruning, Normalization & bias-Variance-Trade off 2) Write about improved generalization (voting & Averaging) 3) Discuss Convex surrogate loss function in M.L? 4) Explain SVM? 5) Explain Debugging learning algorithm
<p>Date: 12/04/24 Day: FRIDAY Stats (G. Kruthi)</p>	<ol style="list-style-type: none"> 1) state and prove Neymann Pearson's Lemma. 2) Explain in detail about null hypothesis, alternative, simple composite hypothesis. 3) Explain types of errors. and critical region, level of significance, 4) what is testing of hypothesis. explain the procedure of testing of hypothesis 5) what is large sample. explain the role of Normal distⁿ in large sample.
<p>Date: 13/04/24 Day: SATURDAY English (C. Srisha) Stats (G. Kruthi)</p>	<ol style="list-style-type: none"> 1) Describe in your own words a) the setting of the poem and b) what the traveller saw 2) Who is Ozymandias in the poem, what do we know of the character of Ozymandias? what is Shelley's attitude towards Ozymandias & why 3) In the context of the poem elaborate power and authority are temporary 4) Explain procedure of test for a single proposition, if $n=900$, $x=335$, whether the dice is unbiased. 5) Explain test for two proportions. method in detail.

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<p>Date: 15/04/24</p> <p>Day: MONDAY</p> <p>Maths (Krishna Reddy)</p>	<p>1) S.T the $GL_2(\mathbb{R}) = \left\{ \begin{bmatrix} a & b \\ c & d \end{bmatrix} \mid a, b, c, d \in \mathbb{R}, ad - bc \neq 0 \right\}$ is a group under addition & multiplication</p> <p>2) state & prove two step subgroup theorem</p> <p>3) state & prove cyclic three fundamental theorem of cyclic groups</p> <p>4) state & prove uniqueness of Identity and inverse property.</p> <p>5) EVERY subgroup of a cyclic group is cyclic.</p>
<p>Date: 16/04/24</p> <p>Day: TUESDAY</p> <p>S/L Chitkala-3</p> <p>Machine Learning</p> <p>B. Latha</p>	<p>1) शरीर कान का परिचय दीजिए। (1) प. 1, काल, शरीर का रचना, 2, 3, 4, 5, 6, 7, 8, 9, 10 संख्या</p> <p>2) "मीरा बाई" का जीवन परिचय (2) 1, 2, 3, 4, 5 संख्या In 10th Lesson</p> <p>3) रेडीम जी का जीवन परिचय (3) 6, 7, 8, 9, 10 संख्या " " " " 1</p> <p>4) Explain perception learning algorithm with example?</p> <p>5) What is Geometric Interpretation? Explain interpreting perception weights & linear separability</p>
<p>Date: 17/04/24</p> <p>Day: WEDNESDAY</p> <p>LMS (Tarangini)</p> <p>maths (P. Krishna Reddy)</p>	<p>1) Define Leadership? Discuss Characteristics of Leadership?</p> <p>2) Discuss about Leadership styles?</p> <p>3)</p> <p>4) In a group G $\forall a, b \in G$ $(ab)^2 = a^2 b^2 \Leftrightarrow G$ is abelian.</p> <p>5) (i) In a group G for every $a \in G$, $a^2 = e$ then p.t G is abelian (ii) $(ab)^{-1} = b^{-1} a^{-1}$ $\forall a, b \in G$</p>

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B.Sc II DS (B)

