SOBHASARIA
TIMES

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25 YEARS
of
ACADEMIC EXCELLENCE

Fifth Edition

Educational Venture of
RUPA

Leadership Rooted in Values, Driven by Vision

Behind every milestone of Sobhasaria Group of Institutions, there beats a heart full of compassion and vision. Our Chairman and Vice Chairmen are not just leaders, they are silent architects, selfless givers, and the guiding force devoted to building not just an institution, but a better society.

Shri G P Agarwala
Vice-Chairman, SGI

Padma Shri P R Agarwala
Chairman, SGI

Shri K B Agarwala
Vice-Chairman, SGI

From the Desk of Chief Editor

Dear Readers,

Greetings from Sobhasaria TIMES

It gives me immense pleasure to connect with you once again through the fifth edition of our institutional newsletter. At the outset, I extend my heartfelt thanks and gratitude to all our readers for the overwhelming response and appreciation we received for the fourth edition of Sobhasaria TIMES.The previous edition was indeed special as it captured the grand celebrations of our institution's glorious journey of 25 years. It was a matter of great pride for all of us that the Hon'ble Vice President of India, Shri Jagdeep Dhankhar Ji, graced the occasion as the Chief Guest and felicitated the meritorious students of our institute. The event was not just a celebration of our achievements but also a moment of inspiration for our entire academic fraternity.With this fifth edition, we mark the conclusion of our Silver Jubilee celebrations, during which we successfully published four quarterly editions of Sobhasaria TIMES. This journey also witnessed a significant milestone as our newsletter was awarded an ISSN number, adding more academic value and recognition to our publication.In this edition, we have focused on showcasing the academic achievements of our students and have highlighted the strategic initiatives undertaken by the institute towards skill development. We understand that the current industry landscape demands candidates who not only possess sound technical knowledge but also excel in communication skills and have an awareness of the latest developments in their domain areas.Considering that a large section of our students come from rural backgrounds, we are aware that grooming them within a limited time frame of two to three years is indeed a challenging task. However, we at Sobhasaria Group of Institutions have taken this challenge as an opportunity. Our well-structured Skill Development Program, aligned with the Vision and Mission of our institute, provides a clear roadmap for transforming our students into industry-ready professionals before they graduate.As we approach the end of this academic session, I extend my best wishes to all our final year students who are ready to embark on new journeys be it professional careers, higher studies, or family businesses. I am confident that the values and skills inculcated during their time here will guide them towards success in all their future endeavours.I also take this opportunity to express my sincere appreciation for all our dedicated faculty members who have worked relentlessly to shape our students into competent and responsible individuals capable of standing apart from the crowd.Lastly, I would like to convey my deepest gratitude to the management of Sobhasaria Group of Institutions Chairman Padma Shri P.R. Agarwala, Vice Chairman Shri G.P. Agarwala, Shri K.B. Agarwala, Member Secretary Shri Ravi Agarwala, Educationist Shri Manoj Joshi, and CA Shri Sunil Mor for their constant guidance, vision, and unwavering support in making Sobhasaria a prominent name in the field of quality education.

Let us all continue this journey of excellence together.

Warm Regards,

Chief Editor, Sobhasaria TIMES

Sobhasaria Group of Institutions, Sikar

Sobhasaria Institutions' Commitment to Academic Excellence

Sobhasaria Institutions are putting all efforts to ensure that their students excel academically. In this direction, the institution continuously supports and recognizes outstanding performers.

Students of Sobhasaria Group of Institutions were felicitated by the Hon'ble Vice President of India for their remarkable academic achievements.

Gold Medalists

1] Sakshi Agarwal (CSE, 2018-22)
University Gold Medal at Bikaner Technical University, Bikaner
2] Aditya Sharma (BCA, 2020-23):
University Gold Medal at Pandit Deendayal Upadhyaya Shekhawati University, Sikar

Merit Holders

1] Kirti Jain (CSE, 2019-23)
Secured 2nd Rank at Bikaner Technical University, Bikaner
2] Aditya Vyas (CSE, 2019-23)
 Secured 6th Rank at Bikaner Technical University, Bikaner
3] Sarita Dhaka (EE, 2019-23)
Secured 4th Rank at Bikaner Technical University, Bikaner
4] Ajay Narera (BCA, 2020-23)
Secured 3rd Rank at Pandit Deendayal Upadhyaya Shekhawati University, Sikar
5] Abhilasha P Sharma (BCA, 2020-23)
Secured 6th Rank at Pandit Deendayal Upadhyaya Shekhawati University, Sikar
6] Aman Ali (BCA, 2020-23)
Secured 7th Rank at Pandit Deendayal Upadhyaya Shekhawati University, Sikar

This recognition is a testament to Sobhasaria Institutions' unwavering commitment to nurturing talent and fostering academic brilliance. The institution takes pride in its students and remains dedicated to creating future leaders in various fields.

Recent Achievements

Sobhasaria Students shine at Pandit Deen Dayal Shekhawati University Convocation held recently

1. Aditya Sharma (BCA, 2022-2024) awarded Gold Medal

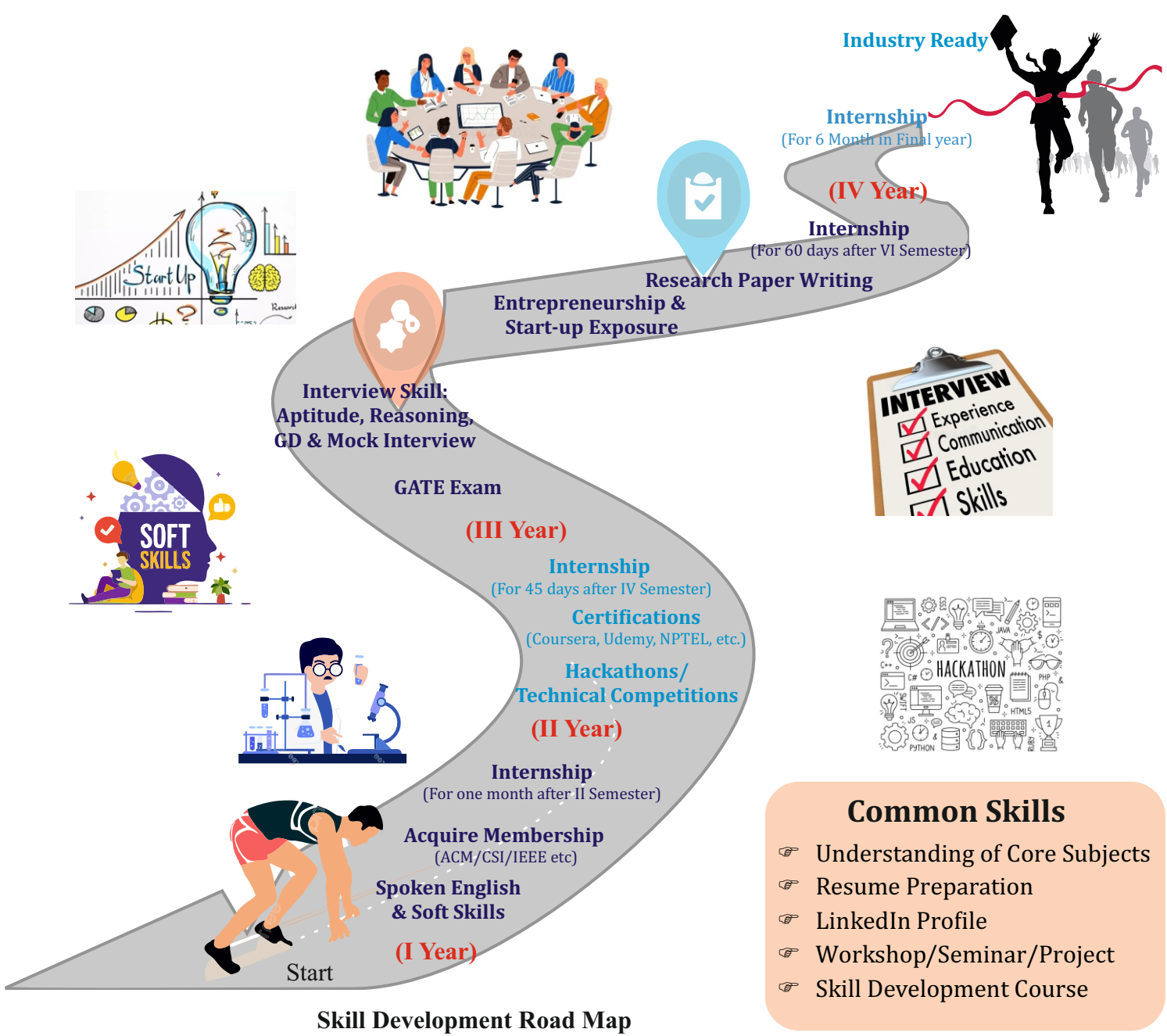**2. Priya Sharma** (BBA, 2022-24) awarded Gold Medal

The medals were conferred by Hon'ble Governor of Rajasthan, Haribhau Vagade, Vice Chancellor Anil Kumar Rai, and Chief Guest Mahamandaleshwar Kailashchand Giri.

