



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

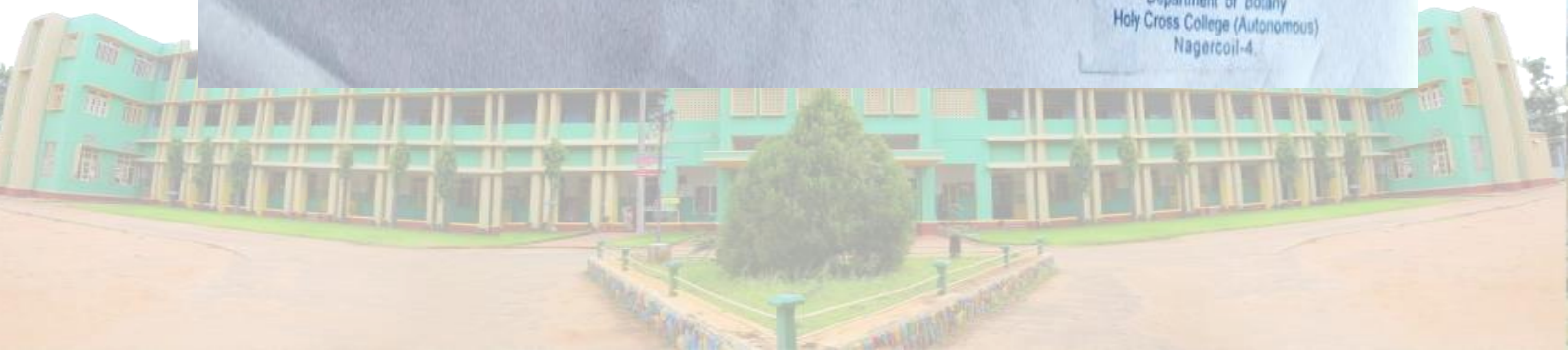
2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution

2023 -2024

Department of Botany
Action Plan for 2023 – 2024

S.No	Month	Activity	Staff In charge	Amount allocated Rs.	Expected Contribution Rs.			Beneficiaries	Course Addressed	Expected Outcome of the Program
					Sponsors	Staff & Students	Institution			
1.	3 rd week of June	Department PTA	Dr. A. Anami Augustus Arul				60			
2.	3 rd week of June	Discipline wise Bridge course	Dr. Sr. Leema Rose				30			
3.	3 rd week of June	Orientation on Code of Conduct and Academic Calendar	Dr. Albino Wins and Dr. Celin Pappa Rani				45			
4.	3 rd week of June	Association Meeting (Constitutional rights)	Dr. J. Celin Pappa Rani	200		200	120	FCV203	To understand the constitutional rights of our nation	
5.	4 th week of June	Lecture Series by Research Scholars – 'Finding a Research Problem'	Ph.D., Scholar, Dr. Bojaxa A. Rosy	200		200		PB2022	To give an insight on finding research problems	
6.	1 st Week of July	Van Mahotsav Celebration- "Making a Green World" (Inter-departmental competitions)(Essay Writing Competition, Slogan Writing, Pencil Sketch, Photography, Video Editing)	Dr. Bojaxa A. Rosy	1000		1000	60	BC2066 PB2034	To understand the importance of trees to the human through various competitions	
7.	3 rd week of July	Sr. Rosalie's Endowment Lecture (Green initiative)	Dr. W. Vincy	1000		1000	120	BC2044	To make the students understand the impacts of pollution on the universe	

