

**ANNUAL ACADEMIC PROGRESS REPORT OF THE COLLEGE UNDER
AUTONOMY FOR THE YEAR 2021-2022**

- 1. Name & Address of the College** : D.K.M. College for Women (Autonomous),
No.57, College Road,
Sainathapuram, Vellore – 632 001
Tamilnadu.
- 2. Name of the Affiliating University** : Thiruvalluvar University, Vellore.
- 3. Current Validity period of Autonomy** : 2014 – 2020
- 4. Nature of the Institution** : Multi Faculty
UG/PG/Research/Single Faculty/Multi Faculty
- 5. Whether CBCS is implemented or Not** : Yes
- 6. Whether Accredited/Reaccredited or Not, Details** : Reaccredited ‘B’ Grade – Jan 2016

7. Academic Programmes and their details being conducted in Autonomous Colleges

	Aided	Unaided
U.G.	B.A. History B.Com. B.Sc., Mathematics B.Sc., Chemistry B.Sc., Zoology	B.Sc. Biochemistry B.Sc. Microbiology B.Sc. Nutrition Food Service Management and Dietetics B.Sc. Computer Science B.C.A. B.Com B.Sc. ISM B.Sc. Biotechnology B.B.A. B.A. English B.Sc Psychology B.ComC.A B.A Tamil B.Sc Mathematics
P.G		M.Sc. Applied Microbiology M.Sc. Computer Science M.Sc. Biochemistry M.Sc. Foods & Nutrition M.Sc. Chemistry M.Sc. Mathematics M.A HRM M.Com M.A. English M.Sc Zoology M.A. History M.Sc. Biotechnology

M.Phil (FT/PT)		M.Phil. Chemistry M.Phil. Commerce M.Phil. English M.Phil. Bio-chemistry M.Phil. Computer Science M.Phil. Management studies M.Phil. Microbiology M.Phil. Food and Nutrition M.Phil. Mathematics M.Phil. Biotechnology
Ph.D (FT/PT)		Chemistry Commerce History Zoology Mathematics Biochemistry Foods and Nutrition Microbiology Economics (PT) Tamil (PT) English(PT) Management Studies (PT)

8. Activities conducted under Autonomy 2021-2022

a) Details of Guest Lecture meetings conducted by the Department

S. No	Date	Resource Persons (Name & Designation)	Title	Online/ Offline mode	No. of Benefici aries
Department of Mathematics					
1	16.11.2021	Ms. G. Vinu Priya, Assistant Professor and Head, D.K.M College for Women(Autonomous), Vellore	National Mathematics Day Ramanujan History, Inventions and Significance	Online	100
2	11.12.2021	Ms.B.Pradeepa, Chief Manager, Max life Insurance, Gurgaon.	Guest Lecture on “The Applications of Mathematics in Artificial Intelligence and Machine Learning”	Online	130
3.	08.03.2022	Mrs.J.Abarna, Inspector of Police, Vellore.	Cyber Crime Awareness programme	Online	110

Department Of Tamil					
4.	06.01.2022	Dr. A. Hepsi Rosemary, Assistant Professor, Department of Tamil, Kerela University, Thiruvandapuram.	Kerala thamizhargalum kalvi soozhalum	Online	150
Department of Commerce					
5.	22.07.21	Ms.ChitraAnantharaman, Deputy Director, The Indian Institute of Company Secretaries of India, Southern Indian Regional Office, Chennai.	Career Counselling on 'Company Secretaryship'	Online	130
6.	23.02.22	Dr.R.K.Vimal Nandhan, Managing Director, VIS Education & Training Company, Vellore	Special Guest Lecture on 'Success Begins with Tally'	Online	73
7.	06.04.22	Dr.S.M.Krishnan, Head & Associate Professor of Commerce, Government Arts College (Men), Krishnagiri.	Endowment Lecture on 'Social Matric for Success'	Online	230
8.	06.07.2021	Young Investors Awareness Programme, by Bombay Stock Exchange	Awareness Programme	Online	416
9.	21.03.22	Mr.P.Madhu Sudhanan, IT Analyst, Tata Consultancy Services, Chennai	Association Meeting on 'Big Journey begins with Small Steps'	Online	220

b.) Details of Seminars/Workshops/Conferences conducted by the Department

S. No	Date	Title of the Seminars/ Conferences/ Workshops	State/ National/ International	Online /Offline mode	Resource Persons (Name & Designation)
Department of Chemistry					
1	18.08.2021	Recent Trends and Advances in Organic Synthesis	National	Online	Dr. T. Kumaraguru, Scientist, Biocatalysis lab, Department of organic synthesis & Process Chemistry, CSIR-Indian Institute of Chemical Technology, Hyderabad
2	24.09.2021	National level webinar in the topic "Novel Electrode	National	Online	Dr.N.S.K.Gowthaman, Post-Doctoral Researcher, School of Engineering, Monash University,