Road Map for Skill Development & Placement Support

Skill Development of the Students

At Sobhasaria Group of Institutions, we are committed to equipping students with the **essential skills** needed to excel in their careers. Recognizing that academic knowledge alone is not sufficient in today's competitive job market, we have integrated structured programs that focus on both technical expertise and soft skills development. Our approach emphasizes practical learning, industry-oriented training, and communication enhancement to ensure students are well-prepared for professional challenges. By incorporating hands-on experiences, real-world applications, and skill-based learning from the early years, we aim to bridge the gap between academic learning and industry expectations. Through our initiatives, we cultivate technical proficiency, problem-solving abilities, and effective communication, fostering an environment where students can develop confidence, adaptability, and innovation. With a focus on multi-disciplinary growth, we ensure that every student is equipped with the necessary tools to succeed in their respective fields. Our commitment to holistic education prepares students not just for employment but also for lifelong learning and career advancement.

Industry Ready

Internship
(For 6 Month in Final year)

(IV Year)

Internship
(For 60 days after VI Semester)

Research Paper Writing

Entrepreneurship & Start-up Exposure

Interview Skill: Aptitude, Reasoning, GD & Mock Interview

GATE Exam

(III Year)

Internship
(For 45 days after IV Semester)

Certifications
(Coursera, Udemy, NPTEL, etc.)

Hackathons/ Technical Competitions

(II Year)

Internship
(For one month after II Semester)

Acquire Membership
(ACM/CSI/IEEE etc)

Spoken English & Soft Skills

(I Year)

Start

Skill Development Road Map

Common Skills

☞ Understanding of Core Subjects
☞ Resume Preparation
☞ LinkedIn Profile
☞ Workshop/Seminar/Project
☞ Skill Development Course

Communication & Soft Skill Program

Many students from the Shekhawati region excel in academics but struggle with English due to their Hindi-medium schooling. Since our institute follows an English curriculum, this creates a challenge. Good communication skills are essential for placement, but students stay with us for only three to four years, making it difficult to train them fully. To address this, we developed a **Spoken English course**, improving students' speaking, listening, and communication skills. Through role-plays, discussions, mock interview and practical exercises, they gain fluency and confidence. After Completing the course, students showed remarkable progress, preparing them for professional and personal communication.

Placement Ready Classes

The dedicated placement cell establishes strong connections with top companies, ensuring quality placement opportunities. Comprehensive pre-placement training, including **aptitude tests, group discussions,** and **technical interviews**, prepares students for the recruitment process. Career counseling sessions guide students to identify the right career paths, while a strong alumni network offers support through internships, placements, and mentorship.

Mock interview sessions are conducted regularly to equip students with essential interview skills and CV writing techniques. A dedicated panel, consisting of professionals from diverse fields, is constituted to facilitate these sessions effectively.

Industry Connect Program

To bridge the gap between academic learning and real-world industry practices, Sobhasaria Group of Institutions organizes the **Industry Connect Meet** for pre-final and final-year students, aligning the event with the celebration of Engineers Day. The primary objective of this initiative is to provide students with direct exposure to current industry trends, expectations, and career opportunities, thereby enhancing their readiness for professional challenges post-graduation. The event serves as a dynamic platform for interaction between students and industry experts, aimed at fostering practical knowledge, career insights, and employability skills.This year, Mr. Manish Sharma, General Manager of Jio Platforms Ltd., was the Chief Guest for the occasion. A total of 11 company representatives, comprising 32 members, visited the college and delivered their presentations.

Internship and Industry Exposure

Internships and industry projects provide students with real-world exposure, facilitated through partnerships and continuous engagement with industry professionals. With over 12 active MoUs, the institution bridges academia and industry through guest lectures, industry-sponsored projects, and field visits, ensuring students are industry-ready.

Our MOUs

Sobhasaria Group of Institutions has signed multiple MOUs to enhance student training, industry exposure, and career prospects. Key collaborations include Bajaj Automobile Skill Training Centre (July 2024) for guaranteed placements for female students, BITS Pilani for academic collaborations, workshops, and research opportunities. The other key MOUs are with YBI Foundation and Seldom India for skill development in the Computer Department, RUDSICO for internships in Civil Engineering, and Mahabali International Pvt Ltd. for Mechanical internships along with recent agreements include JNX Infra for engineering placements.

Sachin Singh Rathore

*"The MoU between Sobhasaria Group of Institutions and **BITS Pilani** has opened remarkable opportunities for students, including internships at a prestigious institution. I am grateful for this opportunity to work under expert guidance at BITS Pilani, where I am gaining invaluable experience in advanced AI research. The state-of-the-art labs and cutting-edge projects have significantly enhanced my technical skills and knowledge."*

Sachin Singh Rathore

Uma Jangir

*"I am immensely grateful to Sobhasaria Group of Institutions for providing exceptional opportunities for my growth. The MoU with **Banasthali Vidyapeeth** has played a crucial role in grooming me to the next level. During my internship on the latest machines, I underwent a remarkable transformation, evolving into a complete engineer. With the hands-on experience and industry exposure I gained, securing a placement is no longer a challenge. I have already been selected by two prestigious companies and am eagerly awaiting the results from the best one. I truly appreciate the guidance and support from my faculty and institution in shaping my career."*

Uma Jangid

Career Achievements of Our Students: 2024 Placement Report

At Sobhasaria Group of Institutions, we take immense pride in nurturing not just graduates, but future leaders, innovators, and changemakers. Our commitment to providing a robust academic foundation, strong industry connect, and holistic career support has enabled our students to embark on diverse and successful career journeys.

Employment & Career Pathways Overview

The **2024 Placement Report** reflects the dynamic career choices and achievements of our students across various disciplines. Our graduates have shown remarkable success in securing employment, launching entrepreneurial ventures, preparing for government services, and pursuing higher education and specialized training.

Career Category	Percentage
Private Sector Jobs	65%
Self-Employment/Startups	10.5%
Government Job Aspirants	12.3%
Higher Studies & Training	12.2%
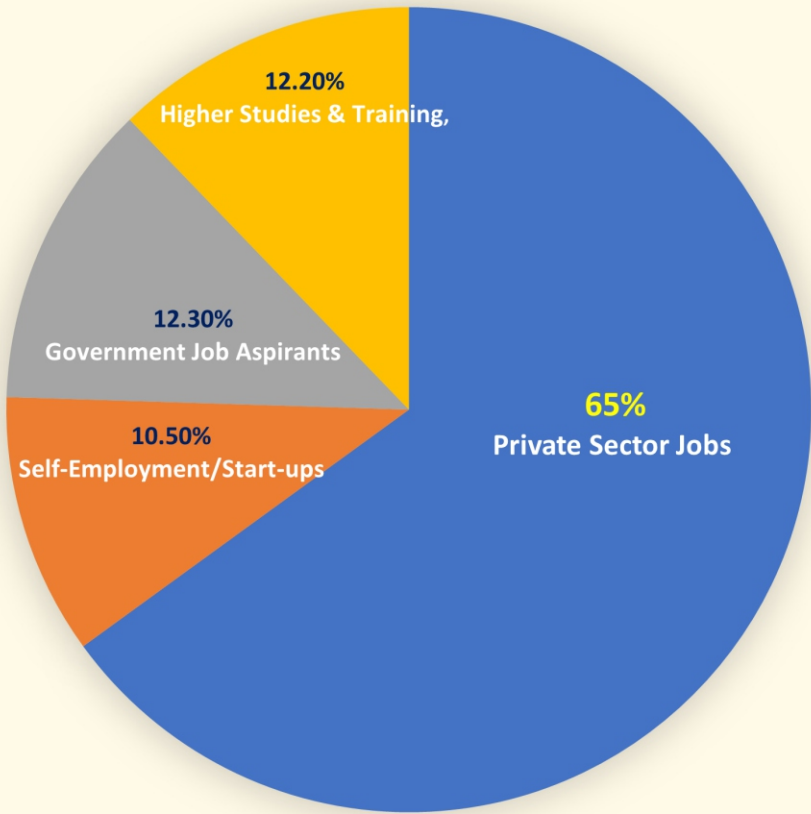
Student Engagement Distribution

Diverse Sectoral Representation

Among the students employed in the private sector, there's a healthy distribution across key domains such as Information Technology, Finance, Engineering Services, and Management roles. This diverse placement landscape speaks volumes about the quality of our programs and the preparedness of our graduates to meet industry expectations.

Entrepreneurship and Beyond

We are also witnessing a growing spirit of entrepreneurship among our students, with **10.5%** of graduates choosing to start their own ventures showcasing innovation, independence, and leadership.

Aspirations for Government Services & Higher Education

A significant number of our students (12.3% each) are pursuing government job preparations and higher education/training, reaffirming our role in laying the foundation for both academic and administrative excellence.

