

Name of the Department: BIOINFORMATICS

ACTIVITIES OF THE DEPARTMENT

(Association meetings, Guest Lectures, Celebration of Important days)

S.No	Date	Topic	Resource Person (designation with complete official address)	Event	Platform
1.	10.06.2021	IPR & IP Management	Dr. L. Hariprasath Head- Center of IPR Associate Professor of Biochemistry Karpagam Academy of Higher Education, Coimbatore	135	Google Meet
2.	21.06.21 to 28.06.21	Single use Plastics	-	Awareness Survey	Online
3.	25.02.2022	Patenting and Technology Transfer	Ms. Ramya Ravi Assistant Professor, Department of Pharmaceutical Quality Assurance, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, Manipal, Karnataka.	97	Google Meet

WORKSHOPS, SEMINARS, CONFERENCES, SYMPOSIUMS, HANDS ON TRAININGS

National level Workshops Organized by the Department

S. No	DATE	TOPIC	RESOURCE PERSON	No. of Participants	Platform
1.	20.12.2021 to 22.12.2021	Molecular Docking	Dr. S. Sivashankari Assistant Professor, Nirmala College For Women, Coimbatore	91	Zoom
2.	09.03.2022 & 10.03.2022	Data Analysis using SPSS	Dr. S. Sivashankari Assistant Professor, Nirmala College For Women, Coimbatore	*	

National level Seminars and Conferences Organized by the Department

S. No	DATE	TOPIC	RESOURCE PERSON	No. of Participants	Platform
1.	24.02.2022 & 25.02.2022	Prevalent and prospective paradigms in machine learning	1. Dr. Areejit Samal Professor, Computational Biology, The Institute of	101	Zoom

		for applications in biology	<p>Mathematical Sciences, Chennai.</p> <p>2. Dr. S. Santhosh Kumar, Assistant Professor, Department of Computer Science, Alagappa University</p> <p>3. Dr. Amouda Assistant Professor, Department of Bioinformatics, School of Life Sciences, Pondicherry University, Pondicherry.</p> <p>4. Dr. Michael Gromiha.M Professor, Department of Biotechnology, Indian Institute of Technology Madras, Chennai.</p> <p>5. Dr. V. Bhuvaneshwari Associate Professor, Department of Computer Applications, Bharathiar University, Coimbatore.</p> <p>6. Dr. Jude Hemanth. D Professor, Department of Electronics and Communication Engineering, Karunya Institute of Technology & Sciences, Coimbatore.</p>		
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FDP ATTENDED BY THE FACULTY

S.No	Date	Name of the faculty	Title	Organized by	Online/Offline
1.	15.11.2021 to 19.11.2021	Dr. S. Sivashankari	Fabricating powerful webs using CMS	Department of Computer Science, Computer Applications & Information Technology	Offline
2.	14.07.2021 & 15.07.2021	Dr. S. Sivashankari	Stress Mangement	Department of Chemistry Nirmala College for Women	Online Google Meet

3.	12.06.2021	Dr. S. Sivashankari	Activites of Institutions to Impart Quality Education	IQAC, SreeNararyana Guru College	Online Google Meet
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TRAINING PROGRAMMES ATTENDED BY THE FACULTY

S.No	Date	Name of the faculty	Title	Organized by	Online/Offline
1.	12.12.2021	Dr. S. Sivashankri	How to Write a Research Proposal	Research Graduate Company, Bangalore	Online Zoom

PARTICIPATION OF THE FACULTY IN SEMINARS

S. No	Date	Name of the faculty	Title	National/ Intl	Organizing Committee with Address	Platform
1.	25.06.2021	Dr. S. Sivashankari	Vaccine Technology and Manufacturin g India	National	Department of Pharmacology, Sri Vidyanikethan College of Pharmacy, Tirupattur	Online Zoom
2.	30.06.2021	Dr. S. Sivashankari	Finding of Drug : and Overview	National	Department of Zoology, Athithanar College of Arts& Science, Virapandiyapattanam	Google Meet
3.	18.11.2021	Mrs. P. J. Buvaneshwari	Green Economy	National	Go Green Committee, Nirmala College for Women	Google Meet
4.	23.11.2021	Mrs. P. J. Buvaneshwari	Role of Youth in the Present Environment	National	Go Green Committee, Nirmala College for Women	Google Meet
5.	16.11.2021	Mrs. P. J. Buvaneshwari	Biodiversity Conservation	National	Go Green Committee, Nirmala College for Women	Google Meet
6.	19.11.2021	Mrs. P. J. Buvaneshwari	Environ - Mental Health and Wealth	National	Go Green Committee, Nirmala College for Women	Google Meet
7.	27.11.2021	Mrs. P. J. Buvaneshwari	Effects and control measures of chemical pollution on environment	National	Go Green Committee, Nirmala College for Women	Google Meet