		Materials for the Sensing of Environmental Pollutants			Malaysia
3	10.06.2022	International Conference of Advances in Chemical and Biological Sciences	International	Online	Dr. S. Ganesh Ph.D., Principal Scientist, CLRI, Adyar, Chennai. Dr. Prabhakarn Arunachalam, Assistant Professor, Chemistry Department, Science College, King Saud University, Kingdom of Saudi Arabia. Dr. J. Venkatesan, Research Professor, Hanyang University ERICA, South Korea, Assistant Professor, Yenepoya research Centre, Yenepoya University, Karnataka, India.
Department of Tamil					
4	16.03.2022	Workshop on Mooligai Maruththuva Kankatchi	State level	Online	Dr D. Baskaran B.S.M.S Sri Putrumaharishi Samuga Matrum Maruththuva Maiyam, Saththuvachari, Vellore. Dr J. Anbu Jaba Sunilsun, Associate Professor, Siddha Medical Department, Tamil University, Thanjavur
5.	18.03.2022- 25.03.2022	Archeaology & Museum (7 days Workshop)	National	Online	1. M. Kalaivanan (Ex Assit director)TARC 2. Dr.P.Venkatesan (Ex Headmaster govt high school) 3. M.Gandhi (Ex curator) TARC 4. .Dr.P.Venkatesan (Ex Headmaster Govt High School) 5.Dr.R.Poogundran (Ex assit director) TARC

					6. M.Gandhi (Ex curator)TARC 7.P.Venkatesan (Ex epigrapiest) TARC
Department of Commerce					
6.	14.06.21	Awareness Webinar Programme on 'Tips for Stress Management'	State level	Online	Dr.R.Banumathy, Associate Professor of Economcis, DKM College for Women (Autonomous), Vellore.
7.	17.06.21	Awareness Webinar Programme on 'Emotional Intelligence'	State level	Online	Dr.L.Rupa, Head & Assistant Professor of Commerce, Govt. Arts and Science College, Thriupathur
8	18.06.21	Awareness Webinar Programme on 'Mental Health and Stress'	State level	Online	Dr.R.Gayathiri, Head & Assistant Professor, Dept of Commerce, (Banking & Insurance), Auxilium College, Vellore
9	30.06.21	Awareness Webinar Programme on 'Crypto Currency'	State level	Online	Mrs.Mubeen Begum S.J, Assitant Professor, Dept. of Commerce, MMES College for Women, Melvisharam.
10	05.07.21	Awareness Webinar Programme on 'Career Opportunities in Banking Industry'	State level	Online	Dr.M.Anitha, Assitant Professor & Head, PG & Research Dept. of Commerce, Arcot Sri Mahalakshmi Women's College, Arcot
11	19.07.21	Awareness Webinar Programme on 'Entreprenuership'	State level	Online	Mrs.K.Kalaivani, Assistant Professor, Dept of Commerce (Banking & Insurance), Auxilium College, Vellore,
12	08.10.2021	Construction – Executions, Challenges and Innovative Business	International	Online	Mr. R. Rajesh, Manager L& T Hydro Carbon Engineering Ltd, Dubai.
Department of Mathematics					
13	30.10.2021	Webinar on National Innovation	State level	Online	Dr.S.Sonia, Assistant Professor,

		Day titled Business Incubation Early Stage Entrepreneur			Dr.MGREducation and Research Institute, Chennai
Department of BioChemistry					
14.	16.03.2022	q- PCR a Molecular Tool: Role in Gene Expression	.State level	Online	Dr. G. Ramajayan M.Phil., Ph.D., Research Scientist, DHR – MRU, Madurai medical College / Government Rajaji Hospital, Madurai
Department of Zoology					
15.	10.08.2021	National webinar on Emerging Trends in Biosciences	National	Online	Dr. Jasmine Shah, Assistant Professor, Department of Plant Science, Central University of Kerala, Kerala Dr.K.N.Yogalakshmi, Associate Professor, Department of Environmental Science and Technology, Central University of Punjab, Punjab
16.	05.01.2022	International Webinar on Climate Change and Sustainability	International	Online	DR. Kanimozhi Ramalingam, Environmental and Sustainability Coordinator, Laing o'Rourke, Macquarie University, New South Wales, Australia
Department of Management Studies					
17.	22-01-2022	Webinar on "Achieving Problem – Solution Fit and Product – Market Fit	State level	Online	S.BalaMuruali B.Com., MBA., DHRM., UGC-NET., Ph.D, Assistant Professor Department of Business Administration, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai.
Department of Microbiology					
18.	1.12.2021	Webinar on Process of Innovation development & Technology readiness	Sate level	Online	Dr. T. Augustine Arul Prasad, Assistant Prof. in Chemistry, D.G.Vaishnav College, Chennai
19		Webinar on	National	Online	Mr. Dhaval Bhat.