This year (2025), our students secured placements in top-tier companies such as **Infosys, TCS, Accenture, Equans Digital–France, Bajaj Allianz, Denave, Dainik Bhaskar, Smollan, Gmoney, Teleperformance, AU Fincare Bank & Rinex Technologies** and many more. Some of the students with exceptional placements are showcased below. These placement trends serve as a proof to the institution's unwavering dedication to student success both within and beyond the classroom. We proudly celebrate the accomplishments of our students and remain steadfast in our commitment to guiding the next generation toward even greater achievements.

Uma Jangid
Electrical Engineering
Equans Digital–France

Disha Prajapat
Computer Science & Engg.
Infosys

Narendra Singh
BCA
TCS

Sudhanshu Basotia
BCA
Accenture

Sunil Kumar Gupta

Year of Graduation: 2003
Present Status: R&D, Poornima University, Jaipur
Location: Jaipur
Mob No: +91-7976465026
Email: research@poornima.edu.in

Message: Heartfelt congratulations to Sobhasaria Group of Institutions, Sikar, on the publication of its quarterly magazine. It reflects the creativity, talent, and vibrant spirit of the SEC community. Wishing students and faculty continued success in their journey of academic excellence, innovation, and holistic development. Keep inspiring and shaping future leaders.

Sanjay Jain

Year of Graduation: 2003
Present Status: Assistant Engineer in Suratgarh thermal power station
Location: Suratgarh thermal power station district -Sriganganagar
Mob No: +91-9413342332
Email: sanjualwar13@gmail.com

Message: *Along with your studies, focus on honing your communication and presentation skills as much as possible. Strong critical thinking is equally vital. Most importantly, always believe in yourself you never know what life has in store for you.*

Mukul Singh Kachawaha

Year of Graduation: 2005
Present Status: ERP Pillar, UNDP
Location: NYC, USA
Mob No: +1-9292559569
Email: kachawaha@gmail.com

Message: *I am sincerely thankful to Sobhasaria Group of Institutions for providing me with the placement opportunity. It is because of the constant guidance and efforts of the faculty members that today I am in a position where many people dream to be. I am always ready to help my juniors in every possible way.*

Shailendra Singh Rewar

Year of Graduation: 2005
Present Status: Executive Engineer AVVNL, Sikar
Location: Sikar
Mob No: +91-9983035118
Email: ssrewar@yahoo.com

Message: *Teachers at Sobhasaria didn't just teach they inspired. Their role in my life is irreplaceable. I'm always ready to give back to the institute and juniors.*

Sharwan Kumar Nitharwal

Year of Graduation: 2005
Present Status: Asst. General Manager in SAIL
Location: Durgapur (West Bengal)
Mob No: +91-9434791988
Email: sknitharwal@gmail.com

Message: Grateful to Sobhasaria for shaping my journey. The guidance from faculty laid my career foundation. Always ready to support juniors and the institute in every possible way.

Mukhram Choudhary

Year of Graduation: 2006
Present Status: Fiserv Technology USA asProgram Manager
Location: Gurugram
Mob No: +91-9860147807
Email: mukhram0510@gmail.com

Message: The memories of hostel life, mess food, sports events, and cultural nights still bring a smile. Those were the best days, and I miss every moment.

Jyotirmoy Bhardwaj

Year of Graduation: 2008
Present Status: Data Scientist (Working in Artificial Intelligence Consulting across EU and USA)
Location: Oslo Norway
Mob No: +91-8104753182 (Whatsapp)
Email: jyotirmoy.bhardwaj@gmail.com

Message: Along with your studies, focus on honing your communication and presentation skills as much as possible. Strong critical thinking is equally vital. Most importantly, always believe in yourselfyou never know what life has in store for you.

Kanwaljit Singh Rathore

Year of Graduation: 2009
Present Status: Working as Senior Manager in SEMBCORP Industries Ltd.
Location: New Delhi
Mob No: +91-8800322066
Email: er.ksrathore@gmail.com

*Message: As an alumni of Sobhasaria Engineering College, I encourage you to make the most of every opportunity. Embrace challenges, build meaningful connections, and cherish your experiences
Time is your most valuable asset, use it wisely, use it well and don't forget to Enjoy. Best of luck on your journey!
Cheers!!*

Pankaj Chahar

Year of Graduation: 2009
Present Status: Working as a Manager in Godrej Enterprises Group
Location: Jaipur
Mob No: +91-9313815849
Email: pankaj.chahar4u@gmail.com

Message: *"There is no secret to success. It is the result of preparation, hard work, and learning from failure. College has given me the confidence I need to fail. Success is the sum of small efforts, repeated day-in and day-out."*

Sandeep Jangir

Year of Graduation: 2010
Present Status: Scientist/ Engineer SE, NRSC, ISRO
Location: Hyderabad
Mob No: +91-8125809787
Email: sandeep_j@nrsc.gov.in, sandysr48@gmail.com

Message: *As an alumnus of this esteemed institution, I'm proud of the strong foundation it gave me in electrical engineering. The concepts we learned be it power systems, control, or renewable energy are the backbone of real-world innovation. I urge current students to master the basics while staying updated with new technologies.*

Mohammed Shahanawaz Khan

Year of Graduation: B.Tech (2012) & M.Tech (2019)
Present Status: Material Assistant under Ministry of Defence
Location: Jodhpur
Mob No: 8160183045
Email: mohammed.sukun@gmail.com

Message: *"I thank Allah for blessing me with such an excellent college. My journey from B.Tech (2012) to M.Tech (2019) was truly remarkable here. The college's outstanding faculty, modern labs, and excellent facilities had made my education both enjoyable and enriching. I especially commended the faculty for their exceptional guidance and dedication. Every moment spent here was priceless to me."*

Ganesh Singh

Year of Graduation: 2013
Present Status: Network Administrator, PNB
Location: Sikar
Mob No: +91-99785681362
Email: ganeshthalor@gmail.com

Message: *A heartfelt thanks to the institute for nurturing me. My advice: master your core subjects and polish your communication it truly makes a difference in the real world.*

Nafish Chandel

Year of Graduation: 2013
Present Status: NEC Corporation India Pvt Ltd
Location: Noida
Mob No: +91-9784082281
Email: nafish.chandel@india.nec.com

Message: I owe my professional success to my teachers. Their mentorship was priceless. Happy to help current students anytime just reach out, and I'm there.

Vijendra Singh Meel

Year of Graduation: 2013
Present Status: Samsung Mobile R&D
Location: Noida
Mob No: +91-9461699556
Email: vijendrameel14@gmail.com

Message: From cheering in fests to study together, college life was unforgettable. Stay focused and make the most of both academics and fun!.

Prashant Bhamu

Year of Graduation: 2015
Present Status: Working as Deputy Director in Ministry of Power, Govt of India
Location: New Delhi
Mob No: +91-8504805032
Email: bhamuprashant@gmail.com

Message: Believe in yourself. Find your strength and build upon it.

Hemraj

Year of Graduation: 2018
Present Status: IOCL officer
Location: Haldia, West Bengal
Mob No: +91-7737188225
Email: pshemraj08@gmail.com

Message: Sobhasaria gave me lifelong friendships and a strong career foundation. I miss the campus energy and am always available for mentoring or support.

Department of Engineering

Computer Science & Engineering

The Computer Science Department fosters technical excellence through competitions, workshops, and practical learning. Events like GET SET CODE, Tech Code Quest, and Mini Hackathon sharpened coding and problem-solving skills, while workshops on VLSI, Data Science, Blockchain, PHP, and IoT & Robotics offered hands-on exposure to emerging technologies. Activities under the Computer Society of India (CSI), E-Sports Club, and Online Quiz further nurtured strategic thinking, teamwork, and interdisciplinary knowledge. These initiatives reflect the department's commitment to producing skilled, industry-ready professionals equipped for

Electrical Engineering

Electrical: In recent years, students have completed innovative projects such as Arduino-based RC cars, obstacle-avoiding robots, home automation, metro control systems using PLC, and smart irrigation systems. They developed industry-relevant prototypes like lithium battery packs, DIY spot welders, and automated water bottle packaging systems. Students from 2nd to 4th year underwent industrial training at reputed organizations, gaining practical exposure and technical skills. They also completed certifications in PLC programming, embedded systems, IoT applications, and renewable energy. Additionally, students actively participate in tech fests, project exhibitions, and national competitions, with regular involvement in startup incubation, energy-saving solutions, and industry-oriented mini-projects guided by faculty.

Civil Engineering

The Civil Engineering Department focuses on industry-oriented learning through industrial visits, site visits, and training programs, enhancing students' technical skills and industry exposure. These initiatives provide practical insights into real-world construction practices, advanced manufacturing techniques, and modern engineering methods. Additionally, in-house training on AutoCAD and Revit, in collaboration with CESA, Pune, strengthens their proficiency in design and Building Information Modeling (BIM).

Mechanical Engineering

The Mechanical Engineering Department at Sobhasaria Group of Institutions emphasizes hands-on learning, research, and industry collaboration to equip students with practical skills for diverse sectors like automobile, manufacturing, renewable energy, robotics, aerospace, HVAC, R&D, and government jobs. Students have developed innovative projects under faculty guidance, including an Electric Scooter for Zomato workers, Surface Cleaning Machine for hospitals, Electric Powered Stair Climbing Trolley, Window AC modification for energy efficiency, and Earth Air Tunnel Heat Exchanger (EATHE) for energy savings. These projects strengthened students' technical expertise, teamwork, and problem-solving abilities, preparing them for real-world engineering challenges.

