



PITHAPUR RAJAH'S GOVERNMENT COLLEGE (A), KAKINADA

Department of Computer Science



Invited Lecturer by Mr. P. Ramjee, Mr. V. Rajesh, Mr. M. Hari, and Mr. K. Nagendra

Innovation Technologies

On

Ethical Hacking and Cyber Security

Date & Time: 8th January 2024, at 10:30 AM

Venue: Computer Lab-1

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Department of Computer Science



Invited Lecturer by **Mr. P. Ramjee, Mr. V. Rajesh, Mr. M. Hari, and Mr. K. Nagendra** from
Innovation Technologies

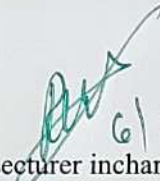
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06-01-2024

This is to inform all students of the Department of Computer Science that our department has organized a guest lecture on the rapidly evolving fields of **Ethical Hacking and Cyber Security**. This insightful session is scheduled for **Monday, 8th January 2024, at 10:30 AM** and will take place in **Computer Lab-I**.

We are honored to welcome esteemed experts from Innovation Technologies: **Mr. P. Ramjee, Mr. V. Rajesh, Mr. M. Hari, and Mr. K. Nagendra**, who will be sharing their valuable insights and knowledge in the field of Ethical Hacking and Cyber Security.

All students are encouraged to attend and take full advantage of this opportunity to enhance their understanding of these crucial topics in the digital age.


Lecturer incharge,

Department of computer science.

Lecturer In-Charge
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P R GOVT COLLEGE (A) KAKINADA

Department of Computer Science

Guest Lecture on Ethical Hacking by Innovation Technologies

ACTIVITY : Guest Lecturer on “Ethical Hacking”

Resource Persons : Lecture delivered by P.Ramjee, V.Rajesh, M.Hari & K.Nagendra

CONDUCTED BY : Department of Computer Science

DATE : 08-01-2024

Photo of the Activity



On January 8, 2024, Department of Computer Science, P R Government Degree College had the privilege of hosting a guest lecture on Ethical Hacking, conducted by Innovation Technologies. This event was a part of our on-going efforts to provide students with exposure to cutting-edge topics and practical knowledge that complement their academic learning.

Overview of the Lecture

The lecture was delivered by seasoned professionals from Innovation Technologies, a reputed firm known for its expertise in cyber security and ethical hacking. The session aimed to demystify the concepts of ethical hacking and emphasize its importance in the modern digital landscape.

Key Topics Covered

1. **Introduction to Ethical Hacking:** The lecture began with an overview of ethical hacking, explaining how it differs from malicious hacking. Ethical hacking involves authorized testing of computer systems, networks, and applications to identify and fix security vulnerabilities.
2. **Importance of Cyber security:** The speakers highlighted the growing importance of cyber security in protecting sensitive data from cyber threats. With the increasing number of cyber-attacks, the demand for ethical hackers has surged, making it a vital skill in today's job market.
3. **Types of Hackers:** The lecture categorized hackers into three types: white hat (ethical hackers), black hat (malicious hackers), and grey hat (a mix of both). Ethical hackers use their skills for defensive purposes, helping organizations strengthen their security measures.
4. **Phases of Ethical Hacking:** The session detailed the various phases of ethical hacking, including reconnaissance, scanning, gaining access, maintaining access, and covering tracks. Each phase was explained with practical examples, providing students with a clear understanding of the process.
5. **Common Tools and Techniques:** The speakers introduced some of the common tools and techniques used in ethical hacking. These included network scanners, vulnerability assessment tools, and penetration testing frameworks. Tools like Nmap, Metasploit, and Wireshark were discussed in detail.
6. **Real-World Case Studies:** To illustrate the practical application of ethical hacking, the lecture included real-world case studies where ethical hackers successfully identified and mitigated security threats. These examples underscored the critical role ethical hackers play in safeguarding digital assets.

Interactive Session

The lecture was highly interactive, with students actively participating in discussions and Q&A sessions. The speakers encouraged students to ask questions and provided insightful answers, enhancing their understanding of the subject matter. Topics such as career

opportunities in ethical hacking, certifications required, and the ethical and legal implications of hacking were also addressed.

