



SECURE
PAYMENT



SECURITY
ACCESS



SECURITY
PADLOCK



ONLINE
PRIVACY



SECURE
DATA FOLDER

ANTIVIRUS
FIRE WALL



E-MAIL VIRUS
THREAT



COMPUTER
SECURITY



MOBILE
SECURITY



B.Sc.

Cyber Security

Cyber & Digital Science

Artificial Intelligence & Machine Learning

Computer Science

Information Technology

Data Science

Computer Application

M.Sc.

Cyber Security

Computer Application

Bioinformatics

Recipient of
International Education
Award 2022
by

TIME
CYBERMEDIA
TIME Cyber Media
Pvt. Ltd.

GenNext Careers in

Cyber & Digital Sciences, AI & ML

ॐ सूर्यनारायणाय नमः

जपाकुसुमसंकाशं काश्यपेयं महाद्युतिम्
तमोऽरिं सर्वपापघ्नं प्रणातोऽस्मि दिवाकरम्

The worship of the Sun is as old as civilization.

I bow to you, O Surya, the Son of Kashyapa Muni, the destroyer of darkness and all sins, whose luster is like that of red Jaswand Flower. The worship of the Sun is as old as civilization.

The Sun that awakens man from darkness, the Sun that is so brilliant that it cannot be seen by the naked eye evokes awe in the human mind. In the Rig-Veda, Surya has been described as the life (atma) of all creation. Surya is praised as the God of Gods (Rig-Veda 1.50.10). Homage is paid to Surya by chanting special names while offering him salutation-Surya Namaskara. These twelve names that we use to worship Surya serve to remind us of his glory and power and to be eternally grateful for his constant blessings in our life here on earth.

**Suryadatta Group of Institutes,
One can find no substitutes,
A warm and welcoming ambience,
Tutoring provided par excellence**

**Quality with equality is the essence,
There are modern courses which have relevance
The students are in a state of jubilation,
They gain enlightenment without hindrance
In today's times' it holds great reverence,**

**As it is a centre of academic excellence
Since long has been its very existence,
Hence, far and wide has spreads its fragrance**

By Suryans

The Beacon



Suryaratna, Late Dr. Mohan Dhariaji
Founder President : Vanarai

Our Constant Motivation



Late Shri Bansilalji U. Chordiya : Late Smt. Ratanbaiji B. Chordiya
A Missionary with a Social Conscience

DR. MOHAN DHARIA
President
Awarded Padmavibhushan
by Hon. President of India



PERSONAL

February 11, 2013

Dear Prof. Dr. Sanjay Chordiya & **Mrs. Sushama Chordiya**

Please accept warm greetings and congratulations for the function organized on 7th Feb. 2013 for presentation of "Suryadatta National Lifetime Achievement Award" and "Suryadatta National Awards 2013".

Due to health problem, I am sorry I could not give full justice to the programme. I have also missed an opportunity to listen to the speeches of the eminent awardees.

Being part of your organization, I was hesitant to accept the award. However your love did not allow me to refuse the same. This programme also provided me an opportunity to meet several friends including Manindarjit Singh Bitta and others.

Love and affection of friends like you has always remained the strength in my life. I am sure that I will continue to receive the same in future.

I have my dream about Suryadatta Group of Institutes. Within few years, this Institute should be "Harvard" of India. Please try to fulfil my dream.

With warm regards and best wishes for Suryadatta Group of Institutes.

Yours sincerely,

Mohan Dharia

Aditya Residency, 4/8, Porvli, Miramandal Chowk, Pune 411 009. ☎ 24440361, 24440361 Fax: (020) 24443209 e-mail: vanaratna@rediffmail.com

DR. MOHAN DHARIA
President
Awarded Padmavibhushan
by Hon. President of India



PERSONAL

March 7, 2013

Dear Prof. Dr. Sanjay Chordiya,

Sub: Suryadatta National Awards 2013 : Post Event Coverage

I have received your letter No. SEF / SGI / 4965 dated 5th Mar. 2013 on the subject. I am grateful for sending me post event coverage documents for our record. I expect that you will fulfil my dream of carrying your Institute as "Harvard" of India in the years to come.

With warm regards and best wishes for Suryadatta Group of Institutes,

Yours sincerely,

Mohan Dharia

Aditya Residency, 4/8, Porvli, Miramandal Chowk, Pune 411 009. ☎ 24440361, 24440361 Fax: (020) 24443209 e-mail: vanaratna@rediffmail.com

The Philosophy of Suryadatta

Our Inspiration



"One must continuously strive for excellence and perfection in any assignment however small and never be satisfied with the second best"

J. R. D. TATA



"Awake, arise and stop not, till your goal is reached."

SWAMI VIVEKANANDA



"The success or failure of an organisation depends on people, on human beings, on their talent, on their initiative, on their ability to lead, and on co-ordination with others, to work as a team."

ADITYA BIRLA



"We must create a civilized society, where everybody has equal opportunity to better his or her life."

NARAYANA MURTHY



"Incredible things can be done simply if we are committed to making them happen"

SADHGURU



"If people are not laughing at your goals, your goals are too small"

AZIM PREMJI

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About The Founder President & Chairman



Professor Dr. Sanjay B Chordiya

Founder President & Chairman
Suryadatta Education Foundation (SEF)



Professor Dr. Sanjay B. Chordiya, the esteemed Founder President & Chairman of the Suryadatta Education Foundation (SEF), stands at the apogee in the world of education, industry, and philanthropy. A distinguished educationist and trailblazer, his visionary influence resonates across global academic and professional realms. His career reflects unwavering excellence, innovation, and social impact, reshaping higher education in India and globally.

Academic Eminence and Intellectual Mastery

Dr. Chordiya's academic journey is one of exceptional breadth and profound depth. A proud alumnus of the College of Engineering Pune (COEP), he earned his Bachelor's degree in Mechanical Engineering, laying the foundation for a stellar intellectual odyssey. Driven by an unquenchable thirst for knowledge, he earned Master's degrees in Marketing, Human Resources, Production & Materials Management, and Finance, each enriching his remarkable journey. His scholarly pursuits culminated in a Ph.D. in Environmental Science, an area of paramount global significance, reflecting his deep concern for ecological sustainability. In recognition of his extraordinary contributions to education and global development, he was conferred an honorary D.Litt. by Theophany University, Haiti, an accolade that underscores his far-reaching impact.

Acclaimed Professional Crusade

Dr. Chordiya's professional odyssey is marked by remarkable success and unparalleled leadership. His distinguished career began at Bajaj Tempo Ltd. (now Force Motors Ltd.), where he dedicated over two decades, eventually rising to the position of General Manager and serving on the Board of Management. His transformative leadership in the corporate sector is a testament to his visionary thinking, strategic acumen, and unparalleled operational expertise. During this period, he emerged as a formidable force—innovative, resilient, and forward-thinking in every endeavor.

A Visionary Leader in Education

In 1999, driven by an unshakable desire to create a paradigm of educational excellence, Dr. Chordiya founded the Suryadatta Education Foundation (SEF), a visionary initiative that has since grown into the Suryadatta Group of Institutions (SGI). With over 25 distinguished academic institutions across multiple campuses, SGI has become a beacon of interdisciplinary brilliance, seamlessly blending cutting-edge technology, innovation and social responsibility to foster holistic, future-ready education. Under Dr. Chordiya's sagacious leadership, SGI has flourished into an institution of global repute, producing graduates who not only excel in their fields but also embody the values of integrity, compassion, and leadership in an ever-evolving world.

Global Engagement and Influential Leadership

Dr. Chordiya's reputation as a global thought leader is elevated by his extensive international engagements. He has participated in esteemed leadership programs at world-renowned institutions, including Harvard, MIT, Stanford, and the University of Paris, each enriching his intellect and honing his leadership philosophy. His global outlook is further enhanced by visits to universities in Israel, Russia, Malaysia, Thailand, Singapore, and Japan, fostering invaluable cross-cultural academic exchanges and drawing inspiration from the finest practices in higher education.

A passionate advocate for international collaboration, Dr. Chordiya holds distinguished positions on numerous influential boards. He serves as the Governor-nominated member of the Management Council at YCMOU, Chair of the University-Industry Partnership Program for the Global Chamber, USA, and Senior Vice President of the CEGR, Delhi, among other esteemed roles. These prestigious affiliations underscore his influence in shaping educational policies, fostering robust industry-academia partnerships, and advancing the cause of innovation in education worldwide.

Laurels and Legacy

Dr. Chordiya's remarkable contributions to education, philanthropy, and global peace have garnered him an array of prestigious accolades. His legacy as a visionary leader and humanitarian continues to inspire countless students, educators, and professionals across the globe. His work stands as a testament to the transformative power of education, a beacon of hope for future generations, and a guiding light for those who seek to drive change in the world.

Professor Dr. Sanjay B. Chordiya epitomizes visionary leadership, intellectual excellence, and humanitarian values. His transformative contributions to education, industry, and social welfare are both profound and lasting. Through his pioneering efforts, Dr. Chordiya shapes the future of education, exemplifying excellence, integrity, and global citizenship—a legacy that will continue to inspire and uplift generations to come.

Renowned Actor Mr. Sonu Sood, felicitated Prof. Dr. Sanjay B Chordiya, Founder President & Chairman - Suryadatta Education Foundation and Mrs. Sushama Chordiya, Vice President Suryadatta Education Foundation and President SWELA in Lokmat Global Convention Summit & Awards 2025 at Hongkong



About The Vice President



Mrs. Sushama S Chordiya

Vice-President & Secretary,
Suryadatta Education Foundation (SEF)
Founder & President,
Suryadatta Women Entrepreneurship
& Leadership Academy (SWELA)



Mrs. Sushama S. Chordiya is an exceptional leader whose unwavering commitment and multifaceted contributions have profoundly elevated the realms of education and social advancement.

As Vice-President and Secretary of the Suryadatta Education Foundation, she exemplifies visionary leadership, spearheading transformative projects and ensuring seamless institutional operations. Her steadfast dedication to excellence is reflected in her meticulous implementation of policies, dynamic program management, and supervision of both academic and extracurricular activities. By fostering a culture of innovation and efficiency across all departments, she reinforces the institution's reputation as a beacon of educational brilliance.

Renowned for her nurturing demeanour, Mrs. Chordiya is affectionately hailed as the "Mother" of all students—a tribute to her deep commitment to fostering a supportive and caring environment. Her personal engagement with students, coupled with her understanding of their challenges, creates a familial atmosphere that inspires them to achieve their full potential and nurtures their holistic development.

In addition to her pivotal role at the foundation, Mrs. Chordiya is the visionary founder of the Suryadatta Women Entrepreneurship & Leadership Academy (SWELA), a trailblazing initiative that embodies her deep commitment to empowering women and nurturing transformative leadership skills. Under her inspiring guidance, SWELA has become a powerful force, igniting the entrepreneurial spirit in countless women and motivating them to take on leadership roles across a wide array of sectors. Through her efforts, SWELA continues to pave the way for women to realize their full potential and create lasting impact.

Mrs. Chordiya's influence transcends education, extending into transformative social initiatives. Her compassionate leadership has catalysed meaningful change, seamlessly blending education with social responsibility to benefit both students and the broader community.

Through her unwavering dedication and visionary approach, she embodies the values of service, empathy, and leadership. Globally recognized, Mrs. Chordiya has been honoured with numerous prestigious awards for her exceptional contributions to education, social welfare, and community development, cementing her legacy as a true champion of progress and compassion.



Mrs Sushama Chordiya receiving the prestigious award at the hands of Ms Seema Malhotra, Member of Parliament, London



Mrs Sushama Chordiya Awarded with 'Pride of Maharashtra-2023' by HE Hon'ble Shri Ramesh Bais, Governor of Maharashtra



Sushama S Chordiya has been conferred with the prestigious 'Param Veerangana' National Award at the hands of former Governor of Arunachal Pradesh & Mizoram, Former Governor Lt. Gen. Nirbhay Sharma



About Suryadatta Education Foundation

The Suryadatta Education Foundation was established in the year 1999, primarily to develop self motivated leaders to be successful in the challenging and vibrant global economy. The promoters and the core team have individually 20 plus years of rich Industry & Academic experience in various streams of Management, Information Technology, Media and Mass Communication, Corporate Consultancy, Value Based Education, Training and Research. The Advisory & Governing Council of Suryadatta comprises of eminent academicians, professionals, industrialists, international consultants and social workers, who with their experience and knowledge guide the activities of the Foundation.

Over the last 2 decades, the Suryadatta family has blossomed into a bouquet of academic institutions in a number of disciplines such as School (CBSE), Junior College, Business Management, Information Technology, Cyber Security, Hotel Management, English and Foreign Languages, Interior Design, Fashion Design, Animation, Event Management, Physiotherapy, Data Science, Psychology, Law, Pharmacy, Journalism, Mass Communication, Statistics, Media & Entertainment, Sports Academy, Creative Arts, Suryadatta Production, Beauty and Wellness, Performing Arts, Vocational and Advanced Studies. Students from Pan of India and several foreign nations are pursuing their education at various Suryadatta Institutes.

Vision

The Vision of Suryadatta is to be a World Class Centre of Excellence in Innovative learning, combining the best of Indian sensibilities with a Western Outlook and to be rated as a premier Educational Institute, offering contemporary education using state-of-the-art technology, spearheading high quality research, besides providing expert training and consultancy services catering to the ever-changing needs of the Industry & Society.

Mission

- Create multi-faceted professionals in emerging disciplines, attuned to a rapidly evolving, volatile, global economy.
- Develop sustainable network of reputed academicians and high level achievers in the corporate and social arena.
- Shape a complete human being steeped in rich values through a holistic approach to teaching methodologies designed by Industry Experts.

About Savitribai Phule Pune University (SPPU)

Savitribai Phule Pune University (SPPU), one of the premier universities in India, is located in the North-Western part of Pune city. Pune is the main education hub in the World. Numerous students from every corner of India and the world come to Pune. The city of Pune houses many well-known, established institutes and colleges. Savitribai Phule Pune University (SPPU), earlier known as Pune University is one of the finest and most popular educational centers in the city.

It offers excellent programs in various areas including Science, Commerce, Arts, Languages & Management Studies. SPPU occupies an area of about 411 acres. It was established on 10th February, 1948 under the Poona University Act. The university houses 46 academic departments. It is popularly known as the 'Oxford of the East'.



As per THE WEEK-HANSA Research Survey 2025: India's Best Universities, Savitribai Phule Pune University has been ranked 6th in the Government Multidisciplinary Universities category with a score of 679. We are proud that various Suryadatta Institutions are affiliated with Savitribai Phule Pune University, offering a wide range of quality academic programs under its prestigious umbrella. Kudos to the university & all affiliated institutions contributing to excellence in education!

About Suryadatta International Institute of Cyber Security (SIICS)

Suryadatta International Institute of Cyber Security (SIICS) has been established in 2020, the first flagship course affiliated to Pune University with Suryadatta International Institute of Cyber Security. The First Institute in Pune to offer course in the specialized field of Cyber Security & Digital Science, which equips you with the knowledge and skills required to protect the cyber infrastructure of the nation and have brought a rapid and dynamic change in the careers of a Science student and Software professional.

The Institute has a State of art infrastructure with the Cyber Advisory Council at SIICS comprising of academicians, Industry professionals, IT Administrators, Entrepreneurs, Policy makers and Bureaucrats with expertise in this area.

The campus is designed to provide the cyber learning infrastructure in terms of classrooms, seminar halls, tutorial rooms, library, computer labs, etc., also has ample open learning space to create a unique ambience that stimulates peer and group learning experiences. Various MOUs with Technology partners and many others.



SIICS was Awarded with the International Education Award 2022 at the hands of Former Indian Cricketer Mr. Sunil Gavaskar by TIME Cyber Media Pvt. Ltd.

Important Instructions

- The information provided herein is subject to change as per the directives issued by the University and/or competent authorities and/or Suryadatta Education Foundation (SEF).
- Students are encouraged to procure a laptop with appropriate configuration to support academic assignments, online examinations, self-learning, and digital learning. This will empower them to become digital-age learners and develop essential digital skills for enhanced workplace productivity.
- The course fees as per the approving authority includes Tuition Fees and Development Fees.
- Value-added programs (if any) are optional and additional charges are applicable.
- Industry visits (Local or International) are Optional and will be charged on an actual cost basis.

Our Constant Source of Inspiration

Glimpses of Independence Day Celebration at Red Fort, Delhi
Suryadatta Core Team Members attended the Program on 15th August 2022



Professor Dr Sanjay B Chordiya & Mrs. Sushama S Chordiya
greeting H. E. Hon'ble Smt. Droupadi Murmu Ji President of India



H. E. Hon'ble Shri Ramnath Kovind
Former President of India



Recipient of the Award - Top Private Management Institutes in
Western India by Jagran Josh.com Ranking 2019 at the hands of
H.E. Hon'ble Shri. Venkaiah Naidu, Vice President of India



Hon'ble Smt. Nirmala Sitharaman, Finance Minister of India
Conferred with Suryabhushan Rashtriya Puraskar 2022



Recipient of Navbharat CSR Award 2023 at the hands of
Hon'ble Shri Ramesh Bais Governor of Maharashtra & in
the presence of Shri Devendra Fadnavis, Deputy CM,
Maharashtra, Shri Rahul Narvekar, Speaker MLA



Hon'ble Shri Nitin Gadkari, Minister of Road Transport and
Highways of India Conferred with Suryadatta National
Lifetime Achievement Award 2022

SGI - Awards & Accolades

Prof. Dr. Sanjay B. Chordiya , Founder President and Chairman & Mrs. Sushama S. Chordiya ,Vice President & Secretary, Suryadatta Education Foundation was honored with prestigious "CSR Heroes Award 2025" at the hands of H.E. Governor of Maharashtra Shri. C P Radhakrishnan on 4th Feb 2025 at Mumbai



Recipient of Lokmat Achievers of PCMC at the hands of Hon'ble Shri. Ajit Pawar, Opposition Leader



Brands of Maharashtra 2023 by Sakal at the hands of Hon'ble Shri Devendra Fadnavis Deputy CM, Maharashtra, Hon'ble Shri Sushilkumar Shinde



Brands of Maharashtra 2021 by Sakal at the hands of Hon'ble Shri Prithviraj Chavan, Hon'ble Shri Sushilkumar Shinde, Hon'ble Shri Sharad Pawar



Suryadatta Group of Institutes conferred with the outstanding Multidisciplinary and Interdisciplinary Institutes at India. The award was conferred by Padma Bhushan Saina Nehwal to the Professor Dr Sanjay B Chordiya, Mrs Sushama S Chordiya during the India's Most Prominent Business Excellence Awards - 2024 at New Delhi.



Professor Dr Sanjay B Chordiya conferred with the Shiksha Shree Award 2023 at the hands of Honble Shri Sudhir Mungantiwar (Cabinet Minister) at Mumbai during the Shiksha Shri Award Ceremony organized by Shiksha Dan Abhiyan Federation Organization recognized by Govt of India



Suryadatta Group of Institutes, Pune is conferred with 'Best Multidisciplinary Integrated Institution in India' during the Asia's Business & Leadership Summit 2025



Suryadatta Global Business Forum (SGBF) Recipient of 'Rising Bharat Real Heroes 2024' award at the hands of renowned actress & Member of Parliament, Ms Hema Malini and Shri Shyam Jaju, Former National BJP President.



Recipient of Global Business Award 2019 certificate of Excellence in recognition of Top Institutions in India for Holistic Development & Exemplary Contribution to Indian Education organized by Brand Icon Pvt. Ltd. at the hands of Renowned Actress Ms. Madhuri Dixit Nene in Mumbai

Why Career in Cyber & Digital Science?