Department of Management

The Department of Management at Sobhasaria Group of Institutions is committed to equipping students with industry-relevant skills, leadership qualities, and entrepreneurial acumen. Through a dynamic blend of academic care and experiential learning, the department organizes a variety of activities, including industrial visits, expert lectures, hands-on workshops, and business competitions. These initiatives provide students with practical insights into financial literacy, marketing strategies, corporate social responsibility, and emerging business trends. By fostering critical thinking, innovation, and professional preparedness, the department ensures that students are well-equipped to excel in the ever-evolving corporate landscape.

Department of Art, Commerce & Sciences

To enhance students' employability and industry readiness, various in-house skill-oriented training programs were conducted. The **Department of Commerce focused** on ITR Filing, Cyber Fraud Awareness, and PowerPoint skills. The **Department of Arts** imparted training in Effective Communication, Creative Writing, and Digital World skills. The **Department of Science** emphasized Computer Fundamentals, Mock Interviews, and English Communication. The **BCA Department** provided training in Soft Skills, Data Analysis, Cyber Security, and Digital Awareness. Similarly, the **BBA Department** trained students in Data Analysis, Digital Literacy, Soft Skills for Employability, and English Communication, fostering holistic student development.

NI : GOLD MEDALIST
Badminton
Senior Category
Asia International Champio

Sobhasaria School of Law

Sobhasaria School of Law is dedicated to providing holistic legal education through academic and practical exposure. Students visited the local police station to understand law enforcement procedures and community policing. The school celebrated Constitutional Day with an inter-departmental debate competition, promoting critical thinking and constitutional awareness. On Human Rights Day, the institution honored Om Raika, selected for Rajasthan Judicial Service (RJS) 2024, inspiring students towards legal excellence. An interactive session with Om Raika offered valuable insights into the judicial process and career guidance. Additionally, the school observed World Meditation Day, promoting mental well-being through guided meditation and mindfulness activities. These initiatives reflect the institution's commitment to nurturing socially responsible, knowledgeable, and mentally resilient legal professionals.

AAGAZ

Sobhasaria Group of Institutions celebrates its Annual Techno Fest "AAGAZ" every year with great zeal and enthusiasm as a part of its Foundation Day celebrations on 20th October. The event reflects the institution's commitment towards holistic student development through a perfect blend of technical, sports, and cultural activities. Students enthusiastically participate and showcase their talents through a series of vibrant performances including classical and contemporary dance, melodious singing, instrumental music, and a creative fashion show reflecting cultural heritage and modernity. students every year.

A part from these, various exciting and engaging activities are organized during the fest such as Roadies, Technical Exhibition, Quizzes, Poetry Competition, Mobile Gaming, Rangoli, Painting, Food Making Competitions, and many more, providing students a platform to explore their creativity, technical skills, and team spirit. A highlight of the event is the Prize Distribution Ceremony, where students are felicitated for their academic excellence, innovative contributions, sports achievements, and cultural performances. Faculty and staff members are also recognized for their dedication and contribution to the institution. AAGAZ truly symbolizes celebration, creativity, and the vibrant spirit of Sobhasaria Group of Institutions fostering talent, innovation, and holistic development among students every year.

Global Exposure

To broaden students' horizons, the institution collaborates with global partners for student exchange programs, joint research, and international internships. Recognizing the interest in higher studies abroad, plans are underway to establish a cell dedicated to guiding students in selecting and securing admissions to international universities.

Ankit Sharma (BCA - 2023)
M.Sc. - Data Science
Roehampton University, London, UK

Dilip Kajala (BCA - 2023)
M.Sc. - AI
Northeastern University, Boston, US

Kamlesh (BCA - 2023)
M.Sc. - Data Science
Roehampton University, London, UK

Pratiksha Chaudhary
B.SC. MBA in
Healthcare Management
Anglia Ruskin University
Chelmsford

Ketan Soni (BCA - 2023)
M.Sc. - Data Science
Roehampton University, London, UK

Avinash Pilania (BCA - 2024)
M.Sc. - Artificial Intelligence
Dublin Business School, Ireland

Sajid Khan (BCA - 2023)
MBA - Business Administration
Ravensbourne University, London, UK

Fostering Ethical, Social, and Physical Well-being

At Sobhasaria Group of Institutions (SGI), we are dedicated to the holistic development of our students, fostering ethical values, social awareness, and overall well-being. Through various initiatives, the institution ensures that students evolve into responsible, resilient, and well-rounded individuals prepared to contribute positively to society.

Ethical and Social Responsibility

SGI instills professional ethics, integrity, and community service through structured programs and active student participation. Students engage in social initiatives such as rural development projects, cleanliness drives, and health awareness campaigns, making a meaningful impact on society.

To support underprivileged communities, students and faculty have taken part in various charitable activities.

Distribution of Clothes, Food & Study Material in Slum Areas of Sikar

Blood Donation Camp at the Institute

Physical and Mental Well-being

Alongside physical training, the institute focuses on mental well-being through yoga sessions, stress management seminars, and counseling services. Special workshops and expert-led talks help students maintain a healthy and balanced mind.

Yoga & Stress Management Session

Raising Awareness for a Healthier Future

As part of its ongoing commitment to holistic student development, Sobhasaria Group of Institutions (SGI) places strong emphasis on ensuring that students do not indulge in harmful practices such as smoking or the use of prohibited narcotic substances, which can adversely affect their health and future. To address this, the institute conducts regular awareness sessions aimed at educating students about the serious consequences of such habits and encouraging them to lead a disciplined and healthy life.In line with this objective, SGI observed World No Tobacco Day with an impactful awareness session. The event featured informative student presentations and a thought-provoking discussion highlighting the harmful effects of tobacco consumption. The session concluded with students and faculty members taking a collective pledge to lead a smoke-free and healthier life.

Anti Tobacco Day Celebration

Nukkad Natak

To create awareness on various social and student-related issues, students actively perform Nukkad Natak outside the campus at public places. A recent Nukkad Natak on **Mental Depression** was staged at Ram Leela Maidan, focusing on spreading awareness about mental health challenges faced by the younger generation. The performance effectively conveyed a strong message through impactful storytelling and emotional expression. The event witnessed enthusiastic participation and support from faculty members, students, and their families. Such initiatives encourage students to contribute towards social responsibility and help in sensitizing the community on important issues.

Nukkad Natak at the Streets of SIkar

Motivational Talk

At Sobhasaria Group of Institutions we regularly organizes motivational talk sessions by eminent personalities to uplift students' morale. These sessions aim to address stress, anxiety, and depression among students, guiding them towards positivity and mental well-being. Such initiatives prevent students from taking extreme steps and promote a healthy, supportive academic environment.

An inspiring moment with Ms. Saraswati Sharma – A symbol of strength beyond limitations

Social Productive Activities

These activities, such as cleanliness awareness drives, installing parindas (water pots) for birds, and tree plantation programs, are conducted throughout the year. These initiatives are carried out regularly as per the prevailing conditions to develop social responsibility and environmental consciousness among students.

Cleanliness awareness drive by students through poster distribution

Students install parindas to support birdlife during summer heat

Green Energy Initiative at Our Campus

Sobhasaria Group of Institutions has taken a remarkable step towards sustain ability by installing solar panels on campus, reducing electricity costs and minimizing carbon emissions. The campus serves as a live learning platform for students, fostering awareness about green technology and environmental responsibility. Under the Energy Swaraj Mission, the institute provides energy conservation training, and so far, over 500 students have been certified in energy literacy. This initiative reflects the institute's commitment to a greener, sustainable future.

Solar Roof Top Panels in the Campus

Initiative Towards Green Campus

Classical wisdom Ramayana and Modern Management System

Dr. Bineet Sinha
Professor
Department of MBA
Sobhasaria Group of Institutions Sikar
hodmba@secs.ac.in

Abstract

The practice of management may be a modern academic discipline, but its roots are deeply embedded in ancient wisdom. The Indian epic, Ramayana, contains several episodes that illustrate fundamental principles of leadership, planning, goal setting, and decision-making, all of which are integral to strategic management. This paper draws parallels between the teachings of the Ramayana and modern strategic management, demonstrating how ancient knowledge remains relevant in contemporary business contexts.

I. Introduction

Management is taught in universities today, but its core principles have existed for centuries. Ancient Indian scriptures, such as the Ramayana, are rich repositories of wisdom that continue to offer valuable lessons for modern times. Ramayana, comprising 24,000 shlokas in 500 sargas and 7 kandas, explores human values and organizational skills applicable even today. While the Ramayana has been studied in relation to politics, philosophy, and spirituality, its application to strategic management remains underexplored. This paper aims to bridge that gap by analyzing specific episodes and linking them to the stages of the strategic management process, including environment scanning, goal setting, strategy formulation and implementation, and monitoring and evaluation.