<p>Date: 15/04/24 Day: MONDAY Stats (J. Kruthi)</p>	<ol style="list-style-type: none"> 1) State and prove Neyman's Pearson's lemma. 2) Explain in detail about Null, alternative, simple, composite hypothesis. 3) Explain types of errors and critical region, level of significance. 4) What is Testing of hypothesis. Explain procedure of testing of hypothesis. 5) What is large sample. Explain the role of Normal distⁿ in large sample. 	
<p>Date: 16/04/24 Day: TUESDAY S/L Srikanth 3 Maths (K. Mohan) 2</p>	<ol style="list-style-type: none"> 1) शीरा का पर्याय शब्द 2) शीरा के पर्याय शब्द 3) शीरा का पर्याय शब्द 	<p>word to word meaning - ①② Word to word meaning - ③④ word to word meaning - ⑤⑥</p> <ol style="list-style-type: none"> 4) State and prove Lagrange's theorem on groups. 5) state and prove first Isomorphism theorem.
<p>Date: 17/04/24 Day: WEDNESDAY Maths (Krishna Mohan)</p>	<ol style="list-style-type: none"> 1) S.T the set $GL(2, \mathbb{R}) = \left\{ \begin{pmatrix} a & b \\ c & d \end{pmatrix} / a, b, c, d \in \mathbb{R} \text{ and } ad - bc \neq 0 \right\}$ is a group under multiplication. Is it abelian. 2) a & b are two elements of a group. $(ab)^n = a^n b^n$ hence S.T $(ab)^{-1} = a^{-1} b^{-1}$ is it true for non abelian. 3) In a group G, $a, b \in G$, $a = 5$, $b \neq e$ & $aba^{-1} = b^2$ find b 4) state and prove one step sub group theorem. 5) Every sub group of a cyclic group is cyclic. 	

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<p>Date: 18/04/24 Day: THURSDAY Stats (G. Knuthi)</p>	<ol style="list-style-type: none"> 1) Explain the procedure of test for single proposition. if $n=900$, $x=345$, whether dice is Unbiased. 2) Explain the test for two propositions method in detail. 3) Explain about test for a single mean. 4) Explain test for two means. 5) explain test for single variance.
<p>Date: 12/04/24 Day: FRIDAY Machine Learning (B. latha)</p>	<ol style="list-style-type: none"> 1) Explain perception learning algorithm? with Example. 2) What is Geometric Interpretation? Explain interpreting perceptron weights & linear Separability 3) Explain about feature pruning, Normalization & bias - Variance - trade off 4) Write about improved generalization (voting & Averaging) 5) Discuss Convent Surrogate loss function in M.L?
<p>Date: 13/04/24 Day: SATURDAY English (shebin) 3 machine Learning (latha) 2</p>	<ol style="list-style-type: none"> 1) Significance of the title 'Ozymandias'? 2) What is a memo, guidelines to write memo and draft a format. 3) What aspects of human nature does Chekhov show his readers through this story? 4) Explain SVM? 5) Explain Debugging learning algorithm?

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B.Sc II R

<p>Date: 15/04/24 Day: MONDAY Stats (Nagarjuna)</p>	<ol style="list-style-type: none"> 1) Define large sample test also explain about General procedure for large sample test 2) Explain the procedure for single proportion & difference of proportions. 3) Explain the procedure difference two correlation co-efficients. 4) Explain Fisher's z-transformation also explain about test for single correlation co-efficient. 5) Explain the test procedure for difference of means & SDs in large sample. 		
<p>Date: 16/04 Day: TUESDAY DBMS (S. madhavi)</p>	<ol style="list-style-type: none"> 1) Define transaction. Explain about ACID properties 2) Explain transaction management with SQL & transaction log. 3) Explain about Lost updates, ^{uncommitted data} in detail 4) Explain about Inconsistent retrievals & The scheduler 5) Explain about Lock Granularity 		
<p>Date: 17/04/24 Day: WEDNESDAY S/L (Omprakash) English (C. sirisha)</p>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1) शक्ति का अर्थ और परिभाषा 2) शक्ति का अर्थ और परिभाषा </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. प्राथमिक:- 1, 2 2. प्राथमिक:- 3, 4 </td> </tr> </table> <ol style="list-style-type: none"> 3) In the context of Poem elaborate Power and authority are temporary 4) b) Life is brief; art is permanent 5) c) Human achievements are insignificant in the face of nature 	<ol style="list-style-type: none"> 1) शक्ति का अर्थ और परिभाषा 2) शक्ति का अर्थ और परिभाषा 	<ol style="list-style-type: none"> 1. प्राथमिक:- 1, 2 2. प्राथमिक:- 3, 4
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B.Sc II R