	23.2.2022	Strategies to crack competitive exams in Life sciences		e	IFAS, Pune
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C) Faculty Development Programme & Programmes Organized by the College

S. No	Date	Title of the Programme	Topic	Resource Person
Internal Quality Assurance Cell				
1.	04.08.2021	Faculty Development Programme	Evaluation on Outcome based education	Dr. S. Alfred Cecil Raj, Associate Professor in Physics, St. Joseph College, Trichy.
2.	12.03.2022	Faculty Development Programme	Effective Documentation for NAAC	Mr. Shrihari Pingle Zoologist, Soft Skills Trainer, Assessment and Accrediation Mentor, Coordinator IQAC, Sangamner Nagarpalika Arts, DJ Malpani Commerce and BN Sarda Science College, Sangamner, Maharashtra.
3.	16.06.2022	Faculty Development Programme	NAAC Evaluation guidelines and self study report (SSR) Preparation	1. Dr. P. Kuppan Director of Quality Assurance and Accreditation, VIT University, Vellore. 2. Dr. S. Renuga Devi Director of Quality Assurance and Accreditation, VIT University, Vellore.
MHRD Institutional Innovation Cell				
1	18.06.2021-SESSION-1	Webinar	Opportunities for building an innovation Product fit for market	Mr.A.K Ravi Shankar, Founder & Director, BT2020
2	18.06.2021-SESSION 2	Webinar	Orientation by Ambassador for Staff and Students	Dr.A.Amirthavalli Associate Professor & Head of dept of History IIC President ,DKMC
3	06.07.2021	Webinar	Webinar on Best of Biodegradable Waste	Dr.T.Gomathi Asst Professor in Chemistry, DKM College for Women, Vellore

4	24.06.2021	Webinar	Accelerators - Incubation - Opportunities for the Students & Faculties - Early Stage Entrepreneurs	Dr.C.Vinothini Assistant Professor & Head Department of Physics ,DKMC
5	28.06.2021	Webinar	Webinar on Design Thinking as a strategy for Innovation and COVID 19 Myths and facts	Dr.M.Nagamalar,Assistant Professor ,SharmathiDevakumar national bhatt Vaishnav College,Chennai
6	11.08.2021	Webinar	Insights about “Online Trading”	Mrs Sangeetha Arunanchalam,Founder ,KadaiVeedhi,Chennai
7	31.08.2021	Webinar	“Workshop on Permanent Clay Jewellery Making”	Mrs.Jayashree Narayanan Fevicryl certified Specialist
8	25.09.2021	Webinar	Day 1 -session 1 Organizing Impact Lecture Seeries On Place Of Product And Business	Mr,SriramPrasad, CEO Keerai Kadai,Coimbatore Mr.Pameswaran, CEO, Aadhiyagai Marabhu,Ottanchatharam
9	25.09.2021	Webinar	Day 2-session 2 Impact Lecture Series On Traditional Seed Collection And Its Spread	Mr.S.S.Madav, CEO, Mini Computer, Coimbatore.
10	27.09.2021	Webinar	Manoranjitham	Mrs.UmaKesav, Spl Project Director,IWCMM
11	30.10.2021	Webinar	“Business Incubation – Early-stage Entrepreneur”	Dr.S.Sonia, Assistant Professor Dr.M.G.R Educational Research Insitution, Chennai.
12	23.11.2021	Webinar	“Pros and Cons of New Education	ECA,DKMC

