

MANNAM MEMORIAL NSS COLLEGE, KOTTIYAM

STUDENT ENROLMENT LIST

Name of department : Physics

Name of course : Internet Services (2022-23)

Sl No	Name of Student	Signature
1	Amal A	Amal
2	Doishya Mol S	Doishya
3	Arsha S	Arsha
4	Bhavana S	Bhv
5	B.S. Sreesankar	Sre
6	Gauthamjith B	Gautham
7	Jeni Krishnan	Jeni
8	Meenakshi S. Kumar	Meenu
9	Punya I	Punya
10	Sajeena Beevi S	Sajeena
11	Sandra S	Sandra
12	Sasath P.S	Sasath
13	Sreebhadrha S.A	Sre
14	Sreelekshmi S	Sree
15	Sruthi S. Kumar	Sruthi
16		KP
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KOTTIYAM.

(H. G. Krishna prasad)



INTERNET SERVICES

Curriculum

Unit 1 [14 hours]

Introduction to internet - popular internet services - video conferencing - online banking - social networking - e-learning internet free calls - internet TV - internet protocol e-groups - e-commerce - e commerce website and ethics - blogs - Advantages of blogging - google drive -

Unit 2 [16 hours]

Computer ethics - intellectual property rights - copyright - software piracy - end user piracy - internet piracy - pre-installed software piracy - counterfeiting - online auction piracy - computer security - Hardware breaches - software breaches - computer networks - computer security controls - application controls - development controls - access controls - password security

Objectives:

- Students to gain elementary internet concepts.
- make a successful internet connection
- understand the principles of internet protocol.
- to use websearch tools
- to understand IPR, copyright, computer security.



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Course Schedule

21/1/23	9.30 - 3.00pm	Intro to internet, popular internet services, video conferencing, lab
Saturday		
23/1/23	3.30 - 4.30pm	online banking, social networking
Monday		
24/1/23	3.30 - 4.30pm	e-learning, internet calls
Tuesday		
25/1/23	8.30 to 9.30am	internet TV, internet protocol
Wednesday		
26/1/23	8.30 to 9.30am	e-group, e-commerce
Thursday		
28/1/23	10.00am - 3.30pm	e-commerce website, ethics.
Saturday		lab.
4/2/23	9.30am - 3.30pm	blog, advantage of blogging.
Saturday		lab.
13/2/23	3.30 - 4.30pm	google drive, lab.
Monday		
14/2/23	3.30 - 4.30pm	computer ethics, IPR
Tuesday		
15/2/23	8.30 - 9.30am	copyright, software piracy
Wednesday		
16/2/23	3.30 - 4.30pm	internet piracy, counterfeiting
Thursday		
17/2/23	3.30 - 4.30pm	online auction piracy
Friday		
18/2/23	9.30 - 3.30pm	Computer Security, Hardware
Saturday		breaches, software breaches
25/2/23	10.00 - 1.00pm	Computer security controls,
Saturday		development controls, password
		Security
04/3/23	Saturday 10.00 to 12.00pm	Evaluation test

KS
Course Coordinator

Internet Services
Add On-Course 2022-23, PG Department of Physics
MM NSS College, Kottiyam

Total Marks: 30

Duration: 1.15 Hours

Section A: 1-Mark Questions *Answer all questions. Each question carries 1 mark.*

1. What does the acronym URL stand for?
2. What is the purpose of a Domain Name System (DNS)?
3. What does HTTP stand for?
4. Name the protocol used for sending emails.
5. What is the function of a web browser?

Section B: 2-Mark Questions

Answer all questions. Each question carries 2 marks.

6. Explain the difference between HTTP and HTTPS.
7. What is the role of an IP address in internet communication?
8. Describe what is meant by "bandwidth" in the context of internet services.
9. How does a VPN enhance internet privacy?
10. What is a cookie in the context of web browsing?

Section C: 5-Mark Questions

Answer all questions. Each question carries 5 marks.

11. **Internet Protocols and Services:** a. Describe the purpose of TCP/IP in internet communication.
b. Explain how the Transmission Control Protocol (TCP) ensures data integrity during transmission.
c. Discuss the role of the Internet Protocol (IP) in routing data packets across networks.
12. **Web Hosting and Domain Names:** a. Explain the process of registering a domain name and its importance for a website.
b. Describe the different types of web hosting services (e.g., shared hosting, VPS hosting, dedicated hosting).
c. Discuss the factors to consider when choosing a web hosting service for a small business website.
13. **Security and Privacy on the Internet:** a. Describe the common types of cyber threats faced by internet users (e.g., phishing, malware).
b. Explain how firewalls and antivirus software help protect against these threats.
c. Discuss best practices for maintaining privacy and security while using the internet.



Kp
(*Har G. Krishnaprasad*)

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END COURSE EVALUATION

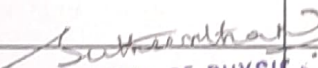
Name of department : PHYSICS

Name of course : INTERNET SERVICES (2022-23)

Duration of exam : 1.15 hrs

Total Marks : 30

Sl No	Name of Student	Marks Obtained
1	Amal. A	30
2	Drishya Mol. S	23
3	Areha. S	25
4	Bhavana. S	29
5	B. S. Sreesankar	27
6	Gauthamjith. B	29
7	Jenikrishnan	28
8	Meenakehi S Kumar	26
9	Punnya. J	22
10	Sajena. Beevi. S	27
11	Sandha. S	29
12	Sarith. P. S	26
13	Sreebhada. S. A	30
14	Sreelekshmi. S	30
15	Snithi. S. Kumar	28
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No. of students Enrolled : 15

No. of students Completed : 15



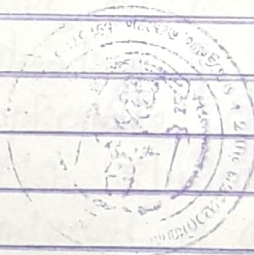
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2022 - 23

Report

- To make the students aware about internet services PG department of physics offers a course on internet services for the DMSc physics students. The course duration was 30 hours and the classes were conducted on Saturdays and before and after regular class hours. Both theory and lab hours were conducted. The practical sessions provided to the students made them more efficient on the subject.

~~Signature~~
(Hair. G. Krishnaprasad)

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De Suthesha S. D. S.
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Principal
M.M. N.S.S. COLLEGE
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