Anami
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8.	4 th week of July	Workshop on "Biological Diversity and Bioprospection for Human Welfare: Perspectives and Challenges"	Dr. A. Anami Augustus Arul & Dr. Sr. Leema Rose	1, 50,000/-	Collaboration with The Indian Academy of Sciences Bengaluru		100	BC2051 PB2021	To have a basic knowledge on the bioprospecting of plants for human welfare
9.	7 th August	Dr. M.S. Swaminathan's Birth day Celebration - Siddha Medical Camp & Herbal Plant Display	Dr. Kala Veda Kumari	1000		1000	120	BC2043 PB2015	In collaboration with Siddha Medical College, Thirunelveli. Free consultation for students for their health complications.
10.	7 th August	Release of News Letter	Dr. Kala Veda Kumari & Dr. Albino Wins	1000		1000	120		To bring out the department activities of last year.
11.	2 nd week of August	Field Visit - Algae - Kanyakumari	Dr. Bojaja A. Rosy & Dr. Celin Pappa Rani	-			45	BC2011 PB2011	To understand the habit and habitat of sea weeds
12.	3 rd week of August	Alumina Meet	Dr. A.R. Florence						To generate interest, loyalty or support for the college among the alumni.
13.	1 st Week of September	IIC Seminar - "Idea Generation" (Innovation)	Dr. Albino Wins	2000		2000	120	BC2062 PB2043	To inculcate the innovative attitude in the young minds of the students
14.	3 rd week of September	Webinar on Career Guidance for Competitive exams (MoU Partner)	Dr. Sr. Leema Rose	1000		1000	120		To give career guidance to the students for competitive exams as well as job oppourtunies
15.	4 th week of September	Field Visit- Taxonomy	Dr. A.R. Florence & Dr. Vincy	-			45	BC2051 PB2031	To learn the technique of herbarium preparation and to understand the distribution of higher plants.
16.	1 st week of October	<i>Parthenium</i> Eradication, Thollavilai (Environmental protection and awareness)	Dr. Sr. Leema Rose	1000		1000	40	BC2044	To convey the students and the local people about the ill effects of <i>Parthenium</i>



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17.	16 th October	Food day - Millet and Traditional Food Festival	Dr. Albino Wins	500	In collaborati on with Departmen t of MSW, HCC, Ngl.	500		BC2043	To give an awareness on the traditional food and millets and it's nutritional benefits to the students
18.	4 th week of October	Field Visit - Microbiology - Aavin Milk Farm, Nagercoil	Dr. A. Anami Augustus Arul & Dr. Kala Veda Kumari	-			40	BC2053 PB2012	To understand the pasteurization technique of milk preservation
19.	2 nd Decemb er	National Pollution prevention day -Hands on training on Pollution monitoring Apps (Environmental protection and awareness)	Dr. W. Vincy	1000		1000	120	BSK206	To give training on the usage of pollution monitoring Apps and assess the pollution index in their locality and make a report of it
20.	2 nd week of Decemb er	Nature Walk	Dr. A. Anami Augustus Arul	-	In Collaborat ion with Departmen t of Economics , HCC, Ngl.		25	BC2066 PB2042	To feel the nature at its fullest, by taking a early morning walk in the deep forest
21.	3 rd week of Decemb er	Association Meeting Birthday of Louis Pasteur	Dr. Kala Veda Kumari	200		200	120	BC2053 PB2012	To familiarize the students about the contribution of great microbiologist Louis Pasteur
22.	4 th week of Decemb er	Christmas Visit	Dr. Sr. Leema Rose	-			80	FCV201 FCV202	To meet and understand the plight of under privileged /aged/destitutes
23.	4 th Week of Decemb er	Donating H.Share to the needy	Dr. Vincy	5000		5000	90	LST201 LST202	To inculcate charity in the mind of students



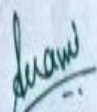
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24.	1 st week of January	Guest Lecture (MoU Partner) - Spawn Production Technology	Dr. A. Anami Augustus Arul	500		500	120	BC2062 PB2043	To have a through understanding on spawn production technology
25.	2 nd week of January	IIC Seminar (Entrepreneurship) Resin Art - by Alumni	Dr. A. R. Florence	1000		1000	120	PB2045	To have a hands on training on resin art
26.	3 rd week of January	Tree Plantation Campaign (Green Initiative)	Dr. Sr. Leema Rose	500	500		30	BSK206	To encourage the students to plant a greater number of trees in their locality and to give awareness about its importance.
27.	4 th week of January	Book Review by Student	III M.Sc., Dr.Celin Pappa Rani	100	100		60	-	To bring the habit of reading books and reviewing about it
28.	1 st week of February	Workshop on "Herbal Medicinal Preparation"	Dr. Bojaxa A. Rosy	3000	In collaboration with Department of Botany Vivekananda College Agastheeswaram	3000	120	BC2032 PB2024	To have a hands-on training on the herbal medicinal preparation
29.	2 nd week of February	Field Visit- Plant Ecology - Manakudi	Dr. A.R. Florence & Dr. Kala Veda Kumari					BC2041 PB2042	To observe the habit and habitat of hydrophytes and halophytes in its locality
30.	3 rd Week of February	Dr. Jespin Ida Endowment Lecture - Dichotomous Key	Dr. Celin Pappa Rani	1000		1000		BC2051 PB2031	To give a workshop on Dichotomous Key preparation
31.	3 rd week of March	Association Meeting - Doctor's point of view on gender (Gender Sensitization Programs)	Bojaxa A. Rosy	400		400	120	FCV204	To sensitize the students about gender equity