8.	04.12.2021	Dr. S. Sivashankari	Integrated Genomics and Proteomics Approaches for Cancer Research	National	Gauhati University & Mizoram University	Online Zoom
9.	28.02.2022	Mrs. P. J. Buvaneshwari	Intellectual Property Rights	National	Department of Botany, Nirmala College for Women	Google Meet

2.6.3 PARTICIPATION OF THE FACULTY IN WORKSHOPS

S. No	Date	Name of the faculty	Title	National/Intl	Organizing Committee with Address	Platform
	05.07.2021 to 07.07.2021	Dr. S. Sivashankari	E Presentation Techniques	National	Lions Club International Tamilnadu	Online Zoom
	04.06.2021	Dr. S. Sivashankari	Eventer into incubation Centers and Startups for Life Science	National	Department of Zoology, Nirmala College for Women	Google Meet
	14.06.2021 to 18.06.2021	Dr. S. Sivashankari	Online Workshop on Python for Machine Learning	National	Vellore Institute of Technology Chennai	Google Meet
	16.06.2021	Dr. S. Sivashankari	Practicalities in Student Support and Progression	National	IQAC, Nirmala College for Women	Google Meet
	28.06.2021	Dr. S. Sivashankari	Best Practices and Evolving Benchmarks in Higher Education Institutions	National	IQAC, Nirmala College for Women	Google Meet
	27.07.2021, 28.07.2021 and 29.07.2021	Dr. S. Sivashankari	Criteria III: Research, Innovation and Extension	National	IQAC, Nirmala College for Women	Google Meet
	30.07.2021	Dr. S. Sivashankari	Teaching, Learning and Evaluation	National	IQAC, Nirmala College for	Google Meet

					Women	
	04.08.2021	Dr. S. Sivashankari	Governance and Leadership	National	IQAC, Nirmala College for Women	Google Meet
	07.08.2021 & 09.08.2021	Mrs. P. J. Buvaneshwari	Backyard cultivation of blue-green alga spirulina as a source of food supplement, feed and nutraceuticals	National	Department of Botany, Nirmala College for Women	Google Meet
	23.09.2021	Dr. S. Sivashankari	Online Data Submission towards NAAC – An Overview	National	IQAC, Nirmala College for Women	Offline

PUBLICATION BY THE FACULTY IN INTERNATIONAL JOURNALS

S. No	Month & Year	Name of the faculty	Topic	Name of the Journal	Vol No, Issue No, Pg No	ISSN	Impact factor	Indexing Details
1.	Aug 2021	Dr. S. Sivashankari	Development and testing of a simple, economical, and reliable lab-scale static model to study bacterial biofilm using <i>Escherichia coli</i> .	Xi'an Shiyou University Natural Science Edition	17(08):78 – 91	1673 - 064 X	5.6	Scopus

OTHER ACADEMIC CONTRIBUTIONS – FACULTY

S. No	Date	Name of the Faculty	Nature of Work	Institution
1	23.07.2021 and 24.07.2021	Dr. S. Sivashankari	Resource Person - Guest Lecture on Molecular Docking	Department of Zoology, Nirmala College for Women, Coimbatore
2	31.08.2021 to	Dr. S. Sivashankari	Resource Person - Online Database and	Department of Computer Science, PSGR Krishnammal College for

	03.09.2021		Tools of Biological Data	Women, Coimbatore
3	28.09.2021 and 29.09.2021	Dr. S. Sivashankari	Resource Person - Guest Lecture on Insilico Docking Studies	Department of Botany, Nirmala College for Women, Coimbatore
4	14.03.2022	Dr. S. Sivashankari	Resource Person – Hands on training in SPSS	Department of Commerce CA and MCom, Nirmala College for Women, Coimbatore

DETAILS RELATED TO STUDENTS

STUDENT'S PARTICIPATION IN SEMINARS

S. No	Date	Name of student	Topic	Name of the Seminar	Organizing Committee and platform	National/ International
1	10.06.2021	B. Aarthi	IPR and IP Management	IPR and IP Management	Department of Bioinformatics, Nirmala College for Women	National
2	26.02.2022	B. Aarthi	Patenting and Technology Transfer	Patenting and Technology Transfer	Department of Bioinformatics, Nirmala College for Women	National
3	10.06.2021	N. Rashmiya	IPR and IP Management	IPR and IP Management	Department of Bioinformatics, Nirmala College for Women	National
4	26.02.2022	N. Rashmiya	Patenting and Technology Transfer	Patenting and Technology Transfer	Department of Bioinformatics, Nirmala College for Women	National
5	28.02.2022	N. Rashmiya	Intellectual Property Rights	IPR	Department of Botany, Nirmala College for Women	National
6	28.02.2022	B. Aarthi	Intellectual Property Rights	IPR	Department of Botany, Nirmala College for Women	National