<p>Date: 18/04/24 Day: THURSDAY Maths (Sandhya)</p>	<p>1) Define $Z(G)$. sh $Z(G)$ is a normal subgroup of G 2) state & prove Lagrange's theorem & write about converse 3) state & prove first isomorphism theorem 4) i) state & prove Cayley's theorem ii) let G be a group & $a, b \in G$ & H is a subgroup of G then sh a) $aH = bH \Leftrightarrow a \in bH$ b) aH is a s.g of $G \Leftrightarrow a \in H$ 5) Define a characteristic of a ring R. Pt the characteristic of an I.D is either zero or prime</p>
<p>Date: 12/04/24 Day: FRIDAY DBMS (ps. Ravi Kumar)</p>	<p>1) Define DBMS. Explain various database system applications 2) explain various data models 3) Describe DBMS Architecture in detail with a neat and labelled diagram 4) Explain different types of joins with examples 5) Explain various integrity constraints with example for each</p>
<p>Date: 13/04/24 Day: SATURDAY Python (B. Latha) LMS (Tarangini)</p>	<p>1) Explain lists? Write about string slicing? 2) Write about lists? Explain negative indexing & slicing of lists 3) Write about built in functions in lists with example programs 4) Define Leadership? Discuss Characteristics of Leadership? 5) Discuss about Leadership styles?</p>

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<p>Date: 15/04/24 Day: MONDAY Python (B. Iatha) 3 LMS (Tarangini) 2</p>	<p>1) Explain dists? Write about string slicing? 2) Write about lists? Explain Negative indexing & slicing 3) Write about built in functions in lists with example program 4) Define Leadership? Discuss Characteristics of Leadership? 5) Discuss about Leadership styles?</p>	
<p>Date: 16/04/24 Day: TUESDAY SL (Anil) - 3 Maths (Krishna Mahan) 2 Srishti 2</p>	<p>1) प्रतिपदार्थ ① & ② 2) प्रतिपदार्थ ③ & ④ 3) प्रतिपदार्थ ⑤ & ⑥ 4) Summary of the prose "Packing" 5) Summary of the Poem "My last Duchess"</p>	<p>1. शिवकाल का परिचय दीजिए। 2. मीरा के पद "आरति" 3. 2 दिव्य जी का जीवन परिचय</p>
<p>Date: 17/04/24 Day: WEDNESDAY Ele / Stats (praveen / J. K. Suthi)</p>	<p>1) ^{stats:} state & prove Neymann's pearson's lemma. 2) Explain Null, alternative, simple, composite hypothesis. 3) Explain types of errors, critical region, level of significance. 4) what is testing of hypothesis. explain procedure of testing of hypothesis. 5) what is large sample. explain the role of normal dist in large sample.</p>	<p>① Explain sine wave generator by using OP-AMP ② Explain block diagram of SSS timer ③ Explain square & triangular wave genera by using OP AMP ④ Explain A stable multi vibrator by using SSS timer ⑤ Explain monostable multivibrator using SSS timer</p>

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<p>Date: 18/04/24 Day: THURSDAY DBMS (S. madhavi)</p>	<ol style="list-style-type: none"> 1) What is a transaction? Explain about transaction properties. 2) Explain about transaction management in SQL & transaction log. 3) Explain about lost updates & uncommitted data in detail. 4) Explain about Inconsistent Retrievals & the scheduler. 5) Explain about Lock Granularity.
<p>Date: 12/04/24 Day: FRIDAY Maths (Krishna Mohan)</p>	<ol style="list-style-type: none"> 1) S.T the set $GL(2, R) = \left\{ \begin{pmatrix} a & b \\ c & d \end{pmatrix} / a, b, c, d \in R, ad - bc \neq 0 \right\}$ is a group under multiplication. Is it abelian. 2) a & b are two elements of an abelian group. $(ab)^n = a^n b^n$ hence s.t $(ab)^{-1} = a^{-1} b^{-1}$ is it true for non abelian. 3) In a group G, $a, b \in G$, $a = 5$, $b \neq e$, $aba^{-1} = b^2$ find b. 4) state and prove one step sub group theorem. 5) Every sub group of a cyclic group is cyclic.
<p>Date: 13/04/24 Day: SATURDAY DBMS (Satyakala)</p>	<ol style="list-style-type: none"> 1) Define Entity, attributes. Explain different types of attributes. 2) Explain generalization and specialization in detail. 3) What is a key? Explain different types of keys. 4) Define a relationship. Explain degree of relationship with examples. 5) What is cardinality ratio? Explain different types in detail.