GenNext Careers in Cyber & Digital Science, AI & ML

Cyber Security is an important subject for everyone, not just corporations. It's also vital for our children to understand how to stay safe online, and the need to be aware of any dangers that might come their way. We recognize the importance of this topic, and we want to not only empower our teens with the knowledge and skills to navigate the online world safely and responsibly but also to show them that they could be following a career in cyber security, as these jobs will be in high demand in the future.

Digital World Dependencies and Vulnerabilities - Your Cybersecurity Needs to Keep Up In 2022 alone, a total of 4,100 publicly disclosed data breaches occurred, comprising some 22 billion records that were exposed. The rise of artificial intelligence in general, and generative AI in particular, is fundamentally altering the way companies use software. Remote work has also moved digital exchanges from office networks to residential ones, which have a greater variety of connected devices with less protection against cyber intrusion.

Cyber Crime Statistics:- As per EarthWeb: Cybercrime Statistics 2023 Key Cybercrime Statistics 2023 95% of all cybercrime and security breaches are due to human error. The FBI reported that there was a 300% increase in cybercrime reports since the COVID-19 pandemic. Experts expect cybercrime damages to reach \$10.5 trillion per year by 2025. Global cyber security spending is expected to reach \$170.4 billion by 2022. A mere 5% of all company folders are effectively protected. In 2020, 48% of all malicious email attachments were sent as Microsoft Office files.

Talent Gap & Skills Shortage : The world shortage as per Weforum.org, According to the Future of Jobs 2023 report, cybersecurity is among the top strategically emphasized skills for the workforce. Yet, there is a shortage of 3.4 million cyber security experts to support today's global economy.

This number is only expected to grow as the impact of emerging technologies is felt across organizations. We must prioritise thoughtful investment in the creation and expansion of cybersecurity talent. Suryadatta International Institute of Cyber Security us an opportunity to create skilled, socially valuable and long-term careers for people from all walks of life and in all regions of the world. We at Suryadatta help you in convening a multistake holder initiative to help fill global cybersecurity skills gap.

Scarcity of Cyber Jobs in India - India had 40,000 + job openings for cybersecurity professionals as of May 2023. As per economic times, there is an urgent need for upskilling the workforce and hiring qualified professionals.

The demand for cybersecurity professionals has far exceeded supply, causing many businesses to struggle to recruit qualified personnel. Cyber Security skill sets that are in high demand include data privacy, cloud security, AI security, and network security. Enterprises in the country have experienced over 2000 attacks every week in Q1 2023, marking an 18% increase compared to the previous year. The healthcare industry was a prime target, with 7.7% of attacks directed towards it.

What is Cyber Security -

Cybersecurity is the application of tools, technologies, policies, processes, controls, and procedures in the protection or recovery of networks, devices, systems and applications from digital attacks. The digital attacks are aimed at accessing, destroying and altering sensitive data, disrupting workflows and extorting money.



Glimpses of our Existing Bavdhan Campus @ 2024



**New Exterior Look of Suryadatta Multidisciplinary
Integrated Bavdhan Campus @ 2026
Enriching Enlightening Academic Ambience**



State-of-the Art Infrastructure

Suryadatta campus is strategically located at Bavdhan in Pune and is aesthetically designed to create a unique ambience. The Modern Infrastructure including Classrooms are equipped with audio visual aids, well equipped science laboratories, computer labs and exhaustive library make learning interesting for students. The outdoor & indoor sports facility, yoga & meditation hall, gymnasium, and cafeteria take care of the physical & mental health of students.



Classroom



Computer Lab



Cafeteria



Library & Reading Hall



**Indoor &
Outdoor Sports**



**Fully Equipped
Gymnasium**



**Multipurpose
Activity Hall**



Seminar Hall



WIFI Campus

Cyber And Digital Advisory Council



Data



Confidentiality



Integrity



Availability

SIICS has established robust connect with the industry, entrepreneurs, policy makers and the professionals in this arena. The Cyber Advisory Council at SIICS comprises academicians, industry professionals, IT administrators, entrepreneurs, policy makers and bureaucrats with expertise in this area.

● PRACTISING EXPERTS ●



**Lt. Gen.
(Dr) D. B. Shekatkar (Retd.)**
Chancellor, Sikkim University



**Air Marshal
Bhushan Gokhale (Retd.)**
VSM, AVSM, PVSM



Mr. Anupam Bhatnagar
Director General
Gesia IT Association



Shri. Sandip P Gadiya
Cyber Crime Investigator
& Cyber Forensic Expert



Dr. Harold D'Costa
President
Cyber Security Corporation



Adv Prashant Mali
International Cyber Law
& Privacy Law Expert



**Lt. CDR Srivastsan Ramani
(IN Ret)**



Mr. Kailash Katkar
MD & CEO
Quickheal Technologies



Mr. Deepak Shikarpur
I.T. Evangelist



Mr. Vinayak Sathe
Entrepreneur



Adv. Jayashri Nangare
Leading Cyber Law
Practitioner



Adv. Vaishali Bhagwat
Leading Cyber Law
Practitioner

All students of SIICS shall be provided a student membership of the Cyber and Digital Council. After they graduate, they shall convert their membership to a professional membership.

B.Sc. Cyber & Digital Science (B.Sc.CDS)

As per NEP, after completion of the respective year course work successfully, Student will be awarded:

1st Year : Certificate



2nd Year : Diploma



3rd Year : Degree



For availing Honors students have to pursue - 4th Year



Objective :

The B.Sc.-CDS (Cyber and Digital Science) Program is a 3 year Bachelors Degree Program & 4th Year will be Honor Degree Program affiliated to the Savitribai Phule Pune University. The main objective of the program is to make students aware of cyber crime and learn ways to handle them. To produce entrepreneurs who can work in the area of Cyber and Digital Forensics and Cyber Security Architect and service providers.

To prepare students with the technical knowledge and skills needed to protect and defend computer systems and networks. To develop graduates that can plan, implement, and monitor cyber security mechanisms to help ensure the protection of information technology assets. The Program is designed to empower students for immediate employment on passing out. It is a fine blend of Theory & Practical, with an emphasis on Communication Skills and Interpersonal Skills.

Eligibility :

1. Higher secondary school certificate (10+2) with Science or its equivalent examination with English OR 2. Three year Diploma course from the board of technical education conducted by government of Maharashtra or its equivalent OR 3. Higher secondary school certificate (10+2) Science Examination with English and a vocational subject of +2 level (MCVC)

Beyond Curriculum:

The academic curriculum for Cyber and Digital Science is supplemented and enriched through multiple additional inputs and knowledge based learning in the form of guest lectures, seminars, conferences, symposiums, experiential learning such as field work, case studies – hands on insights through projects with the industry and the surveillance agencies, assistantship with cyber lawyers and advocates, competitions & professional society activities. We also provide twenty modules every year in the form of workshop modules as additional inputs.

Importance of Cyber & Digital Science?

The required skills are analytics, engineering, and software development, and also highly specialised functions such as intrusion detection (monitoring suspicious activity on the network), access management, risk auditing, cryptography, forensic sciences, and network security.

Phishing schemes were the number one crime type with 300,497 complaints and, for the first time, investment schemes reported the highest financial loss to victims. Victims aged 30-39 were the largest reporting group, while the greatest dollar loss was incurred by citizens aged 60 and older.

Among the complaints received in 2022, phishing, personal data breach, and non-payment/non-delivery are the top incidents reported. And while phishing ranked number one, the associated dollar loss of \$52 million is small in comparison to investment fraud which resulted in a \$3.3 billion loss— increasing a staggering 127% from the previous year. Within those complaints, crypto currency investment fraud rose from \$907 million in 2021 to \$2.57 billion in 2022, with the most targeted age group reporting this type of scam being 30-49.

In the state-wide rankings, Illinois was 5th highest for number of victims at 14,786, and 7th highest for victim dollar loss at \$266.7 million. Business email Compromise (BEC), a sophisticated scam targeting both businesses and individuals performing transfers of funds, topped the list, measuring dollar loss with investment fraud and tech support scams rounding out the top three in Illinois.

- BEC—\$83,883,493
- Investment Fraud—\$75,614,466
- Tech Support—\$31,413,362



Career Growth Pathway :

Graduate students of Suryadatta have bright future prospects & have multiple options to pursue their master degree (M.Sc. Cyber Security, M.Sc. Data Science, M.Sc.CA, MCA & PGDM)

Job Opportunities :

• Lead and Internal Auditor for information security management systems in surveillance agencies, Assistantship with cyber lawyers and advocates. • Network Engineer • Information Security Analyst • Ethical Hacker Job Roles • Security Architect • Chief Information security officer (CISO)



SEMESTER I

Paper Code	Paper Title
CDS101MJ	Linux System Administration
CDS102MJ	Fundamental of C programming
CDS103MJ	Fundamentals of Computer
CDS104MJP	Practical based on CDS101MJ
CDS105MJP	Practical based on CDS102MJ
CDS106MJP	Practical based on CDS103MJ
CDS101IKS	Computing in ancient India
OE101CDS	Office Automation / Introduction to Google Tools
SEC101CDS	Fundamentals of Digital Communication (Practical)
AEC101MAR/HIN	MIL-I(Hindi) / MIL-I(Marathi)
VEC101ENV	EVS-I
CC101PE/NSS/NCC	University Basket

SEMESTER II

Paper Code	Paper Title
CDS151MJ	Fundamentals of Cyber security
CDS152MJ	Network Security
CDS153MJ	Python Programming
CDS154MJP	Practical based on CDS151MJ
CDS155MJP	Practical based on CDS152MJ
CDS156MJP	Practical based on CDS153MJ
OE152CDSP	Office Automation/ Introduction to Google Tools
SEC151CDS	Statistical techniques for Computer Science
OR	
	Advance Excel
AEC151MAR/HIN	MI L-I(Hindi) / MIL-I(Marathi)
VEC151ENV	EVS-II
CC151PE/NSS/NCC	University Basket



SEMESTER III

Paper Code	Paper Title
CDS201MJ	Ethical Hacking-I
CDS202MJ	Cyber Ethics, Cyber Law & Cyber Policies
CDS203MJ	Advance Network Security
CDS204MJP	Practical based on CDS201MJ
CDS221VSC	Data Structure using Python
CDS231FP	Mini Projects based on CDS201MJ
CDS241MN	Web Technology
CDS242MNP	Practical based on CDS241MN
OE201CDS	University Basket
AEC201ENG	Principles of OS
CC201PE/NSS/NCC	University Basket

SEMESTER IV

Paper Code	Paper Title
CDS251MJ	Ethical Hacking-II
CDS252MJ	Cloud Security
CDS253MJ	Database Management System
CDS254MJP	Practical based on CDS251MJ
CDS281FP	Mini Projects based on CDS251MJ
CDS291MN	Advanced Web Technology
CDS292MNP	Practical based on CDS291MN
OE251CDS	University Basket
SEC251CDSP	Business Communication
AEC251ENG	NO SQL database(Mongo DB)
CC251PE/NSS/NCC	University Basket



3rd
Year

SEMESTER V

Paper Code	Paper Title
CDS301MJ	Digital Forensic-I
CDS302MJ	Malware Analysis
CDS303MJ	Cyber Threat Intelligence
CDS304MJP	Practical based on CDS301MJ
CDS305MJP	Practical based on CDS302MJ
CDS306MJ	Block chain
CDS307MJP	Practical based on CDS306MJ
OR	
CDS308MJ	Mobile Forensic
CDS309MJP	Practical based on CDS308MJ
CDS321VSCP	Statistical Method-II
CDS331FP	Project
CDS341MN	Internet Of Things
CDS342MNP	Practical Based on CDS341MN

SEMESTER VI

Paper Code	Paper Title
CDS351MJ	Digital Forensic-II
CDS352MJ	IOT Security
CDS353MJ	Cyber Crime& Reports
CDS354MJP	Practical Based on CDS351MJ
CDS355MJP	Practical Based on CDS352MJ
CDS356MJ	Vulnerability Assessment & Penetration Testing
CDS357MJP	Practical Based on CDS356MJ
OR	
CDS358MJ	Fin-Tech Cyber Security
CDS359MJP	Practical Based on CDS358MJ
CDS381OJT	Hands on Training Project
CDS391MN	AI and Machine Learning
CDS392MNP	Practical Based on CDS391MN

4th
Year

SEMESTER VII (Honors)

Paper Code	Paper Title
CDS401MJ	Malware Analysis II
CDS402MJ	Intrusion Detection and Prevention System
CDS403MJ	Digital Image Processing
CDS404MJP	Practical Based on CDS401MJ
CDS405MJP	Practical Based on CDS402MJ
CDS406MJ	Cyber Crime Investigation
CDS407MJ	Cyber Threat Intelligence II
CDS408MJ	Digital Payments and Its Security
CDS409MJP	Practical Based on CDS408MJ
OR	
CDS410MJ	Wireless Security
CDS411MJP	Practical Based on CDS410MJ
OR	
CDS412MJ	IT Act 2000 in Cyberspace
CDS413MJP	Practical Based on CDS412MJ
CDS441MN	Research Methodology

SEMESTER VIII (Honors)

Paper Code	Paper Title
CDS451MJ	Mobile Application And Services
CDS452MJ	Incident Handling
CDS453MJ	Cyber Security Architecture
CDS454MJP	Practical Based on CDS451MJ
CDS455MJP	Practical Based on CDS452MJ
CDS456MJ	Introduction to Hardware Security
CDS457MJ	IT Security Strategy Planning & Leadership
CDS458MJ	Dark web and Cyber warfare
CDS459MJP	Practical Based on CDS458MJ
OR	
CDS460MJ	Dec Sec Ops
CDS461MJP	Practical Based on CDS460MJ
OR	
CDS462MJ	Tools & Technology for Cyber Security
CDS463MJP	Practical Based on
CDS481OJT	OJT

4th
Year

SEMESTER VII (Research)

Paper Code	Paper Title
CDS401MJ	Malware Analysis II
CDS402MJ	Intrusion Detection and Prevention System
CDS403MJ	Digital Image Processing
CDS404MJP	Practical Based on CDS401MJ
CDS405MJP	Practical Based on CDS402MJ
CDS406MJ	Digital Payments and Its Security
CDS407MJP	Practical Based on CDS406MJ
OR	
CDS408MJ	Wireless Security
CDS409MJP	Practical Based on CDS408MJ
OR	
CDS410MJ	IT Act 2000 in Cyberspace
CDS411MJP	Practical Based on CDS410MJ
CDS431RP	Research Project
CDS451MN	Research Methodology

SEMESTER VIII (Research)

Paper Code	Paper Title
CDS451MJ	Mobile Application And Services
CDS452MJ	Incident Handling
CDS453MJ	Cyber Security Architecture
CDS454MJP	Practical Based on CDS451MJ
CDS455MJP	Practical Based on CDS452MJ
CDS456MJ	Dark web and Cyber warfare
CDS457MJP	Practical Based on CDS456MJ
OR	
CDS458MJ	Dec Sec Ops
CDS459MJP	Practical Based on CDS458MJ
OR	
CDS460MJ	Tools and Technology for Cyber Security
CDS461MJP	Practical Based on CDS460MJ
CDS481FP	Research Project

*CC: Core Course *DSE: Discipline Specific Elective *AECC: Ability Enhancement Compulsory Course *SECC: Skill Enhancement Compulsory Course

*Syllabus is received from affiliating body subject to any change from respective competent authority.

As per NEP, after completion of the respective year course work successfully, Student will be awarded:

1st Year : Certificate



2nd Year : Diploma



3rd Year : Degree



For availing honors students have to pursue - 4th Year



Course Objectives:

- To develop problem solving abilities using a computer.
- To build the necessary skill set & analytical abilities for developing computer based solutions for real life problems.
- To train students in professional skills related to Software Industry.
- To prepare necessary knowledge base for research and development in Computer Science.
- To help students build-up a successful career in Computer Science and to produce entrepreneurs who can innovate and develop software products.

SEMESTER I

1st Year

Course Code	Paper Title
CS-101-T	Problem Solving using 'C' Programming
CS-102-P	Lab Course based on CS-101-T
MTS-101-T	Mathematics
MTS-102-P	Lab Course based on MTS-101-T
ELS-101-T	Electronic Science
ELS-102-P	Lab Course based on MTS-101-T
IKS100T	Generic IKS
OE101CS /	Office Automation I /
OE102CS /	Introduction to Computers and
OE103CS	Basics of Internet / Introduction to Google Apps I
SEC101CS	Statistical Methods for Computer Sci. I
AEC101MAR/HIN	MIL-I (Hindi) / MIL-I (Marathi)
VEC101ENV	EVS-I

SEMESTER II

Course Code	Paper Title
CS-151-T	Advanced C Programming
CS-152-P	Lab Course Based on CS-103-T
MTS-151-T	Mathematics
MTS-152-P	Lab Course Based on MTS-103-T
ELS-151-T	Electronic Science
ELS-152-P	Lab Course Based on ELS-103-T
OE151CSP /	Office Automation II /
OE152CSP /	Computer Fundamentals /
OE153CSP	Introduction to Google Apps II
SEC151CS	Statistical Methods for Computer Sci. II
AEC151MAR/HIN	MIL-II (Hindi) / MIL-II (Marathi)
VEC151ENV	EVS-II
CC151PE/NSS/NCC	Course from University Basket

Note* : (i) The detailed syllabus of Mathematics, Electronic Science and Statistics will be published separately by respective boards.

(ii) The detailed syllabus of Generic IKS, MIL (Hindi), MIL (Marathi), EVS and CC will be provided by SPPU separately which is common to all courses.

Eligibility :

In order to be eligible for admission to Bachelor of Computer Applications a candidate must have passed.

- Higher Secondary School Certificate (10+2) Science Stream with Mathematics or its equivalent examination
- Three Years Diploma Course, after S.S.C. (10th standard) of Board of Technical Education conducted by Government of Maharashtra or its equivalent.

Career Growth Pathway : Graduate Students of Suryadatta have Bright future prospects Students have multiple options to pursue their Masters degree from Suryadatta Institutes (MBA / PGDM / M.Com / MCA / M.Sc. Cyber Security / M.Sc. Bioinformatics / M.Sc. Data Science / M.Sc. CA / M.Sc.CS) Masters Degree from Lincoln University in the field of Interior, Fashion, Animation, Retail, Event Management, Hospitality and Tourism Management from AIU approved Lincoln University. With the BSc Computer Science, you will be able to apply for a range of computational and mathematical jobs in the creative industries, business, finance, education, medicine, engineering and science.

The BSc Computer Science helps you develop a widely applicable skill set in computing with strong programming and mathematics skills, as well as wide ranging skills in project management, effective presentations and teamwork. Graduate with a portfolio of work fit to present to potential employers.