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32.	2 nd week of March	Lab Visit- Kerala Agriculture College, Kariyavattom	Dr. Albino Wins & Dr. CelinPappa Rani				20	BC2053 PB2012	To introduce the students about the latest advancement in the biological research
33.	4 th week of March	Lecture Series - Locationally Relevant Research (Locational advantages and disadvantages)	Ph.D Scholar Dr. A. Anami Augustus Arul				60	BA2021	To give an awareness on the research works carried out with local relevance
34.	1 st week of April	Guest Lecture - Dress Code and Etiquettes (Code of Conduct)	Dr. Albino Wins	500	500		120	FCV202	To give an awareness on art of dressing for work and etiquettes to be followed in work place
35.	22 nd April	World Earth Day- Support our Pollinators(Universal Values and Ethics)	Dr. A.R. Florence				50	AEC201	To understand about the importance of pollinators and their ecosystem by planting nectar plants
36.	23 rd May	Birthday of Carolus Linnaeus-Enacting the contribution of the scientist by the students	Dr. Vincy	2002	200		60	BC2051 PB2031	To learn about the contribution of great taxonomist Carolus Linnaeus


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NAAC V Cycle Self Study Report (SSR)

2022-2023

Department of Botany

Action Plan for 2022 - 2023

S.No	Month	Activity	Staff In charge	Amount allocated Rs.	Expected Contribution Rs.			Beneficiaries	Course Addressed	Expected Outcome of the Program
					Sponsors	Staff & Students	Institution			
1.	3 rd week of July	Van Mahotsav celebration (Inter-departmental competitions)	Dr.J. Albino Wins	1000		1000		60	BC2033 BC2041	To understand the importance of trees to the human through various competitions
2.	4 th week of July	Association Meeting (Gender Sensitization Programs)	Dr. J. Celin Pappa Rani	400			400	120	FCV204	Students got awareness about CHILDLINE of Kanniyakumari District and got information about Gender Equality in children
3.	4 th week of July	Talk on Project Writing	Ph.D., Scholar, Dr. A. Anami Augustus Arul					60	BC20PR BP20PR	Project writing equips students with essential skills in research, critical thinking, and effective communication, preparing them for academic and professional success.
4.	August 7 th	Dr. M.S. Swaminathan's Birth day Celebration	Dr. A.R. Florence	1000		1000		120	BC2043	To commemorate Dr. Swaminathan's birthday celebration and create awareness about organic food products and millets among students and faculty


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5.	2 nd week of August	IIC Seminar (Innovation)	Dr. Sr. Leema Rose	1000			1000	120	BC20PR PB20PR	empowers students with essential skills and knowledge to drive forward-thinking solutions and foster entrepreneurial endeavors.
6.	3 rd week of August	Field Visit - Algae	Dr. Bojaja A. Rosy & Dr.J. Celin Pappa Rani					45	BC2011 PB2011	provides students with experience and knowledge about its ecological significance and potential applications in various fields.
7.	1 st week of September	Endowment Lecture (Green initiative)	Dr. Bojaja A. Rosy	1000			1000	120	PB2015 BNM201	Inspires students to actively participate in environmental conservation efforts and adopt sustainable practices for a greener future.
8.	3 rd week of September	Ozone day (Environmental protection and awareness)	New (S.F)	1000		1000		120	BNM202 BC2032	Deepen students' understanding of environmental protection and foster a commitment to raising awareness and taking action for ozone layer
9.	4 th week of September	Field Visit- Taxonomy	Dr. A.R. Florence & New (S.F)					45	BC20P3	Enhances students' understanding of biodiversity and species classification through hands-on learning experiences.