			Policy”	
13	01.12.2021	Webinar	Process of Innovation Development and Technology Readiness	Dr.T.Augustine Arul Prasad,Asst professor in Chemistry,DG Vaishnav College,Chennai
14	01.12.2021 & 02.12.2021	Webinar	One day Workshop on “Instrumentation”	FIST DKMC
15	21.01. 2022	Webinar	Nursery Types and Management	Dr.Umamaheswari Asst professor & Head, Dept of Botany DKM College for Women, Vellore
16	22.01. 2022	Webinar	“Achieving Problem-Solution Fit & Product-Market Fit	Dr.S.Balamurali Assistant Professor in BBA Department Dwaraka Doss Govendan Vaishnav college
17	25.02. 2022	Webinar	“Self Driven Activities on Cosmetic Formulations	Dr.N.Dhanam Asst professor & Head, Dept of Chemistry DKM College for Women, Vellore
18	11.03. 2022	Webinar	“INTELLECTUAL PROPERTY RIGHTS	Mr.P.Hariprasath Examiner of Patents & Designs Group A Officer ,Chennai
19	07.04. 2022	Webinar	3D-Printing	Er.RaghulSivakumar,Director/Shivprema Industries Pvt Ltd ,Kanchipuram
20	24.06.2022	Webinar	Intellectual propertyRights	Dr. K. Govindaraju Scientist E/Associate Professor Centre for Ocean Research (DST-FIST Sponsored Centre) MoES - Earth Science & Technology Cell (Marine Biotechnological Studies) Sathyabama Institute of Science and Technology (Deemed to be University)
21	15.06.2022	Webinar	Investment VC	Dr.A.ArifaBegum,Asst Professor

			Funding	in Economics, Mazharul Uloom College, Ambur
22	26.04.2022	Webinar	Impact lecturer Series-II	Mrs. Deepthi Mabel, Advocate and Cooperate Trainer, Dr. Reddy foundation, Mysore Dr. B. Deepa Indian Registered Patent, INTELLPAT Patent Solution, Chennai

9. Number of seminar, conference and workshop presented and participated by the faculty

S.No	Name of the Staff	Seminar/Conference/workshop		Total
		No. of Presentation	No. of Participation	
Department of History				
1	Dr. A. Amirthavalli	1	3	4
2	Mrs. M. Vanitha	2	-	2
Department of English				
3	Mrs. R. Sarathy	-	1	1
4	Mrs. S. Indragandhi	-	2	2
5	Mrs. D. Sasikala	-	2	2
6	Mrs. D. Ramya	-	1	1
7	Mrs. E. Arivazhagi	-	2	2
Department of Mathematics				
8	Mrs. G. Vinupriya	3	4	7
9	Dr. N. Nithyapriya	-	17	17
10	Dr. M. Devi	-	7	7
11	Dr. M. Kasthuri	-	2	2
12	Mrs. R. Ramya	-	4	4
13	Mrs. C. Revathi	3	8	11
14	Mrs. Y. Vishnupriya	-	5	5
15	Mrs. B. Sarala	-	3	3
16	Mrs. Baby shalini	-	3	3
17	Mrs. M. Mythili	-	2	2
Department of Tamil				
18	Dr. G. Sujatha	3	7	10
19	Dr. S. Shanthi	1	5	6
20	Dr. S. Thamaraiselvi	1	7	8

21	Dr. S. Sasikala	1	4	5
22	Mrs. V. Geetha	1	5	6
23	Mrs. R. Sankareswari	1	5	6
24	Mrs. M. Ponni	2	5	7
25	Mrs. D Punithavalli	1	5	6
26	Dr.K.S. Thamizharasi	1	5	6
27	Mrs.M. Sridevi	-	5	5
28	Mrs. K.Yuvarani	-	4	4
Department of Psychology				
29	Mrs.D. Aarthi	-	5	5
Department of Foods and Nutrition				
30	Mrs.K.Gowthami	-	2	2
31	Ms. R. Tamilselvi	-	1	1
32	Mrs. S. Ranjitha	-	2	2
33	Ms. M. Ashiya	-	3	3
34	Ms. G. Mounika	-	2	2
Department of Microbiology				
35	Dr. A.Vidhya	-	2	2
36	Mrs. S. Arunadevi	-	11	11
Department of Management studies				
37	V.S.Palaniammal	-	17	17
38	Mrs. R.Maheshwari	-	2	2
39	Mrs. A. Rama		2	2
40	Mrs. A.Kalai selvi		4	4
41	Dr.E.Veronica		1	1
42	Mrs. P. Shobana Gayathri		2	2
Department of Computer Science and Application				
43	Mrs.G Sangeetha Lakshmi		5	5
44	Mrs. B.Arulmozhi		1	1
45	Dr. S. Tharani	1	5	6
46	Mrs. P. Shobana	-	1	1
Department of Commerce				
47	Dr.R.Padmaja	-	7	7
48	Dr. A. SudarVizhi	-	40	40
49	Dr.T.Bharathi	-	34	34
50	Dr.G. Bhavani	-	19	19
51	Mrs. D. Vijayanirmala	-	5	5
52	Dr. C.Sumitha	1	1	2
53	Dr. S.Sasikala	1	3	4

