Compiler Design winter since in the 1) Intrurecióne Code Gruneration 2) In tumediate Languages prefix & postix 3) Quadruple triple - indirect triple RCP 4) Dyntax thee Evaluation of expression -5) Synthesized attributes - Inhousted attributes 6) Intermediate larguages - Declarations 1) Assignment Statements. 8) Boolean Expression, case statements 9) Back patching - Procedure calls 10) code generation 11) issues in the design of code Generator 12) The Target Machine - Reintime Storage Mymnt. 13) A simple code generator 14) code generation algorithm 15) Register and Address Descriptors 16) Generating code of Assignment 17) Coss compiler - T diagrams 18) issues in cross compilers.

Unit-5 1. Code Opternization 2. Intro - Pouncipal Sources of Optimization 3. Function preserving Transformation 600) Optimization Optimization of boxic blocks Building Expression of DAG Peephole Optimization Basic blocks, flow Graphy 8. Mext-use information 9. Intro to Global Data flow analysis 10. Computation of gen and kill Computation of in and out 11. parameter passing 13. Runtime anvironments Source language issues 14. Storage Organization 15. 16. Activation Records 5 torage allocation strategies. 17. 18.

Syllabus Urit 425 2) Pitfalls in Relational Palabase, Decom-Posing bad Echema 1) Relational Algebra 3) Functional Dependently 4) Coore of FD Det 5) Choured Attributes 6) Irreducible Det of FD 2) Normalization - INJ, 3NF, 2NF 8) Decomposition using FD dependency 9) BUNF 10) Musi valued dependency 12) Join dependency LINZ 11) 4NF 1) Transaction where, properties of Harvsaction of transaction Log bowed recovery

Deriguez ability 3) roxing for serializability System Recovery con award control

DBMS

uncurrent executions of ransaction (Clonewary

8) Louring mechanism sol Dead Tour 10) two Phase locking, isolation, intail

NRA

- 1) Raltons, Networks + Routing Injo
- 2) Routing Table
- 3) common of Rouning Into
- 4) RIPVI, RIPV2
- 5) IGRP
- 6) E1GRP, Rowe Redis.
- 7) OSPF. Probows
- 8) OSPFParret
- 9) Integrated IS IS 19 IS-25 WOSPF!
- 1) IP Traffic Engineery
- 2) Application View
- 13) Traytic ergineou ny: An
- H) Traffic Enginering: A four Node
- 15) Both operations
- (C) BUP DECISION
 - 17) Intomal BUP
 - (8) Protocol Message format.

-) Rouring in wirelus Networks
- 2) Classification of
- rowning Provocof 3) Toble Driven Rowlig Provocols: DSDN RP
- 4) Clubron Head Gatas
 - 5) on demand routing Probacol
 - M. James Durans e) ray Hoc as Deward + DURP
 - 7) My bad Rowing
 - 8) Zone Routing (Provocal
 - 9) Routing Propuls with estice anti- tooding
 - n) ophinized line
 - 11) Mierarchica Routing
 - 12) POWOT AWOUR Routing
 - 13) Toward Next Gran
 - A)MPLS
 - 15) Generall SED MPLO
 16) Routing & Treathic with MPLO

(3) PST N.

=1) SSL/TLS-Bouic Protocol 2) computing theres 3) Chentauthenhicehon 4) PKI asaplayed bysh 5) SSI Arachstixed in 13 6) exportability 7) Enwaing 8) Broupped Record 9) Handshake mestage 10) charge copherwel Alous 11) SET

- 1) Wireless Decurity. 1ECE 802. 11WLA 2) Authoritication
- 3) Muther tication 2 contidentication 2 4) culthone Security
- 5) 6754(26) Decury
- Deway in UMTS (24)
- 7) Wivelus LAN Vulnerabilitées 8) Prabring
- 9) Buffor overflow
- 10) Format spring Arracks
- n) XSS injection
 - (3) Case suches Source Payment

Pransachons Virulual Elections

AI

- 1) Planning-Planning Problems, Simple Planningeg ent
- 2) Pariring languages
- 3) Blocks World
 - 4) Goal stack plans of
 - 5) Mean Gras Analysis
 - 6) Non Linear flanning
 - t) Conditional planny
 - A) Reactive Learning

Machine l'eouring

Leaving concepts mobile

- > Artificial nounal net lassed lowering Back
- > Dupport rector machine
 - 7 Reinforment le country

- -) Adaphicolean ring
 - > Mulriagent based
 - 7 Ensemble learning
 - JOECIDION Making
 - > Distributed learing

一切のために

REPERTY.

> Expert bystem Architecture 7 Pros & cors of export bysrun -> Rulebased bystems -> Frame based experts ystem -> Case study -> NLP, Levels of NLP -> byntactich benantic Analysis -> Information retricted -> 1 ngo expaction -> ractine ranslations -> NLP APPlications -> Advance topics -> Bushess intelligence 7 Donnment-Analysis -> Deep learning Algo -> Plartring & logic in intelligentagent