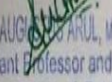
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16.	3 rd week of January	IIC Seminar (Entrepreneurship)	Dr. Bojaja A. Rosy	1000		1000	120	PB2045	Empowers students with essential knowledge and skills to cultivate innovative ideas and pursue entrepreneurial ventures successfully.
17.	4 th week of January	Tree Plantation Campaign (Green Initiative)	Dr. Sr. Leema Rose	500		500	30	PB2034	fosters environmental consciousness among students and encourages active participation in preserving and enhancing green spaces for a sustainable future.
18.	4 th week of January	Book Review by Student	III B.Sc., Dr. A.R. Florence				60	FCV202	Engaging in a book review enriches students' critical thinking skills and enhances their understanding of literature and diverse perspectives.
19.	1 st week of January	Guest Lecture (Talk on placement and progression)	Dr. A. Anami Augustus Arul	500		500	120	PB2045	Equips students with valuable insights and strategies for navigating their career paths successfully.
20.	2 nd week of February	Field Visit- Plant Ecology	Dr. A.R. Florence & New (A)					BC2041	Offers students a hands-on experience to explore plant interactions and environmental dynamics within natural ecosystems
21.	16 th February	Birthday of Hugo De Vries	I M.Sc., Dr.J. Albino Wins				60	PB2012	inspires students to delve into the history of genetics and evolutionary biology, fostering a deeper appreciation for scientific inquiry and discovery.



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22.	1 st week of March	Association Meeting (Universal Values and Ethics)	New (A)	200		200		120	FCV203	Nurtures students' moral reasoning and encourages the application of ethical principles across various aspects of life.
23.	2 nd week of March	Lab Visit-CMST	Dr. Sr. Leema Rose & Dr. J. Celin Pappa Rani						BC20P4 PB20P4	Offers students a firsthand exploration of advanced technology
24.	4 th week of March	Research paper Review	Ph.D Scholar Dr. Bojasa A. Rosy					60	BC20PR PB20PR	Cultivates students' critical analysis skills and deepens their understanding of academic literature within their field of study.
25.	1 st week of April	Guest Lecture (By Alumini)	New (S,F)	500		500		120	PB2024	Provides students with valuable insights, guidance, and inspiration for their academic and professional journeys.
26.	22 nd April	World Earth Day	II M.Sc., Dr. Celine Pappa Rani					50	PB2031	Instill in students a heightened sense of environmental responsibility and empower them to take action towards preserving and protecting our planet for future generations.
27.	1 st week of May	Quiz – Intra Department	Dr. A.R. Florence	1000		1000		50	BC2051	Fosters friendly competition and deepens students' knowledge within their field of study, promoting academic excellence and collaboration.
28.	23 rd May	Birthday of Carolus Linnaeus	II B.Sc., New (A)					60	BC2053	Fostering a deeper understanding of biodiversity and scientific inquiry.


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2021- 2022

Department of Botany
Action Plan for 2021 – 2022

S.No	Month	Activity	Staff In charge	Amount allocated Rs.	Expected Contribution Rs.			Beneficiaries	Course Addressed	Expected Outcome of the Program
					Sponsors	Staff & Students	Institution			
1.	4 th April	Values of Life for the Non-Teaching Staff	Dr. Sr. P. Leema Rose				60	-		
2.	31 st March	Seminar on "PHYTOREMEDIA"	Dr. A.R.Florence & Dr.J.Celin Pappa Rani			700	136	BC2032 PB2024	To know about the medicinal uses of herbs and the application of plants in remediation	
3.	25 th March	Algal Visit	Dr.J.Celin Pappa Rani & J.Albino Wins		200		14	PB2011 BC2011	Students learnt about the habit and habitat of algae present in Kanyakumari coast	
4.	23 rd March	Mushroom culture Training Programme for the women of neighborhood and our students	Dr. Sr. P. Leema Rose				100	BC2062 PB2045	To train the women of the neighborhood how to grow mushrooms. To earn income for the livelihood. Understand the high nutritional content of Mushroom.	
5.	19 th March	Taxonomical Field Visit	Dr.J.Celin Pappa Rani & J.Albino Wins		200		14	PB20P3 BC2051	To know the diversity of local floras and herbarium collection.	
6.	17 th February	Professional ethics for the junior staff	Dr. Sr. P. Leema Rose				70	-	To be committed and effective in their responsibilities.	

