



# Holy Cross College (Autonomous) Nagercoil – 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle  
An ISO 9001:2015 Certified Institution

SSR  
2019-2020  
to  
2023-2024

## 2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution

2023-2024

### Department of Computer Science Action Plan for 2023-2024

Month	Activity	Staff Incharge	Beneficiaries	Impact/ Expected outcome
June	Orientation on Academic Calendar and Code of Contact	J. Anto Hepzie M.Nithila	48	To know the motto, vision mission, core values and the rules and regulations of the Institution.
	Discipline wise Bridge Course	V.R. Bithiah Blessie Dr. F. Fanax Femy	48	To know foundational knowledge and skills in a particular subject area, giving opportunity to connect with peers and faculty members.
July	Association Meeting – Inauguration	Dr. Immaculate Shyla J. Anto Hepzie	149	
	Workshop on Python Programming	V. R. Blessie Dr. F. Fanax Femy	60	To know the fundamental understanding of python syntax, basic programming concepts, solve simple programs, improve coding skills.
August	IIC seminar on “Women Entrepreneurship: Opportunities and Challenges	Dr. Femy M. Monisha	149	To empower women with knowledge and skills to boost their confidence and motivate to start and grow business.
September	Intra Departmental Coding Competitions - Programmers Day(Sep 13 <sup>th</sup> )	J. Anto Hepzie Dr. Immaculate Shyla	149	To express themselves, improve the confidence level in programming languages.
	Club Meeting – Lecture on Ethical Hacking	Dr. Reena Rose C. Sherisha	149	To know the variety of techniques that hackers use to find out the vulnerabilities, including code review, network analysis and black box testing.
	Students Event	J. Anto Hepzie	149	To know about their leadership skills



## NAAC V Cycle Self Study Report (SSR)

	Management on Leadership and Team Building	Dr. F. Fanax Femy		and teamwork competencies like communication, compromise etc
October	Workshop on Video Editing Tools	Dr. Immaculate Shyla C. Sherisha	149	To gain knowledge about video editing tools
	IIC Seminar on Cloud Technology and its implications for Entrepreneurship	Dr. Reena Rose M. Monisha	149	To know how the entrepreneurs, make use of cloud technology for their business.
	Lecture on Technical Article Reading and Writing	Dr. F. Fanax Femy Dr. Reena Rose	50	To gain in-depth knowledge about a specific subject, technology and to enhance the writing and communication skills.
November	Value Added Course Internship Certificate Course	-	63 38	-
	Chapter Meet Online/Offline	J. Anto Hepzie C. Sherisha	-	To create a bond between alumni, current students and faculty. They share their experience in the outside world, which they faces after going out of the institution.
December	Joy of Sharing	J. Anto Hepzie Monisha Sherisha Dr. F. Fanax Femy	149	Christmas celebration
	Workshop on Hardware Training (MOU with St. Xaviers College, Chunkankadai)	J. Anto Hepzie Dr. Fanex Femy	38	To learn computer set building, computer troubleshooting, software installation, system configuration and computer maintenance.

January	Club Meeting – Talk on Terrace Garden, Kitchen Garden, Green Graphy	Dr. Immaculate Shyla Dr. F. Fanax Femy	149	To know the benefits of terrace garden, kitchen garden and green graphy.
	Club Meeting – Alumni Interaction Session	C. Sherisha Monisha	149	To understand the experiences, current working environment from the alumni.
February	IIC Seminar on Intellectual Property Rights in the Digital Age	Dr. Reena Rose Dr. F. Fanax Femy	149	To gain the knowledge about copyright, privacy and cybersecurity.
	Club Meeting – Session on Universal Values(Responsibility)	J. Anto Hepzie Monisha	149	To help the students to see the need for developing a holistic perspective of life, learn and act accordingly.
	Industrial Visit – Techno Park	Sherisha Dr. F. Fanax Femy	51	To know about industrial environment and to have internship.
	Land to Lab	J. Anto Hepzie Sherisha	Outsiders	To learn new strategies, techniques and technologies to improve their teaching practices.
March	Seminar on Digital Twin Technology	J. Anto Hepzie Dr. Immaculate Shyla Dr. Fanex Femy	149 + Students from outside colleges	To know about digital twins, technologies behind digital twins and how it does works.
	Chapter Meet Online/Offline	Dr. Immaculate Shyla J. Anto Hepzie	-	To create a bond between alumni, current students and faculty. They share their experience in the outside world, which they faces after going out of the institution.
April	Value Added Course	-	-	-
	Club Meeting – Talk on Cyber security	Dr. Reena Rose Dr. Immaculate Shyla	149	To know the safeguarding of sensitive data, ensuring its confidentiality, integrity and availability