II. Strategic Management Process

Strategy forms the root of Strategic management process. Strategy is synonymous to goal achievement under uncertain conditions by employing limited resources of an organization. The Strategic Management process is undertaken for the achievement of strategic goals by formulating and implementing strategy in an uncertain environment with an effective use of resources. Hence strategy is an integral part of the Strategic Management Process applied to achieve the organization goals (Peter Drucker, 1954). The different phases of Strategic Management process are as follows:

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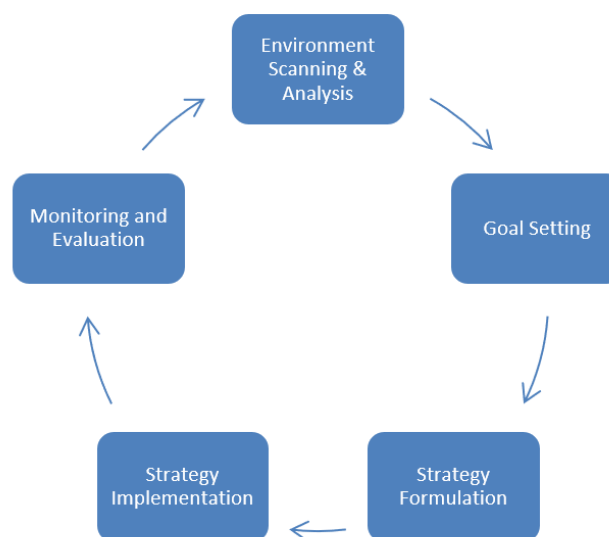
(Strategic Management Process)

First Step: Environment Scanning and Analysis

The first stage in the Strategic Management Process is to scan the external environment and analyze the present trends and future projections. Both the broad and the task environment need to be analyzed. Over the years researchers and management experts have provided several frameworks like PESTLE (Francis Aguilar, 1967), SWOT (Albert Humphrey 1960), Porter 5 forces analysis (Porter, 1980), etc. to analyze the environment in which an organization and its stakeholders operate.

Example from Ramayana:

Manthra played a crucial role in the environment scanning and analysis phase of this episode. The environment scanning started with Manthara getting a lowdown on the day of anointment of Lord Rama to the throne of Ayodhya and then telling Kakeyi the impact of Lord Rama's anointment on her and her son Bharata. She paints a grim picture of the future showing them destitute and miserable, if Lord Rama is anointed to the throne. Manthra convinces Kakeyi to stop the coronation of Rama.

Second Step: Goal Setting

After environment analysis, organizations set their goals. Generally, these goals are further broken down in different objectives so as to provide a better strategic direction to the organization and help achieve its goals much more effectively.

Example from Ramayana:

Based on this analysis of Manthara, Kakeyi sets a goal (Ayodhya Kanda). "Now itself, I shall send Rama quickly to forest. I shall get Bharata appointed for princely kingdom immediately."

Third Step: Strategy formulation

The Strategy formulation is the heart of the Strategic Management Process. After a thorough analysis of the organization's operating environment along with the goals it wants to achieve, strategy is formulated. Different scenarios are being planned (Peter Schwartz, 1991) and an outcome of all those scenarios is analyzed. The resource allocation is done so as to maximize the productivity of the resources and also to maximize the probability of attainment of set objectives. During the Strategy formulation process organizations also plan alternative strategies as a part of the backup plan to reach their goals. Some of the important strategy concepts include core competence (C K Prahlad, 1990) corporate strategy and portfolio theory, competitive advantage generic competitive strategies etc.

Example from Ramayana:

The strategy formulation happens between Kakeyi and Manthara after the goal is set. Manthara reminds Kakeyi of her 2 pending boons, given to her by Dashratha for saving his life. She tells her to enter into the "room of wrath" as if angry with him and lie down on the floor without any spread underneath and wearing soiled clothes. Kakeyi has to look sorrowful and keep on crying, without looking at Dashratha and without talking to him face to face.

Fourth Step: Strategy Implementation

The execution of the formulated strategy happens during the strategy implementation phase. The implementation phase witnesses the real action on the ground. This is when the rubber meets the road. All the factors of business success like men, machine, material, money, methods are aligned to reach the goals at the corporate, business and functional level. The implementation process synergizes the effort of all the functions to minimize the gap between planning and execution.

Example from Ramayana:

Strategy once formulated was well implemented. This has been captured in Ayodhya Kanda which narrates in detail the setting of "room of wrath" before the conversation between Kakeyi and Dashratha begins. Sarga 11 narrates the conversation between Kakeyi and Dashratha and in the end of this sarga, she unravels her twin objectives of making Bharata the king and sending Lord Rama to Dandaka forest for fourteen years. Sarga 12 & Sarga 13 depicts the shocking state of King Dashratha after hearing Kakeyi's demands and his relentless pleading to her to change her mind but as decided by Manthra and Kakeyi during strategy formulation process, Kakeyi was completely focused on fulfilling her twin objectives.

Fifth Step: Monitoring and evaluation

Monitoring and evaluation goes hand in hand with the strategy implementation process. The strategy thus formulated requires acumen to execute during the implementation process. Various controllable and uncontrollable factors, which may have skipped organization's attention during the strategy formulation process, will come into play during the implementation phase. The implementation phase needs to be keenly monitored and evaluated and a corrective action is to be taken wherever required. This phase is crucial in correcting intermittently, the strategic direction of the organization. The improved strategy acts as an input to the 2nd cycle of Strategic Management Process. This cycle continues till the organization achieves its goals. Some of the tools used during this process include balanced scorecard strategy maps etc.

Example from Ramayana:

After the implementation of her strategy, Kakeyi monitored the situation till the time her goal of sending Lord Rama to forest was achieved. This is described in Sarga 18 and Sarga 36. Kakeyi makes sure that Sumantra should bring Lord Rama to her palace and the news of Bharata's coronation and his exile should be told to him. She herself broke the news to Lord Rama (Verse 34 – 40, Sarga 18, Book 2, Ayodhya Kanda). Also in Sarga 36 when Dashratha decided to send his army along with Lord Rama for his protection to forest, she made sure that Lord Rama should go to forest without any army or treasure to aid him (Ayodhya Kanda).

(Courtesy: https://www.istockphoto.com)
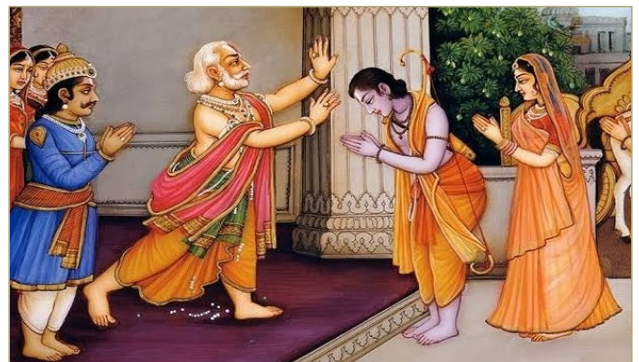
Hence a complete strategic management process was followed by **Manthara and Kakeyi** in this episode to achieve their twin objectives of Lord Rama's exile and Bharata's coronation to the throne.

III. Hanuman's Mission in Lanka as a SWOC Analysis

SWOC Analysis is an important business tool today. Organizations before taking an important decision in an uncertain environment of today do a SWOC (Strength, Weakness, Opportunity and Challenges) analysis. The SWOC analysis minimizes the risk and helps organization focus on the opportunities aligned with its strength. Ram had sent Hanuman to Lanka to study the situation before taking any action in an uncertain condition. In modern days we use visiting card as an ID which contains the details of a person, Rama sent Hanuman with a visiting card "Ring" which was shown to Sita Mata as an id proof by Hanuman.

After meeting Mata Sita, Hanuman decided to test the strength of the demons. Hanuman's journey can be seen as a well-executed investigation mission, similar to how businesses conduct a SWOC analysis before making strategic decisions.

These are few example of similarity between Ramayana and Modern Management principles for SCOC analysis.

1. Strengths (S): Hanuman assesses his own strengths, such as his immense power, intelligence, and the blessings of Lord Rama. His ability to fly, change size, and his courage give him an edge in completing the mission.

2. Weaknesses (W): He is alone in enemy territory and must operate covertly. If caught, he may not be able to return with crucial information. Just like in business, recognizing weaknesses is vital for risk management.

3. Opportunities (O): Hanuman sees an opportunity to gather critical intelligence on Ravana's army, palace defenses, and Sita's condition. This information will help Rama strategize an effective war plan.

4. Challenges (C): He faces multiple threats: Ravana's powerful army, Lanka's security, and the risk of being discovered. But he uses his wisdom and tactics to overcome them, similar to how businesses mitigate risks in competitive environments.

Hanuman's mission in Lanka exemplifies a well-structured SWOC analysis, highlighting the importance of assessing strengths, acknowledging weaknesses, identifying opportunities, and preparing for challenges before making strategic decisions. His meticulous approach in gathering intelligence, mitigating risks, and leveraging his abilities aligns with modern business practices, where organizations conduct thorough analyses before executing critical strategies.