Hands-On Demonstrations

One of the highlights of the lecture was the hands-on demonstrations conducted by the experts. They showcased live hacking scenarios, demonstrating how ethical hackers identify and exploit vulnerabilities in a controlled environment. This practical exposure was invaluable for students, as it gave them a firsthand look at the tools and techniques used in the field.

Impact on Students

The guest lecture had a significant impact on the students, sparking their interest in cyber security and ethical hacking. Many students expressed their enthusiasm for pursuing further studies and certifications in this area. The lecture also highlighted the potential career paths in cyber security, inspiring students to consider ethical hacking as a viable and rewarding profession.

Conclusion

The guest lecture on ethical hacking by Innovation Technologies was a resounding success, providing students with a comprehensive understanding of ethical hacking and its importance in the digital age. P R Government Degree College remains committed to organizing such insightful events, bridging the gap between academic learning and industry practices. This lecture not only enriched the students' knowledge but also equipped them with the skills necessary to navigate the complexities of cyber security in their future careers.

Topic Name : Hacking

Date : 8/01/2024

Name of the person

Signatures of the person.

V. Rajesh

x

V. Rajesh

M. Haris

x

M. Haris

P. Ramjee

x

P. Ramjee

K. Nagendra

x

K. Nagendra

Signature of the participants

S. NO	Roll NO.	Name of the student	Signature
1	2220302	V. Ramya Vinayani	V. Ramya Vinayani
2	2220323	P. Durga Bhargani	P. D. Bhargani
3	2223908	R. Aditya durga rao	R. Aditya
4	2221331	R. Durga prasad	R. D. Prasad
5	2223910	D. Raghavendra	D. Raghavendra
6	2223902	P. praveen prakash.	P. Praveen
7	2223903	M. Shiva ganesh	M. Shiva Ganesh
8	2223927	V. Selva Prasad	V. Selva Prasad
9	2223930	V. Lalitha Ganesan	V. Lalitha Ganesan
10	2223925	P. Lokesh	P. Lokesh
11	2223918	N. Balakrishna	N. Balakrishna
12	2223931	K. Venkataswamy	K. Venkataswamy
13	2220529	V. Prabhu Kumar	V. Prabhu Kumar
14	2220308	B. Rama Aditya	B. Rama Aditya
15	2220327	P. Durga Prasad	P. Durga Prasad
16	2220324	R. Venkatesh	R. Venkatesh
17	2220329	P. Anand Kumar	P. Anand Kumar
18	2220335	B. Surya Vamsi	B. Surya Vamsi
19	2220526	K. Sanjay	K. Sanjay
20	2220327	V. Rahul	V. Rahul

SNO	Roll NO	Name of the Student	Signature
21	2220338	SK. lyed Baji	SK-lyed Baji
22	2220321	Ch. Vinay	Ch. Vinay
23	2220332	B. varaprasad	B. varaprasad
24	2220538	V. S. V. manikanta	V. S. V. manikanta
25	2220510	K. V. Siva Prasad	K. V. Siva Prasad
26	2220525	B. Avinash	B. Avinash
27	2220529	md. Ahmed Alisha	md. Ahmed Alisha
28	2220521	V. Nagendra	V. Nagendra
29	2220322	K. Durgaprasad	K. Durgaprasad
30	2220320	M. Rajkumar	M. Rajkumar
31	2220337	P. Beemesh	P. Beemesh
32	2223915	Eggada. K. S. Srinivas	E. K. Srinivas
33	2223905	K. Syamala Nageswari	K. Syamala
34	2223923	P. poojitha	P. poojitha
35	2223914	SK. Husseni	SK. Husseni
36	2223904	R. N. G. devi. Anusha	R. Anusha
37	2223906	T. Harshitha	T. Harshitha
38	2223924	K. Bharathi	K. Bharathi
39	2221102	I. S. Ganga Jyothi	I. S. Ganga Jyothi
40	2223919	A. Vijay	A. Vijay
41	2223911	M. Siva Krishna	M. Siva Krishna
42	2220306	G. Syamprasad	G. Syamprasad
43	2220329	P. Arand Kumar	P. Arand Kumar
44	2223912	M. Venkatesh	M. Venkatesh
45	2220506	V. Vinay	V. Vinay
46	2223913	K. phaneendra	K. phaneendra
47	2223920	K. Hemant Kumar	K. Hemant Kumar
48	2221301	Ch. Ramadevi	Ch. Ramadevi
49	2221303	ch. shivamma	ch. shivamma
50	2223907	B. G. G. G.	B. G. G. G.
51	2223936	J. Sandhya	J. Sandhya
52	2221308	G. Suresh Kumar	G. Suresh Kumar
53	2221309	E. S. S.	E. S. S.