Job Opportunities :

- Application programmer
- Web site developer
- Film special effects and post-production
- Computer music/sound engineer
- Interface designer
- Database manager
- Software Engineering
- IT Department
- Technical Support
- Government Agencies
- Mobile App developer
- Video game developer
- Systems analyst
- Data Analysis
- Computer Manufacturers
- Cyber Security





SEMESTER III

Course Code	Paper Title
CS-231	Data Structures & Algorithms - I
CS-232	Software Engineering
CS-233	Practical course on CS-231 & Cs-232
MTC-231	Groups & Coding Theory
MTC-232	Numerical Techniques
MTC-233	Mathematics Practical-Python Programming language - I
ELC-231	Micro controller Architecture & Programming
ELC-232	Digital Communication & Networking
ELC-233	Electronics Practical Course - I
AECC-I	Environment Science - I
AECC-II	Language Communication - I

SEMESTER IV

Course Code	Paper Title
CS-241	Data Structures & Algorithms - II
CS-242	Computer Networks-I
CS-243	Practical course on CS-241 & CS-242
MTC-241	Computational Geometry
MTC-242	Operations Research
MTC-243	Mathematics Practical - Python Programming language - II
ELC-241	Embedded System Design
ELC-242	Wireless Communication & Internet of Things
ELC-243	Electronics Practical Course - II
AECC-I	Environment Science - II
AECC-II	Language Communication - II



SEMESTER V

Course Code	Paper Title
CS-351	Operating Systems - I
CS-352	Computer Networks - II
CS-357	Practical course based on Cs501
CS-353	Web Technologies - I
CS-354	Foundations of Data Science
CS-358	Practical course based on Cs503
CS-355	Object Oriented Programming - I (Core Java)
CS-356	Theoretical Computer Science & Compiler Construction - I
CS-359	Practical Course based on Cs505
CS-3510	Python Programming / R Programming
CS-3511	Open Elective

SEMESTER VI

Course Code	Paper Title
CS-361	Operating Systems - II
CS-362	Software Testing
CS-367	Practical course based on Cs601
CS-363	Web Technologies - II
CS-364	Data Analytics
CS-368	Practical course based on CS603 and Cs604
CS-365	Object Oriented Programming - II (Advanced Java)
CS-366	Theoretical Computer Science and Compiler Construction - II
CS-369	Practical Course based on Cs605
CS-3610	Mobile Application Development OR Software Testing Tools
CS-3611	Project OR Open Elective

*Syllabus is received from affiliating body subject to any change from respective competent authority.

As per NEP, after completion of the respective year course work successfully, Student will be awarded:

1st Year : Certificate



2nd Year : Diploma



3rd Year : Degree



For availing honors students have to pursue - 4th Year



Course Objectives :

- To strengthen the basics of the subject useful in selecting various career options.
- To prepare students to meet the information and communication technology needs of private and government organizations
- To make the students industry ready by teaching them to apply the technologies in various fields of IT, including Mobile applications, Web site development and management, databases, and computer networks.

Job Opportunities :

- Application Programmer
- Information Architect
- Information Technologist
- Computer Support Specialist
- Computer Information Specialist
- System designer
- Database Administrator
- Enterprise Information Office
- Hardware & Network Expert
- & Many more..
- Information Security Coordinator

Eligibility :

- Higher secondary school certificate (10+2) Science or its equivalent examination with English OR
- Three-year diploma course from the board of technical education conducted by Government of Maharashtra or its equivalent OR
- Higher secondary school certificate (10+2) Examination with English and a vocational subject of +2 level (MCVC)

Career Growth Pathway :

Graduate students of Suryadatta have bright future prospects & have multiple options to pursue their master degree (M.Sc. Cyber Security / M.Sc.Data Science / M.Sc.CA / MCA / PGDM / M.Sc.CS)

SEMESTER I

Course Code	Paper Title
IT101MJ	Problem Solving using Python Programming
IT102MJP	Practical Based on IT101MJ
IT103MJ	Basics of Computer Network
IT104MJP	Practical Based on IT103MJ
IT105MJ	Fundamentals of Cloud Computing
IT106MJP	Practical Based on IT105MJ
OE101IT	MS Office Automation
SEC101IT	Database Management System
IT101KS	Computing in Ancient India
AEC101	Technical Communication Skills
VEC101ENV	EVS-I

SEMESTER II

Course Code	Paper Title
IT151MJ	Advanced Python
IT152MJP	Practical Based on IT151MJ
IT153MJ	Advanced Networking
IT154MJP	Practical Based on IT153MJ
IT155MJ	Cloud Computing Architecture and Design
IT156MJP	Practical Based on IT155MJ
OE102ITP	Tally Prime
SEC102ITP	Practical Based on SEC101IT
AEC101	Green IT
VEC101ENV	EVS-II

1st
Year

SEMESTER III

Course Code	Paper Title
IT201MJ	Object Oriented Programming using Python
IT202MJ	Wireless Networking
IT203MJP	Practical Based on IT201MJ + IT202MJ
IT221VSC	E-commerce
IT231FP	Mini Project
IT241MN	Public Cloud -Google, AWS, Azure
IT242MNP	Practical Based on IT241MN
OE201IT	Content Writing / Script Writing
IT201KS	From University Basket
AEC201	ENG Soft Skill - I

SEMESTER IV

Course Code	Paper Title
IT251MJ	Exploratory Data Analysis
IT252MJ	Cryptography & Network Security
IT253MJP	Practical Based on IT251MJ + Practical Based on IT252MJ
IT231VSC	Software Engineering
IT282FP	Mini Project
IT291MN	Automation tools for cloud Deployment
IT292MNP	Practical Based on IT291MN
OE251ITP	Practical Based on Script Writing
SEC251IT	Linux Operating System
AEC251ENG	Soft Skill - II
CC151PE/NSS/NCC	From University Basket

2nd
Year

3rd
Year

SEMESTER V

Course Code	Paper Title
IT301MJ	Data Mining
IT302MJ	Internet Technology
IT303MJ	Mobile Application Development
IT304MJ	Emerging Technologies
IT305 MJP	Practical Based on IT301MJ
IT306MJP	Practical Based on IT303MJ
IT307MJ	Core Java
IT308MJP	Practical based on IT307MJ
OR	
IT309 MJ	VB dotnet
IT310MJP	Practical Based on IT309 MJ
IT321VSC	IT Service Management
IT331FP	Project
IT341MN	Cloud computing and visualization foundation

SEMESTER VI

Course Code	Paper Title
IT351MJ	Data Analysis Tool (power Bi)
IT352MJ	Information Security Management and Data Privacy
IT353MJ	Web Technologies
IT354MJ	Public cloud, networking and security
IT355MJP	Practical Based on IT351MJ
IT356MJP	Practical Based on IT353MJ
IT357MJ	Advanced Java
IT358MJP	Practical Based on IT357MJ
OR	
IT359MJ	Dot net framework Using ASP
IT360MJP	Practical Based on IT359MJ
IT322VSCP	Practical Based on IT352MJ
IT381OJT	On Job Training

4th
Year

SEMESTER VII (Honors)

Course Code	Paper Title
IT401MJ	Advanced Operating System
IT402MJ	Paradigm of Programming Language
IT403MJ	Object Oriented Analysis & Algorithm
IT404MJP	Practical based on IT401MJ
IT405MJP	Practical based on IT402MJ
IT406MJ	Data Centre Technologies
IT407MJ	Machine Learning
IT408MJ	Data Science & Analytics
IT409MJP	Practical based on IT408MJ
OR	
IT410MJ	Spring Boot & Hibernate
IT411MJP	Practical based on IT410MJ
OR	
IT412MJ	Block Chain
IT413MJP	Practical based on IT412MJ
IT441MN	Research Methodology

SEMESTER VIII (Honors)

Course Code	Paper Title
IT451MJ	Software Architecture & Design Pattern
IT452MJ	Artificial Intelligence
IT453MJ	Cyber Security
IT454MJP	Practical based on IT451MJ
IT455MJP	Practical based on IT452MJ
IT456MJ	Network Security
IT457MJ	Internet Of Things
IT458MJ	Development & Operation
IT459MJP	Practical based on IT458MJ
OR	
IT460MJ	Machine Learning
IT461MJP	Practical based on IT460MJ
OR	
IT462MJ	Cloud Computing
IT463MJP	Practical based on IT462MJ
IT481OJT	OJT

SEMESTER VII (Research)

Course Code	Paper Title
IT401MJ	Advanced Operating System
IT402MJ	Paradigm of Programming Language
IT403MJ	Design and Analysis of Algorithm
IT404MJP	Practical based on IT401MJ
IT405MJP	Practical based on IT402MJ
IT406MJ	Data science & Analytics
IT407MJP	Practical based on IT406MJ
OR	
IT408MJ	Spring Boot & Hibernate
IT409MJP	Practical based on IT408MJ
OR	
IT410MJ	Block Chain
IT411MJP	Practical based on IT410MJ
IT431RP	Research Project
IT451MN	Research Methodology

SEMESTER VIII (Research)

Course Code	Paper Title
IT451MJ	Software Architecture & Design Pattern
IT452MJ	Artificial Intelligence
IT453MJ	Cyber Security
IT454MJP	Practical based on IT451MJ
IT455MJP	Practical based on IT452MJ
IT456MJ	Development & Operation
IT457MJP	Practical based on IT456MJ
OR	
IT458MJ	Machine Learning
IT459MJP	Practical based on IT458MJ
OR	
IT460MJ	Cloud Computing
IT461MJP	Practical based on IT460MJ
IT481FP	Research Project

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*Syllabus is received from affiliating body subject to any change from respective competent authority.

As per NEP, after completion of the respective year course work successfully, Student will be awarded:

1st Year : Certificate



2nd Year : Diploma



3rd Year : Degree



For availing honors students have to pursue - 4th Year



Course Objectives:

The Bachelor of Science in Artificial Intelligence and Machine Learning (B.Sc (AI & ML)) and B.Sc (AI & ML) Honors and Research; program is designed to provide advanced education and training in the field of AI and ML. Driven by the combination of increased access to data, computational power, and improved algorithms, Artificial Intelligence (AI) technologies are entering the mainstream of technological innovation. These technologies include search, machine learning, natural language processing, robotics and computer vision

Eligibility :

Passed Standard XII (10+2) or equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry/ Biotechnology/ Biology/ Technical Vocational subject/ Computer Science/ Information Technology/ Informatics Practices/ Agriculture/ Engineering Graphics/ Business Studies from any recognized Board with a minimum of 50% marks or equivalent grade (45% marks or equivalent grade for Scheduled Caste/ Scheduled Tribes).

Career Growth Pathway :

M.Sc. AI, M.Sc. Data Science, M.Sc. ML, M.Sc. Computer Science, M.Sc. Computer Appliance, M.Sc. Cyber Security

Job Opportunities :

Machine Learning Engineer, Data Analyst, AI Research Assistant, Data Scientist, AI Solutions Architect, Business Intelligence (BI) Developer, Deep Learning Engineer, AI Researcher, Chief Data Scientist or Chief AI Officer

B.Sc Artificial Intelligence and Machine Learning Program Outline



SEMESTER I		SEMESTER II	
Course Code	Paper Title	Course Code	Paper Title
AIML-101-T	Object Oriented concepts and Programming using C++	AIML-151-T	Introduction to Python Programming
AIML-102-P	Practical based on AIML-101-T	AIML-152-P	Practical based on AIML-151-T
MTS-101-T	Discrete Structures for Computer Science	MTS-151-T	Graph Theory
MTS-102-P	Practical based on MTS-101-T	MTS-152-P	Practical based on MTS-151-T
STS-101-T	Notion of Statistical Data Analysis	STS-151-T	Continuous Probability Distributions and Testing of Hypothesis
STS-102-P	Practical based on STS-101-T	STS-152-P	Practical based on STS-151-T
OE-101-AIML-T	From University Basket*	OE-151-AIML-T	From University Basket*
SEC-101-AIMLT	Basic Probability theory and Discrete Distributions	SEC-151-AIML-T	Databases – I
AIML-101-IKS	Generic IKS	AEC-151-ENG	English
AEC-101-ENG	English	VEC-151-ENV	EVS-II
VEC-101-ENV	EVS-I	CC-151-PE/ NSS /NCC	From University Basket



SEMESTER III

Course Code	Paper Title
AIML-201-MJ-T	Data Structures (using Python)
AIML-202-MJ-T	Software Engineering
AIML-203MJ-P	Lab course on AIML201MJ + AIML202MJ
AIML-221-VSC-P	Advanced Python Programming
AIML-201-IKS	Computing in Ancient India
AIML-231-FP	Mini Project
AIML-241-MN-T	Linear Algebra
AIML-242-MN-P	Practical on AIML241MN
OE-201-AIML-T	From University Basket*
AEC-201-ENG	From University Basket
CC-201-PE/NSS /NCC	From University Basket

SEMESTER IV

Course Code	Paper Title
AIML-251-MJ-T	Microservices using Python
AIML-252-MJ-T	Artificial Intelligence - I
AIML-253-MJ-P	Practical based on AIML251MJ + AIML252M
AIML-221-VSC-P	Databases – II
AIML-241-FP	Mini Project
AIML-241-MN-T	Logic
AIML-242-MN-P	Practical based on AIML241MN
OE-251-AIML-T	From University Basket* 2
SEC-251-AIML-P	DAA - I (Brute Force, D&C, Greedy, Dynamic Programming)
AEC-251-SUB	From University Basket
CC251PE/NSS /NCC	From University Basket

2nd
Year

SEMESTER V

Course Code	Paper Title
AIML-301-MJ-T	Artificial Intelligence - II
AIML-302-MJ-T	Machine Learning Techniques – I (Supervised)
AIML-303-MJ-T	Data Preparation and Visualization
AIML-304-MJ-T	DAA - II (Backtracking, B&B, Randomized, P&NP and approximation algos)
AIML-305-MJ-P	Practical based on AIML301MJ
AIML-306-MJ-P	Practical based on AIML302MJ & AIML303MJ
AIML-310-MJ-T	Big Data Analytics
AIML-311-MJ-P	Practical based on AIML306MJ
AIML-312-MJ-T	OR
AIML-313-MJ-P	MEAN – I
AIML-314-MJ	Practical based on AIML308MJ
AIML-315-MJ-P	OR
AIML-321-VSC-P	Mobile app development
AIML-331-FP	Practical based on AIML310MJ
AIML-341-MN-T	Linux Shell Scripting
	Project
	Calculus for ML

SEMESTER VI

Course Code	Paper Title
AIML-351-MJ-T	Optimization Techniques
AIML-352-MJ-T	Machine Learning Techniques – II
AIML-353-MJ-T	Data Mining Techniques
AIML-354-MJ-T	Evolutionary Algorithms (FL, GA)
AIML-355-MJ-P	Practical based on AIML351MJ
AIML-356-MJ-P	Practical based on AIML352MJ & AIML353MJ
AIML-360-MJ-T	Business Intelligence (Atoti)
AIML-361-MJ-P	Practical based on AIML357MJ
AIML-362-MJ-T	OR
AIML-363-MJ-P	MEAN II
AIML-364-MJ-T	Practical based on AIML359MJ
AIML-365-MJ-P P	OR
AIML-371-VSC-P	Game Theory
AIML-381-OJT	Practical based on AIML361MJ
	Database Technologies (Unstructured Databases)
	On Job Training

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3rd
Year

Artificial
Intelligence
and
Machine
Learning

Bachelor of Science in B.Sc.DS Data Science

3rd Year : Degree
4th Year : Honors

As per NEP, after completion of the respective year course work successfully, Student will be awarded:

1st Year : Certificate  2nd Year : Diploma  3rd Year : Degree  For availing honors students have to pursue - 4th Year 

Course Objectives:

The Bachelor of Science in Data Science is designed to empower students with knowledge and skills required to thrive in an era of data science and technology. By choosing B.Sc. (Data Science) Programme, students enter into the dynamic field of data science and data analytics. Students will engage and build strong foundation in mathematics, statistics, computer science and ethical data practices. This programme not only equips students with technical expertise but also fosters a mindset of continuous learning, adaptability and ethical leadership.

Eligibility :

(a) Higher Secondary School Certificate (10+2) Science Stream or its equivalent examination

OR

(b) Three Years Diploma Course after S.S.C. (10th standard) of Board of Technical Education conducted by Government of Maharashtra or its equivalent.

Career Growth Pathway :

M.Sc. Data Science, M.Sc. Computer Application, M.Sc. Computer Science, MBA in Data Analytics, M.Sc. Cyber Security

Job Opportunities :

Data Analyst, Data Scientist, Data Engineer, Business Analyst, Software Engineer, Cloud Data Specialist, Healthcare Data Analyst, Financial Data Scientist, Retail/Data Marketing Analyst



SEMESTER I		SEMESTER II	
Course Code	Paper Title	Course Code	Paper Title
DS101T	Problem Solving and Python Programming	DS151T	Advanced Python Programming
DS102P	Lab Course on DS101T (Python Programming)	DS152P	Lab Course on DS151T (Advanced Python Programming)
DS103T	Descriptive Statistics	DS153T	Discrete Probability and Probability Distributions
DS104P	Lab Course on DS103T (Descriptive Statistics)	DS154P	Lab Course on DS153T (Discrete Probability and Probability Distributions)
DS105T	Computational Mathematics	DS155T	Graph Theory
DS106P	Lab Course on DS105T (Computational Mathematics)	DS156P	Lab Course on DS155T (Graph Theory)
OE101DS	Office Automation/ Computer Fundamentals/ Introduction to Google Tools	OE151DSP	Office Automation/ Computer Fundamentals/ Introduction to Google Tools
SEC101DS	Computer Organization	SEC151DS	Lab Course on Excel and Advanced Excel
DS101IKS	Indian Knowledge System (Generic)	AEC101 MAR/ HIN/ ENG	MIL-I (Hindi) / MIL-I (Marathi)/ MIL-I (English)
AEC101 MAR/ HIN/ ENG	MIL-I (Hindi) / MIL-I (Marathi)/ MIL-I (English)	VEC101 ENV	EVS-II
VEC101 ENV	EVS-I	CC151PE/ NSS/ NCC From University Basket	



Bachelor of Science in B.Sc.DS Data Science

3rd Year : Degree
4th Year : Honors

2nd
Year

SEMESTER III

Course Code	Paper Title
DS201MJ	Database Management System
DS202MJ	Data Structure-I
DS203MJP	Lab Course on DS201MJ & DS202MJ
DS221VSC	Foundations of Data Science
DS231FP	Mini Project
DS241MN	Probability Distribution and Modelling
DS242MNP	Lab Course on DS241MN
OE201DS	E-commerce / Web Design/ Digital Marketing
DS201IKS	Computing in Ancient India
AEC201ENG	Soft Skills-I
CC201PE/ NSS / NCC	From University Basket

SEMESTER IV

Course Code	Paper Title
DS251MJ	Relational Database Management System
DS252MJ	Data Structure-II
DS253MJP	Lab Course on DS251MJ and DS252MJ
DS221VSC	Data Analytics
DS231FP	Mini Project
DS241MN	Testing of Hypothesis and Sampling Distributions
DS242MNP	Lab Course on DS241MN
OE251DSP	Ecommerce/ Web Design/ Digital Marketing
SEC251DSP	Software Engineering
AEC201ENG	Soft Skills-II
CC201PE/ NSS / NCC	From University Basket

3rd
Year

SEMESTER V

Course Code	Paper Title
DS301MJ	NoSQL databases
DS302MJ	R Programming
DS303MJ	Foundations of Artificial Intelligence
DS304MJP	Lab Course on DS301MJ (NoSQL databases)
DS305MJP	Lab Course on DS302 ® Programming)
DS310MJ	Business Analytics
DS311MJP	Lab Course
	OR
DS312MJ	Social Media Analytics
DS313MJP	Lab Course
DS321VSCP	Lab Course on MATLAB -
DS331FP	Mini Project
DS341MN	Categorical Data Analysis

SEMESTER VI

Course Code	Paper Title
DS351MJ	Data Visualization and Modelling
DS352MJ	Artificial Intelligence in Data Science
DS353MJ	Data Security and Privacy
DS354MJP	Lab on DS351MJT
DS355MJP	Lab Course on DS352MJ
DS360MJ	HR Analytics
DS361MJP	Lab Course
	OR
DS362MJ	Financial Analytics
DS363MJP	Lab Course
DS381OJT	On Job Training
DS391MN	Multivariate Analysis

*Syllabus is received from affiliating body subject to any change from respective competent authority.

As per NEP, after completion of the respective year course work successfully, Student will be awarded:

1st Year : Certificate



2nd Year : Diploma



3rd Year : Degree



For availing honors students have to pursue - 4th Year



Course Objectives:

The objectives of a BSc in Computer Applications (BCA) program at Savitribai Phule Pune University (SPPU) are to provide students with a strong foundation in computer science and its applications, equipping them with the necessary skills for careers in the IT sector or for further studies. This includes developing problem-solving abilities, analytical skills, and the ability to apply computer-based solutions to real-world problems.

