FOOT PRINTING:

Foot printing means gathering information about a target system that can be used to execute a successful cyber-attack. To get this information, a hacker might use various methods with variant tools. This information is the first road for the hacker to crack a system. There are two types of foot printing as following below.

- **Active Foot printing:** Active foot printing means performing foot printing by getting in direct touch with the target machine.
- **Passive Foot printing:** Passive foot printing means collecting information about a system located at a remote distance from the attacker.

WHY IT IS USED FOR?

Ethical Hacking/Penetration Testing: Ethical hackers and penetration testers use foot printing to identify vulnerabilities and weaknesses in a system before malicious actors can exploit them.

Cybersecurity Professionals: Cybersecurity professionals use foot printing to assess the security posture of an organization and identify areas for improvement.

Threat Actors: Malicious actors also use foot printing to gather information about potential targets, allowing them to plan and execute attacks more effectively.

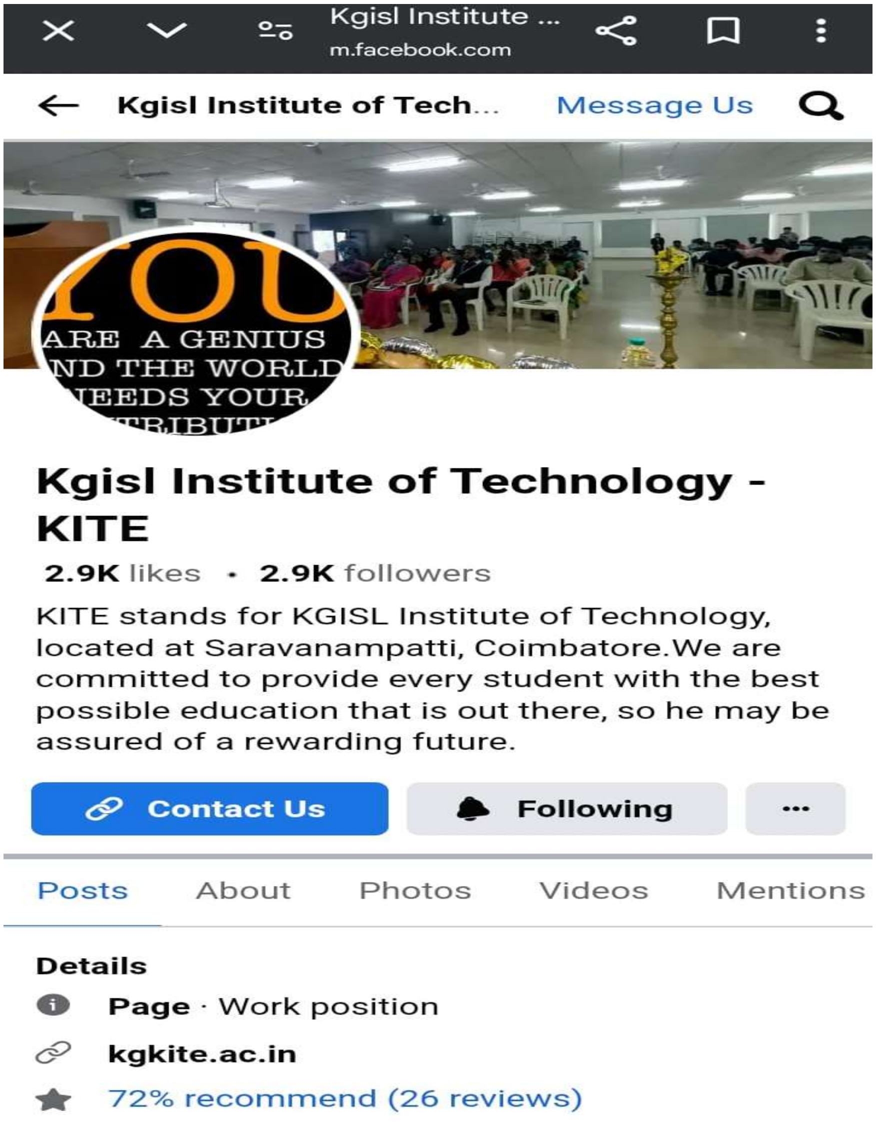
1.KNOW ABOUT THE TARGET:

DESCRIPTION:

the ways to know about the targets are

- LinkedIn
- Instagram
- Facebook
- X(twitter)

SCREENSHOTS:



Kgisl Institute of Technology - KITE

2.9K likes • 2.9K followers

KITE stands for KGISL Institute of Technology, located at Saravanampatti, Coimbatore.We are committed to provide every student with the best possible education that is out there, so he may be assured of a rewarding future.