7	10.06.2021	A. Rajeswari	IPR and IP Management	IPR and IP Management	Department of Bioinformatics, Nirmala College for Women	National
8	26.02.2022	A. Rajeswari	Patenting and Technology Transfer	Patenting and Technology Transfer	Department of Bioinformatics, Nirmala College for Women	National
9	28.02.2022	A. Rajeswari	Intellectual Property Rights	IPR	Department of Botany, Nirmala College for Women	National
10	10.06.2021	K. Mohanampal	IPR and IP Management	IPR and IP Management	Department of Bioinformatics, Nirmala College for Women	National
11	26.02.2022	K. Mohanampal	Patenting and Technology Transfer	Patenting and Technology Transfer	Department of Bioinformatics, Nirmala College for Women	National
12	28.02.2022	K. Mohanampal	Intellectual Property Rights	IPR	Department of Botany, Nirmala College for Women	National

STUDENT'S PARTICIPATION IN CONFERENCES

S. No	Date	Name of student	Topic	Name of Conference	Organizing Committee and platform	National/ International
1	24.02.2022 & 25.02.2022	B. Aarthi	Prevalent and Prospective Paradigms in Machine Learning for Applications in Biology	-	Department of Bioinformatics, Nirmala college for Women	National
2	24.02.2022 & 25.02.2022	N. Rashmiya	Prevalent and Prospective Paradigms in Machine Learning for Applications in	-	Department of Bioinformatics, Nirmala college for Women	National

			Biology			
3	24.02.2022 & 25.02.2022	A. Rajeswari	Prevalent and Prospective Paradigms in Machine Learning for Applications in Biology	-	Department of Bioinformatics, Nirmala college for Women	National
4	24.02.2022 & 25.02.2022	K. Mohanampal	Prevalent and Prospective Paradigms in Machine Learning for Applications in Biology	-	Department of Bioinformatics, Nirmala college for Women	National

STUDENT'S PARTICIPATION IN WORKSHOPS/HANDS-ON-TRAINING

S . N o	Date	Name of student	Topic	Name of Workshop/Hands-on-Training	Organizing Committee and platform	National/ International
1	20.12.2021 to 22.12.2021	B. Aarthi	Molecular Docking	Workshop	Department of Bioinformatics, Nirmala college for Women	National
2	07.08.2021 & 09.08.2021	N. Rashmiya	Backyard cultivation of blue-green alga spirulina as a source of food supplement, feed and nutraceuticals	Workshop	Department of Botany, Nirmala College for Women	National
3	07.08.2021 & 09.08.2021	K. Mohanampal	Backyard cultivation of blue-green alga spirulina as a source of food supplement, feed and nutraceuticals	Workshop	Department of Botany, Nirmala College for Women	National

4	12.07.2021 to 17.07.2021	N. Rashmiya	Women Entrepreneur and Women Empowerment	Traning	Department of Botany, Nirmala College for Women	National
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STUDENT PLACEMENT

S.No	Name	Batch	Designation	Name of the Institution
1.	Anupama Johny	2019 - 2021	Data Analyst	Scope e-Knowledge Center pvt ltd, 2nd Floor, Jayant Tech Park, No: 41, Mount Poonamallee Rd, Nandambakkam, Tamil Nadu 600089

. CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES STUDENT PARTICIPATION IN INTERCOLLEGIATE/INTERDEPARTMENTAL COMPETITIONS

S. No	Date	Event	Organized by	Students Name	Participated / Won
1	21.06.2021 to 28.06.2021	Awareness Survey	Department of Bioinformatics, Nirmala College for Women	B. Aarthi	Participated
2	-	Quiz	PG and Research Department of Botany, A.V.V.M Sri Pushpam College, Tanjavur	A. Rajeswari	Participated
3	21.06.2021 to 28.06.2021	Awareness Survey	Department of Bioinformatics, Nirmala College for Women	A. Rajeswari	Participated
4	21.06.2021 to 28.06.2021	Awareness Survey	Department of Bioinformatics, Nirmala College for Women	N. Rashmiya	Participated
5	21.06.2021	Awareness	Department of	K. Mohanmpal	Participated

	to 28.06.2021	Survey	Bioinformatics, Nirmala College for Women		
6	-	Quiz	Election Commission of India	N. Rashmiya	Participated
7	-	Quiz	Election Commission of India	A. Rajeswari	Participated
8	-	Quiz	Election Commission of India	B. Aarthi	Participated