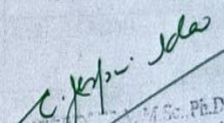
28 th January	Therapeutically Important Aromatic Plants In Our Day To Day Diet	Dr. J. Celin Pappa Rani, Department of Botany Holy Cross College (Autonomous), Nagercoil-4				100	95	BC2042 PB2044	Students got knowledge about the aromatic plant and its therapeutic value
8.	23 rd December	Christmas day celebration	-	-	-	-	130	-	To commemorate the birth of Jesus
9.	20 th December	Christmas Visit [H. Bot Share]	-	-	2500	-	42	LST202	To encourage students to love the needy people.
10.	17 th December	Christmas Charity Visit	-	-	2500	-	-	-	To motivate the students to show kind towards the poor people.
11.	9 th December	Professional ethics for the Non Teaching Staff	Dr. Sr. P. Leema Rose	-	-	-	60	-	To be committed and effective in their responsibilities
12.	1 st December	Board of Studies [UG]	-	-	-	-	9	-	To enhance and modify the syllabus to meet the current needs of the students.
13.	11 th November	Entrepreneurship and Innovation as Career Opportunity	Dr. A. Anami Augustus Arul	-	-	-	59	PB2045	To introduce the students about entrepreneurship and innovation



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	29 th October	My Story Motivational section by Successful Innovator	Dr. Sr. P. Leema Rose				96	LST202	The students and staff members are encouraged to take up research and to get patents for innovative products.
15.	5 th October	Release of Newsletter "Blossom"	-				115	PB2042	To know about the department activities of the academic year
16.	5 th October	Sr. Rosalie's Endowment Lecture on "General View On The Applications Of Algae"	Dr.J.Albino Wins			1000	115	PB2011 BC2011	Students gained knowledge about the various applications of algae and motivate entrepreneurship
17.	25 th September	World Ozone day 2021	Dr.A.R.Florence and Dr.N.Benit				120	BC2041	To spread awareness about depletion of the ozone layer and search for possible solution to preserve earth
18.	24 th September	Association Meeting on "Diversity of Carnivorous plants in Kanyakumari Wildlife sanctuary, southern Western Ghats"	Dr.J.Celin Pappa Rani			100	95	BA2041	Students got awareness about Carnivorous plants of Kanyakumari Wildlife Sanctuary, southern Western Ghats
19.	6 th Augusts	"Contributions of Sir Alexander Fleming in the field of Medicine"	Dr. Bojaja A. Rosy				119	BC2053 PB2012	Students gain knowledge about antibiotics and its importance to cure diseases
20.	4 th To 8 th July	Van Mahotsav Week Celebration (Essay Writing Competitions - Intercollegiate)	Dr.C.Jespin Ida and Dr.J.Albino Wins		1000		28	PB2034	Motivate the students about the importance of forest and planting trees through competitions.

	5 th June	Reimagine, Recreate and Restore the environment	Dr. Sr. P. Leema Rose & Dr. Bojaja A. Rosy		500		120	PB2042 BC20P1	Students can understand the importance and restoration of nature
22.	5 th June	World Environment Day E-quiz	Dr. N. Benit & Dr. C. Jespin Ida				494	BC2044	Student will get additional information about the protection of nature