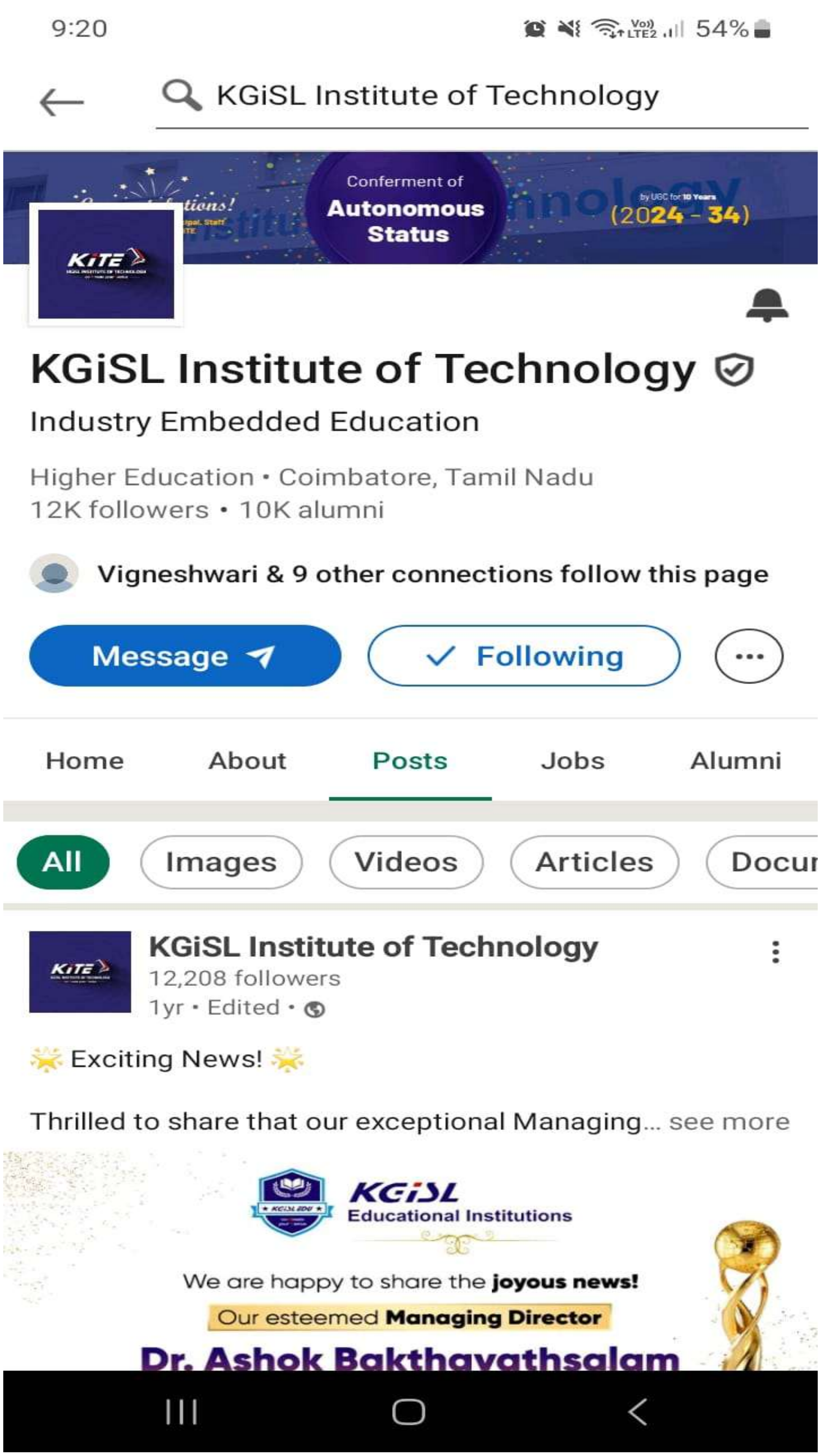
Details

Page · Work position

kgkite.ac.in

72% recommend (26 reviews)

FACEBOOK SCREENSHOTS



KGiSL Institute of Technology

Industry Embedded Education

Higher Education • Coimbatore, Tamil Nadu
12K followers • 10K alumni

Vigneshwari & 9 other connections follow this page

KGiSL Institute of Technology
12,208 followers
1yr • Edited •

🌟 Exciting News! 🌟

Thrilled to share that our exceptional Managing... see more

KGiSL
Educational Institutions
We are happy to share the joyous news!
Our esteemed Managing Director
Dr. Ashok Bakthavathsalam

LINKEDIN SCREENSHOTS

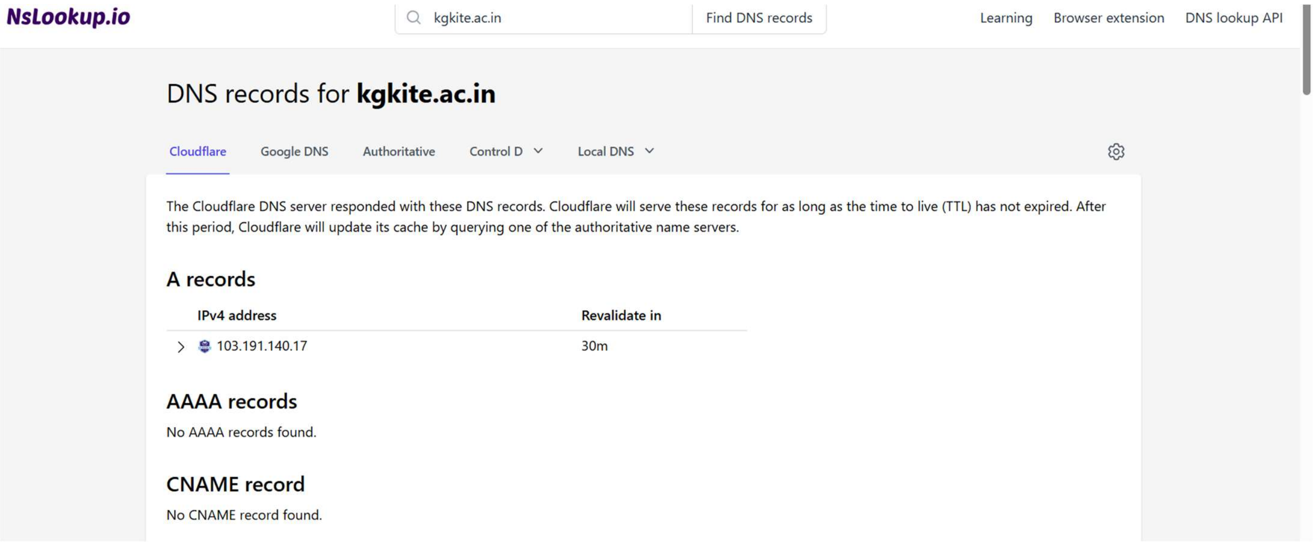
2. USING HACKING SEARCH ENGINE:

DESCRIPTION:

The tools to know about the targets are

- Shodan.io
- Notevil
- Duckduckgo
- Censys
- Nslookup

SCREENSHOT:



DNS records for **kgkite.ac.in**

The Cloudflare DNS server responded with these DNS records. Cloudflare will serve these records for as long as the time to live (TTL) has not expired. After this period, Cloudflare will update its cache by querying one of the authoritative name servers.