54	Mrs. J. Janani	1	-	1
55	Mrs. P. Indhumathi	3	5	8
56	Mrs. P.Elavarasi	-	2	2
57	Mrs. J.Anbazhagi	1	3	4
58	Dr. V. Sudha	-	2	2
59	Dr. S. Gayathri	-	2	2
60	Mrs. A. Kalaivani	-	2	2
61	Mrs. A. Anjupriya	-	1	1
62	Mrs. M. Malathi	-	1	1
Department of Botany				
63	Dr. L. Umamaheswari	-	1	1
Department of Physics				
64	Dr. Jabena Begum	-	1	1
Department of Chemistry				
65	Dr.T.Gomathi	-	5	5
66	Dr. D. Shakila	-	2	2
Department of Biotechnology				
67	Dr. S. Vinodhini	1	-	1
Department of Biochemistry				
68	Dr.V.Prabha	-	8	8
69	Dr. B.Hebsibah elsie	-	5	5
70	Dr.S.Asha	1	7	8
71	Mrs.G.Nithya	-	6	6
72	Dr.K.Shoba	3	6	9
TOTAL		34	359	393

10. Honours / Awards Received by the Faculties

S. No.	Name of the Staff	Year	Name of the Award	Type of Honours / Awards	Name of the Institution Inducted the award
Department of Chemistry					
1.	Dr. P. N. Sudha	2021	Listed in Top 2% Scientists in "Polymers"	Principal & Associate Professor of Chemistry	Stanford University
Department of Tamil					
2.	V.Geetha	2021	Kappiya Mandhargal	Lecture Reviews	Pongutamilsangamp anruttisenthamilsangam
3.	V.Geetha	2021	Assist World record	Lecture Reviews	Noolarangam the sen Academy

4.	V. Geetha	2022	SemmozhiSudarKalaignarViruthu	Lecture Reviews	Pasumai Vasal foudation
5.	R.Sankareswari	2021	KappiyaMandhargal	Lecture Reviews	Pongutamilsangamp anruttisenthamil sangam
6.	R.Sankareswari	2021	Assist World record	Lecture Reviews	Noolarangam the sen Academy
7.	R.Sankareswari	2021	Agaramsemmalvirudhugal	Lecture Reviews	Pasumai Vasal foudation
8.	R.Sankareswari	2022	SemmozhiSudarKalaignarViruthu	Lecture Reviews	Pasumai Vasal foudation
9.	M.Ponni	2021	KappiyaMandhargal	Lecture Reviews	Pongutamilsangamp anruttisenthamil sangam
10.	M.Ponni	2021	Assist World record	Lecture Reviews	Pasumai Vasal foudation
11.	D.Punithavalli	2021	KappiyaMandhargal	Lecture Reviews	Pongutamilsangamp anruttisenthamil
12.	D.Punithavalli	2021	Assist World record	Lecture Reviews	Pasumai Vasal foudation
13.	D.Punithavalli	2021	Agaramsemmalvirudhugal	Lecture Reviews	Pasumai Vasal foudation
14.	D.Punithavalli	2022	SemmozhiSudarKalaignarViruthu	Lecture Reviews	Pasumai Vasal foundation
Department of Physics					
15.	Dr.C.Vinothini	2021-22	Teaching Excellence Award	Teacher	I2OR International
16.	Dr. N. Jabena Begum	2021-2022	Gna Ooli Virudhu	Teacher	Pasumai Vasal Foundation, Dindigul

11. Details of staff members acted as Chief Guest/Resource Person/ Judges/Chair person for the programmes during the Year

S. No.	NameoftheStaff	Details of theProgram me	Venue	Acted as
Departmentof History				
1.	Lt.Dr.A.Amirthavalli	IIC – MHRD	Google Meet	Resourse Person
2.	Lt.Dr.A.Amirthavalli	CAS Screening-Cum– Evolution Commission	Government Arts College, Tiruvannamalai	Resourse Person

3.	Lt.Dr.A.Amirthavalli	CAS Screening- Cum- Evolution Commission	Government Thirumagal Mills College, Gudiyattam	Resource Person
Department of Chemistry				
4.	Dr. M. Nagarathinam	Result passing board meeting	Muthurangam govt. arts college, Vellore	Chairperson
5.	Dr. S. Santha Lakshmi	M.Phil Viva Voce,	Abdul Hakeem College, Melvishram.	External Examiner
6.	Dr. N. Dhanam	MHRD IIC DKMC – Webinar- “Cosmetics and Sanitizers”	D.K.M College for Women, Vellore.	Resource Person
7.	Dr. T. Gomathi	MHRD IIC DKMC – Webinar – “Best out of biodegradable waste”	D.K.M College for Women, Vellore.	Resource Person
Department of Mathematics				
8.	Dr.N.Nithyapriya	Research Forum - Invited Talk on Mathematical Modelling	Department of Mathematics, Sacred Heart College Tirupattur	Resource Person

