



**BHARATHIDASAN UNIVERSITY
CENTRE FOR DISTANCE EDUCATION
TIRUCHIRAPALLI-620 024.**

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DIRECTOR i/c.

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NOTIFICATION

Submission of Assignments is a component of the CIA for theory papers of MCA Programme. (V Semester) In this connection students are directed to read the instructions carefully before preparing the assignments. The list of topics for assignments for each paper is furnished below:

MCA 2018 – 2021Batch (V Semester) Assignment Topics

Any two topics in each paper must be chosen by the candidate

- 4. Computer Networks (P16MCA26)**
 - d. Write about data link layer and its functions.
 - e. Describe any three Routing algorithms.
 - f. Give a detailed note on Network Security.
- 5. Smart Devices Programming (P16MCA27)**
 - d. Give a detailed note on user interface
 - e. Write a brief account on persisting data & database
 - f. Summarize the performance of Interacting with device Hardware and Media
- 6. Optimization Techniques (P16MCA28)**
 - d. Solve any two Problems - (a) Simplex method
(b) Transportation problem
(c) Assignment problem
 - e. Explain various Inventory models with example problems
 - f. Describe the Replacement theory.
- 4. Network Security (Elective-IV) P16MCAE11)**
 - a. Write about Symmetric Ciphers
 - b. Explain briefly about Network Security Practices
 - c. Give a detailed account on Intruders and Malicious Software
- 5. Compiler Design (Elective-V) P16MCAE13)**
 - a. Give a detailed note on different Parser.
 - b. Write a issues in the design of code generator.
 - c. Write a brief account on Sources of Optimization

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Note: The candidates are instructed to visit our website (www.bdu.ac.in/cde) for Assignment topics, Venue of the Exam Centre, Exam Time Table and Results.

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