A records

IPv4 address	Revalidate in
103.191.140.17	30m

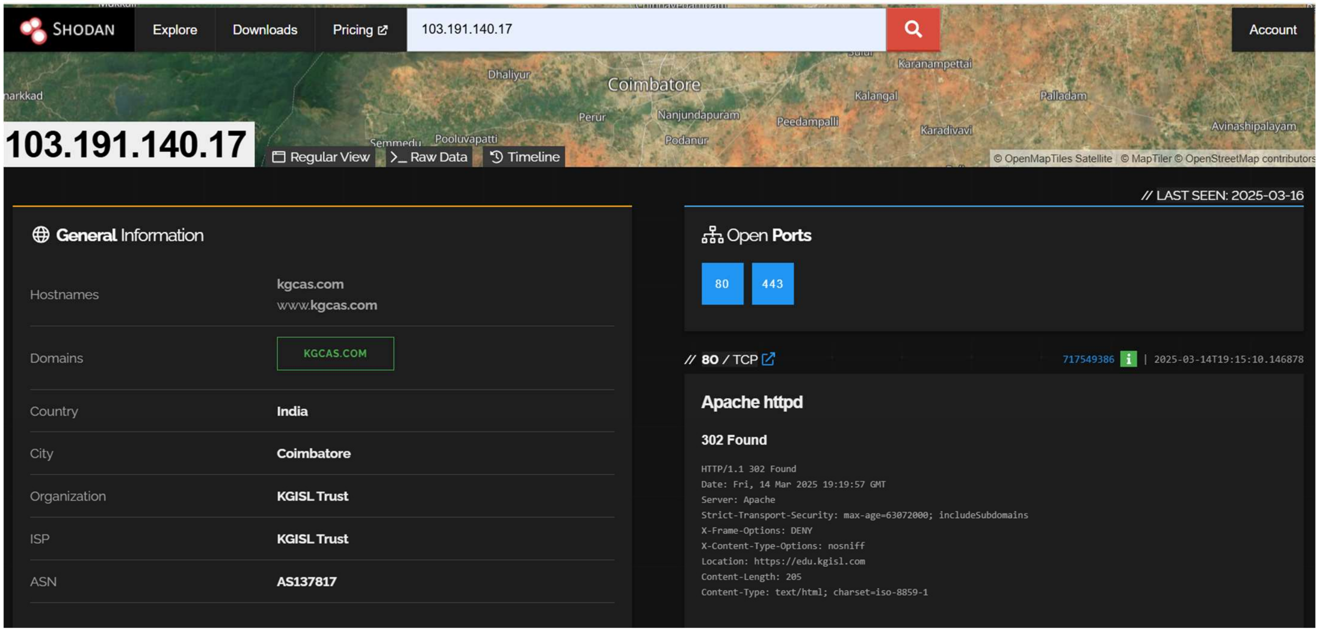
AAAA records

No AAAA records found.

CNAME record

No CNAME record found.

NSLOOKUP



103.191.140.17

// LAST SEEN: 2025-03-16

General Information

Hostnames	kgcas.com www.kgcas.com
Domains	KGCAS.COM
Country	India
City	Coimbatore
Organization	KGISL Trust
ISP	KGISL Trust
ASN	AS137817

Open Ports

80 443

// 80 / TCP 717549386 | 2025-03-14T19:15:10.146878

Apache httpd

302 Found

```
HTTP/1.1 302 Found
Date: Fri, 14 Mar 2025 19:19:57 GMT
Server: Apache
Strict-Transport-Security: max-age=63072000; includeSubdomains
X-Frame-Options: DENY
X-Content-Type-Options: nosniff
Location: https://edu.kgisl.com
Content-Length: 205
Content-Type: text/html; charset=iso-8859-1
```

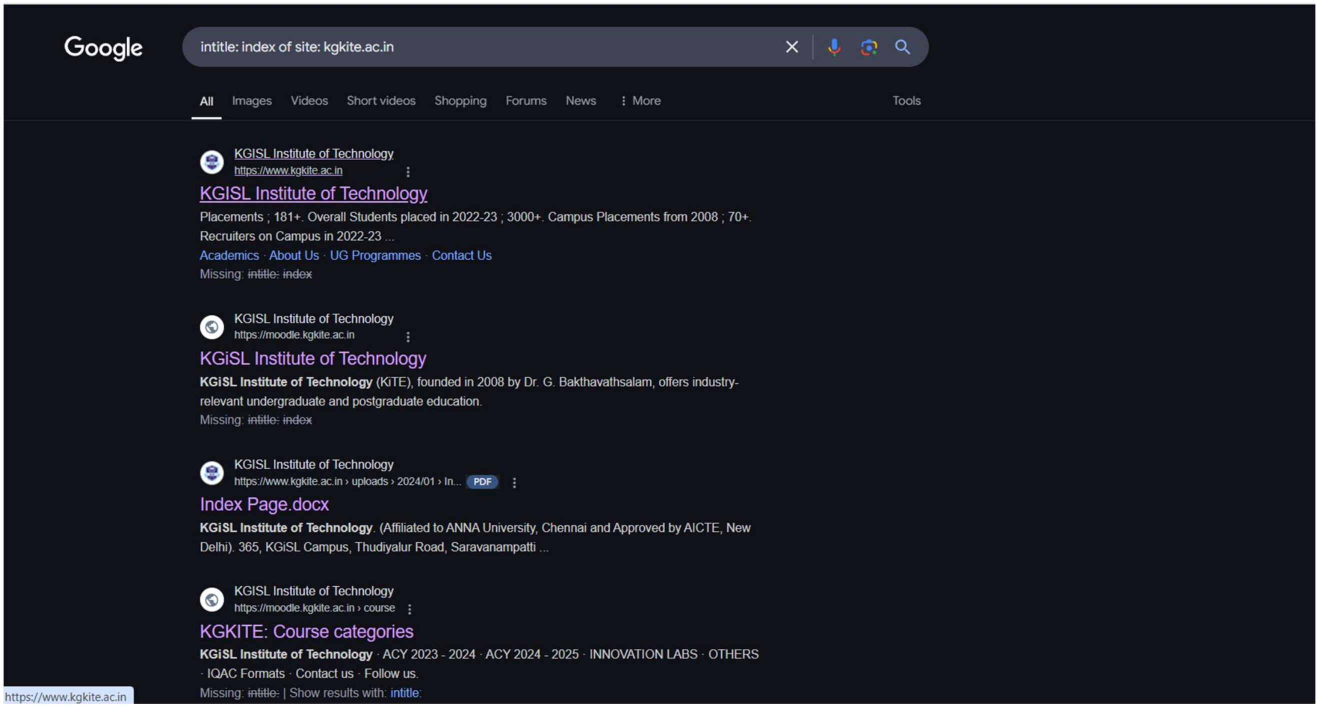
SHODON.IO

3. USING GOOGLE DORKING TO FIND PRECISE INFO:

DESCRIPTION:

By using the google Dorking the targeted sites specific types of documents can be extracted.

SCREENSHOTS:



intitle: index of site: kgkite.ac.in

KGISL Institute of Technology
https://www.kgkite.ac.in

KGISL Institute of Technology

Placements ; 181+. Overall Students placed in 2022-23 ; 3000+. Campus Placements from 2008 ; 70+. Recruiters on Campus in 2022-23 ...

Academics · About Us · UG Programmes · Contact Us

Missing: ~~intitle: index~~

KGISL Institute of Technology
https://moodle.kgkite.ac.in

KGiSL Institute of Technology

KGiSL Institute of Technology (KiTE), founded in 2008 by Dr. G. Bakthavathsalam, offers industry-relevant undergraduate and postgraduate education.

Missing: ~~intitle: index~~

KGISL Institute of Technology
https://www.kgkite.ac.in › uploads › 2024/01 › In... PDF

Index Page.docx

KGiSL Institute of Technology. (Affiliated to ANNA University, Chennai and Approved by AICTE, New Delhi). 365, KGiSL Campus, Thudiyalur Road, Saravanampatti ...

KGISL Institute of Technology
https://moodle.kgkite.ac.in › course

KGKITE: Course categories

KGiSL Institute of Technology · ACY 2023 - 2024 · ACY 2024 - 2025 · INNOVATION LABS · OTHERS · IQAC Formats · Contact us · Follow us.