12. CURRICULUM DESIGN AND DEVELOPMENT

Details of the Curriculum Changes in syllabus during 2021-2022

Program Code of revised syllabus	Program name of revised syllabus	Year of revision	Percentage of Syllabus content added or replaced	Specify the changes made in the syllabus
Department of History				
U06	B.A History	2021-2022	100%	History of India upto 1000 A.D.
U06	B.A History	2021-2022	100%	History of India from 1000 A.D to 1526 A.D.
U06	B.A History	2021-2022	100%	History of India from 1526A.D to 1707 A.D.
U06	B.A History	2021-2022	100%	History of India from 1707 A.D to 1858 A.D.
P03	M.A History	2021-2022	100%	History of India from 1206 A.D.
P03	M.A History	2021-2022	100%	History of India from 1206 A.D to 1707 A.D
P03	M.A History	2021-2022	100%	Social and Cultural History of Tamil Nadu from Sangam Age to 1565 A.D.
P03	M.A History	2021-2022	100%	Intellectual History of the 19 th Century India
P03	M.A History	2021-2022	100%	Constitutional History of India from 1773 A.D. to 1947 A.D.
P03	M.A History	2021-2022	100%	History of India from 1707 A.D. to 1885 A.D.
P03	M.A History	2021-2022	100%	History of India from 1885 A.D. to 2001 A.D.

P03	M.A History	2021-2022	100%	Social Cultural History of Tamil Nadu from 1565 to 2000A.D
P03	M.A History	2021-2022	100%	Intellectual History of the 20 th Century India
P03	M.A History	2021-2022	100%	Republican Constitution
P03	M.A History	2021-2022	100%	Human Rights
Department of Chemistry				
U17	B.Sc., Chemistry	2021-2022	80 %	Introduced optional Internship Training during IV semester summer vacation with an extra credit of one. Resolved optional Mini Project with an extra credit of one.
P14	M.Sc., Chemistry	2021-2022	80 %	Resolved optional Internship Training during II semester summer vacation with an extra credit of 1-3. Introduced optional Self Study Paper with 2 credits.
Department of Mathematics				
U25	B.Sc. Mathematics	2021-2022	10%	Skill Based- Mathematical Modelling with Spread Sheet- Minor changes are done in unit I and III
U25	B.Sc. Mathematics	2021-2022	100%	Skill Based paper - Numerical Methods, the text book is changed. The sections are included as per the text book.
P20	M.Sc. Mathematics	2021-2022	3%	In II semester, Elective paper titled Operations Research, the topic Decision Theory is modified as Decision Theory and Decision Trees in Unit I.
P20	M.Sc. Mathematics	2021-2022	5%	In IV semester Core paper titled Complex Analysis II, the topic Riemann Mapping theorem is modified as Riemann Mapping theorem and Conformal Mapping in Unit II. Inclusion on the topic Elliptic function and its properties are made in Unit III. The topic Analytic continuation is extended as Analytic continuation in Global Analytic functions.
P20	M.Sc. Mathematics	2021-2022	3%	In IV semester Elective paper titled Difference Equations, heading is modified as System of Linear Difference Equations. In unit III, the inclusion of the topic Volterra Difference Equations is made and slight modifications are made in unit IV.
Department of Zoology				
U33	B.Sc Zoology	2021-2022	5%	Chordata Classification of Chordates-Protochordata, Cephalochordata, Hemichordata, Urochordata