This comparison reinforces that ancient wisdom holds valuable lessons for contemporary management. Just as Hanuman's strategic insights contributed to Lord Rama's victory, businesses today can achieve success by effectively analyzing their environment and making informed decisions.

IV. Conclusion

The Ramayana, beyond its spiritual and cultural significance, offers profound insights into strategic management. By analyzing key episodes, we see striking parallels between ancient wisdom and modern management principles. From environment scanning in Kaikeyi's strategy to Hanuman's SWOC analysis in Lanka, the text demonstrates structured decision-making, goal setting, strategy formulation, execution, and monitoring pillars of contemporary strategic management.

This exploration reinforces that effective leadership, resource management, and planning are timeless. The Ramayana's lessons continue to inspire and provide valuable guidance in navigating complex challenges, making them relevant not just in mythology but also in today's business and management practices.

(**Note:** Photos Curtsey Google Images)

Digital Forensics in Cybersecurity: The Ultimate Defense Against Cyber Threats

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Introduction

In an era dominated by technology, cyber threats have become more sophisticated and pervasive, making cybersecurity a critical concern for individuals, businesses, and governments alike. As cybercriminals continue to evolve their tactics, the need for effective investigative techniques has never been greater. This is where **digital forensics** plays a pivotal role. Digital forensics in cybersecurity helps uncover, analyze, and mitigate cyber threats by retrieving and examining digital evidence. This article delves into the significance of digital forensics, its methodologies, and its role in fortifying cybersecurity.

Understanding Digital Forensics

Digital forensics is a branch of forensic science focused on the identification, preservation, analysis, and presentation of electronic evidence. It involves the systematic investigation of digital devices such as computers, mobile phones, networks, and cloud storage to uncover cybercrimes and security breaches. Digital forensics is crucial in cases of cyberattacks, fraud, identity theft, and data breaches, providing investigators with actionable intelligence to prevent future incidents.

Key Components of Digital Forensics

Digital forensics consists of several specialized fields, each dealing with different aspects of electronic evidence. The main branches include:

1. Computer Forensics – Involves analyzing data from desktops, laptops, and other computing devices to recover deleted files, trace unauthorized access, and detect malware.

2. Network Forensics – Focuses on monitoring and analyzing network traffic to identify security breaches, insider threats, and cyber espionage.

3. Mobile Forensics – Deals with extracting and analyzing data from smartphones and tablets, including call logs, messages, emails, and app data.

4. Cloud Forensics – Investigates cybercrimes involving cloud environments, ensuring data integrity and tracking unauthorized access.

5. **Malware Forensics** – Examines malicious software, such as viruses, ransomware, and spyware, to determine their origin, purpose, and impact.
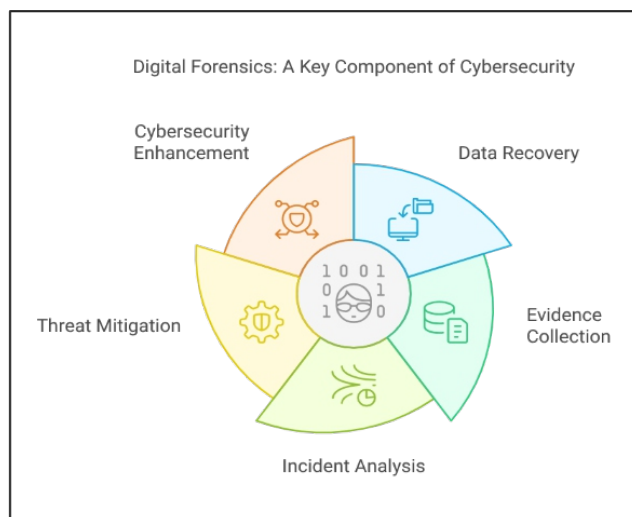
The Digital Forensics Process

The process of digital forensics follows a structured methodology to ensure accuracy and integrity in handling digital evidence. The key stages include:

1. **Identification** – Detecting potential sources of evidence, such as hard drives, log files, or network data.

2. **Preservation** – Ensuring the evidence is not tampered with or altered, often by creating a forensic image of the digital device.

3. **Analysis** – Examining the data using forensic tools to reconstruct events, identify threats, and extract relevant information.

4. **Documentation** – Recording findings meticulously to maintain a chain of custody and support legal proceedings.

5. **Presentation** – Preparing reports and providing expert testimony in court if required.
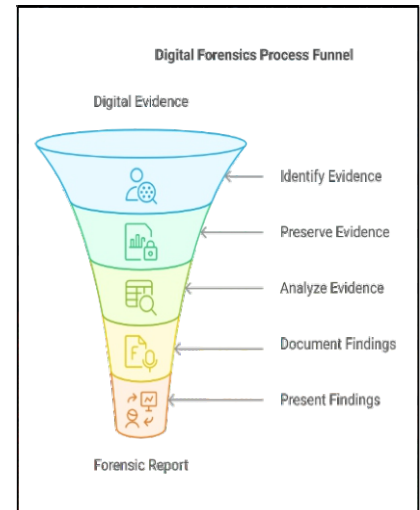
Role of Digital Forensics in Cybersecurity

Digital forensics plays a crucial role in cybersecurity by helping organizations detect, prevent, and respond to cyber threats. Its contributions include:

1. **Incident Response** – When a cyberattack occurs, digital forensics helps identify the source, extent, and method of attack, enabling quick remediation.

2. **Threat Intelligence** – By analyzing past cyber incidents, forensic experts can predict and prevent future attacks.

3. **Fraud Detection** – Digital forensics uncovers fraudulent activities, such as financial fraud, insider threats, and corporate espionage.

4. **Legal Compliance** – Many industries are subject to regulatory requirements for data protection, and digital forensics ensures compliance with laws such as GDPR, HIPAA, and PCI DSS.

5. **Cybercrime Investigation** – Law enforcement agencies use digital forensics to track cybercriminals, gather evidence, and prosecute offenders.

Challenges in Digital Forensics

Despite its importance, digital forensics faces several challenges, including:

1. **Encryption and Anonymity** – Advanced encryption methods and anonymous browsing make it difficult to trace cybercriminals.

2. **Rapid Technological Advancements** – The fast-evolving digital landscape requires forensic experts to continuously update their skills and tools.

3. **Data Volume and Complexity** – The massive amount of data generated daily complicates forensic investigations.

4. **Cloud Computing** – Investigating cloud environments is challenging due to jurisdictional and access-related issues.

Legal and Ethical Concerns – Forensic investigations must balance privacy rights with the need for digital evidence collection.

Tools and Techniques in Digital Forensics

Digital forensics experts rely on specialized tools and techniques to investigate cyber incidents effectively. Some widely used tools include:

- **Autopsy and Sleuth Kit** – Open-source forensic tools for analyzing hard drives and recovering deleted files.
- **FTK (Forensic Toolkit)** – A comprehensive digital investigation platform used by law enforcement agencies.
- **Wireshark** – A network protocol analyzer for monitoring and analyzing network traffic.
- **EnCase** – A commercial forensic tool for extracting and analyzing digital evidence.
- **Volatility Framework** – Used for memory forensics and detecting malware in system memory.

Techniques such as **live forensics** (analyzing running systems), **memory forensics** (examining RAM contents), and **log analysis** (reviewing system and network logs) are crucial in uncovering cyber threats.

Future of Digital Forensics

As cyber threats continue to evolve, digital forensics must advance to keep pace. Some emerging trends include:

1. **AI and Machine Learning** – Automation in forensic analysis will enhance detection and response to cyber threats.
2. **Blockchain Forensics** – Investigating blockchain transactions to track cryptocurrency fraud and illicit activities.
3. **IoT Forensics** – With the rise of IoT devices, forensic experts will need to analyze data from smart devices.
4. **Cloud and Remote Forensics** – Advanced techniques will be required to analyze data in decentralized and cloud-based environments.

Conclusion

Digital forensics is an indispensable component of cybersecurity, providing essential tools and methodologies to combat cyber threats. As cybercriminals become more sophisticated, digital forensics will continue to evolve, ensuring organizations, law enforcement, and governments can effectively investigate and prevent cybercrime. By investing in advanced forensic tools, training experts, and staying ahead of emerging threats, we can create a safer digital world. The future of cybersecurity depends on the proactive integration of digital forensics into security strategies, making it the ultimate defense against cyber threats.

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OSINT for Cyber Threat Intelligence: Case Studies in Ransomware, Phishing, and Data Breaches

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Abstract

Open-Source Intelligence (OSINT) has emerged as a critical component in cybersecurity investigations, aiding organizations in identifying, analyzing, and mitigating cyber threats. This paper explores the role of OSINT in cyber threat intelligence, focusing on three major cyber threats: ransomware, phishing, and data breaches. Through real-world case studies, we demonstrate how OSINT tools and techniques enhance cyber investigations, providing valuable insights into threat actors, attack patterns, and preventive measures. Additionally, statistical data highlights the growing relevance of OSINT in mitigating cyber threats.