Missing: ~~intitle:~~ | Show results with: intitle:

https://www.kgkite.ac.in

GOOGLE DORKING

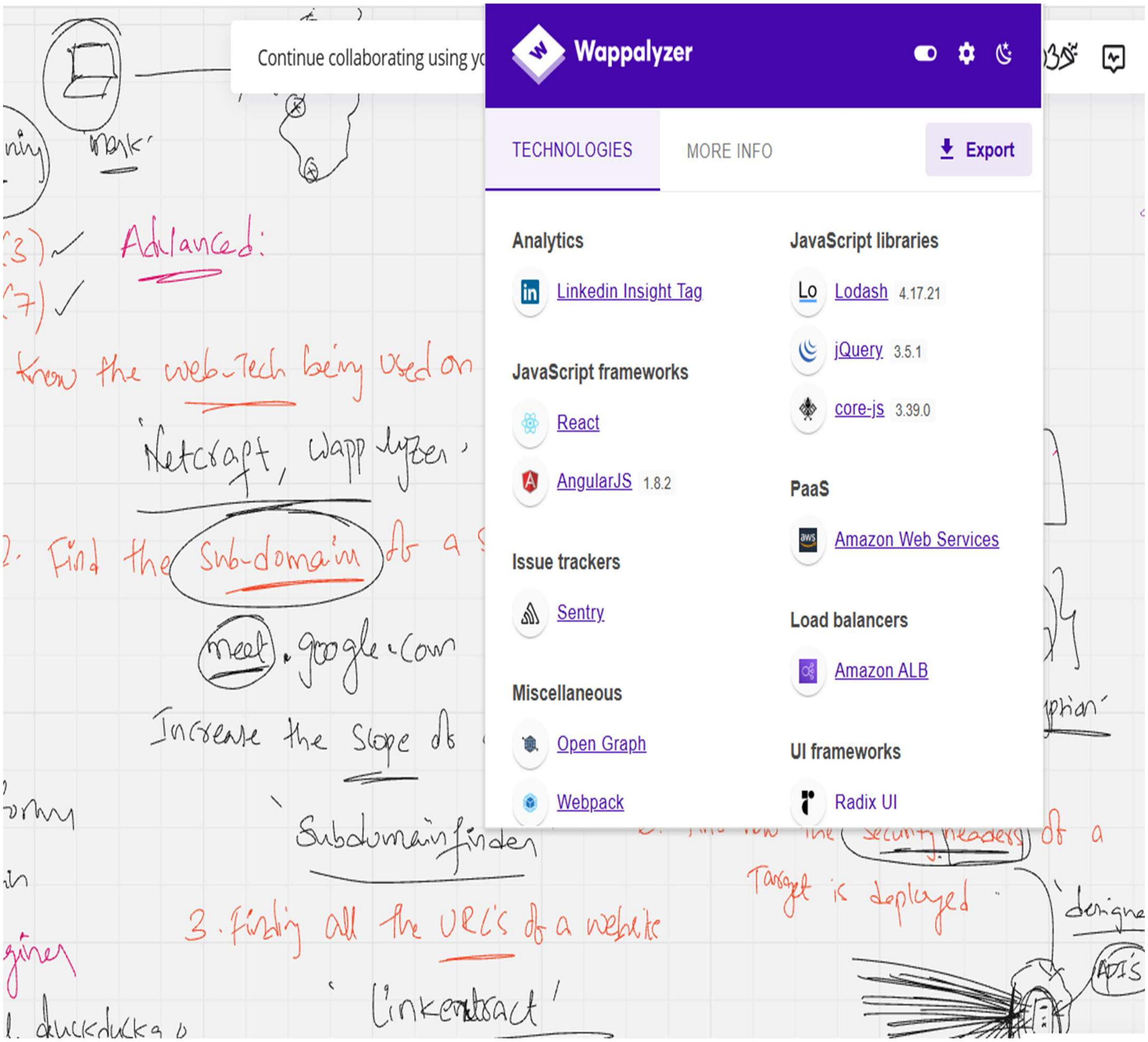
i)TO KNOW TECHOLOGY OF THE WEBSITE:

DESCRIPTION:

To find the technology used in website, there are some tools

- Netcraft
- Wappalyzer

SCREENSHOTS:



Analytics
- Linkedin Insight Tag

JavaScript frameworks
- React
- AngularJS 1.8.2

Issue trackers
- Sentry

Miscellaneous
- Open Graph
- Webpack

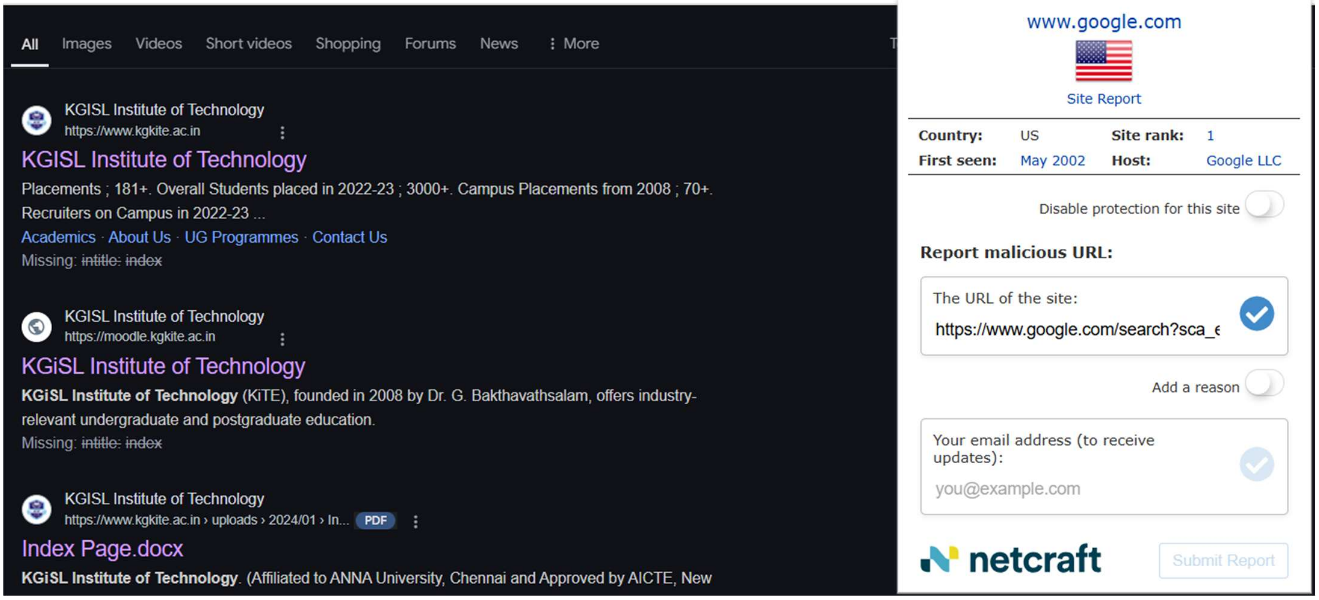
JavaScript libraries
- Lodash 4.17.21
- jQuery 3.5.1
- core-js 3.39.0

PaaS
- Amazon Web Services

Load balancers
- Amazon ALB

UI frameworks
- Radix UI

Wappalyzer



KGISL Institute of Technology
https://www.kgkite.ac.in

KGISL Institute of Technology

Placements ; 181+. Overall Students placed in 2022-23 ; 3000+. Campus Placements from 2008 ; 70+. Recruiters on Campus in 2022-23 ...