				<p>Reproductive system-Yolksac Placenta Migration of Fishes-Anadromous, Catadromous and Amphidromous. Respiratory system- Cutaneous, Buccopharyngeal and Pulmonary Male and Female Urinogenital system.Flightless Birds; Typical structure of Feather and their Types Chiroptera- Flying mammals: Prototheria- Egg laying mammals; Metatheria- Marsupial mammals</p>
U33	B.Sc Zoology	2021-2022	5%	<p>Cell Biology Cell Theory, Structure of Plasma membrane, Cell Junctions- Desmosomes, Tight Junction, Zonula adhaerens and Gap junction, Cell cycle and cell division –Types- Direct cell division (Amitosis), Indirect cell division (Mitosis) and Reduction division (Meiosis), Structure and functions of Nucleic acids- DNA (Watson and Crick’s model), Types of RNA (messenger RNA (mRNA), Transfer RNA (tRNA), Ribosomal RNA (rRNA), (Carcinomas-lung cancer, Sarcomas-Osteosarcoma, Lymphomas-Hodgkin’s disease, Leukemias- leukemic cancer) - Causes of Cancer</p>
U33	B.Sc Zoology	2021-2022	5%	<p>Public health and hygiene Classification of Foods-macro nutrients (Carbohydrate, Protein and Lipid), Air Pollution, Water Pollution, Soil pollution and Noise pollution and Associated Health Hazards, Diabetes- (Type I and Type II)</p>
U33	B.Sc Zoology	2021-2022	5%	<p>Allied zoology paper-II Life History of <i>Plasmodium vivax</i>, Spicules and Canal System in Sycon, Metagenesis of Obelia geniculate, Taeniasis- causes and prevention. Excretory system of earthworm, Prawn Appendages (Cephalic, Thoracic and Abdominal), Sea Star-Pedicellaria, Chordata- General characters of Prochordata: Morphology and affinities of Amphioxus, Frog Cutaneous, Buccopharyngeal and Pulmonary, Calotes-Digestive system, Pigeon- Typical structure of Feather and its types, Respiratory System – Air sacs</p>
U33	B.Sc Zoology	2021-2022	5%	<p>Vermiculture Steps involved in Vermiculture, Requirements of vermicomposting.</p>

				Digestive, Excretory and Reproductive system of <i>Lampito Maruitti.</i> , Types of Vermiculture-Monoculture & Polyculture, Predators, Parasites and pathogens of Earthworm, Vermiwash-Applications of Vermiwash
U33	B.Sc Zoology	2021-2022	5%	Genetics Mendelian Law of Dominance, Law of Segregation, Types of Linkage, Mutant forms of Drosophila (Vestigial wing, Ebony, White Eye, Yellow Body and Bar Eye), Colour Blindness, Haemophilia, Hypertrichosis and Ichthyosis hystrix in Man, Sex Influenced genes-Baldness in Man & Index Finger, Non Disjunction (Klinefelter, Turner & Down syndromes), Gynandromorphs in Man, Simple Mendelian Traits in Man, Heterosis, Outline of Operon concept, Types of Soil (Based on Texture, Structure and porosity), Utilization of Different Strains of Blue Green Algae, Mass Cultivation of Azolla and its application, Gaseous cycle-Nitrogen cycle
U33	B.Sc Zoology	2021-2022	5%	Allied zoology paper-II Structure of DNA (Watson and Crick's model) and RNA (mRNA, tRNA and rRNA), Micronutrition (Carbohydrates, Proteins, Lipids) and Micronutrients (Minerals & vitamins), Ecological Pyramids, Inheritance of acquired characters-Lamarckism and Natural Selection- Darwinism, Inheritance of acquired characters-Lamarckism and Natural Selection- Darwinism, rDNA Technology-Tools and Application of Biotechnology, Obesity of Man-Causes and their preventive measures.
U33	B.Sc Zoology	2021-2022	5%	Apiculture Taxonomical position of Honey Bees, Equipments required for Bee Keeping, Bee Diseases (Bacterial, Viral and fungal) and their Pests, Economics of Bee
U33	B.Sc Zoology	2021-2022	10%	Biotechnology Steps involved in gene cloning- Enzymes :Exonucleases, Endonucleases, Restriction enzymes, DNA Ligase - Linkers and Adaptors, DNA Polymerase, Vectors- Plasmid vectors, Vectors based on the lambda Bacteriophage, Cosmids, M13 vectors, Expression vectors,