Eligibility :

B.Sc. (Computer Application) Any candidate who has passed the XII standard Examination in Science stream with Mathematics from Maharashtra State board of Secondary and Higher secondary education or equivalent board of examination is eligible for admission to the (F.Y.B.C.A.) OR Passed Three Year Diploma Course approved by the DTE, Maharashtra State or its Equivalent authority.

Career Growth Pathway :

M. Sc. Computer Science, M. Sc. Computer Applications, M.Sc. Cyber Security

Job Opportunities :

Data Analyst, Software Developer / Engineer, Blockchain Developer, Web Developer (Frontend, Backend, Full Stack), IT Support Specialist, System Administrator, Cloud Support Associate, System Administrator



SEMESTER I		SEMESTER II	
Course Code	Course Name	Course Code	Course Name
CA101 - T	Problem Solving and Programming in C	CA151 - T	Advanced C Programming
CA102 - P	Lab course on CA101 - T	CA152 - P	Lab course on CA151 - T
CA103 - T	Computer Organization & Architecture	CA153 - T	Introduction to Microcontrollers
CA104 - P	Lab course on CA103 - T	CA154 - P	Lab course on CA153 - T
CA105 - T	Discrete Mathematics and Statistics	CA155 - T	Linear Algebra
CA106 - P	Laboratory course on CA-105 - T	CA156 - P	Laboratory course on CA-155 - T
OE101- CA	Introduction to Data Science	OE151- CA	Data Science Using Spreadsheet
SEC101- CA	HTML and Web Page Designing		Software
IKS - 100 - T	Course from Basket of courses prepared by the University	SEC151- CA	Software Tools for Business Communications
AEC - 101 - ENG	Course from University Basket 0	AEC151- ENG	Course from University Basket
VEC - 101 - ENV	Course from University Basket	VEC - 151 - ENV	Course from University Basket
		CC - 151 - PE	Course from University Basket



Bachelor of Science in Computer Application **B.Sc.CA**

3rd Year : Degree
4th Year : Honors

2nd
Year

SEMESTER III

Course Code	Course Name
CA201 – MJ	Data Structures
CA202 – MJP	Lab course on CA201 - MJ
CA221 – VSC	C++ Programming 0
CA231-FP	Field Project
CA – 241 – MN	Programming with Python
CA – 242 – MNP	Lab Course on CA – 241 – MN
OE – 201 – CA	Introduction to Artificial Intelligence
CA – 200 – IKS	Indian Knowledge for Computing Systems
AEC	Course from University Basket
CC	Course from University Basket

SEMESTER IV

Course Code	Course Name
CA251- MJ	Database Management Systems
CA252- MJP	Lab course on CA251 – MJ
CA271- VSC	Python Programming
CA281 CEP	Community Project
CA – 291 – MN	Introduction to Artificial Intelligence and Machine Learning
CA – 292 – MNP	Lab course on CA – 291 – MN
OE – 251 – CA	Software Tools for Office Administration
SEC251- CA	Spreadsheet Applications
AEC	Course from University Basket
CC	Course from University Basket

3rd
Year

SEMESTER V

Course Code	Course Name
CA301 - MJ	Software Engineering and Testing
CA302 - MJ	Fundamentals of Artificial Intelligence
CA303 - MJP	Lab course on CA-302-MJ
CA304 - MJ	Fundamentals of Data Science
CA305 – MJP	Lab course on CA-304-MJ -
CA310- M	User Interface and User Experience (UI-UX) Design
CA311- MJP	Lab course on CA - 310- MJ
	OR
CA312- MJP	Cloud Computing
CA313- MJP	Lab course on CA-312 - MJ
	OR
CA314- MJ	Cyber Security
CA315- MJP	Lab course on CA-314-MJ
CA321 VSC	Core JAVA Programming
CA331 FP	Field Project
CA – 341 – MN	Introduction to AR-VR

SEMESTER VI

Course Code	Course Name
CA351- MJ	Software Project Management
CA352- MJ	Web Programming
CA353- MJP	Lab course on CA-352-MJ
CA354- MJ	Operating system Design
CA355- MJP	Lab course on CA-354-MJ
CA360- MJ	Prompt & Generative AI
CA361- MJP	Lab course on CA-360 -MJ
	OR
CA362- MJ	Big Data and Analytics
CA363- MJP	Lab course on CA-362- MJ
	OR
CA364- MJ	Mobile Application Development
CA365- MJP	Lab course on CA-364 -MJ
CA371 VSC	Advanced JAVA Programming
CA- 381 OJT	On-Job Training/ Internship

*Syllabus is received from affiliating body subject to any change from respective competent authority.

Course Objectives:

The objective of the Program is to produce trained software professionals with hands-on experience on state-of-the-art technologies who will be able to handle challenges in IT industry.

The objectives of M.Sc. (Computer Applications) program are: -

- To produce knowledgeable and skilled human resources that is employable in IT and ITES.
- To impart knowledge required for planning, designing and building Complex Application Software Systems as well as to provide support for automated systems or applications.

M.Sc. (Computer Applications) Program is of Two Years duration with four semesters. It is a Full- Time post graduate Degree Program. The program is based on credit system comprising of total 88 credit points. It is believed that the proposed syllabus as part of the credit-based system will bring a qualitative change in the way M.Sc. (Computer Applications) is taught, which will offer a more enriched learning experience. It aims to provide students with the knowledge and ability to develop creative solutions, and better understand the effects of future developments of computer applications, systems and technology on people and society. The students shall develop self and life-long learning skills.

Eligibility :

- Bachelor Degree in Science / Technology / Engineering OR
- Bachelor of Computer Applications (B.C.A.) OR
- B.Sc.(Computer Science) OR
- Bachelor of Computer Science (B.C.S.) OR
- B.Sc.(Information Technology) OR
- B.Sc.(Data Science) OR
- B.Sc.(Cyber and Digital Science) OR
- B.Sc. (Cyber Security) OR
- B.Sc. (Cloud Computing) OR
- Bachelor of Engineering(BE/B.Tech) in Computer Engg./Computer Science & Engg./ Computer Science and Design/ Information Technology/Electronics and Telecommunication/AI and Data Science/AI and Machine Learning/ equivalent OR
- B. Voc. in Software Development/ Information Technology OR
- B.Sc. with Computer Science as Principal Subject OR
- General B.Sc. with Computer Science as one of the subject at TYBSc level Programme

SEMESTER I

Course Type	Course Code	Paper Title
MC	CA 501 MJ	Database Systems and SQL
	CA 502 MJ	Python Programming and Data Structures
	CA 503 MJ	Operating Systems
	CA 504 MJP	Lab course Based on CA 501 MJ & CA 503 MJ
ME	CA 505 MJP	Lab course based on CA 502 MJ
	CA 510A MJ	Java Programming
	CA 511 MJP	Lab Course based on CA 510A
	CA 512B MJ	Cloud Computing
RM	CA 513B MJP L	Lab Course based on CA 512B
	CA 531 RM	Research Methodology

SEMESTER II

Course Type	Course Code	Paper Title
MC	CA 551 MJ	Web Technologies
	CA 552 MJ	Introduction to Data Science
	CA 553 MJ	Computer Networks
	CA 554 MJP	Lab course based on CA 551
	CA 555 MJP	Lab course based on CA 552
ME	CA 560A MJ	Advance Java Programming
	CA 561A MJP	Lab Course on based on CA 560A MJ
OJT/FP	CA 562B MJ	C# .NET
	CA 563B MJP	Lab Course on based on CA 562B
	CA 581 OJT/FP	Industry Internship/Field Project

SEMESTER III

Course Type	Course Code	Paper Title
MC	CA 601 MJ	Artificial Intelligence
	CA 602 MJ	Machine Learning
	CA 603 MJ	Software Engineering
	CA 604 MJP	Lab Course based on CA 601 MJ
	CA 605 MJP	Lab Course based on CA 602 MJ
ME	CA 610A MJ	Mobile Application Development
	CA 611A MJP	Lab Course based on CA 610A MJ
	CA 612B MJ	Software Testing
	CA 613B MJP	Lab Course based on CA 612B MJ
RP	CA 631 RP	Research work - I

SEMESTER IV

Course Type	Course Code	Paper Title
MC	CA 651 MJP	Industrial Training#
ME	CA 660A MJ	Management Information System
	CA 661A MJ	Digital Marketing
	CA 662B MJ	ERP
	CA 663B MJ	Information Security
RP	CA 681 RP	Research Work - II

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Bachelor of Science in Cyber Security

B.Sc. Cyber Security

3rd Year : Degree

4th Year : Honors

As per NEP, after completion of the respective year course work successfully, Student will be awarded:

1st Year : Certificate



2nd Year : Diploma



3rd Year : Degree



For availing honors students have to pursue - 4th Year



Course Objectives:

• In today's interconnected world, the proliferation of digital technologies has brought about unprecedented convenience and efficiency. However, this digital transformation has also led to an increase in cyber threats, making cyber security an essential field. Cyber-attacks can cause significant harm to individuals, businesses, and national security. As a result, there is a growing demand for skilled cyber security professionals who can protect sensitive information and critical infrastructure.

To Develop Proficiency in Cyber Security: Equip students with the skills to protect • Information systems against cyber threats and vulnerabilities. To provide hands-on experience with current security technologies and tools. • To an understanding of the ethical, legal, and societal implications of cyber security practices. • To encourage innovative problem-solving and critical analysis of security issues. • To develop an understanding of the global context and cultural dimensions of cyber security

SEMESTER I

1st Year

Course Code	Paper Title
CYS101MJ	Fundamentals of Linux Administration
CYS102MJ	Foundations of C programming
CYS103MJ	Information Technology 2
CYS104MJP	Practical based on CYS101MJ
CYS105MJP	Practical based on CYS102MJ
CYS106MJP	Practical based on CYS103MJ
CYS101IKS	Computing in ancient India
OE101CYS	Office Automation/ Introduction to Google Tools
SEC101CYS	Basics of Digital Communication (P)
AEC101MAR/ HIN/ENG	MIL-I (Hindi) / MIL-I(Marathi)/ MIL-I (ENGLISH)
VEC101ENV	EVS-I

SEMESTER II

Course Code	Paper Title
CYS151MJ	Cyber Security Fundamentals
CYS152MJ	Computer Networks
CYS153MJ	Python Programming
CYS154MJP	Practical based on CYS151MJ
CYS155MJP	Practical based on CYS152MJ
CYS156MJP	Practical based on CYS153MJ
OE152CYSP	Office Automation/ Introduction to Google Tools
SEC151CYS	Statistical Methods-I
AEC151MAR / HIN/ENG	MIL-I(Hindi) / MIL-I(Marathi)/ MIL-I(ENGLISH)
VEC151ENV	EVS-II
CC151PE/ NSS/ NCC University Basket	

Eligibility :

Higher secondary school certificate (10+2) with Science or its equivalent examination with English

OR

Three-year diploma course from the board of technical education conducted by Government of Maharashtra or its equivalent

OR

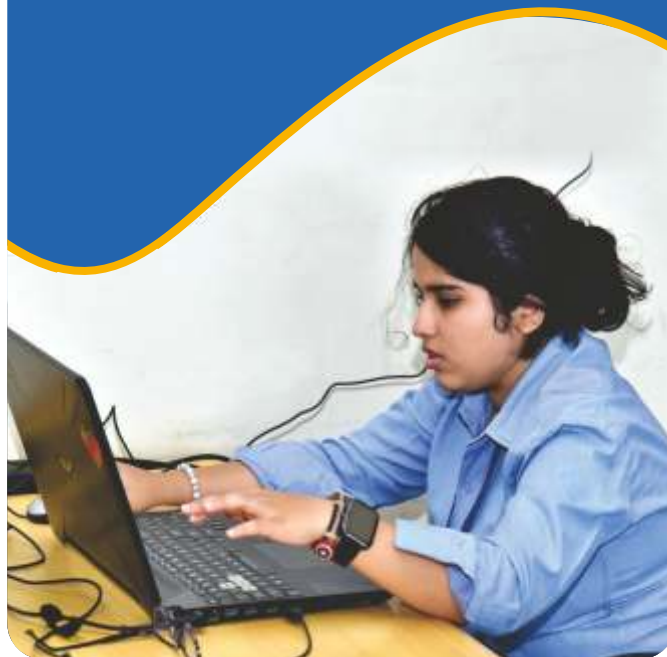
Higher secondary school certificate (10+2) with Science Examination with English and avocational subject of +2 level (MCVC)

Career Growth Pathway :

Graduate students of Suryadatta have bright future prospects & have multiple options to pursue their master degree (M.Sc. Cyber Security, M.Sc.Data Science, M.Sc.CA, MCA & PGDM)

Job Opportunities :

- Lead and Internal Auditor for information security management systems in surveillance agencies, Assistantship with cyber lawyers and advocates.
- Network Engineer
- Information Security Analyst • Ethical Hacker Job Roles
- Security Architect
- Chief Information security officer (CISO)



Master of Science in M.Sc. Cyber Security Cyber Security

Course Objectives:

The Master of Science in Cyber Security (M.Sc. Cyber Security) program is designed to provide advanced education and training in the field of Cyber Security. This comprehensive program aims to equip students with a profound understanding of theoretical concepts, practical skills, and cutting-edge technologies relevant to the rapidly evolving world of computing. With a strong emphasis on academic excellence and research-driven learning, the M.Sc. Cyber Security program seeks to nurture a community of skilled Cyber security professionals capable of addressing complex challenges across various industries.

Job Opportunities :

- Lead and Internal Auditor for information security management systems in surveillance agencies, Assistantship with cyber lawyers and advocates. • Network Engineer
- Information Security Analyst • Ethical Hacker Job Roles
- Security Architect • Chief Information security officer (CISO)

Eligibility :

- (a) B.Sc.(Cyber and Digital Science) OR
- (b) B.Sc. (Cyber Security)
- (c) Bachelor of Computer Science (B.C.S.) OR
- (d) B.Sc.(Computer Science) OR
- (e) B.C.A.(Science) OR
- (f) B.Sc.(Information Technology) OR
- (g) B.Sc. (Cloud Computing) OR
- (h) Bachelor of Engineering(BE) in Computer Science/Information Technology/Electronics and Telecommunication/AI and Data Science/AI and Machine Learning/ equivalent OR
- (i) B.Voc. in Software Development/ Information Technology
- (j) B.Sc. with Computer Science as Principal Subject
- (k) General B.Sc. with Computer Science as one of the subject at TYBSc level OR Graduate degree from a recognized university / institution with an equivalent qualification

SEMESTER I

Course Code	Course Name
MCS-501-MJ	Malware Analysis II
MCS-502-MJ	Intrusion Detection & Prevention System
MCS-503-MJ	Digital Image Processing
MCS-504-MJP	PracticalBasedonMCS501MJ
MCS-505-MJP	PracticalBasedonMCS502MJ
MCS-510-MJ	Digital Payments and Its Security
MCS-511-MJP	P PracticalBasedonMCS510MJ
OR	
MCS-512-MJ	Wireless Security
MCS-513-MJP	PracticalBasedonMCS512MJ
OR	
MCS-514-MJ	ITAct2000inCyberspace
MCS-515-MJP	PracticalBasedonMCS514MJ
MCS-531-RM	Research Methodology

SEMESTER II

Course Code	Course Name
MCS-601-MJ	Cloud Security and Services
MCS-602-MJ	Virtualization &Forensics
MCS-603-MJ	Security Audit
MCS-604-MJP	LabcourseonMCS-601-MJ and 603
MCS-605-MJP	LabcourseMCS-602-MJ
MCS-610-MJ	Penetration Testing
MCS-611-MJP	LabCourseonMCS-610-MJ
OR	
MCS-612-MJ	DevOps Fundamentals
MCS-613-MJP	LabCourseonMCS-612-MJ
OR	
MCS-614-MJ	Mobile forensic
MCS-615-MJP	PracticalonMCS-614-MJ
MCS-631-RP	Research Project Work (120 Hrs)



SEMESTER III

Course Code	Course Name
MCS-551-MJ	Mobile Application and Services
MCS-552-MJ	Incident Handling
MCS-553-MJ	Cyber Security Architecture
MCS-554-MJP	Practical Based on MCS551MJ
MCS-555-MJP	Practical Based on MCS552MJ
MCS-560-MJ	Dark web and Cyber warfare
MCS-561-MJP	Practical Based on MCS560MJ
OR	
MCS-562-MJ	Dev Sec Ops
MCS-563-MJP	Practical Based on MCS562MJ
OR	
MCS-564-MJ	Tools and Technology for Cyber Security
MCS-565-MJP	Practical Based on MCS - 563-MJ
MCS-581-OJT	OJT

SEMESTER IV

Course Code	Course Name
MCS-651-MJP	Full Time Industrial Training (IT)
MCS-652-MJ	Online/MOOC(Elective Courses List)
MCS-681-RP	Research Project Work (180 hrs.)



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Master of Science in M.Sc.Bioinformatics

Course Objectives:

An MSc (Master of Science) in Bioinformatics is a postgraduate degree focused on the intersection of biology, computer science, and data analysis. It trains students to handle and interpret complex biological data, especially genomic and proteomic information.

Career Opportunities:

- Bioinformatics Scientist
- Computational Biologist
- Data Analyst (Biotech)
- Research Scientist
- Genomics Consultant
- PhD Researcher

Sectors: biotech companies, pharmaceutical firms, research labs, hospitals, and academic institutions.

Eligibility :

M. Sc. Bioinformatics program at Bioinformatics Centre, Savitribai Phule Pune University is supported under "Post Graduate Teaching Programme in Biotechnology and Allied Areas" of Dept. of Biotechnology, Govt. of India. Admissions are carried out on the basis of merit in the "Graduate Aptitude Test – Biotechnology" (GAT-B).

• Qualifying Degrees:

B. Sc. degree in any area of pure or applied Life Sciences / Physical Sciences / Chemical Sciences / Statistics / Mathematics / Computer Science

OR

B.E./ B.Tech./ M.B.B.S./ B.A.M.S./ B.H.M.S./ B. Pharm/ B.V.Sc. etc.