Academics · About Us · UG Programmes · Contact Us

Missing: ~~intitle: index~~

KGISL Institute of Technology
https://moodle.kgkite.ac.in

KGiSL Institute of Technology

KGiSL Institute of Technology (KiTE), founded in 2008 by Dr. G. Bakthavathsalam, offers industry-relevant undergraduate and postgraduate education.

Missing: ~~intitle: index~~

KGISL Institute of Technology
https://www.kgkite.ac.in › uploads › 2024/01 › In... PDF

Index Page.docx

KGiSL Institute of Technology. (Affiliated to ANNA University, Chennai and Approved by AICTE, New

www.google.com

Site Report

Country:	US	Site rank:	1
First seen:	May 2002	Host:	Google LLC

Disable protection for this site

Report malicious URL:

The URL of the site:
https://www.google.com/search?sca_e

Add a reason

Your email address (to receive updates):
you@example.com

Netcraft

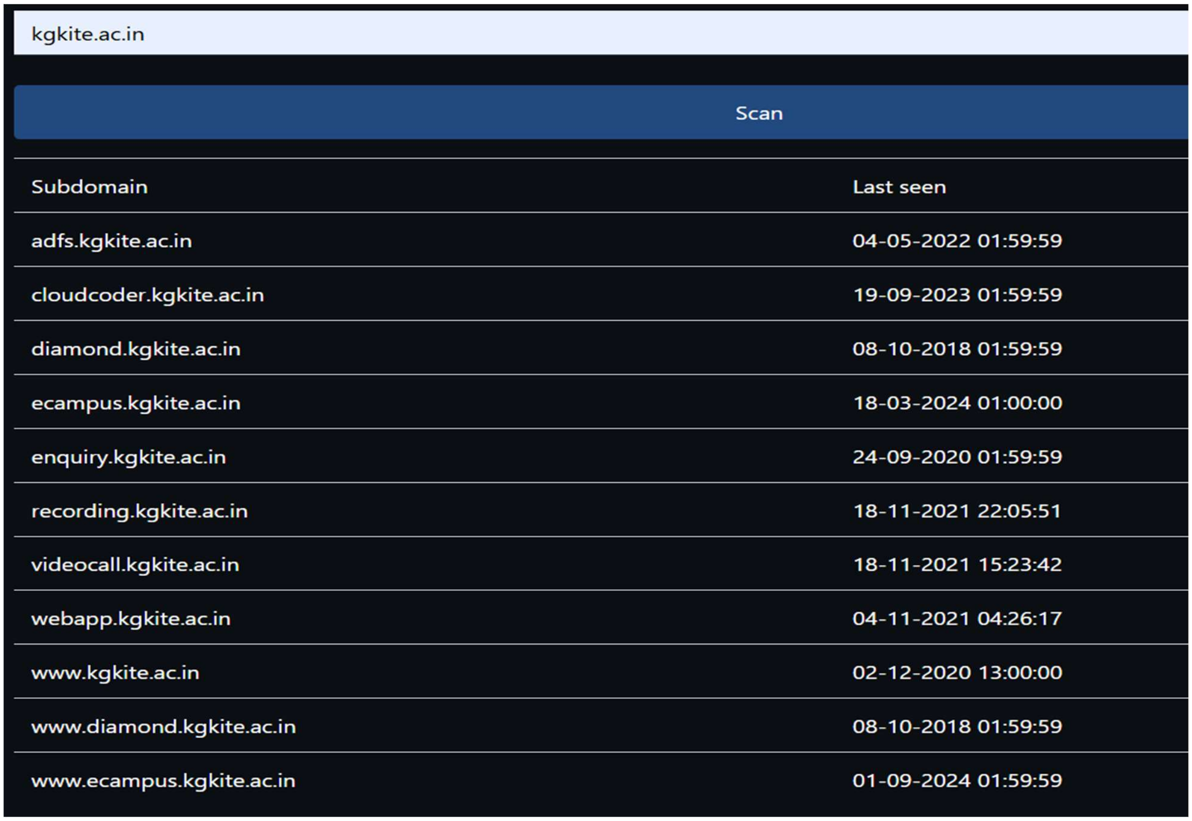
ii)TO FIND THE SUBDOMAIN OF THE SITE:

DESCRIPTION:

To find the subdomain to site there are some tools

- Subdomain finder

SCREENSHOTS:


kgkite.ac.in

Subdomain	Last seen
adfs.kgkite.ac.in	04-05-2022 01:59:59
cloudcoder.kgkite.ac.in	19-09-2023 01:59:59
diamond.kgkite.ac.in	08-10-2018 01:59:59
ecampus.kgkite.ac.in	18-03-2024 01:00:00
enquiry.kgkite.ac.in	24-09-2020 01:59:59
recording.kgkite.ac.in	18-11-2021 22:05:51
videocall.kgkite.ac.in	18-11-2021 15:23:42
webapp.kgkite.ac.in	04-11-2021 04:26:17
www.kgkite.ac.in	02-12-2020 13:00:00
www.diamond.kgkite.ac.in	08-10-2018 01:59:59
www.ecampus.kgkite.ac.in	01-09-2024 01:59:59