Introduction

The digital era has witnessed a surge in cyber threats, making cybersecurity intelligence a necessity for organizations. OSINT, which involves collecting publicly available data from various online sources, plays a pivotal role in cyber threat intelligence. It enables security professionals to track cybercriminal activities, predict attacks, and respond effectively. According to the **2023 Cybersecurity Ventures Report**, global cybercrime costs are expected to reach **$10.5 trillion annually by 2025**, emphasizing the need for enhanced cyber intelligence (Cybersecurity Ventures, 2023). This paper examines the application of OSINT in investigating ransomware, phishing, and data breaches using real-world case studies.

OSINT in Ransomware Investigations

Ransomware attacks have increased significantly, targeting individuals and organizations globally. OSINT aids in tracking ransomware groups, analyzing attack vectors, and identifying vulnerabilities.

- **Ransomware attacks increased by 105% in 2021** compared to the previous year (SonicWall, 2022).

- **The average ransom payment in 2023 was $1.54 million**, marking a 40% increase from 2022 (Coveware, 2023).

- **Over 66% of organizations globally reported being affected by ransomware in 2023** (Sophos, 2023).

Case Study: Colonial Pipeline Attack (2021)

In May 2021, the Colonial Pipeline suffered a ransomware attack by the DarkSide group, leading to fuel shortages across the U.S. OSINT tools, such as dark web monitoring and threat intelligence platforms, helped investigators trace ransom negotiations and identify DarkSide's infrastructure. By analyzing leaked conversations and Bitcoin transactions, OSINT played a crucial role in understanding the attackers' tactics and assisting law enforcement agencies in disrupting their operations (Krebs, 2021).

Further investigation revealed that the attackers had gained initial access through a compromised password found in dark web forums. OSINT tools were used to track down discussions related to the sale of credentials and potential affiliates involved in the attack.

Case Study: MOVEit Data Theft Ransomware Attack (2023)

In 2023, the MOVEit Transfer file-sharing software was targeted in a massive ransomware attack by the Cl0p ransomware group. The attackers exploited a zero-day vulnerability to gain access to sensitive data from multiple organizations, including government agencies, banks, and healthcare institutions. OSINT played a critical role in identifying the scope of the attack by tracking underground forums where the stolen data was being auctioned. Security researchers used OSINT techniques such as dark web monitoring and social media analysis to gather intelligence on Cl0p's negotiation tactics and potential next targets (CISA, 2023).

OSINT in Phishing Investigations

Phishing remains a prevalent cyber threat, often serving as an entry point for larger attacks. OSINT helps organizations detect phishing campaigns by monitoring suspicious domains, email patterns, and social engineering tactics.

- **Phishing attacks increased by 47% in 2022**, with business email compromise (BEC) causing $2.7 billion in losses (FBI IC3 Report, 2023).

- **Over 83% of organizations reported experiencing phishing attempts in 2023** (Verizon Data Breach Investigations Report, 2023).

Case Study: Google and Facebook Scam (2013-2015)

Between 2013 and 2015, cybercriminals tricked Google and Facebook into transferring over $100 million through fraudulent emails impersonating a supplier. OSINT played a key role in uncovering the attack by analyzing phishing domains, tracking email headers, and identifying patterns in fraudulent invoices. Security teams used OSINT-based email threat intelligence to prevent future incidents (Poulsen, 2017).

Case Study: Microsoft 365 Phishing Attack (2023)

In 2023, an advanced phishing campaign targeted Microsoft 365 users, stealing login credentials through sophisticated email impersonation techniques. OSINT played a crucial role in identifying and shutting down the phishing infrastructure by analyzing domain registrations, email headers, and IP addresses associated with malicious activity. Security teams leveraged OSINT-based URL scanning and email tracking tools to flag and report phishing attempts before they could spread further (Microsoft Security, 2023).

OSINT in Data Breach Investigations

Data breaches expose sensitive information, causing financial and reputational damage. OSINT assists in detecting and mitigating breaches by monitoring dark web marketplaces, analyzing leaked databases, and tracking stolen credentials.

- **The average cost of a data breach in 2023 was $4.45 million**, an increase of 15% over three years (IBM Cost of a Data Breach Report, 2023).

- **More than 5.1 billion records were exposed in data breaches in 2022**, highlighting the critical need for OSINT-driven monitoring (Statista, 2023).

43% of data breaches are linked to stolen or compromised credentials, emphasizing OSINT's role in credential monitoring (Verizon, 2023).

(Courtesy: https://www.istockphoto.com)

Case Study: AT&T Data Leak (2023)

In early 2023, personal data of over 9 million AT&T customers was leaked on the dark web due to a data breach. OSINT analysts monitored underground forums and identified the sale of customer information, including names, phone numbers, and account details. Investigators used OSINT techniques such as breach analysis and forum infiltration to assess the source of the leak and collaborate with law enforcement to mitigate the impact (AT&T Security, 2023).

Conclusion

One of the most significant advantages of OSINT is its ability to provide real-time intelligence from publicly available sources. Threat actors often leave digital footprints across social media, dark web marketplaces, and underground forums. By monitoring these platforms, security professionals can identify emerging threats before they escalate into full-scale cyber incidents. Additionally, OSINT tools enable organizations to trace malicious actors, analyze attack patterns, and enhance threat intelligence capabilities.

However, OSINT also presents challenges. The vast amount of information available can be overwhelming, and filtering relevant intelligence requires expertise. Furthermore, the ethical and legal aspects of OSINT must be carefully considered, ensuring that investigations adhere to privacy laws and regulations.

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(Courtesy: https://www.istockphoto.com)

Meet Nikhil Jangir:
A Proud Sobhasarian Alumni

Nikhil Jangir, an engineering graduate from Sobhasaria Group of Institutions, class of 2014, has carved a remarkable journey from the Shekhawati region to leading IT consulting initiatives at BigRio and Saviance Technologies. He specializes in IT consulting and staffing, working closely with talented data engineers and scientists to build cutting-edge solutions in Big Data, Machine Learning, and Software Engineering.

With professional experience spanning multiple industry sectors, his passion for technology and innovation eventually led him to the world of Data Engineering and AI-driven solutions. He currently resides in the United States and leads teams that help businesses adopt and implement advanced technology solutions.

Journey at Sobhasaria Group of Institutions

Nikhil joined Sobhasaria Engineering College in 2010 as a Computer Science & Engineering student and spent four transformative years at the institution. His college years were filled with learning, friendships, and experiences that played a crucial role in shaping his career. He was actively involved in tech discussions, late-night brainstorming sessions, and hostel debates about the future of technology.

Some of his most cherished memories include strolling around the central lawn at midnight, engaging in thought-provoking discussions in Room No. 100 of the boys' hostel, and working on projects that expanded his horizons.

He attributes a great deal of his professional success to his professors, especially Dr. Rakesh Kumar, who inspired him to look beyond conventional career paths and develop his own space in the industry. His guidance encouraged Nikhil to explore technology beyond textbooks and to believe in the power of continuous learning.

Struggles & Learning

Like many students from small towns, Nikhil faced initial challenges in adapting to the competitive tech landscape. The transition from college to the professional world was not easy, but perseverance, networking, and continuous learning helped him overcome the hurdles. He had to work extra hard to bridge the gap between classroom knowledge and industry expectations. However, those struggles became the foundation for his success.

About His Companies

BigRio (https://bigr.io/) – A Boston-based technology consulting firm with MIT and Harvard roots. Specializing in Big Data, AI, Machine Learning, and Custom Software solutions, the company has recently set up a state-of-the-art innovation hub to revolutionize Generative AI (GAI) and Large Language Models (LLMs) for the healthcare industry.

Saviance Technologies (https://saviance.com/) – A leader in Digital Health and Healthcare IT solutions, helping clients across the US, Europe, and India navigate their digital transformation journeys. Saviance focuses on cost-effective IT solutions to address complex challenges in the US Pharmaceutical & Healthcare industry.

Message for Juniors

As you continue your journey at **Sobhasaria Group of Institutions**, Nikhil shares a few thoughts that helped him navigate his career:

- ➢ Make the most of your college years. Engage in learning beyond the classroom, participate in extracurricular activities, and seek internships.
- ➢ **Step out of your comfort zone.** Don't be afraid to take risks, ask questions, and explore new technologies.
- ➢ **Network and seek mentorship.** Your teachers, seniors, and alumni are valuable resources who can guide you toward exciting opportunities.
- ➢ **Grades are important, but growth matters more.** Focus on developing skills, practical knowledge, and an innovative mindset.
- ➢ **Challenges will come, but resilience is key.** Believe in yourself, stay curious, and keep pushing forward. Success is built through persistence and adaptability.
- ➢ As an alumnus, Nikhil is always ready to support the next generation of Sobhasarians. Students looking for guidance or career advice can connect with him on **LinkedIn**:
- ➢ https://www.linkedin.com/in/nikhiljangir/.