53) 2221128	P. Manikanta	P. Mani
54) 2221133	Y. Mahesh Yadav	Y. Mahesh
55) 2221127	K. Srinivasa Rao	K. Srinivasa Rao
56) 2221120	B. Krishna Murthy	B. Krishna
57) 2220531	P. Vijay Kumar	P. Vijay
58) 2220511	M. Praveen Kumar	M. Praveen
59) 2220533	B. Suresh	B. Suresh
60) 2221326	S. K. Babu	S. K. Babu
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67) 2220507	M. Ganesh	M. Ganesh
68) 2221121	T. Durga Simhadri	T. Durga Simhadri
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70) 2221330	J. V. Jay Kiran	J. V. Jay Kiran
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73) 2221307	T. Harish	T. Harish
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75) 2221124	K. Surya Kiran	K. Surya Kiran
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84) 2220503	N. Jyothi	N. Jyothi
85) 222033p	Sharon	Sharon

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87	2220514	U. Jeerani	Jeerani
88	2220309	S. Anusha	Anusha
89	2220318	K. Harshitangali	Anjali
90	2220313	K. Deepika	K. Deepika
91	2221130	K. Kousalya	Kousalya
92	2221106	V. Akhileswari	V. Akhileswari
93	2221112	N. Siva Jyothi	N. Siva Jyothi
94	2221110	I. Swathi veera Satya	I. S. V. Satya
95	2221129	P. Sharon Jyothna	P. Sharon
96	2221101	L. Virajith	L. Virajith
97	2221108	P. D. I. Prayanka	Prayanka
98	2221109	K. Divya Bhavani	Divya
99	2221313	A. S. L. Saravanthi	Saravanthi
100	2220331	T. H. S. Rajya Lakshmi	T. Rajya
101	2220312	T. V. S. L. Harshini	T. V. S. L. Harshini
102	2220303	M. Priya Chandrika	M. P. Chandrika
103	2220317	P. Satya Mahadevi	P. Satya Mahadevi
104	2220304	P. Nandini	P. Nandini
105	2220328	D. Siva Sarani	Sarani
106	2220316	K. L. Satya Sri	K. L. Satya Sri
107	2220504	P. Jahnvi	P. Jahnvi
108	2220577	G. V. S. K. Shivani	G. V. S. K. Shivani
109	2220314	P. Sathvika	Sathvika
110	2220315	V. Tarini	Tarini
111	2221310	P. Bhavani	P. Bhavani
112	2221303	P. Iswariya	P. Iswariya
113	2221131	G. H. Sandhya Ratnam	G. Sandhya
114	2221338	S. Anusha	Anusha
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116	2221115	S. Uma Devi	S. Uma Devi
117	2221118	K. Rohini Kumari	K. Rohini

S.No.	Roll No.	Name of the student	Signature
119	2221107	K. Vijaya	K. Vijaya
120	2221119	B. Mudula	B. Mudula
121	2221114	A. re. N. Mounika	A. re. Mounika
122	2220311	A. Sri satya vidhyarathi	A. satya
123	2220519	K. Lakshmi Durga	K. L. Durga
124	2220518	A. Alekya	A.
125	2220301	N. Siva Kumari	N. Siva Kumari
126	2220501	S. Jaya Durga	S. Jaya Durga
127	2221114	P. Varma Priya	P. Varma Priya
128	2221111	A. Sai Vidhyarathi	A. Vidya
129	2223926	K. Balasubramanian	K. Balasubramanian
130	2220520	P. Veera babu	P. Veera babu
131	B. Veerababu	2220534	B. Veerababu
132.	P. Nani Babu.	2223901	P. Nani Babu