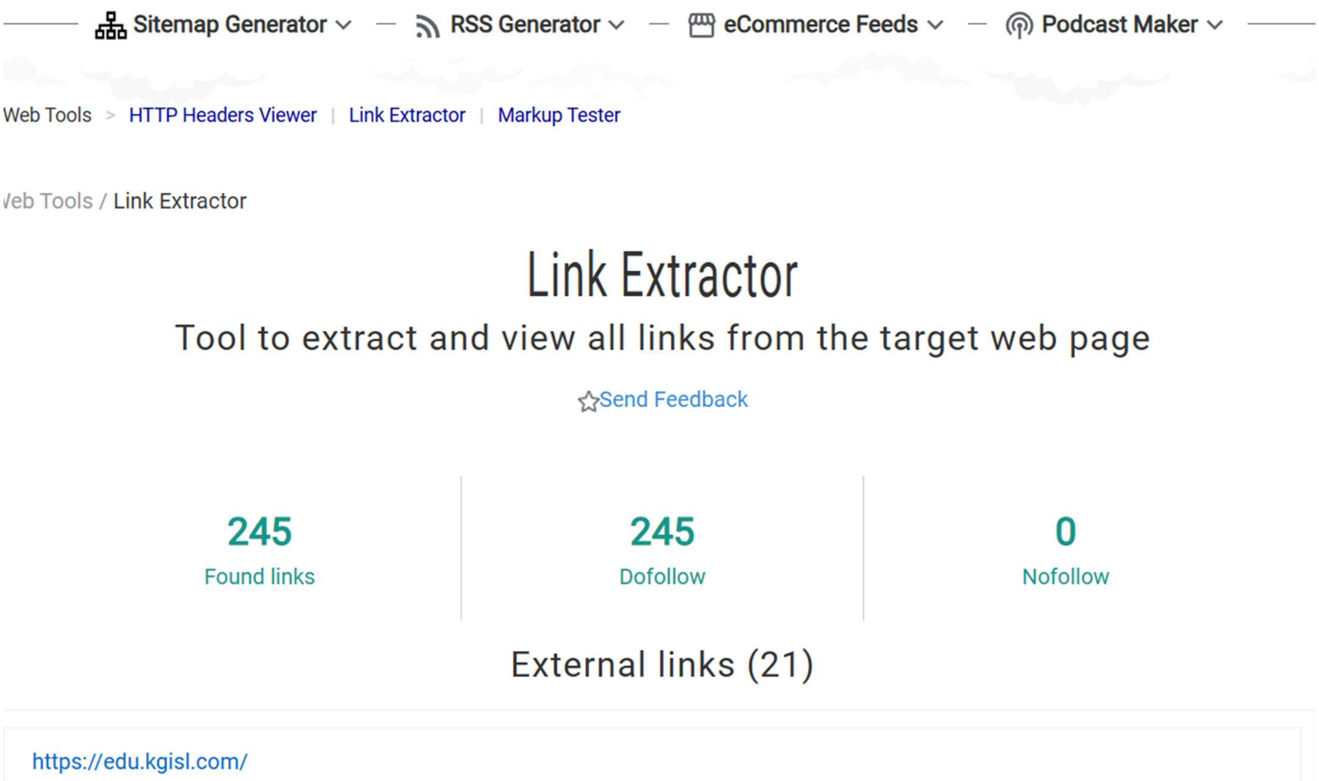
iii)FINDING ALL THE URLS OF A WEBSITE:

DESCRIPTION:

To extract all the URLs of the website and to increase the scope of the footprinting

- Linkextract

SCREENSHOTS:


Sitemap Generator
RSS Generator
eCommerce Feeds
Podcast Maker
Web Tools > HTTP Headers Viewer | Link Extractor | Markup Tester
Veb Tools / Link Extractor
Send Feedback

Link Extractor

Tool to extract and view all links from the target web page

245 Found links

245 Dofollow

0 Nofollow

External links (21)

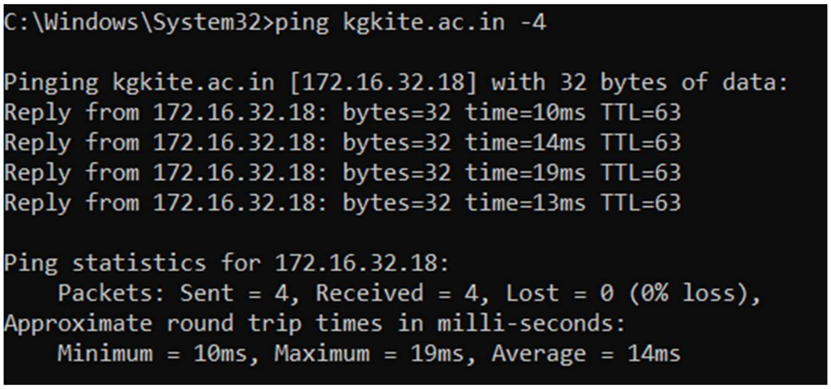
https://edu.kgisl.com/

LINK EXTRACTOR

4.BUFFER SIZE OF THE WEBSITE:

DESCRIPTION:

To find the buffer size of the website, there are certain commands in command prompt (cmd).

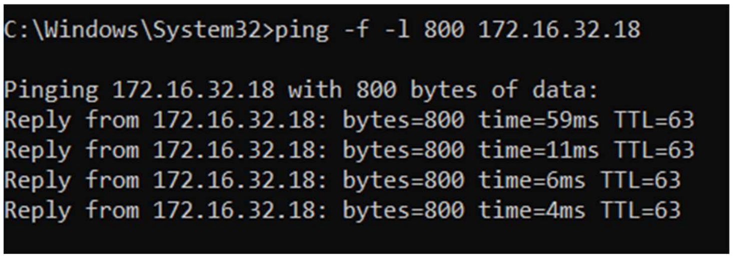


```
C:\Windows\System32>ping kgkite.ac.in -4

Pinging kgkite.ac.in [172.16.32.18] with 32 bytes of data:
Reply from 172.16.32.18: bytes=32 time=10ms TTL=63
Reply from 172.16.32.18: bytes=32 time=14ms TTL=63
Reply from 172.16.32.18: bytes=32 time=19ms TTL=63
Reply from 172.16.32.18: bytes=32 time=13ms TTL=63

Ping statistics for 172.16.32.18:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 19ms, Average = 14ms
```

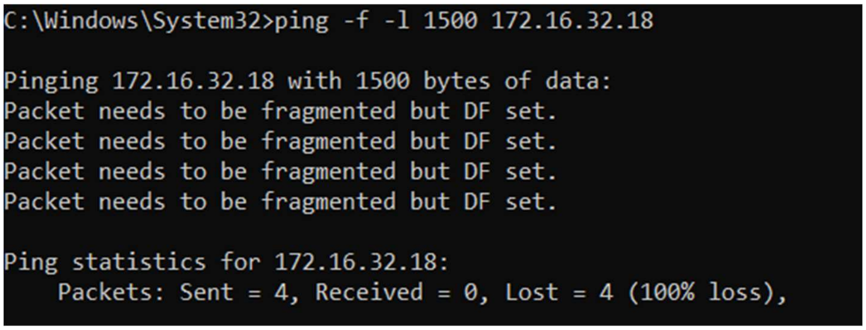
PINGING KGKITE.AC.IN



```
C:\Windows\System32>ping -f -l 800 172.16.32.18

Pinging 172.16.32.18 with 800 bytes of data:
Reply from 172.16.32.18: bytes=800 time=59ms TTL=63
Reply from 172.16.32.18: bytes=800 time=11ms TTL=63
Reply from 172.16.32.18: bytes=800 time=6ms TTL=63
Reply from 172.16.32.18: bytes=800 time=4ms TTL=63
```

CHECKING BUFFER SIZE (800)