• Minimum Percentage required in the qualifying degree programme:

UR (General) Category: First class with minimum 60% marks or Grade A with a minimum CGPA of 6.0 on the scale of 0-10

Reservation category: Second class with minimum 55% marks or Grade B with a minimum CGPA of 5.5 on the scale of 0-10

SEMESTER I

Subject Code	Subject Title
BIN 101 (T+P)	Biological Data & Databases
BIN 102 (T+P)	Biological Sequence Analysis
BIN 103 (T+P)	Biomolecular Structure & Organization
BIN 104 (P)	Python Programming
BIN 105 (T)	Research Methodology
BIE 106 (T)*	Mathematics & Statistics
BIE 107 (T)*	Basic Biology
BIE 108 (T)	Molecular Biology
BIE 109 (T)	Biochemistry and Cell Biology

SEMESTER II

Subject Code	Subject Title
BIN 201 (T+P)	Structural Bioinformatics
BIN 202 (T+P)	Chemoinformatics
BIN 203 (T+P)	Genomics
BIN 204 (P)	Introduction to Database Systems
BIN 205 (P)	On Job Training/ Field Project
BIE 206 (P)	Biological Data Curation and Analysis
BIE 207 (P)	Advanced Techniques in Experimental Biology
BIE 208 (T+P)	Molecular Phylogenetics
BIE 209 (T+P)	Programming in Java
BIE 210 (P)	Linux Operating System
BIE 211 (T+P)	Software Testing

SEMESTER III

Subject Code	Subject Title
BIN 301 (T+P)	Immunology and Immunoinformatics
BIN 302 (T+P)	Comparative Genomics
BIN 303 (T+P)	Molecular Modeling & Simulations
BIN 304 (T+P)	Scientific Data Mining and Visualization
BIN 305 (P)	Project
BIE 306 (T)	Biology of Diseases
BIE 307 (T+P)	Pathways & Networks
BIE 308 (P)	Laboratory Course in Experimental Immunology
BIE 309 (P)	Web Design

SEMESTER IV

Subject Code	Subject Title
BIN 401 (P)	Project
BIN 402 (P)	Seminar
BIN 403 (T+P)	Transcriptomics and Proteomics
BIN 404 (T+P)	Metabolic Engineering & Systems Biology
BIN 405 (T+P)	Modern Drug Design
BIE 406 (T+P)	Translational Bioinformatics
BIE 407 (T+P)	Advanced Genomics
BIE 408 (T+P)	Advanced Molecular Phylogenetics
BIE 409 (T+P)	Advanced Algorithms in Machine Learning

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Value Added Certifications

Aligned with NEP Creating competencies for sustainable development

Suryadatta has signed MOU and obtained memberships from various nationally and internationally recognised prestigious associations and professional bodies. To name a few, Suryadatta is a member of All India Management Association (AIMA), collaborations with Cambridge English Assessment, IIMBx, Harvard Business School Online, Harvard Business Publishing Education, first in West India to have AIMA Bizlab, London Academy of Professional Training (UK), Association of Internal Control Practitioners(UK) and Risk Management Association of India, Lincoln University (Malaysia), SAP, TCS Ion, Retailers Associations of India, CIMSME, Kalam Centre & Aavishkar labs, X Billion Skills Lab, Byju's, Consortium of Accredited Healthcare Organisations, Indian Cyber Army, Bada Business and many more....for providing holistic development of students.

LIFE SKILLS FOR HOLISTIC DEVELOPMENT

Sr No	Certification Name	Certification will be Awarded by
1	Outbound Leadership & Commando Training	SGFS
2	Financial Literacy & Entrepreneur Leadership	
3	Business etiquettes	SGFS
4	National Values and Character Building	SGRPC
5	Business Communication	SIEFL
6	Hygiene & Healthcare Management	SIPHC / CAHO
7	Health & Fitness (Yoga / Meditation / Gymnasium)	SFSA
8	Self Defence (Karate / Taekwondo)	SISDA
9	Holistic Wellbeing & Happiness	Round Glass
10	Performing Arts (Zumba / Contemporary / Aerobics)	SIPA
11	Value Based Education	SGPRC
12	Corporate Business Analyst (CBA)	PICM
13	Career Counselling and Skill Development	FUEL
14	Startup, Creating new venture & Entrepreneurship	SIESD
15	MOOCs (Two MOOCs)	SWAYAM / NPTEL
16	Excel Boot Camp	TCSION / SICT
17	Cognitive Learning	SICT
18	Employability Enhancement Programme	SICD
19	Industry 4.0 - 7 Pillars Modules for futuristic techno entrepreneur	InnovatioNext
20	Soft Skills and Personality Development	SICD
21	SAP ERP	SAP
22	Finance for Non Finance Managers	SIBF

All the students pursuing 4 years full time Bachelor Degree from Suryadatta will be offered value added modules every year and Certificate will be issued on completion.

OPTIONAL : ADDITIONAL PROFESSIONAL CERTIFICATIONS (Charges at Actual Cost)

Cyber security & Digital Science skills are in higher demand than ever before. In a global world, knowledge, experience and skills must be backed by professional certifications and continual improvement in skills to stay abreast on the latest threats and technology. Key certifications are provided to make students industry ready.

Sr No	Certification Name	Certification will be Awarded by
1	Cloud Computing	SICF / SGACP / Practicing Professional
2	Security And Risk Management	SICF / SGACP / Practicing Professional
3	Cyber Security Network Architecture	SICF / SGACP / Practicing Professional
4	Global perspectives on Cyber Laws	SICF / SGACP / Practicing Professional
5	Information Security, Governance & Compliance	SICF / SGACP / Practicing Professional
6	International Data Policies	SICF / SGACP / Practicing Professional
7	Certification in Cyber Laws	SIDS
8	Certification in IPR (Basics)	SIDS
9	Certification in Trademarks in Domain Names	SIDS
10	Certification in Copyrights in Softwares	SIDS
11	Certification in Patents in Info Tech	SIDS
12	Certification in Semi Conduction Laws	SIDS
13	Certification in Data Privacy Laws	SIDS
14	Digital Engineering	NASSCOM
15	Introduction to Cyber Security	NASSCOM
16	Cyber Security Essentials	NASSCOM

Value added modules proposed as on date, subject to change.

We strongly recommend to Opt for additional professional certifications for overall holistic development

Syllabus and schedule of the Value Added Courses is subject to change as per the policies of our Academic Partners and the Certifying bodies. The Management reserves the rights to offer alternative certifications as advised by the experts in lieu of the above mentioned certifications.

Essential Recommended Certification Courses for Cyber Security Students

RECOMMENDED COURSE FOR					
Sr. No	Organization	Strongly Recommended	Essential	Recommended	Desirable
1	NASSCOM	Certified Ethical Hacker (CEH), CompTIA Security+, EC-Council Certified SOC Analyst (CSA)	Cisco CCNA Security, CompTIA Network+, Secure Coding Practices	ISO/IEC 27001 Internal Auditor, Cyber Security Internship	Bug Bounty Participation, Hackathons, Cyber Safety Workshops
2	NAC	Certified Data Privacy Solutions Engineer (CDPSE), ISO 27001 Lead Auditor	Certified Information Systems Auditor (CISA), Secure Software Dev. Life Cycle	NAC Certificate in Incident Response, Business Continuity Fundamentals	Cyber Law Awareness, Awareness on GDPR Compliance
3	IBM	IBM Cyber security Analyst Professional Certificate, IBM Cloud Security Engineer	IBM Security QRadar SIEM Foundations, IBM Threat Intelligence Fundamentals	IBM AI & Cyber security Workshop, IBM Secure DevOps Practices	Open Source Security Tools Training, GitHub Security Learning
4	Cyber Chamber UK	Certified Penetration Tester (CPT), Certified ISO 27001 Lead Implementer	Cyber Hygiene Essentials, Cyber Essentials Certification (UK Govt.), Phishing Simulations	Social Engineering Prevention Training, Email Security Essentials	GDPR Awareness Sessions, Data Privacy Workshops
5	MOOCs	Coursera/edX Cybersecurity Specialization, edX MicroMasters in Cybersecurity, Udacity Cybersecurity Nanodegree	Introduction to Cyber Security (FutureLearn), Network Defense Fundamentals (Coursera)	Secure IoT Basics (MOOC), Blockchain Security Basics (edX)	Digital Forensics Short Course, Bug Bounty Basics
6	SWAYAM	SWAYAM Cyber Security and Digital Forensics, SWAYAM Ethical Hacking & Pen Testing	SWAYAM Network Security, SWAYAM Information Security Standards	Secure Web Development (SWAYAM), Cloud Security Basics	Cyber Ethics & Legal Aspects of Cyber Crime (SWAYAM)

Suryadatta International Centre of Excellence and Research (SICER)

Academic Partners

One stop solution for all

SURYADATTA Nasscom Technology Partner

nasscom

Nasscom, a not-for-profit industry association, is the apex body for the \$245 billion technology industry in India, an industry that has made a phenomenal contribution to India's GDP, exports, employment, infrastructure and global visibility. In India, this industry provides the highest employment in the private sector.

Nasscom is focussed on building the architecture integral to the development of the technology sector through policy advocacy, and help in setting up the strategic direction for the sector to unleash its potential and dominate newer frontiers.

SURYADATTA National Cyber Security Research Council (NCSRC)



National Cyber Security Research Council (NCSRC) has been established to protect our country from cyber threats and attacks that threaten our national security. It is a premier institution dedicated to advancing cybersecurity research, education, and collaboration in India. With a mission to strengthen the nation's cyber resilience, NCSRC brings together academia, industry, and government to address emerging threats, develop innovative solutions, and build a secure digital future.

Academic Collaboration include:

- NCSRC's Centre of Excellence in Cyber Security & Allied Sciences
- Certificate courses in Cyber security & allied disciplines
- Opportunity for students to work on Cyber security projects of NCSRC member industries
- Opportunity to attend the seminars, conferences, workshops conducted by NCSRC
- Opportunity to visit Cyber labs through NCSRC network
- Access to Digital Books
- Opportunity to publish research papers in NCSRC journal

SURYADATTA MILE 2 (TECH LEX CLS LLP)*



We will be having MOU with Mile2 through Tech Lex Cyber Law Solution LLP though Cyber Security Certification will be provided which are globally recognized :

Academic Collaboration include:

1. Certified Professional Ethical Hacker (CPEH),
2. Basics of Cyber Security Courses along with network and hardware security CSA 1 + CSA 2+ CHT + COST + CNP(Basics of cyber security including network and hardware security)
3. CPTE:- Certified Penetration Testing Engineer
4. One year diploma in CYBER SECURITY with Red Hat Blue Hat

Suryadatta International Centre of Excellence and Research (SICER)

Academic Partners

One stop solution for all

SURYADATTA



Coursera

coursera

Coursera is a leading global learning platform that partners with top universities and industry leaders to offer high-quality online courses, certifications, and degrees. It empowers institutions and individuals to gain in-demand skills and recognized credentials for career growth and academic excellence. It offers 6,800+ courses from 225+ leading universities and 100+ industry partners.

Academic Collaboration include:

- Access to 10,000+ courses across domains.
- Integration with Coursera Hiring Solutions, enabling learners' profiles to be viewed by employers.
- Exposure to emerging skills and cutting-edge technologies to stay ahead in today's competitive landscape

SURYADATTA



**Centre for AI Innovation (CE.AI),
Singapore**



CEAI is primarily formed as an effort by MyFinB Group, Singapore with the objective to support society at large, people and industries with AI solutions aligned with the SDG17 goals of the United Nations. Centre for AI Innovation (CEAI), operates globally, providing AI solutions to a wide range of industries and markets. Its team of experts.

Academic Collaboration include:

- Set up of Centre of Excellence in AI
- Artificial Intelligence course for all students
- Young CEO Program
- Professional Certificate series in AI
- Certification in Applied AI (CAAI)



Uniqueness of Suryadatta - Trusted Name for Imparting Quality Education for Holistic & Sustainable Development



FORUMS	CELLS	CLUBS	ASSOCIATION MEMBERSHIPS
• Programing & Coding Forum	• Social Media Cell	• Movie Club	• NIPM Students chapter
• IOT Forum	• CSR Cell	• Book Club	• Retract Club
• Cyber Intelligence Forum	• Start Up & Entrepreneurship Cell	• Adventure Sports Club	• CII Yi
• Digital Science Forum	• Incubation, Technology & IPR Cell	• Photography & Videography Club	• Alumni Association
	• Oriental Ethos & Values Cell	• TED Talks Club	• Suryadatta Global Business Forum (SGBF)
	• Research & Publications Cell	• Health & Wellness Club	
		• Dance & Music Club	



Glimpses of cyber warriors with the standee of Hon'ble Prime Minister Shri. Narendra Modi ji at Viksit Bharat Event Hon. CM Mr. Devendra Fadnavis and Advocate Hitesh Jain

Career Opportunities (National & International)

The B.Sc. Cyber Digital Science program shall generate multiple options for employment, entrepreneurship and openings in private & public sector institutions too. Typical job roles are as below -

- | | |
|---------------------------------------|---|
| ● Cyber Security Engineer/ Architect | ● Information Security Officer |
| ● Cyber Security Analyst | ● Embedded Cyber Security Specialist |
| ● Security/IT Director or Manager | ● Computer Forensics |
| ● Forensics Investigator | ● Cell Phone Crime Investigation |
| ● Network Architect or Engineer | ● Cell Phone Forensics |
| ● IT Cyber security Analyst | ● Security Auditor |
| ● Cyber Security Assurance Consultant | ● Vulnerability Assessment & Penetration Tester |
| ● Cyber Security Manager | ● Cyber Intelligence |
| ● Network Security Engineer | ● Cyber Frauds Investigation |
| ● Cyber Security Researcher | ● Cyber security Threat Analyst |
| ● Entrepreneurship / Consultant | ● Freelancer |

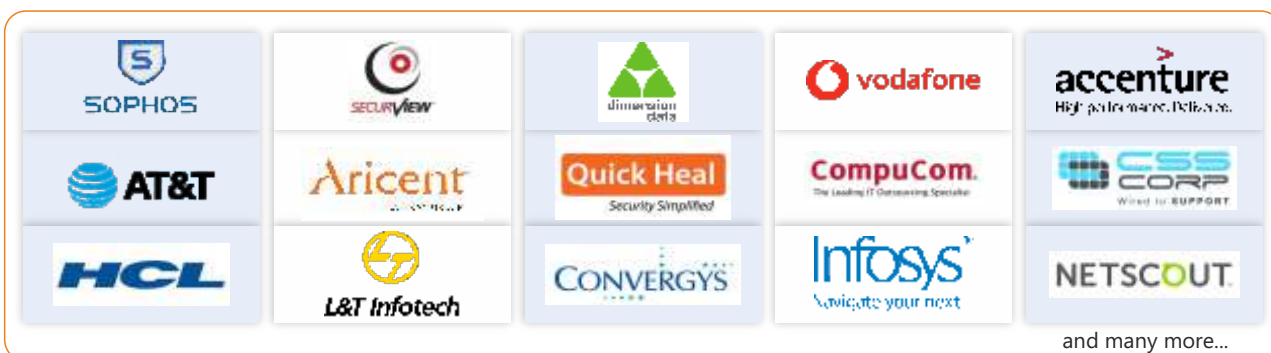
Recruiters for Cyber Security & Allied Areas

- To Name A Few :

B.Sc. in Cyber Security & Digital Science course is offered affiliated Savitribai Phule Pune University (SPPU), ranked 9th by NIRF. Currently, the Master Degree program in Cyber Security and allied courses are offered by few of the Universities. After completing the Master Degree course in this field, below are names of few associates recruiters who hire Cyber Security professionals.

BSc in Cyber & Digital Science salary in India for graduates relies upon the level of education, grades and abilities acquired. Some of the BSc in Cyber & Digital Science job opportunities in India are:

Job Roles	Average Annual Salary
Cyber Intelligence	INR 5 LPA
Freelancer	INR 4 LPA
Cell Phone Forensics	INR 4.2 LPA
Cyber Security Engineer/Architect	INR 15 LPA
Security Auditor	INR 9.2 LPA
Cyber Security Manager	INR 12.5 LPA
Consultant	INR 7.2 LPA



What Do Cyber Security Professionals Do?

Cyber security professionals add value to their organization by carrying out security operations, security administration, risk assessment, analysis and management, governance, risk management and compliance (GRC), cloud computing security, security and threat intelligence analysis, security engineering and administration, penetration testing, intrusion detection & network monitoring, operational technology security, secure software development, forensics.

Cyber & Digital Forensics Awareness Initiative

Suryadatta has been conducting various short-term programmes, conferences, symposiums, workshops and conclaves in emerging areas and sunrise sectors as well as the national thrust areas. In tune with its philosophy and with a view to contribute to society, Suryadatta Group of Institutes over the past several years organised various learning interventions and knowledge management series in the areas of Cyber Security, Information Security, Data Science, Big Data, Business Analytics, and other emerging areas. These initiatives have received an overwhelming response and have also added immense value to the student community, faculty, industry, entrepreneurs and the practitioners. These initiatives have invariably led to meeting the futuristic talent needs of the nation.

In view of this, Suryadatta Education Foundation has now ventured into Cyber Security related areas to sensitise & create awareness on the increasing cyber threats. Apart from offering BSc in Cyber Security and other professional certification courses in allied areas, it is in the forefront in conducting awareness drives / Initiatives with a purpose to spread the knowledge of Cyber Security related domains & make the public aware of the possible threats and also to encourage students to pursue career in this field and become expert Cyber security professionals. Below are few such awareness initiatives organised:

- Cyber Security Awareness Initiative
- Digital Forensic Science awareness Initiative
- Information Security Awareness Initiative
- Cyber Security & Incident Response Awareness Initiative
- Cyber Malware Awareness Initiative
- Web & Mobile Security Awareness Initiative
- Humanitarian Forensics awareness Initiative
- Narcotic Drugs and Psychotropic Substances Initiative
- Forensic Biotechnology Awareness Initiative
- Multimedia Forensic Awareness Initiative
- Finger Print Science Awareness Initiative
- Forensic Journalism Awareness Initiative

Fees & Admissions Procedure

MODE OF PAYMENT

For admission kit & for paying the course fees

ONLINE : Application form can be filled and submitted on our website www.suryadatta.org and make the payment through online transfer in our Suryadatta Education Foundation, IDBI Bank, Sadashiv Peth, Pune Branch, Account Number : 490104000011200, IFSC CODE - IBKL0000490. Also please email the UTR no. / scanned copy of deposit slip on our email admission@suryadatta.edu.in along with your name and course details

OFFLINE : By sending DD drawn in favor of "Suryadatta Education Foundation" payable at Pune along with duly filled online form available on our website www.siics.org / www.suryadatta.org along with relevant documents.

IN PERSON : Application form can be obtained from the campus by cash payment / card / D.D.

LAPTOP

We recommend students to procure a laptop with suitable configuration equipped to meet academic assignments, online examination, self - learning and digital learning. This will enable students to evolve as Digital age learners and develop digital skills for workplace productivity.

Uniforms will be given at extra cost in various sizes. (S, M, L, XL, XXL) by college vendor

Note : Every effort has been made to ensure the accuracy of information contained in this Prospectus, but the Suryadatta International Institute of Cyber Security (SIICS) will not be responsible for errors if any therein. This Prospectus is only for information and nothing more.

The Institute reserves the right in every case at its discretion and for any reason to introduce changes to the information given including the addition, withdrawal or restructuring of the courses, rules, policies, fees, change in the campus or other matters. The prospectus is issued on the express condition that it shall not form part of any contract between the Institute and any student. Suryadatta International Institute of Cyber Security (SIICS) reserves the right to deny admission to a prospective student, if the college authorities consider that it will affect the discipline and violate the academic integrity and student's code of conduct in the campus. The campus of the college may be subject to change if so decided by the management.



There have been more than Thousand research areas in the field of Cyber Security gathered by our esteemed faculty. These are some of the areas covered for the purpose of promoting and advocating Cyber security.

CHIEF INFORMATION SECURITY OFFICER

A **chief information security officer (CISO)** is the senior-level executive within an organization responsible for establishing and maintaining the enterprise vision, strategy, and program to ensure information assets and technologies are adequately protected. The CISO directs staff in identifying, developing, implementing, and maintaining processes across the enterprise to reduce information and information technology (IT) risks. They respond to incidents, establish appropriate standards and controls, manage security technologies, and direct the establishment and implementation of policies and procedures. The CISO is also usually responsible for information-related compliance (e.g. supervises the implementation to achieve ISO/IEC 27001 certification for an entity or a part of it).



FORENSIC COMPUTER ANALYST

With the increasing rate of cybercrimes, the need for **forensic** computer professionals who will investigate data breaches, security incidents and criminal activity cant be overemphasized. With good analytical skills, you are most likely going to succeed in a career as a forensic computer analyst.

FORENSIC COMPUTER ANALYST

A Forensic Computer Analyst is a specially trained professional who works with law enforcement agencies, as well as private firms, to retrieve information from computers. Computer Forensics Analysts are also referred to as computer forensics investigators, examiners or specialists. Computer forensic analysts combine their computer science knowledge with their forensic skills to recover information from computers and storage devices. In addition, they are responsible for assisting law enforcement officers with cyber crimes and a lot to retrieve evidence. Furthermore, forensic computer analysts are also responsible for following all safety and privacy procedures when handling sensitive financial or personal information such as documents, videos, or pictures. Additionally, they must handle and receive evidence carefully and keep accurate records of duties performed.