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2020 -2021

Department of Botany
Action Plan for 2020 – 2021

Month	Activity	Staff In Charge	Amount Allocated Rs.	Expected Contribution Rs.			Beneficiaries	Course Addressed	Expected Outcome Of The Program
				Sponsors	Staff & Students	Institution			
1. 16 th June	Webinar "Dissemination of Knowledge on Medicinal Plants Through Doctrine of Signatures"	.			500		140	BA2021	To Understand The Herbs Resembling Various Parts Of The Body Can Be Used By Herbalists To Treat Ailments Of Those Body Parts
2. 26 th June	Online Quiz "Pioneer in Biology"	.					600	BC2033	To Know About The Great Inventors Of Biology
3. 13 th July	National Level Online Biotechnology Quiz	.					1550	PB2014	To Enhance The Knowledge Of Students In The Course Of Biotechnology
4. 1 st September	Dr. Sr. Rosalie's Endowment Lecture on "Biospecting of Marine Algal Natural Products And Their Benefits"	.			500		150	BNM202	To Know About The Marine Natural Resources
5. 8 th September	E-Competitions on "World Ozone Day"	.					90	PB2042 AEC202	To Create Awareness Among School And College Students About Ozone Depletion And Its Effects
6. 20 th November	Webinar on "Intellectual Property Rights - Opportunities and Challenges"	.			400		165	BC2052	To Know About The Job Opportunities Of Ipr
7. 27 th January	Webinar on Intellectual Property Rights	.			500		110	BC20P6	To Enrich The Knowledge In Patenting
8. 20 th February	Webinar on "Vaccine Production"	.			250		21	PB2044	To Learn About The Basics And Production Of Vaccines
9. 1 st March To 6 th March	Nature Week Celebration	.			100		72	SEC205	To Motivate The Students To Love And Protect Nature
10. 18 th March	Webinar on "The Worlds Weirdest Flowers"	.			300		72	PB20P4	To Know About The Different Varieties Of Plants
11. 26 th March	Association Meeting on "Chinese Garden"	.				100	54	PB2033	To Know The Features And Layout Of Chinese Garden

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2019-2020

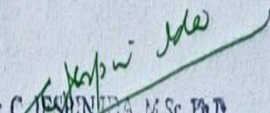
Department of Botany
Action Plan for 2019 – 2020

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1.	July 1 st week	Van Mahotsav celebration (Inter-departmental competitions)	A. Anami Augustus Arul & J. Celin Pappa Rani	50	BC1755 PB1733	To understand the importance of trees to the human through various competitions
2.	July 3 rd week	Endowment Lecture Reimagine, Recreate and Restore the environment	Bojasa A. Rosy	150	PB1724	Students can understand the importance and restoration of nature
3.	August 7 th	Dr.M.S. Swaminathan's Birth day Celebration	A.R.Florence & N. Benit	150	BC2043	Inspires students to engage in agricultural innovation and sustainable practices for a brighter future.
4.	August last week	Medicinal Plants - Exhibition to locality	Sr. Leema Rose & J.Albino Wins	150	BC1732	Raises awareness among students and community members about the importance of herbal remedies and sustainable healthcare practices.

5.	September	Association Meeting	Celin Pappa Rani	150	AEC172	Fosters collaboration, networking, and professional development opportunities for students within their academic community.
6.	September	<i>Parthenium</i> Eradication	J.Albino Wins & C. Jespin Ida	150	BC1744	Educates students about the ecological threat posed by invasive species and fosters their involvement in environmental conservation efforts.
7.	September 16 th	Ozone day (inter-departmental competitions)	N. Benit & L. Dyona	150	PB1742	Encourage student participation from diverse academic backgrounds, enhancing collaboration and advocacy for ozone layer preservation.
8.	October	National Seminar	Sr. Leema Rose & A.R. Florence	300	PB1741	Provides students with valuable insights from experts, fostering intellectual growth and enhancing their understanding of key topics in their field of study.
9.	December 2 nd	National pollution prevention day	N. Dyona & A. Anami Augustus Arul	300	BNM172	Sensitizes students to the detrimental effects of pollution and empowers them to adopt sustainable practices for a cleaner environment.
10.	December	Association Meeting	J. Celin Pappa Rani	150	BC1711	Facilitate student networking, collaboration, and professional development within their academic community.

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11.	January	Contributions of Louis Pasteur, the Father of Immunology	J.Albino Wins & Bojaja A. Rosy	150	BC1753 PB1744	Inspires students to appreciate his groundbreaking work in microbiology and vaccination, driving their passion for scientific discovery.
12.	January	Guest Lecture	C. Jespin Ida	150	PB1731	Enrich students' learning experiences by providing insights from experts.
13.	February	Quiz – Intra department	A.R. Florence	150	PB17S1	Enhances students' subject knowledge, promotes healthy competition, and strengthens camaraderie among peers.
14.	March	Association Meeting	J. Celin Pappa Rani	150	BC1733	Provide students with opportunities for networking, collaboration, and professional development within their academic community.
15.	March Last week	Guest Lecture	C.Jespin Ida	30	BC1731	Expose students to diverse perspectives and expertise, enriching their learning experience and broadening their understanding of the subject matter.


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