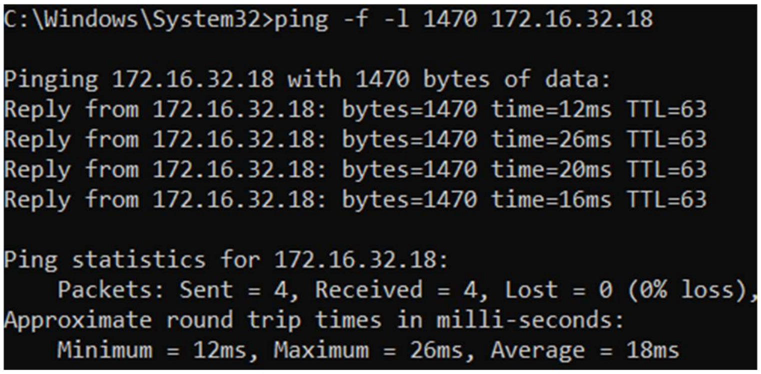


```
C:\Windows\System32>ping -f -l 1500 172.16.32.18

Pinging 172.16.32.18 with 1500 bytes of data:
Packet needs to be fragmented but DF set.
Packet needs to be fragmented but DF set.
Packet needs to be fragmented but DF set.
Packet needs to be fragmented but DF set.

Ping statistics for 172.16.32.18:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

THE LIMIT OF BUFFER SIZE (1500)



```
C:\Windows\System32>ping -f -l 1470 172.16.32.18

Pinging 172.16.32.18 with 1470 bytes of data:
Reply from 172.16.32.18: bytes=1470 time=12ms TTL=63
Reply from 172.16.32.18: bytes=1470 time=26ms TTL=63
Reply from 172.16.32.18: bytes=1470 time=20ms TTL=63
Reply from 172.16.32.18: bytes=1470 time=16ms TTL=63