*[Signature]*

**HEAD OF THE DEPARTMENT  
DEPARTMENT OF COMPUTER SCIENCE  
HOLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL**





2022-2023

**Department of Computer Science  
Action Plan for 2022-2023**

Month	Activity	Staff Incharge	Beneficiaries	Impact/ Expected outcome
July	Workshop on Python	J. Anto Hepzie Bai V.R. Bleesie	47	To gain knowledge about Python Programming
August	Association Meeting – Internet Entrepreneurship	M.Nithila V.R. Bleesie	135	To collaborate and work with a team, to speak in public and prepare an effective presentation
	Staff-Student Exchange Programme	Mrs. V.R Bithiah Blessie Mrs. M. Nithila	41	Students gain knowledge about the curriculum courses.
September	Intra Departmental Quiz	J. Anto Hepzie Bai V. Abisha Archana Pillai	135	Basic knowledge about technologies in computer, current affairs, GK
	Association Meeting – Employability Skills	Archana Pillai V. Abisha	135	To acquired the basic employability skills needed in employees
October	Workshop on Android	J. Anto Hepzie Bai V. Abisha Archana Pillai	47	To gain knowledge about Android Application Development
November	Association meeting Computer Security Day (November 30 <sup>th</sup> ) – Talk on Computer Crime	M.Nithila V.R. Bleesie	135	To explore the security in the internet world

	Association Meeting – Talk on Ethics and Professional Responsibility in Computing	Archana Pillai V. Abisha	135	To know the task performed, different types, responsibilities, code of ethics, ethical decision making for computing professionals
December	Christmas Visit - Cultural	J. Anto Hepzie Bai M.Nithila V.R. Bleesie Archana Pillai	135	Christmas celebration
	Students Event Management Programme – Cultural Meet on “Leadership And Team Building”	J. Anto Hepzie V.R. Bleesie M.Nithila Archana Pillai	135	The students came to know about their leadership skills and ability to do creative activities.
January	Association Meeting – Talk on Values & Paper Presentation	J. Anto Hepzie Bai M.Nithila V.R. Bleesie Archana Pillai	135	Conceptualizes the importance, pros and cons, for effective presentation for successful organizational development.
	Association Meeting- Innovation in IOT	V.R. Bleesie Archana Pillai	135	Able to drive digital transformation of business in 2022-2023
February	Association Meeting – Alan Turing (Father of modern computer science) Talk on Recent Computer Technologies	M.Nithila V.R. Bleesie	135	To know the Current Trends in Computer field



## NAAC V Cycle Self Study Report (SSR)

	Seminar on Cyber Security and Cryptography	J. Anto Hepzie M. Nithila V.R. Blessie V.Abisha	250 + Students from other colleges	Able to design classical decryption techniques and block ciphers and understand the data security mechanisms.
March	International Women's Day Celebration	J. Anto Hepzie Pillai Archana M. Nithila V.R. Blessie	135	Increased confidence in all situations. The students learned some self defense mechanisms. Competitions encouraged students to adopt innovative techniques and develop their ideas and skills.
	Staff-Student Exchange Programme	Mrs. V.R Bithiah Blessie Ms. M. Nithila	47	Students gain knowledge about the curriculum courses.
April	Association Meeting- Intellectual Property Rights	J. Anto Hepzie M. Nithila	135	To learn the procedure of obtaining Patents, Copyrights, Trade Marks & Industrial. Design and enable the students to keep their IP rights alive