INFORMATION SECURITY ANALYST

An information security analyst is one who is employed in order to monitor private data and prevent any malicious attacks or attempts to steal such data. Information security analysts may be referred to as digital security professionals who make the use of protection technology such as secure servers and firewalls to protect their client's data. The information security meaning also includes efforts made to identify weaknesses in networks that make data vulnerable and address these issues to strengthen data security. In a world that effectively runs on technology, the demand for information security skills is only going to increase.



There have been more than Thousand research areas in the field of Cyber Security gathered by our esteemed faculty. These are some of the areas covered for the purpose of promoting and advocating Cyber security.

PENETRATION TESTER

Some penetration testing jobs carry other titles, such as "ethical hacker" or "assurance validator". These terms reflect the main duties of a penetration tester (or "pen tester"): to seek, identify, and attempt to breach existing weaknesses in digital systems and computing networks. These systems and networks include websites, data storage systems, & other IT assets. Many people confuse penetration testing with vulnerability testing. In actuality, these two cyber security specializations have distinct differences. Vulnerability testers look for flaws and weaknesses during a security program's design and setup phases. Penetration testing professionals specifically seek out flaws and weaknesses in existing, active systems. Penetration testing teams simulate cyber attacks and other security breaches designed to access sensitive, private, or proprietary information. They utilize existing hacking tools and strategies as well as devise their own. During a simulated attack, pen testers document their actions to generate detailed reports indicating how they managed to bypass established security protocols, and to what degree. Organizationally, penetration testing teams create value by helping their employers avoid the public relations fallout and loss of consumer confidence that accompany actual hacks and cyber attacks. They also help businesses and organizations improve their digital security measures within established budgetary confines. The sections that follow explore key soft and hard penetration tester skills.

SECURITY ARCHITECT

Security architects assess their organizations' information technology and computer systems, identifying strengths and weaknesses. They conduct penetration tests, risk analyses, and ethical hacks on local area networks, wide area networks, and virtual private networks. They also assess routers, firewalls, and comparable systems to determine efficacy and efficiency. Security architects think like hackers. They push existing computer & network security systems to their limits. Once security architects identify vulnerabilities in existing systems, they plan & implement architectural changes to boost security structures. These professionals often develop and implement entirely new security architectures. They blend knowledge of security hardware and software, organizational needs, and cyber security risks with organizational policies and industry standards. As security architects build and maintain security systems and networks, they prepare budgets, oversee expenses, and allocate personnel resources as needed. Security architects provide guidance to information technology (IT) security team members. They also lead IT analysts, security administrators, and security engineers to coordinate effective security protocols. Security architects also respond to security breaches. When incidents arise, security architects assess causes, damages, and data recovery, preparing thorough reports for their colleagues, managers, and executives. They also implement appropriate changes, updates, and upgrades in response to vulnerabilities and incursions.

IT SECURITY ENGINEER

The Information Security Engineer is responsible for the security of an organization's computer systems and networks. Also (known as an Information Security Analyst), the engineer implements security measures that effectively safeguard sensitive data in the event of a cyber attack. The role is highly collaborative, involving frequent interaction with various members of the IT team. The Information Systems Security Engineer is expected to report directly to upper management. The Information security engineer should work in collaboration with the information security team to offer support to security tools & technologies such as firewall, proxy server, remote access and others. The professional must document the configurations and network designs to help in the effective execution. It is the Information Security Engineer who conducts log analysis & other network forensic investigations. They provide full cooperation to the appropriate teams for participating in cyber investigations.



SECURITY SYSTEMS ADMINISTRATOR

A security systems administrator is someone who gives expert advice to companies regarding their internal security procedures and can also help to detect any weaknesses in a company's computer network that may make them vulnerable to cyber attacks. Security systems administrators are a company's first step in monitoring suspicious activity either within the local network or from outside internet traffic.

Security systems administrators are in charge of the daily operation of security systems, and can handle things like systems monitoring and running regular backups; setting up, deleting and maintaining individual user accounts; and developing organizational security procedures.

Glimpses of Suryadatta Global Cyberx Conclave 2024



Prof Dr Sanjay B. Chordiya
Founder President & Chairman
Suryadatta Group of Institutes, Pune



Mr Akshay Mandale
Cyber security Consultant
Pristine InfoSolutions Pvt. Ltd., Mumbai



Mr Anil Sawale
Principal Correspondent,
Sakal Newspaper (Crime Beat)



Shri Chandrashekar Sawant
Deputy Superintendent
of Police, Pune



Mr Chandan Chourasiya
Director, Vies Consulting
Pvt. Ltd., Pune



Dr. Deepak Shikarpur
IT Professional & Advisory Board Member SGI



Glimpses of Suryadatta Global Cyberx Conclave 2024



Dr. Harold D'Costa
President
Cyber Security Corporation



Ms. Jayashree Nangare
International Cyber Law Expert



Prof Dr Naveen Kumar Chaudhary
Professor & Dean, National Forensic
Sciences University, Gandhinagar, Gujarat



Ms Nazmeen Ansari
CISA & Cloud Evangelist,
CEO Matrix 3D, Mumbai



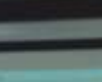
Shri R. K. Pillai
President & CEO,
AIPL Tech Pvt. Ltd, Mumbai



Adv Rajas Pingle
International Cyber Law Expert



National Symposium on Cyber Intelligence for a Secure Digital World



Webinars

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**Sakal NIE in Association with
Suryadatta Group of Institutes**

Presented by:

LIVE

WEBINAR

Topic:
**INNOVATIVE
APPROACHES
TO STEM
EDUCATION**

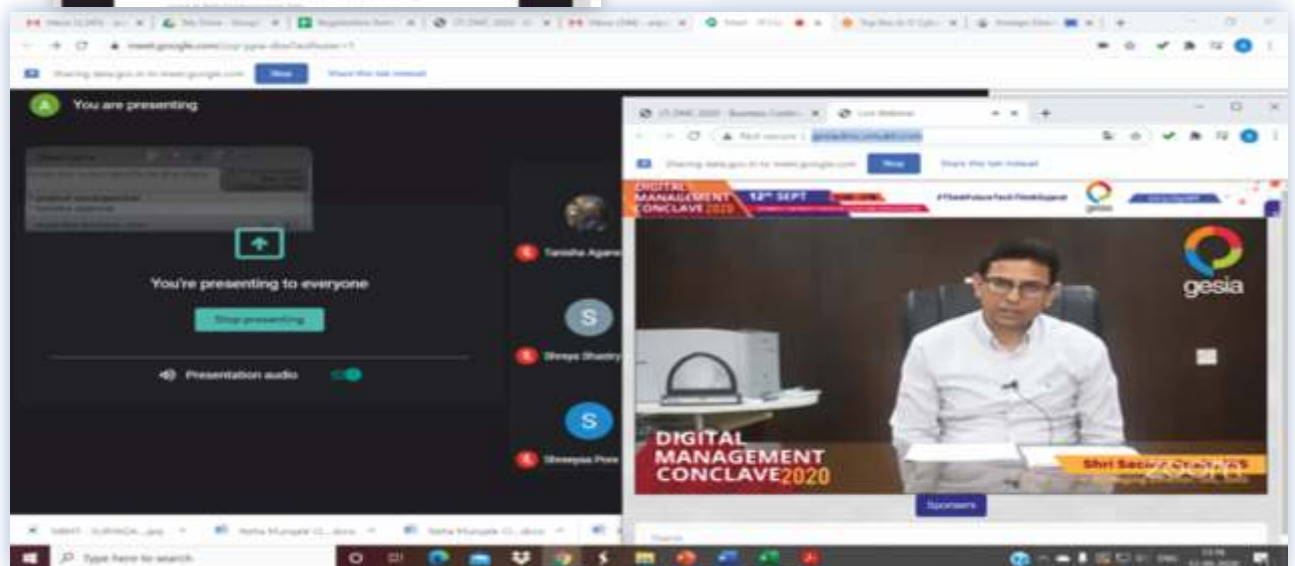
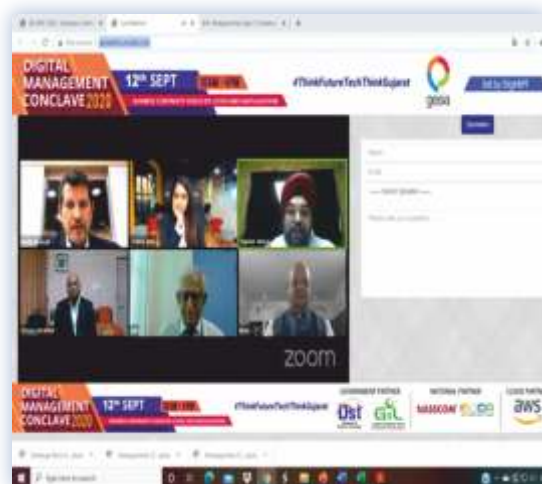
Speaker:
MRS. RANIA LAMPOU
Global Teacher Prize Top 50 Finalist 2019,
41st Primary School of Excellence,
Attica, Greece

Date:
**30th October 2021,
Saturday**
at 4:00 P.M. IST

Cyber & Digital Forensics Awareness Initiative

Digital Management Conclave 2020

For Academicians, Students,
Industry Professionals, Entrepreneurs



Cyber & Digital Forensics Awareness Initiative

Glimpses of Guest Lecture as a Part of Indian Knowledge System (IKS) Speaker Shri Sunilji Phulari Special IG of Police (Kolhapur)



Mr. Dattatray Bhagwan Dhainje - Cyber Police

Cyber & Digital Forensics Awareness Initiative

Glimpses of Inauguration of SURYADATTA NATIONAL CYBER RESOURCE CENTER (SNCRC) of National Cyber Security Research Council



Chief Guest: Dr. Shashikant Mahavarkar, Joint Commissioner of Police (JCP) Pimpri Chinchwad Police
Guest of Honour : Dr. E. Khalieraaj Naidu, Director - National Cyber Security Research Council,



Cyber & Digital Forensics Awareness Initiative

Glimpses of Inauguration of News Coverage SURYADATTA NATIONAL CYBER RESOURCE CENTER (SNCRC) of National Cyber Security Research Council



लोकमत

राष्ट्रीय सायबर संसाधन केंद्राचे आज उद्घाटन होणार

लोकमत न्यूज नेटवर्क

पुणे : सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्नित 'सूर्यदत्त इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिक्युरिटी' या संस्थेमध्ये राष्ट्रीय सायबर संसाधन केंद्राची स्थापना केली आहे. याचे उद्घाटन बुधवारी (दि. ९) सकाळी १० वाजता 'सूर्यदत्त'च्या खातधन केंद्रासमोरील होणार आहे.

नवी दिल्ली येथील राष्ट्रीय सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांची प्रमुख उपस्थिती लाभणार असून अध्यक्षस्थानी प्रा. डॉ. संजय बी. चोरडिया असतील. नॅशनल सायबर सिक्युरिटी रिसर्च कौन्सिल अर्थात राष्ट्रीय सायबर संशोधन परिषदेच्या सहयोगाने हे केंद्र सुरू करण्यात येत आहे.

THE TIMES OF INDIA

Cyber centre inaugurated

Pune: The Suryadatta International Institute of Cyber Security recently inaugurated the national cyber resource centre at its Bavdhan campus on Monday. The initiative, set up with the approval of the National Cyber Security Research Council, New Delhi, aims to produce global-level cybersecurity professionals and promote public awareness of cyber safety. TNN

जागतिक दर्जाचे सायबर तज्ञ घडविण्यावर 'सूर्यदत्त'चा भर

पुणे : सायबर सुरक्षा संशोधन केंद्राचे उद्घाटन होत आहे. यावेळी सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांची प्रमुख उपस्थिती लाभणार असून अध्यक्षस्थानी प्रा. डॉ. संजय बी. चोरडिया असतील. नॅशनल सायबर सिक्युरिटी रिसर्च कौन्सिल अर्थात राष्ट्रीय सायबर संशोधन परिषदेच्या सहयोगाने हे केंद्र सुरू करण्यात येत आहे.

राष्ट्रीय सायबर संसाधन केंद्राचे आज उद्घाटन

म. टा. प्रतिनिधी, पुणे

सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्नित 'सूर्यदत्त इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिक्युरिटीमध्ये

(एसआयआयएससी) राष्ट्रीय सायबर संसाधन केंद्राची स्थापना करण्यात आली आहे. राष्ट्रीय सायबर संशोधन परिषदेच्या सहयोगाने हे केंद्र सुरू करण्यात येत आहे. ही संस्था देशभरातील शैक्षणिक संस्थांशी मंडूकार्य करून सायबर जनजागृती, जिटल सुरक्षिततेचा प्रचार आणि

विकासासाठी कार्य करते.

या सायबर संसाधन केंद्राचे उद्घाटन आज, बुधवारी (नऊ जुलै) सकाळी १० वाजता पोलिस आयुक्त अमितेशकुमार यांच्या हस्ते होणार आहे. नवी दिल्ली येथील राष्ट्रीय सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू प्रमुख पाहुणे म्हणून आणि सूर्यदत्त एज्युकेशन फाउंडेशनचे संस्थापक अध्यक्ष डॉ. संजय चोरडिया कार्यक्रमाचे अध्यक्षपद भूषवतील. येथे प्रमाणपत्र अभ्यासक्रम, परिसंवाद, कार्यशाळा आणि प्रशिक्षण सत्रांचे आयोजन केले जाईल.

सायबर गुन्हे रोखण्यासाठी नागरिकांचीही जबाबदारी : डॉ. ई. नायडू

पुणे, ९ मे: सायबर गुन्हे रोखण्यासाठी नागरिकांचीही जबाबदारी : डॉ. ई. नायडू. यांनी सायबर सुरक्षा संशोधन परिषदेचे संचालक म्हणून कार्यरत असताना याबाबतचे मत व्यक्त केले. यावेळी सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांनी सायबर सुरक्षा संशोधन परिषदेचे संचालक म्हणून कार्यरत असताना याबाबतचे मत व्यक्त केले.

सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांनी सायबर सुरक्षा संशोधन परिषदेचे संचालक म्हणून कार्यरत असताना याबाबतचे मत व्यक्त केले.



राष्ट्रीय सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांनी सायबर सुरक्षा संशोधन परिषदेचे संचालक म्हणून कार्यरत असताना याबाबतचे मत व्यक्त केले.

‘सायबर सुरक्षेसाठी एकत्र काम गरजेचे’

राष्ट्रीय सायबर संसाधन केंद्राचे उद्घाटन

म. टा. प्रतिनिधी, पुणे

प्रमाणपत्र अभ्यासक्रम, कार्यशाळांचे आयोजन



या वेळी सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांनी सायबर सुरक्षा संशोधन परिषदेचे संचालक म्हणून कार्यरत असताना याबाबतचे मत व्यक्त केले.

पुणे, गुवाहाटी ३० जुलै २०२५

bhaskarhindi.com

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सूर्यदत्त से निर्माण होंगे विश्व स्तर के साइबर एक्सपर्ट्स

राष्ट्रीय साइबर संसाधन केंद्र का उद्घाटन

भास्कर न्यूज, पुणे

आज सकाळी पुणे येथील सायबर सुरक्षा संशोधन केंद्राचे उद्घाटन होत आहे. यावेळी सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांनी सायबर सुरक्षा संशोधन परिषदेचे संचालक म्हणून कार्यरत असताना याबाबतचे मत व्यक्त केले.

नवराष्ट्र

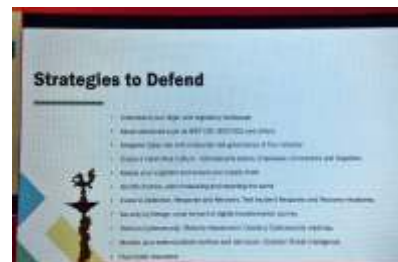
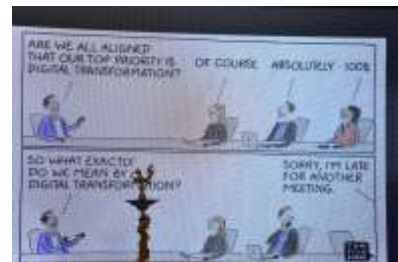
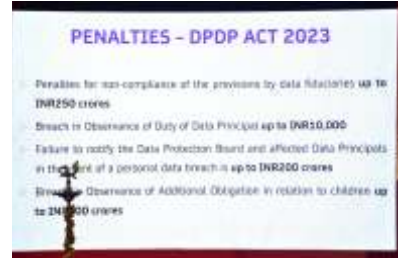
www.navarashtra.com

पूर्वतयारी • 'सूर्यदत्त'मध्ये इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिक्युरिटी सेंटर सुरू

सायबर गुन्हे रोखण्यासाठी राष्ट्रीय केंद्र

पुणे, ९ मे: सायबर सुरक्षा संशोधन केंद्राचे उद्घाटन होत आहे. यावेळी सायबर सुरक्षा संशोधन परिषदेचे संचालक डॉ. ई. खालियाराज नायडू यांनी सायबर सुरक्षा संशोधन परिषदेचे संचालक म्हणून कार्यरत असताना याबाबतचे मत व्यक्त केले.

Ushering Cyber World



Alumni Meet & Success Story



Mr. Tanmay More
B.Sc.CDS (Batch 2020-23)
Cyber Security Intern at
Cyberdosti Government of India



Mr. Prathamesh Dabir
B.Sc.CDS (Batch 2020-23)
Security Operation Intern at
Safe Security, Bengaluru, Karnataka



Mr. Kunal Shriram Donge
B.Sc.CDS (Batch 2020-23)
Founder of KSD Techno Geek &
Cyber Security Consultant, Baskaran Associates
LLP & Exordium EXC Solutions Pvt. Ltd.



Mr. Kunal Gavande
B.Sc.CDS (Batch 2021-24)
Pursuing Masters in
Computer Science at Germany



Mr. Kshitij Yogeshsing Thakur
B.Sc.CDS (Batch 2021-24)
Commissionerate Cyber Cell,
Nagpur Police

Co-Curricular Extra Curricular Activities

SIICS believes extracurricular activities are great for overall development during academic, cultural, knowledge, experience humanity, holistic and soft skills development. Participating in various team-based activities can inculcate teamwork in the students.

Such activities help students build their skills outside the classroom.

Such Innovative and fun-based activities are always appreciated and enjoyed by SIICS students.



Swami Vivekanand Jayanti



Meri Mitti, Mera Desh



Cultural Day



Celebrities Interaction with Students



Clean India Green India



How to be Successful in Corporate World
by BK Shaktiraj,
Motivational Speaker,
International Mind Trainer, Life Coach



Suryadatta National Conclave on Gandhian Philosophy from Dr Shri Kumar Saptrishi ji & Dr. Shripal Sabnis



Cycle Distribution



Cyber Lab Visit



Navaratri Celebration



Industry Visit



Hackthon Achievers

B. Sc. Cyber & Digital Science Unique Program Launch First Time In India

सुवात

'बीएससी इन सायबर.. 'ला सुरुवात

पुणे : सुर्यदाता एज्युकेशन फाउंडेशनच्या सुर्यदाता इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिब्युरिटीअंतर्गत 'बीएससी इन सायबर अँड डिजिटल सायन्स प्रोग्रॅम' या अभ्यासक्रमाचा प्रारंभ सावित्रीबाई फुले पुणे विद्यापीठाचे कुलगुरू डॉ. नितीन करमळकर यांच्या हस्ते व्हर्च्युअल पद्धतीने झाला. या वेळी एअरमार्शल (निवृत्त) भूपण गोखले, गैसिया आयटी असोसिएशनचे सरसचिव अनुपम भटनागर, 'सुर्यदाता'चे संस्थापक अध्यक्ष डॉ. संजय चोरडिया, सल्लागार सचिन इटकर, कार्यकारी संचालक शैलेशा कासंडे, प्रा. एस. रामचंद्रन, प्रा. डॉ. प्रतीक्षा चावळे, प्रा. सुनील धाडीवाल आदी उपस्थित होते.

