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**NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR**  
HAMIRPUR (H.P.) - 177 005 (INDIA)

(An Institute of National Importance under Ministry of HRD)

संगणक विज्ञान एवम् अभियांत्रिकी विभाग  
Department of Computer Science & Engineering

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## **Mobile Computing (CSD-422) Assignment-1**

AS01/2020

SEMESTER-VIII

CLASS-Dual Degree (CSE) VIII Sem + B.Tech. (CSE) VIII Sem

**All Assignment will be checked and evaluated by plagiarism software.**

**LAST DATE OF ONLINE SUBMISSION: 03/04/2020**

**Submit your assignment in pdf format with Name and roll No**

**To E-mail only: [lokeshhamirpur@gmail.com](mailto:lokeshhamirpur@gmail.com)**

### **Attempt All Questions:**

1. The highest bit rate in the **WiFi** standards of 802.11a/g uses the QAM64 modulation and a convolutional code of rate  $3/4$ . Derive the physical layer data rate (in Mbps) obtained by this modulation and coding scheme.
2. What is HIPERACCESS?