Ping statistics for 172.16.32.18:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 12ms, Maximum = 26ms, Average = 18ms
```

THE BUFFER SIZE OF SITE (1470)

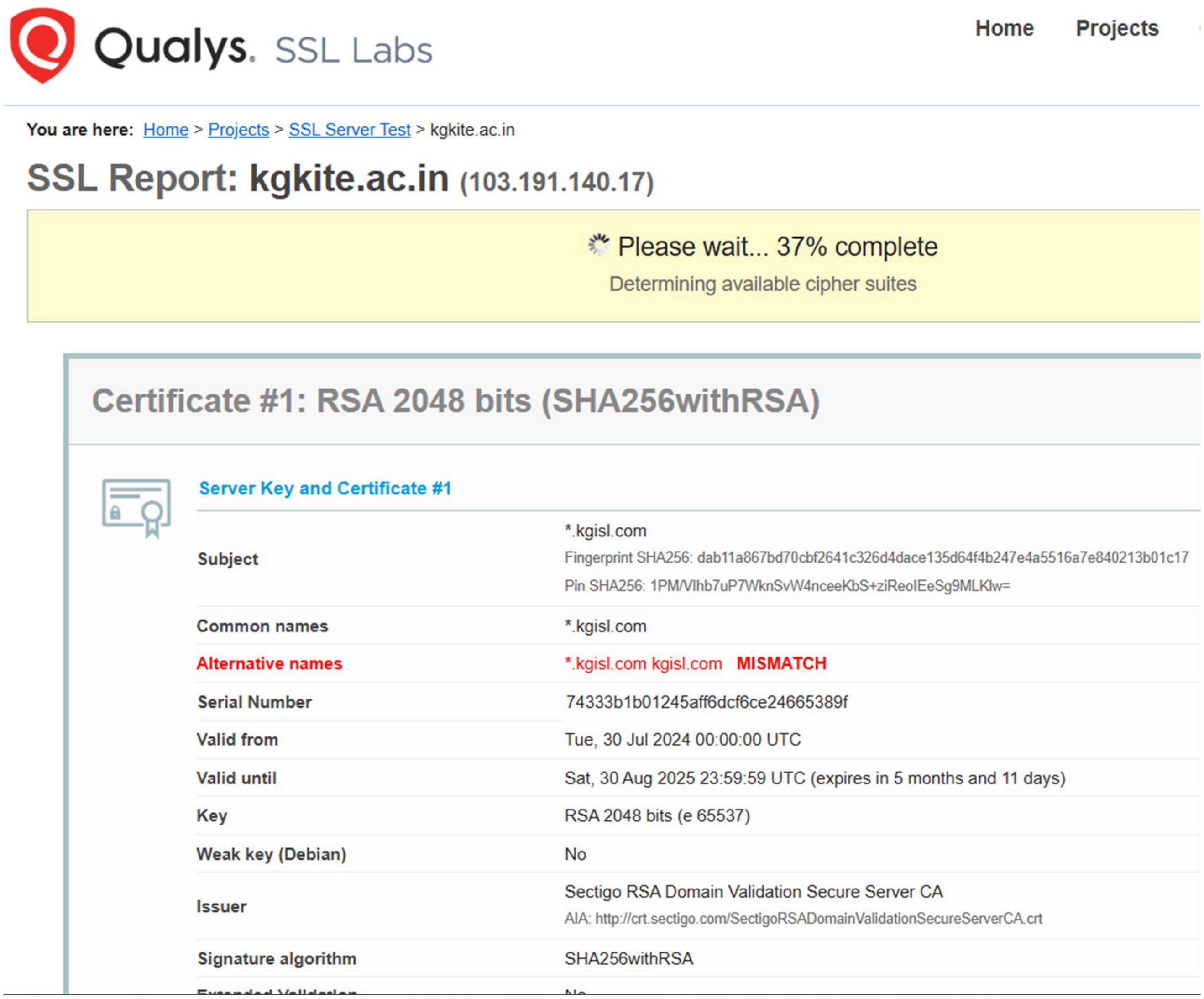
5.FINDING DETAILS IN TLS/SSL:

DESCRIPTION:

To get more details about the site, the tls and ssl have more details about the site

- Ssllabs.com

SCREENSHOTS:



You are here: Home > Projects > SSL Server Test > kgkite.ac.in

SSL Report: kgkite.ac.in (103.191.140.17)

Please wait... 37% complete

Determining available cipher suites

Certificate #1: RSA 2048 bits (SHA256withRSA)

Server Key and Certificate #1

Subject	*.kgisl.com Fingerprint SHA256: dab11a867bd70cbf2641c326d4dace135d64f4b247e4a5516a7e840213b01c17 Pin SHA256: 1PM/VIhb7uP7WknSvW4nceeKbS+ziReolEeSg9MLKlw=
Common names	*.kgisl.com
Alternative names	*.kgisl.com kgisl.com MISMATCH
Serial Number	74333b1b01245aff6dcf6ce24665389f
Valid from	Tue, 30 Jul 2024 00:00:00 UTC
Valid until	Sat, 30 Aug 2025 23:59:59 UTC (expires in 5 months and 11 days)
Key	RSA 2048 bits (e 65537)
Weak key (Debian)	No
Issuer	Sectigo RSA Domain Validation Secure Server CA AIA: http://crt.sectigo.com/SectigoRSADomainValidationSecureServerCA.crt
Signature algorithm	SHA256withRSA
Extended Validation	No

Certificate of collage site

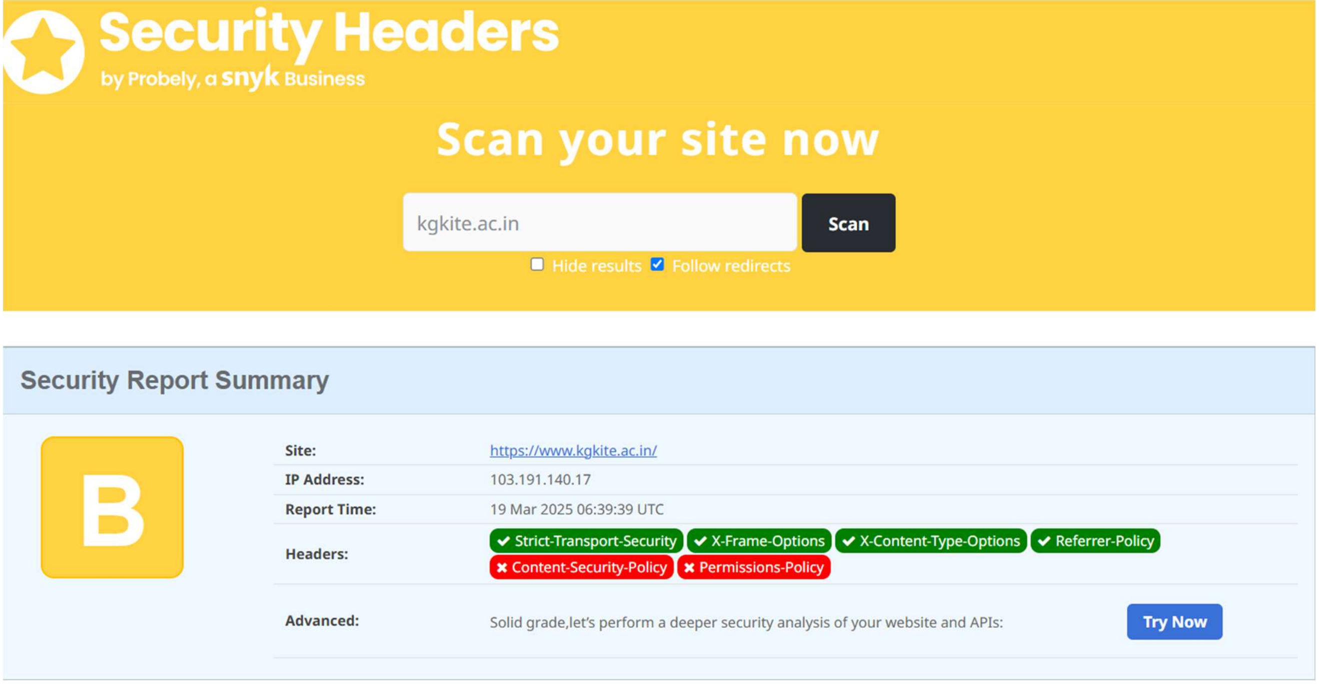
6.THE DEPLOYMENT OF THE SECURITY HEADERS:

DESCRIPTION:

To find how the headers are deployed of the targeted sites there are some tools and websites

- Securityheaders.com

SCREENSHOTS:


Security Headers
by Probely, a snyk Business
Scan your site now
kgkite.ac.in
Scan
□ Hide results ☑ Follow redirects
Try Now

Security Report Summary

B

Site:	https://www.kgkite.ac.in/
IP Address:	103.191.140.17
Report Time:	19 Mar 2025 06:39:39 UTC
Headers:	✓ Strict-Transport-Security ✓ X-Frame-Options ✓ X-Content-Type-Options ✓ Referrer-Policy ✖ Content-Security-Policy ✖ Permissions-Policy
Advanced:	Solid grade,let's perform a deeper security analysis of your website and APIs:

SCREENSHOTS OF HEADERS DEPLOYMENT

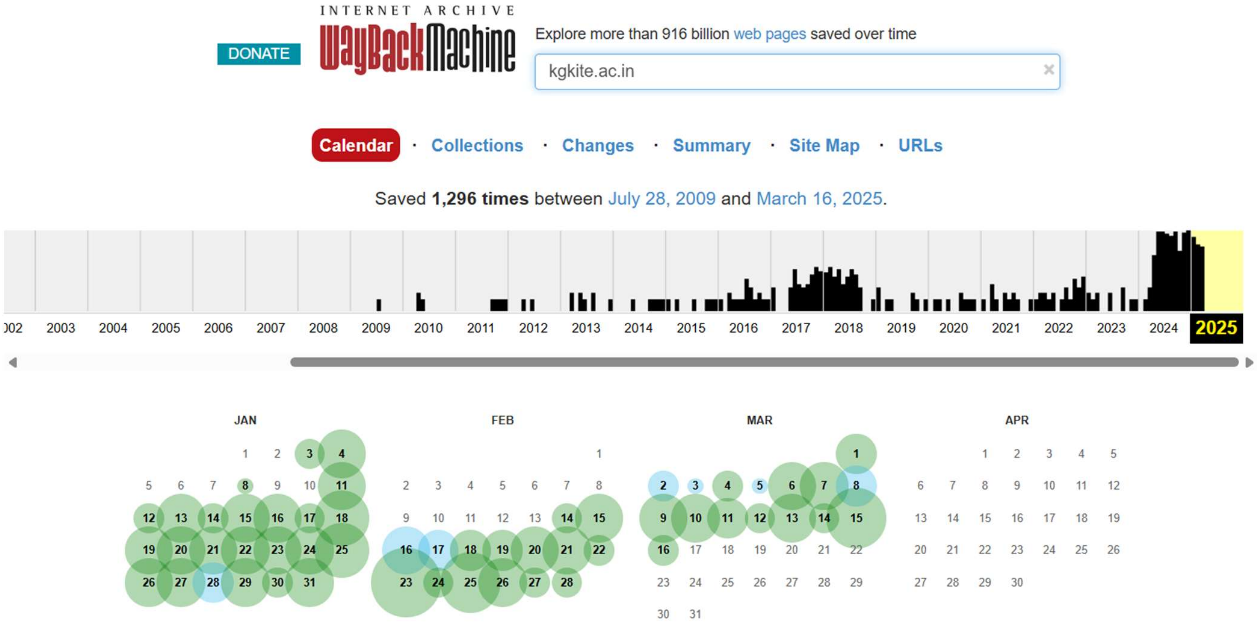
7.TO TIME TRAVEL ON WEBSITE:

DESCRIPTION:

To get the sensitive information about the targeted website there are some tools

- Wayback machine

SCREENSHOTS:



Explore more than 916 billion web pages saved over time

kgkite.ac.in

Saved **1,296 times** between July 28, 2009 and March 16, 2025.