THE TIMES OF INDIA

Sign up for a BSc in cyber & digital science

The Suryadatta Group of Institutions launched a new course last week -- Bachelor in Science (BSc) in Cyber and Digital Science. India's priorities have digital as an integral aspect of all key initiatives -- Digital India, smart city projects and more. Sanjay Chordia, founder & president of the Suryadatta Group of Institutions said, "Technology is indispensable in personal,

cybersecurity vacancies in India. For details, log on to: www.sos.org / www.suryadatta.org Admission process: Via SGUCAT (schedule available on website) Eligibility: The students who have passed Higher Secondary School Certificate (10+2) or its equivalent examination with English OR have a three-year Diploma course of the board of technical education conducted by the government of Maharashtra or its equivalent OR Higher Secondary School Certificate (10+2) with English and the vocational subject of +2 level (MCVC) can seek admissions to the programme

COURSE WATCH

social, organizational and even governmental functioning and development."

According to the Internet Crime Report of the Federal Bureau of Investigation, India stands third among the top 20 countries in the world in terms of Internet crimes. Cybersecurity Ventures predict that there will be 3.5 million cybersecurity jobs globally by 2025, up from 1 million openings in 2014. There are currently around 30,000

Curriculum: Subjects include Computer Science and Problem Solving, Computing Devices, Ethical Hacking, Python Programming and more Career Options: Typical job roles would be as Chief Information Security Officer, IT Director, IT Security Director, IT Manager, IT Security Manager, Security Architect/Engineer and the likes



SPPU vice chancellor Nitin Kumalkar (third from right) inaugurates the first batch of the BSc course

जयभारत

'टेक्नॉलॉजिकल डिस्ट्रिप्शन्स' रोकने सायबर विशेषज्ञांची जरूरत

सुर्यदाता एज्युकेशन फाउंडेशनच्या सुर्यदाता इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिब्युरिटीअंतर्गत 'बीएससी इन सायबर अँड डिजिटल सायन्स प्रोग्रॅम' या अभ्यासक्रमाचा प्रारंभ सावित्रीबाई फुले पुणे विद्यापीठाचे कुलगुरू डॉ. नितीन करमळकर यांच्या हस्ते व्हर्च्युअल पद्धतीने झाला. या वेळी एअरमार्शल (निवृत्त) भूपण गोखले, गैसिया आयटी असोसिएशनचे सरसचिव अनुपम भटनागर, 'सुर्यदाता'चे संस्थापक अध्यक्ष डॉ. संजय चोरडिया, सल्लागार सचिन इटकर, कार्यकारी संचालक शैलेशा कासंडे, प्रा. एस. रामचंद्रन, प्रा. डॉ. प्रतीक्षा चावळे, प्रा. सुनील धाडीवाल आदी उपस्थित होते.

सुर्यदाता कॉलेजमधील 'बीएससी इन सायबर अँड डिजिटल सायन्स' च्या पहिल्या वॉचचे उद्घाटन



सुर्यदाता कॉलेजमधील 'बीएससी इन सायबर अँड डिजिटल सायन्स' च्या पहिल्या वॉचचे उद्घाटन

संक्षेपा

'टेक्नॉलॉजिकल डिस्ट्रिप्शन्स' रोखण्यासाठी सायबर तज्ज्ञांची आवश्यकता

सुर्यदाता एज्युकेशन फाउंडेशनच्या सुर्यदाता इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिब्युरिटीअंतर्गत 'बीएससी इन सायबर अँड डिजिटल सायन्स प्रोग्रॅम' या अभ्यासक्रमाचा प्रारंभ सावित्रीबाई फुले पुणे विद्यापीठाचे कुलगुरू डॉ. नितीन करमळकर यांच्या हस्ते व्हर्च्युअल पद्धतीने झाला. या वेळी एअरमार्शल (निवृत्त) भूपण गोखले, गैसिया आयटी असोसिएशनचे सरसचिव अनुपम भटनागर, 'सुर्यदाता'चे संस्थापक अध्यक्ष डॉ. संजय चोरडिया, सल्लागार सचिन इटकर, कार्यकारी संचालक शैलेशा कासंडे, प्रा. एस. रामचंद्रन, प्रा. डॉ. प्रतीक्षा चावळे, प्रा. सुनील धाडीवाल आदी उपस्थित होते.

नवराष्ट्र

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प्रभात

'टेक्नॉलॉजिकल डिस्ट्रिप्शन्स' रोखण्यासाठी सायबर तज्ज्ञांची गरज

सुर्यदाता एज्युकेशन फाउंडेशनच्या सुर्यदाता इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिब्युरिटीअंतर्गत 'बीएससी इन सायबर अँड डिजिटल सायन्स प्रोग्रॅम' या अभ्यासक्रमाचा प्रारंभ सावित्रीबाई फुले पुणे विद्यापीठाचे कुलगुरू डॉ. नितीन करमळकर यांच्या हस्ते व्हर्च्युअल पद्धतीने झाला. या वेळी एअरमार्शल (निवृत्त) भूपण गोखले, गैसिया आयटी असोसिएशनचे सरसचिव अनुपम भटनागर, 'सुर्यदाता'चे संस्थापक अध्यक्ष डॉ. संजय चोरडिया, सल्लागार सचिन इटकर, कार्यकारी संचालक शैलेशा कासंडे, प्रा. एस. रामचंद्रन, प्रा. डॉ. प्रतीक्षा चावळे, प्रा. सुनील धाडीवाल आदी उपस्थित होते.

महाराष्ट्र टाइम्स

सायबर सायन्सचा कोर्स सुरू

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कृती

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नवराष्ट्र

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पुणे, शुक्रवार 15 मार्च 2024

देश का हर व्यक्ति साइबर साक्षर होना आवश्यक

[illegible][illegible]

इसके साथ ही 'मार्गदर्श' के अधिकांश ज्ञान ही प्रयोग लाभने, विभिन्न प्रमुख ज्ञान ही मूल्य बुझा आदि उपस्थित है.

प्रत्येकाने सायबर साक्षर असणे आवश्यक
सायबर सुरक्षा क्षेत्रातील तज्ज्ञांचे मत; सूर्यदत्त इन्स्टिट्यूटमध्ये परिषद

पुणे, ता. १७ : "इतरनेतृत्वा
हत्त्या कायामुळे सायबर सुरक्षा ही
आपल्या गाज बनली आहे. आर्थिक
पयवाहात असून मनोरंजनार्थ
केवळ सायबर विश्वावर अवलंबून
रहिले. तबू राष्ट्र आणि नेतृत्वा
परंपरिक युद्धाशिवाय सायबर हत्त्याचा
आर्थिक वापर करत आहेत. त्यामुळे
राष्ट्राचा सुरक्षिततेसाठी प्रत्येक
पक्षी सायबर साक्षर असणे गरजेचे
होते." असे मल सायबर सुरक्षा
प्रादेशिक तज्ज्ञांनी व्यक्ता केले.

सुर्यदेव इंटरनॅशनल इन्स्टिट्यूट
ऑफ सायबर सिक््युरिटीतर्फे सायबर
सुरक्षेकरिता तिसरी आंतरराष्ट्रीय परिषद



शावधन, पुणे : सूर्यदत्त इंटरनॅशनल इन्स्टिट्यूट ऑफ सायबर सिक्युरिटीतर्फे आयोजित तिसऱ्या अंतरराष्ट्रीय सायबर सुरक्षा परिषदेसाठी उपस्थित मान्यवर आणि विद्यार्थी.

मुकतांच पार पडली. या परिषदेत 'इंटरनेट विश्व, सायबर हत्ता आणि सायबर सुरक्षा' या विषयावर ठरविलेली

विचारमंथन केले.
संगणकतज्ञ डॉ. दीपक
शिकारपूर, 'सूर्यदत्त'चे संस्थापक

अध्यक्ष प्रा. डॉ. संजय कोरडिया, आंतरराष्ट्रीय साक्षर मुरादा सल्लागार डॉ. नवीन कोरडे, संचयन सचिवद्वितीय कॉर्पोरेशन डॉ. हीरलाल डिकोयटा, अ.ड. राखस पिण्डे, डा.खानेन अन्मदरी, अ.ड. के. फिरोज, 'सकाळ'चे शिनिविल करस्पॉन्ड अजित सावळे, सहस्यक्ष पोलिस निरीक्षक सागर पावने, 'सूर्यदंत'चा अधिष्ठाता प्रा. डॉ. प्रतीक्षा वावळे, विभागाध्यक्ष प्रा. डॉ. मन्वी कुंभार यांनी या परिषदेत मार्गदर्शन केले. या परिषदेत विद्यार्थ्यांचा चांगला प्रतिसाव लाभला.

Pune, Pune-Today
18/03/2024, Page No. 4

देश का हर व्यक्ति साइबर साक्षर एवं सुरक्षित होना चाहिए ; साइबर विशेषज्ञ की राय

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मुद्रित होने से लेकर सभी चलेने लगा
सबका समय और खुद का एक खिड़की
समय बना। इस वक़्त में भी लोग
जिन्दा प्यार लगाते थे। उनका बड़ा सारा
समय मुझा मनसुबों के नाम में लगा
करता था। मैं जीवित सभ्यता की
समस्या मुझ पर 'मुद्रित' के पाठकों
बताने कीजिए। मैं, मुझ की, जोड़िए
ने कहा, 'कभी तो इन्टरनेट जोड़िएगा उन
समय का जोड़िए।' उनका नाम था कोई
इन्टरनेट की दुनिया में मुझ के जोड़िए
समय सारा 'मुद्रित' कि देश में जोड़िए
समय सारा था जिसका जोड़िए। जोड़िए
जान से जगहन होकर 'मुद्रित' ने देश में
समय था। मुझा मुझा जगहन
समय सारा मुझा मुझा।

सायबर साक्षरता, सायबर तज्ज्ञ घडविण्यासाठी 'सूर्यदत्त'चा पढाकार : प्रा. डॉ. संजय बी. चोरडिया

▶ **पुष्प (बी. बी. बी.)**

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विद्यार्थ्यां पदवी देण्याची सुरुवात देहलीकरांनी पौरोही समारंभात

डॉ. रावसा निदेशू पायलगे, 'मॉडर्नलिसम' डेव्हिडन जेव्हान अस्तम, डॉ. लक्ष्मण देविकाजी पोथला इत्यादींनी प्रस्तावना केली. युनिव्हर्सिटी मंत्रालयातील सचिव हनुमान् चव्हाण अखेर देवस्थाने सादर करून मुखेली वंदन करीत उरले. हिंदू समाजातील विविध कुलोपाध्याय सादर करून डॉ. रावसा निदेशू पायलगे यांनी प्रस्तावना केली.

डॉ. रावसा निदेशू पायलगे, डॉ. अस्तम देविकाजी पोथला इत्यादींनी विविध प्रश्नांची प्रत्युत्तर देण्यासाठी प्रश्नोत्तर सत्रही आयोजित केले. प्रश्नोत्तर सत्रात

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2014-15 INTERNATIONAL STUDENT EXCHANGE PROGRAM

અમી દરબારેલા વાચક ડોનેટ, જેમે પ્રભાસ સારાજી દરબારજી સુભાષી ડોનેટ વાચકોને સ્વાગત મુકેશભાઈ સારાજી આમતે.

ડો. નરેન જીભી શખરે, શિટાવળી સારાજી તરફ ન તુલાસાંકર નરેનજી ની શિક્ષક સંભાળે જી સરખરજી આરે. શિટાવળી આજનારે પરાંતરજી શિતરે પેલે કિલે આરે. તરબરજી જાલન સારાજી કાજાનારે મુશીકી શુભાષી આરે. સારાજી કોળે શિક્ષક પેલે પાંડેને જાલો પેલેને જી વાચકે આરે.

સપા સરખર સારજી, શીસા રીંધવાવા આજરજી તરબર આરે. શીસાંવળી શિટાવળી

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Ex-serviceman loses ₹1cr in online job scam

A 64-year-old ex-serviceman has lost his savings, retirement benefits and borrowings, collectively amounting to Rs 1 crore, to cyber crooks in an "earn on online task" fraud. Though the fraud took place between February 13 and 26, the Hadapsar resident lodged a complaint with the Pune cyber police only earlier this week. **P2**

Two techies, student lose ₹54L to lure of making a quick buck

Mihir Tanksale & Asseem Shaikh / IANS

Pune: Two software engineers from Dehu Road and Wagholi, and a business administration student from Dighi lost a total of Rs 54.3 lakh to the lure of making money from online tasks.

In the Dehu Road case, a 36-year-old software engineer, who lost Rs 35 lakh to crooks, had responded to a text he had received in December, which offered money for writing movie reviews. "The victim was asked to join a group on a messenger app and was given a few tasks for which he received money," Inspector Digmatar Suryawanshi of Dehu Road police said.

"Having gained the victim's confidence, the crooks then asked him to go for some pre-paid tasks to make more money. Initially, the techie invested small amounts and got returns. Later, he started investing more and even diverted a home loan amount for this. Till April 17, he ended up investing Rs 35.31 lakh and was later left in the lurch by the crooks," Suryawanshi said.

A 33-year-old techie from Wagholi lost Rs 17.44 lakh between April 12 and 19 after crooks sent him a text offering a part-time job to write

reviews on Google Maps. "The victim was promised a commission between Rs 3,000 and Rs 8,000 per day," Inspector (crime) Maruti Patil of the Lonikand police said. The modus operandi used in this case was similar to that of the Dehu Road case.

Investigation revealed that the amounts transferred by the victim went to four bank accounts in Delhi and Hyderabad, and the crooks used a cell phone with a bogus identity he said.

In the third case, a 20-year-old second-year business administration student from Dehu Phata lost Rs 1.6 lakh in 'like video and earn' fraud between April 20 and 23.

Senior inspector Machhindra Pandit said that while searching for jobs online, the student came across an ad that promised earnings from home. "She clicked on the link and was told to join a group and complete a few tasks," Pandit said. "The crooks told her to invest in cryptocurrency for more profit and she transferred Rs 1.59 lakh. The student told us that she was unable to withdraw her earnings despite seeing it on the app. Realising she had been tricked, she approached the police."

Techies fall for cybercrimes, lose over ₹60L

Three software professionals have approached the Pune police with complaints of being cheated by online task scammers. In the first case, a Wadgaonsheri-based techie alleged that she had been duped of Rs 38.4 lakh in just two days. Two techies from Wakad collectively lost over Rs 22 lakh to cyber crooks in separate cases. While one lost almost Rs 19 lakh, the other lost close to Rs 3.5 lakh.

Cases of cryptocurrency and online insurance premium scams were also reported in the city on Sunday. **P2**

Software professional loses ₹28L in crypto investment fraud

Gitesh Shelke @timesgroup.com

Pune: A 45-year-old woman techie was allegedly duped of Rs 28.3 lakh by online fraudsters between September last year and March on the pretext of handsome returns on cryptocurrency investments.

The cyber crime branch of the Pune police is investigating the case.

"The victim's phone number was added to a group on an internet-based messaging app where members discussed different types of cryptocurrencies and the profits derived from them. This interested the complainant, who then contacted the fraudsters on the messaging app," Inspector Kumar Ghadge of the cyber police told TOI.

"The scammers then asked the complainant to download an online cryptocurrency exchange on her phone and asked her to buy cryptocurrencies from it. She did as she was instructed by the fraudsters and bought cryptocurrency from them for a couple of

months," he added.

According to the police inspector, the complainant also paid "taxes and fees" to the fraudsters expecting a rich dividend on her investments.

"In the process, she ended up transferring a total of Rs 28.3 lakh to them, bit by bit. Upon requesting returns, she was asked to pay even more money. The victim exhausted her savings and availed a personal loan from a bank to ensure investment in cryptocurrency," Ghadge said.

"However, the scammers kept demanding more money from her, making the complainant suspicious. She then approached us," he added.

The police said that they are examining the details of the exchange which the woman used to buy cryptocurrency and are trying to establish a money trail.

"It is likely that the fraudsters are based and operate out of a foreign country," Ghadge said.

Bizman blackmailed for ₹17.5L, lawyer held & woman booked

Rape Charge Threat Made Victim Pay Up

TIMES NEWS NETWORK

Pune: A lawyer (CS) was arrested on Wednesday and a woman was booked on the charge of blackmailing and extorting Rs 17.5 lakh from a food packaging businessman since August last year.

Senior inspector Arvind Gokule of the Hadapsar police on Thursday said, "The woman got friendly with the businessman at a mall in Hadapsar and told him that she had shifted to Pune from Mumbai for opening an office here. She then started chatting with him on a social networking site. She later met him in a hotel and invited him to her house for some business-related work. She clicked some photographs with him before asking him to leave her place. The businessman then blocked her phone number."

He said, "The woman's lawyer later called the businessman to a coffee shop in Magar-

CASES ON THE RISE

Sexortion cases in the city have more than doubled in the last 2 years

2021 662 Complaints

2022 1,393

Defected cases remain negligible

From 2021 0 From 2022 3

Cops said several criminals presented in court for cyber crimes have been found to hail from Ahmed, Bhopal and other parts of Rajasthan

66 Elderly persons or youngsters should not take calls from strangers, more so if it is a video call. These are generally sextortion calls. If someone asks one to undress on a call, do not do so. Do not transfer money to fraudsters. The victims should approach the police without wasting any time

— Meenal Patil / JODHA

INSPECTOR, PUNE CYBER POLICE

He lodged a case of cheating, criminal intimidation and forgery," Gokule said.

Sub-inspector Digmatar Sonakhe, who is investigating the case, said, "The complainant on Wednesday evening informed us that the lawyer had called him to a particular place in Hadapsar for collecting more money. We laid a trap and took the lawyer into custody. We are in the process of recovering the money from him. The woman would be arrested soon."

Worrying Rise In Cybercrimes In City; IT Professionals Among Most Common Victims

3 techies cheated of over ₹60 lakh in separate part-time online job scams

In One Case, Police Manage To Recover ₹8L

Gitesh Shelke & Mihir Tanksale / IANS

Pune: Software professionals in the city are falling prey to online part-time job scams and losing money in lakhs. Currently, the cyber police in the city are investigating multiple cases of techies being lured with promise of easy money and then cheated of their savings.

In one of these cases, a techie alleged that she had been duped of Rs 4 lakh in two days.

WEB TRAP

PROMISING EASY MONEY

Cyber crooks are taking advantage of people's desire to make a fast buck by offering fraudulent job opportunities, such as paying ₹50 for liking a video.

These cyber criminals often contact their targets on social media platforms like WhatsApp, Facebook or LinkedIn and promise easy money.

They often take personal information and may even ask the victims to make additional payments in exchange for access to non-existent jobs.

The scammers often pretend to represent global internet or social media firm that the victim may not have heard of.

To trap their targets, they even pay small amounts for the first few "tasks".

But later, they ask their victims to upgrade their membership to get access to better-paying jobs

PREMIUM FRAUD

There are also cyber crooks who steal money by posing as insurance firm agents.

They convince their targets to make premium payments for insurance schemes that do not actually exist.

They do not issue policy documents.

Often, the victims keep making payments year after year, only to realise at the time of policy maturity that there never was a genuine scheme.

RECENT CASE: A techie from Wadgaonsheri alleged that she had been duped of ₹38.4 lakh in just two days. She said the online fraudsters duped her between April 4 and 6 by promising handsome income from performing online tasks.