(Courtesy: https://www.istockphoto.com)

पुनर्जन्म की कहानी: एक नन्हे उल्लू की वापसी

पिछले अंक में हमने साझा किया था कि हमारे संस्थान के एक संकाय सदस्य ने एक वृद्ध और बीमार उल्लू को बचाया था। वह उल्लू अत्यंत दुर्बल अवस्था में था, जिसे हमारे प्रयोगशाला में प्रारंभिक उपचार दिया गया।

उचित देखभाल के बाद, उसे सरकारी पशु चिकित्सालय भेजा गया, जहाँ सभी प्रयासों के बावजूद वह बच नहीं सका और उसका निधन हो गया। हिंदू पौराणिक मान्यताओं के अनुसार, मृत्यु के पश्चात आत्मा पुनर्जन्म लेती है। इस धारणा को मानो सत्य सिद्ध करने के लिए कुछ महीनों के बाद हमारे कॉलेज भवन में एक युवा उल्लू प्रकट हुआ, मानो यह कह रहा हो कि "मैं वापस आ गया हूँ।" यह दृश्य देखकर सभी चकित रह गए। इस नन्हे उल्लू को हमारे संकाय सदस्य श्री प्रीतम लाटा ने बचाया, जिन्हें पक्षियों और विशेष रूप से सर्पों के विषय में गहरी जानकारी है। उन्होंने उल्लू को अपनी प्रयोगशाला में ले जाकर उसका स्वास्थ्य परीक्षण किया और यह सुनिश्चित किया कि वह पूरी तरह स्वस्थ है। इसके पश्चात, उन्होंने उल्लू को उचित स्थान पर मुक्त कर दिया। उल्लू ने खुशी-खुशी अपने पंख फैलाए और उड़ चला, मानो यह संदेश दे रहा हो कि वह अब स्वतंत्र और सुरक्षित है। इस घटना ने न केवल पुनर्जन्म की अवधारणा को एक नई दृष्टि दी, बल्कि यह भी दर्शाया कि प्रकृति से जुड़ाव और जीवों के प्रति संवेदनशीलता हमारे दायित्वों में से एक है। श्री प्रीतम लाटा का यह कार्य न केवल सराहनीय है, बल्कि यह हम सभी के लिए प्रेरणास्रोत भी है कि हमें अपने आस-पास के जीव-जंतुओं की देखभाल करनी चाहिए और उनकी सुरक्षा के प्रति जागरूक रहना चाहिए।

भारत: कल, आज और कल –
एक ऐतिहासिक और दार्शनिक दृष्टिकोण
प्रथम भाग

निशांत माथुर
असिस्टेंट प्रोफ़ेसर

सारांश

इतिहास का अध्ययन मानवता के मूल को समझने और भविष्य की झलक पाने का अवसर प्रदान करता है। इसी विचारधारा को आगे बढ़ाते हुए **सोभासरिया टाइम्स** भारतीय इतिहास पर एक विशेष श्रृंखला प्रस्तुत कर रहा है . "भारत: कल, आज और कल" इस श्रृंखला के अंतर्गत हम विभिन्न ऐतिहासिक घटनाओं का विश्लेषण करेंगे, वर्तमान का मूल्यांकन करेंगे और भविष्य की संभावनाओं पर विचार करेंगे।

I. प्रस्तावना

वर्तमान समय में यह और भी आवश्यक हो गया है कि भारत के अतीत, वर्तमान और भविष्य को किसी पूर्वग्रह से मुक्त होकर देखा जाए, ताकि आने वाली पीढ़ियाँ भारत की एक सकारात्मक और प्रगाढ़ छवि विकसित कर सकें। आज का डिजिटल युग इंस्टाग्राम और फेसबुक की दुनिया युवाओं को वास्तविक भारत से कहीं दूर ले जा रहा है। ऐसा प्रतीत होता है कि भारत अपनी पहचान को लेकर एक गहरे संघर्ष से गुजर रहा है।

II. भारत की भौगोलिक और सांस्कृतिक विविधता

कोई भी संस्कृति उस देश की जलवायु और भौगोलिक परिस्थितियों पर निर्भर करती है। भारत जैसे विशाल देश में उत्तर से दक्षिण और पूर्व से पश्चिम तक विविध जलवायु परिस्थितियाँ पाई जाती हैं, जो इसकी सांस्कृतिक विविधता का भी आधार बनती हैं। बाबर ने भी अपनी आत्मकथा "तज़क-ए-बाबर" (बाबरनामा) में भारत की सांस्कृतिक समृद्धि और विविधता का उल्लेख किया है।

III. भारत की ऐतिहासिक समावेशिता

इतिहास गवाह है कि भारत सदैव से आध्यात्मिकता का केंद्र रहा है। प्राचीन काल से ही यहाँ विभिन्न देशों से लोग अध्ययन और आध्यात्मिक शोध हेतु आते रहे हैं। भारत न केवल आध्यात्मिक शक्ति बल्कि अपनी अपार संपदा और समृद्ध संस्कृति के लिए भी वैश्विक आकर्षण का केंद्र रहा है। भारत ने सदैव शरणार्थियों का स्वागत किया है और उन्हें अपनी समावेशी संस्कृति में आत्मसात किया है।

IV. आक्रमण और सांस्कृतिक चुनौतियाँ

भारत ने केवल शरणार्थियों का स्वागत ही नहीं किया, बल्कि समय-समय पर अनेक आक्रमणों और सांस्कृतिक चुनौतियों का भी सामना किया। कई विदेशी शक्तियों ने इसे तोड़ने और इसकी संस्कृति को विकृत करने का प्रयास किया, किंतु भारत की सतत और समावेशी संस्कृति इतनी सशक्त रही कि वह इन हमलों को सहन कर स्वयं को और भी निखारती रही।

V. गंगा-जमनी तहज़ीब: एक समन्वित संस्कृति

जब दो भिन्न संस्कृतियाँ आपस में मिलती हैं, तो एक नई और अनूठी संस्कृति का जन्म होता है। भारतीय उपमहाद्वीप में इस सांस्कृतिक सम्मिलन का सबसे उत्कृष्ट उदाहरण "गंगा-जमनी तहज़ीब" है, जो भारत की सहिष्णुता और समावेशिता का प्रतीक है।

VI. पौराणिक दृष्टिकोण: चार युग और ब्रह्मांड की उत्पत्ति

A. समय की अवधारणा

भारतीय पौराणिक साहित्य में युगों और ब्रह्मांड की उत्पत्ति की अवधारणा अद्वितीय और जटिल है। इसमें चार युगों की बात की जाती है सत्य युग, त्रेता युग, द्वापर युग और कलियुग।

B. ब्रह्मांड की उत्पत्ति

ऋग्वेद (10.121) के अनुसार, ब्रह्मांड की उत्पत्ति हिरण्यगर्भ नामक अंडे से हुई, जो प्राचीन जल से उत्पन्न हुआ था। नासदीय सूक्त (ऋग्वेद 10.129) में ब्रह्मांड की उत्पत्ति से पहले की स्थिति का गूढ़ वर्णन किया गया है, जहाँ न 'सत्' था, न 'असत्', न आकाश था, न पृथ्वी और न ही पाताल। केवल शून्यता और अंधकार का साम्राज्य था।

C. आधुनिक वैज्ञानिक समानता

आधुनिक विज्ञान के अनुसार भी ब्रह्मांड की उत्पत्ति 'बिग बैंग' नामक एक महाविस्फोट से हुई, जो एक अत्यंत घनत्व वाले बिंदु से शुरू हुआ। इस विस्फोट से ही 'स्थान', 'समय' और 'पदार्थ' की उत्पत्ति हुई। वेदों में वर्णित 'नाद' या 'ध्वनि' को ब्रह्मांडीय 'ॐ' ध्वनि से जोड़ा गया है, जो बिग बैंग से उत्पन्न ध्वनि के तुल्य है।

VII. चार युगों का विवरण

एक महायुग (चतुर्युग) कुल 43.2 लाख वर्षों का होता है, और एक कल्प 1000 महायुगों का समुच्चय होता है।

युग	अवधि (वर्षों में)	विशेषताएँ
सत्य युग	17,28000	नैतिकता और सत्य की प्रधानता; सभी मानव गुणों के शिखर पर
त्रेता युग	12,96,000	राम, वामन, परशुराम जैसे अवतारों की उपस्थिति
द्वापर युग	8,64,000	विविध मानसिक और आध्यात्मिक
कलियुग	4,32,000	नैतिक क्षय, आधुनिक संघर्षों का युग

VIII. निष्कर्ष

इतिहास साक्षी है कि भारत ने समय की हर परीक्षा में न केवल स्वयं को संभाला है, बल्कि और अधिक शक्तिशाली बनकर उभरा है। आज का भारत न केवल सांस्कृतिक रूप से समृद्ध है, बल्कि आर्थिक और तकनीकी दृष्टि से भी तेज़ी से अग्रसर हो रहा है। इस श्रृंखला का प्रथम अध्याय इस ऐतिहासिक और पौराणिक विमर्श को आगे ले जाने का एक विनम्र प्रयास है।

(**Note:** Photos Curtsey Google Images)

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