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2021-2022

Department of Computer Science

Action Plan for 2021-2022

Month	Activity	Staff Incharge	Beneficiaries	Impact/ Expected outcome
June	Workshop on Gamification in Education	Sr.Jothi J. Anto Hepzie Bai	46	To gain knowledge about learning management system
July	Association Meeting – Cloud Management and Operations	Sr.Jothi V. Abisha	145	To explore digital channels to reach client and servers
August	Seminar on Computer Vision and Pattern Recognition	Sr.Jothi J. Anto Hepzie Bai, V.Abisha M.Nithila	250 + Students from other colleges	Basic knowledge about Computer Vision and Pattern Recognition
September	Intra Departmental Quiz	Sr.Jothi V.Abisha	145	Basic knowledge about technologies in computer, current affairs, GK
October	Association Meeting – Big Data Analysis	Sr.Jothi P.Jasmine Lizy	145	To gain knowledge about analyzing the data
November	Association meeting Computer Security Day (November 30 <sup>th</sup> ) – Talk on Cyber Terrorism	Sr.Jothi V.Abisha	145	To explore the security in the internet world
December	Christmas Visit St. Antony's Primary School Kurusady – Cultural by our students	J. Anto Hepzie Bai Sr.Jothi	241	Christmas celebration
January	Talk on Artificial Intelligence in mass media		145	Growth opportunities in mass media

February	Association Meeting – Alan Turing (Father of modern computer science)Talk on Recent Computer Technologies	Sr.Jothi P. Jasmine Lizy	145	To know the Current Trends in Computer field
	Industrial Visit to Windmill (Aralvaimozhi)	Sr.Jothi	48	To get knowledge about windmill and its operations
March	Awareness program on E-Waste Management to St.Antony's School	Sr.Jothi V.Abisha	145	Refers to the disposal of broken electric components and reuses

  
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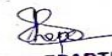
2020-2021

Department of Computer Science

Action Plan for 2020-2021

Month	Activity	Staff Incharge	Beneficiaries	Impact/ Expected outcome
June	Online Quiz on "Basics of Computer Quiz"	V. Abisha J. Anto Hepzie	147	Test the basic understanding of computer hardware and software including the knowledge of common application.
July	Webinar on IoT	V. R. Blessie M. Nithila	142	To know how open platforms allow you to store your sensor data in the cloud, setup the connections between the devices and sensors.
August	Webinar on Artificial Intelligence in mass media	M. Nithila J. Anto Hepzie	145	To know the Growth opportunities in mass media
October	Webinar on Uniyersal Values (Love)	Sr. Jothi	145	To explore holistic vision of life - themselves and their surroundings. real life and in handling problems with sustainable solutions
November	Webinar on "Innovative API for Entrepreneurs"	Sr.Jothi J. Anto Hepzie V.Abisha V.R. Bleesie	92	Got knowledge about the current trending programming language Python, how to obtain a project from various websites to become an entrepreneur.
December	Webinar on "Entrepreneurship	Sr.Jothi J. Anto Hepzie Pillai Archana	80 + Students from other colleges	Help the students to increase soft skills such as persistence, networking and self confidence

	and Skill Development"			and enabling hard skills such as basic startup knowledge, business planning, financial literacy and managerial skills.
February	Webinar on "Effective Communication Skills"	Sr.Jothi J. Anto Hepzie V.Abisha	103	Got knowledge about Communication Skills, help the students to understand information more accurately and quickly. It helps the students to become a good communicator.

  
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2019-2020

Department of Computer Science

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