On the first day, the crooks paid the techie some money. However, over the next two days, they started asking her to pay taxes as well as to upgrade her account. She said this would enable her to make more money through the part-time job. The techie agreed to their new plan, and the fraudsters gave her details of a bank account. She transferred ₹38.4 lakh to the account, exhausting all her savings — Meenal Patil / JODHA

Woman techie loses ₹40L in online job con

TIMES NEWS NETWORK

Pune: A 33-year-old woman software engineer has become the latest victim of part-time online job bait, losing all her savings of Rs 39.70 lakh to cyber-crooks.

The woman on Tuesday and filed a complaint with the Sangvi police. Inspector Sunil Tambe of the Sangvi police told TOI

Ex-Ranji cricketer held for ₹12L fraud

Mumbai cyber police have arrested ex-AP Ranji player Nagaraju B for allegedly impersonating Andhra CM Jagan Reddy and getting Rs 12 lakh "sponsorship for a young cricketer" from the MD of an electronic goods chain. He has confessed to having duped over 60 corporate houses of Rs 3 crore so far. **P3**

Latest News Related to Cyber Fraud & Digital Science

70% rise in cyber cheating cases, but no plans for small frauds wing: Dy CM

Chaitanya Marpakwar
@timesgroup.com

Mumbai: The Maharashtra government on Friday said that cyber fraud and cheating cases in the state saw a 70% rise in 2022 over 2021. However, deputy chief minister Devendra Fadnis said there was no proposal to set up a Small Frauds Wing on the lines of the Economic Offences Wing to tackle such cases.

He was responding to questions raised by MLAs Vi-

jay Girkar, Praveen Darekar, Ramesh Patil, Manisha Kayande, and Niranjan Davkhari in the Legislative Council.

"Last year till November, 4,286 cases of cyber cheating were reported. This is a 70% rise compared to the cases in the same period in 2021. In Mumbai, there were 1,294 cases of credit card and online cheating frauds but out of them only 37 cases have been detected. A total of 2,216 cases of online fraud related to gifting, shopping, jobs, in-

surance, college admissions, investments, crypto currency and loan have been registered. Out of these, 132 cases have been solved. Out of the 4,286 cases of cyber fraud registered, till November 2022, only 279 cases have been solved," Fadnis told the Legislative Council.

He said five cyber police stations have been set up at the regional level in Mumbai to keep a check on rising cases of cyber cheating and online fraud. To ensure cyber cases are detected faster, a

cyber laboratory has been set up and advanced technology has been made available to police stations, he said.

Experts, however, said the official numbers may not even be a fair indicator of total crimes committed in cyberspace. The surge in 2022 is a result of more complaints being converted into FIRs. Job frauds, crypto investments, insurance swindles, sextortion and electricity bill cons are among leading categories of cyber offences that are on the rise.

Techie falls for clickbait, loses ₹22 lakh to crooks

Tanya News Network

Pune: A 28-year-old software engineer from Wakad was duped of ₹22 lakh by cybercrooks. They lured her by claiming that she could earn ₹1.5 lakh in a few hours by completing online tasks.

Between March 2 and March 14, the woman made 17 online transactions to the UPI account numbers provided to her by the crooks. She realised that she had been duped only after she almost emptied her bank balance and did not get any returns.

Senior Inspector Vinay Munglikar of the Hingurkoppa police told TOI the woman works with an online company in Bham. On March 2, she received a message on her smartphone, which stated that she could earn money by working part-time. "The notice was told that she would be given four tasks of 'liking video' and provided her 30 pin codes to login for each video like," Munglikar said.

THE MODUS OPERANDI

The crooks usually target women who have recently started their careers on online job portals.

They offer these techies a part-time job by promising that they can earn lots of money by just clicking of links and without affecting their current jobs.

When the techie accepted the offer, she was added to a group on a social media platform, and sent a few video links. "She opened the links, liked the video and sent some money to a woman who had contacted her. The woman returned her ₹1,000 for completing this task," Munglikar said.

The techie was then told that future tasks would be provided, for which she would have to send them money. She was promised "good returns" on it. "When the woman transferred ₹1.5 lakh, the crooks sent

her ₹1,000 in return and got her her confidence," Munglikar said. The techie then kept transferring money on the social media platform.

"She did not get any return on the ₹1.5 lakh she transferred. She was duped," Munglikar added. He said that within 12 days, the woman had transferred ₹22 lakh. "The techie came to me on Wednesday and filed a complaint. The crooks were contacting her from international numbers. We have sought details of the transactions from the bank," he said.

Man duped of ₹12L by crooks who promised ₹50 per review

Tanya News Network

Pune: A 47-year-old retired from Rajawadekar lost ₹12 lakh to cybercrooks in an online task fraud between March 12 and 14.

An officer from the Shivajinagar police said the complainant is working with a private company.

On March 12, he received a call from an unknown person who told him about a part-time job that he could do by clicking on links. "The caller told the victim to complete a few tasks of posting reviews on a website and promised ₹50 per review," the officer said.

The officer then took the complainant's bank details and told him to transfer ₹12 lakh to a woman who had contacted him through a link. According to the complainant, he transferred ₹12 lakh through his bank account. "We have sought details of the transactions from the bank," he said.

Techie falls for clickbait, loses ₹22 lakh to crooks

TOI report on March 24, 2023

THE MODUS OPERANDI

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Lawyer duped of ₹56L by cyber crooks over insurance

Gitesh Sheth@timesgroup.com

Pune: A 62-year-old lawyer from Parvati has lodged a complaint with the cyber police after she was duped by online crooks of ₹56.7 lakh between 2014 and 2021, over insurance premiums.

They tricked her by way of getting her to pay the premiums for an online life insurance policy and then denied her the deposit with allied benefits when she decided to close the policy. The woman had approached the cyber police with her complaint last month and after verification they registered an FIR on Saturday. She told the police that the fraudsters had contacted her posing as executives from a private bank. She did not receive any documents of policy.

Inspector Kumar Ghadge of the cyber police told TOI, "The lawyer had taken the insurance policy after receiving a text message in 2014. A man contacted her, claiming to be a representative of a private bank and discussed the policy details with her."

According to the lawyers complaint, once she agreed to subscribe to the policy and the caller sent her some bogus documents to her. Believing it to be true, she kept making payments till 2020. Ghadge added, "In 2021, she decided to withdraw the sum by closing the policy and tried to contact the number mentioned on the document but no one responded. The woman then went to the bank with the policy printouts. There she realised that she had been cheated, after which she approached the police."

Engineer falls for 'like video & earn' lure, loses ₹9 lakh

Arjun Zambade@timesgroup.com

Pune: A 32-year-old software engineer from Parvati has been duped of ₹9 lakh in a fraud related to online tasks. The crooks lured him by promising that he could earn ₹1.5 lakh in a few hours by completing online tasks.

Between March 2 and March 14, the woman made 17 online transactions to the UPI account numbers provided to her by the crooks. She realised that she had been duped only after she almost emptied her bank balance and did not get any returns.

Senior Inspector Vinay Munglikar of the Hingurkoppa police told TOI the woman works with an online company in Bham. On March 2, she received a message on her smartphone, which stated that she could earn money by working part-time. "The notice was told that she would be given four tasks of 'liking video' and provided her 30 pin codes to login for each video like," Munglikar said.

The techie was then told that future tasks would be provided, for which she would have to send them money. She was promised "good returns" on it. "When the woman transferred ₹1.5 lakh, the crooks sent

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"She did not get any return on the ₹1.5 lakh she transferred. She was duped," Munglikar added. He said that within 12 days, the woman had transferred ₹22 lakh. "The techie came to me on Wednesday and filed a complaint. The crooks were contacting her from international numbers. We have sought details of the transactions from the bank," he said.

The officer then took the complainant's bank details and told him to transfer ₹12 lakh to a woman who had contacted him through a link. According to the complainant, he transferred ₹12 lakh through his bank account. "We have sought details of the transactions from the bank," he said.

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Techie duped of ₹17.3 lakh in 'earn from online task' fraud

Arjun Zambade@timesgroup.com

Pune: A 36-year-old software engineer was duped of ₹17.3 lakh in a fraud relating to a part-time job of earning from performing online tasks.

The fraud happened between March 2 and April 12. The complainant works at a software company in Hingurkoppa. She stated in her complaint that on March 20 she got a call from a person who offered her a part-time job, the police said. She was told to open a profile on an instant messaging service platform and invest in online tasks.

She transferred ₹17.3 lakh to the account numbers provided to her, the officer said. "In total, the woman transferred ₹17.3 lakh. Her profile account on the messaging service platform showed that she had earned ₹10 lakh from her investments," the officer said. But every time she tried to

WHAT HAPPENED?

March 20: Techie gets a call from a person who offers her a part-time job of earning from performing online tasks.

March 20: The caller's company would invest her money in bitcoins, says complainant.

April 1: She transfers ₹17.3 lakh to the account numbers provided to her, the officer said.

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Multiple Career Opportunities For Students Through Multi Disciplinary Integrated NEP Compliant Campus

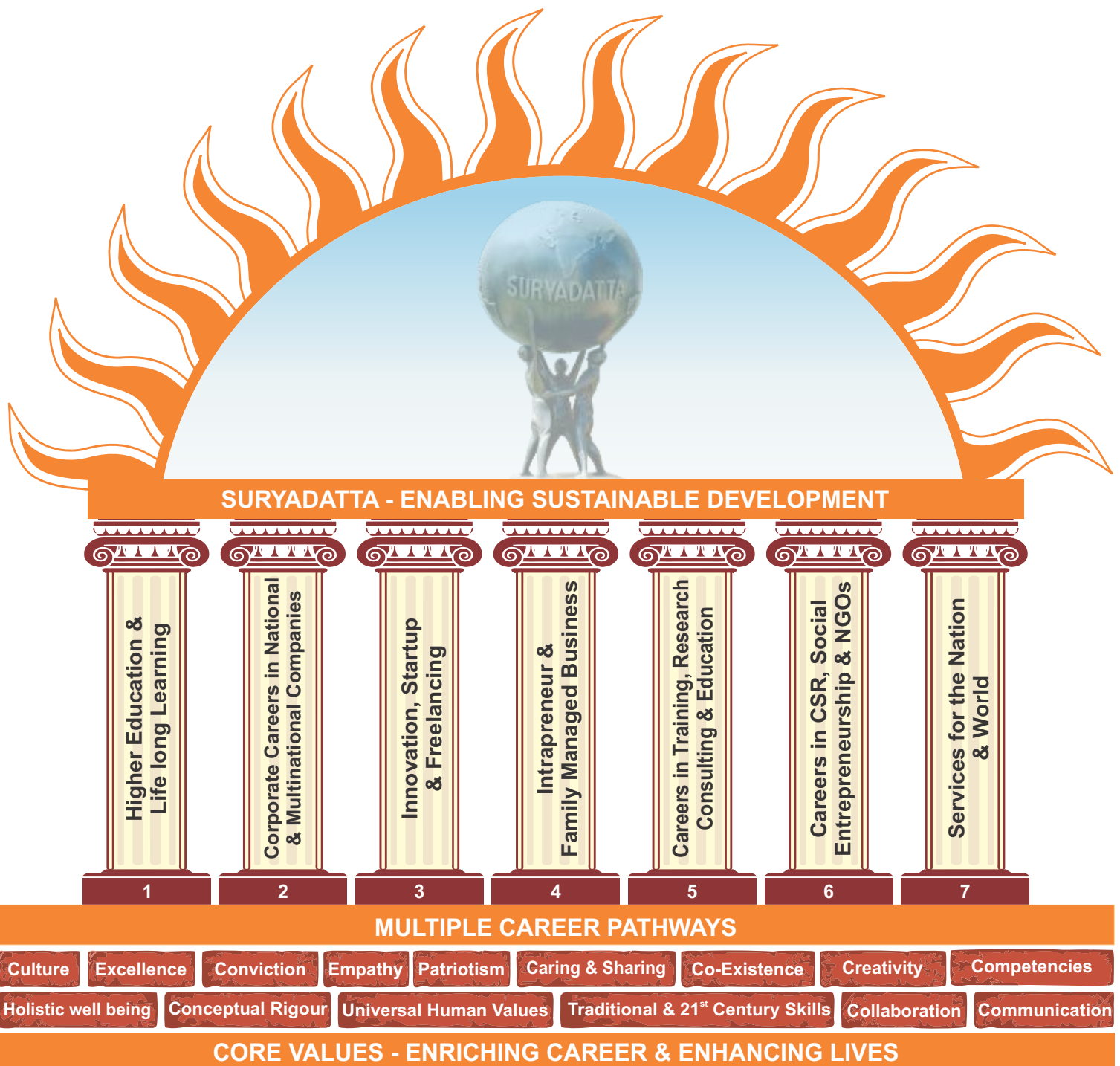
Outcomes / Career after UG / PG @ Suryadatta

For
Details
Scan



7 Pillars of Multiple Career Pathways - The Guiding Principle

Suryadatta believes in transforming educational experience. Various activities are offered round the year for holistic development of students leading to the 7 pillars of Multiple Career Pathways.



Blended Learning Ecosystem at Suryadatta



Traditional face to face classroom learning & modern online learning with digital tools

During the uncertainty, Suryadatta is well equipped to continue Teaching and Learning through a Digital Ecosystem, thus empowering students for the future with in 'demand skills' by tomorrow's employers. At Suryadatta we practice both – The Traditional method of face to face teaching and the Online learning methods to facilitate student achievement of learning outcomes.

Our teachers are trained for teaching - learning, assessment and student counselling using the two popular digital ecosystems of Google and Microsoft.

A. Google Suite for education - Gmail, Google Docs, Google Slides, Google Sheets, Google Forms, Google Calendar, Google Classroom, Google Meet, Google Drive, You Tube, Blogger

B. Microsoft Ecosystem - Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Outlook, Microsoft Teams, Microsoft OneNote, Skype, LinkedIn, etc.

C. Digital learning resources such as DELENT for e-library solutions provide access to ebooks and e journals.

Key benefits to students:

- Pick real world skills for the workplace
- Anytime Anywhere Learning
- Customised learning
- Multi-Dimensional Learning - Text, Audio, Video, In Classroom Activities
- Organise yourself better for productivity
- Collaborative Learning
- Master difficult concepts at your own pace
- Appear for Multiple Practise Exams
- Track your progress
- Plug in on demand Open Learning Resources

Suryadatta Group of Institutes New Initiatives

SICF / SGACP / LAPT / ASSOCIATE PROFESSIONAL INSTITUTES OFFER SHORT TERM / PART TIME / WEEKEND CERTIFICATION COURSES

SICF /SGACP offers various short term - full time / part time / weekend certification courses in the below mentioned Cyber Security & allied areas for working professionals, Cyber professionals, Corporates, Businessmen, Home makers & UG & PG students etc.

- Cyber security fundamentals
- Cyber security Audit
- Governance of Enterprise IT
- Cyber Security Practitioner
- Information Systems Auditor
- Risk and Information Systems Control
- Information Security Risk Management
- Data Privacy Solutions Engineer
- Disaster Recovery plan
- Cyber Forensics
- Cyber Law
- Cell Phone Forensics
- Web Application Security
- Disk Imaging & eDiscovery
- Cyber Crime Investigation
- e-commerce security

For UG / PG Students

Study Tour Abroad (Optional) / Glimpses of Global Immersion Program



Charges Extra @ Actual (Pune to Pune)

Option 1 : Global Immersion program to Asian Institute of Technology (AIT) Bangkok, Pattaya Thailand 7 days : Rs. 1 lakh (approx)	Option 2 : Study tour to Singapore & Malaysia 7 days : Rs. 1.5 lakhs (approx)	Option 3 : Study tour to Dubai & Abu Dhabi 7 days : Rs. 1.5 lakhs (approx)
Option 4 : Study tour to Europe Germany & France 7 days : Rs. 2 lakhs (approx)	Option 5 : Study tour to UK : London / Oxford / Birmingham : 10 days : Rs. 2 lakhs (approx)	Option 6 : Study tour to USA : (A or B) A : Silicon valley, Universal World, California / San Francisco - B : New York, Washington, Niagara Falls 15 Days : Rs. 4 Lakhs (approx)

*These rates are applicable as on today & it may vary accordingly to the change in the government policies and fluctuations in currencies.

& many more

Indicative Programme Inclusions:

- Exposure to new cultures and environments
- Improvement of communication skills
- Enhancement of critical thinking skills
- Visit to University
- Site Seeing
- Hands-on learning experiences
- Development of Trouble Shooting skills
- Enhancement Academic Performance
- Social Networking
- Value added workshop
- Development of social skills
- Development of leadership skills
- Building of lifelong memories
- Visit to Industry
- Increased motivation & dedication in Learning Skills

For UG / PG Students Study Tour (Optional)

in Pune / Maharashtra / India



OUTBOUND LEADERSHIP

& HOLISTIC DEVELOPMENT PROGRAM {Pune to Pune} (charges at actuals) :

Suryadatta believes in Holistic Development of students for sustainable growth and success. Personality Development, Soft Skills, Leadership Development, Industry exposure etc are critical to holistic development. Outbound program will be tailored to suite the students' needs and requirement targeting specific skills such as team building, leadership development, adaptability and resilience building, problem solving & creativity, trust & bond building, fun & adventure etc.

Leadership & Personality
Development sessions

Universal
Human Values

Industry
Institute
Interface

Cross Cultural
Learning

Grooming
Session

Fun elements
with site seeing

■ GOA - 3 Nights 4 Days : Approx Rs. 20,000/-

■ HYDERABAD (Ramoji Film City) - 3 Nights 4 days : Approx Rs. 20,000/-

■ INDORE along with Ujjain - 3 Nights 4 days : Approx Rs. 20,000/-

■ NASHIK - 3 Nights 4 days : Approx Rs. 15,000/-

■ AHMEDNAGAR & AURANGABAD - 3 Nights 4 days : Approx Rs. 15,000/-

■ DHARMPUR (GUJARAT) - 3 Nights 4 Days : Approx Rs. 15,000/-

■ MOUNT ABU - 3 Nights 4 Days : Approx Rs. 15,000/-

■ MUMBAI & KONKAN - 3 Nights 4 Days : Approx Rs. 15000/-

Strong Students & Alumni Network, Celebrating 27 Glorious Years of Academic & Professional Networking



Suryadatta : Integrated Multi-Disciplinary Campus

12+

Unique World Record Events during Pandemic Endorsed by 100+ World Record Agencies

60+

Academic, Professional & Voluntary Institutions

100+

National & International MOUs

130+

Unique New Ventures

220+

National & International Awards

260+

Memberships

300+

National & International Patents

500+

Conferred Suryadatta National Awards to Distinguished Personalities from Various Sectors

1025+

Recruiters



Enlightening & Hygienic Campus

- Shaping Professionals for Global Market Place
- Round the year value addition leading to Nation Building
- Multidisciplinary Integrated Campus offering Courses in Emerging Sector - NEP complied

Estd. 1999 | Suryadatta Education Foundation's

SURYADATTA[®] INTERNATIONAL INSTITUTE OF CYBER SECURITY (SIICS)

Affiliated to Savitribai Phule Pune University (SPPU) and Recognized by Govt. of Maharashtra

College Code : PU/PN/S/502/2020

Campus & Corporate Office : Bavdhan, Tal. Mulshi, Pune - 411071, Maharashtra, INDIA.

Email : admission@suryadatta.edu.in | Website : www.siics.org, www.suryadatta.org



For Admission & Counselling

8378998126 / 8956932420 / 8956932402



Career Guidance Whatsapp Your Name

Course & City : 8956932400 / 9763266829

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For details visit website
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This brochure is updated as on 28.07.2025.

Suryadatta - Enriching Career & Enhancing Lives Since 1999