				<p>Vectors for cloning and expression in Eukaryotic cells, Insertion vector, Replacement vector.</p> <p>Introduction of rDNA into host cells - Microinjection, Electroporation, Microprojectile, Shot Gun method, Ultrasonication, Liposome fusion, Microlaser, Molecular markers - RAPD, SNPS, RFLP and DNA finger printing. Nucleic acid hybridization- Blotting types and applications, FISH. DNA Sequencing- Maxam & Gilbert, Sanger & Coulson method and automated DNA sequencing,</p> <p>Biopesticides (<i>Bacillus thuringiensis</i>) – Biofertilizers- Rhizobium and Azotobacter, Commercial production of Insulin -Human Genome Project- Artificial Intelligency- Gene therapy, - Isolation of Microorganisms. Preparation of inoculum, Medium formulation and preparation, Purification of Enzymes. Artificial enzyme (Synzymes)</p>
U33	B.Sc Zoology	2021-2022	5%	<p>Developmental biology</p> <p>Structure of Egg, Types of Mammalian eggs, Polarity of Egg, Spermatogenesis- Spermogenesis. Oogenesis-Pre-vitellogenesis and Vitellogenesis Cleavage and Gastrulation of frog & Cleavage and Gastrulation of chick. Monozygotic and Dizygotic twins. Merits and Demerits of Contraceptive devices- Male and Female Infertility</p>
U33	B.Sc Zoology	2021-2022	5%	<p>Animal physiology</p> <p>Macro-metabolites- Carbohydrates, proteins, fats, Micro-metabolites- minerals, and vitamins Types- Fat soluble and Water soluble vitamins – Sources & their deficiency diseases. Digestion- Mechanism of Digestion and its Absorption. Components of Blood- Clotting factors, Myosin and Actin, Physicochemical changes during muscle contraction, Conduction of Nerve Impulse, Sensory Receptors- Photoreceptor, Photoreceptor, Olfactory Receptors, Gustatory Receptor and Thermoreceptor</p>
U33	B.Sc Zoology	2021-2022	5%	<p>Biochemistry and Biostatistics</p> <p>Physical properties of water, Chemical buffer, Respiratory mechanism and Renal mechanism, Emden Meyerhof Pathway and TCA cycle, Respiratory chain, Laws of Thermodynamics- First and second law- Concepts of Free Energy,</p>

				Frequency Distribution without class interval, Frequency Distribution with class interval and cumulative frequency distribution, Measures of central tendency: (Discrete and Continuous series), Rules for Calculating Probabilities-Venn Diagram
U33	B.Sc Zoology	2021-2022	5%	Human endocrinology Structure of hypothalamus and Pituitary gland – Adenohypophysis, Neurohypophysis and Pars Intermedia, Hypothalamic Hypophyseal portal system and its regulation for release of Pituitary hormones. Hypo and Hyper secretion, physiological effects of hypo and hyper secretion of insulin, Adrenal cortex hormones
U33	B.Sc Zoology	2021-2022	5%	Aquarium fish keeping Maintenance of Aquarium, Freshwater aquarium fishes - guppy, Molly, Sword tail, and Gold fish and Marine aquarium fishes - Anemone Fish, Angel Fish, and Butterfly Fish, Types, Soil Profile, Pedogenesis, Light- Biological Effects of Light, Temperature- Biological Effects of Temperature, Water-Properties of water, Biogeochemical cycles – Gaseous cycle- Carbon, Nitrogen and Sedimentary cycles. Sulphur, and Phosphorous. Types of Pollution- Water, Air, Land, Thermal, Nuclear & Pesticide pollution and its causes, effects (with examples)
U33	B.Sc Zoology	2021-2022	5%	Immunology Innate- Natural immunity and Acquired- Adaptive immunity, Gamma, Alpha, Macro, Delta and Epsilon immunoglobulin (IgG, IgA, IgM, IgD, IgE), Heat killed and Chill Killed, Vaccination Chart- Immunization schedule of children & Adult- recent trends.
U33	B.Sc Zoology	2021-2022	5%	Evolution Origin of life: Theory of Spontaneous generation, NeoDarwinism. De Vries concept of Mutation. Synthetic theory of evolution- Hardy Weinberg Equilibrium, Genetic Drift. Pre-zygotic and Post-zygotic isolating mechanism & Speciation-Allopatric, Peripatric, Parapatric and Sympatric, Patterns of distribution. Geological time scale- Azoic, Archaeozoic, Proterozoic, Palaeozoic, Mesozoic, Cenozoic era. Evolutionary significance of Dipnoi, Amphibia

U33	B.Sc Zoology	2021-2022	5%	Medical laboratory technology (MLT) Centrifuge- Ultracentrifuge, BP Apparatus, Introduction to hematology, Count of RBC, WBC in Healthy and Diseased Condition using Haemocytometer. Estimation of Haemoglobin using Haemoglobinometer, Minor and Major cross matching, Typhoid – widal test, Tuberculosis- Radiology, Cholera-TCBS; Viral Diseases- COVID 19- Rt-PCR Technique, AIDS- ELISA Technique , Measles and Mumps- Serological techniques; Protozoan Diseases- Amoebiasis- Stool Test and malaria- Gold Standard Method; Nematode diseases-Filariasis- Smear Test, Coronary heart diseases- Abstructive and Non abstructive, Semen analysis
U33	B.Sc Zoology	2021-2022	5%	Microbiology History and scope of Microbiology- R.H Whittakar 5 Kingdom classification- Characters and basic classification of Virus, Bacteria, Fungi and Protozoa. Virus- Structure and Life cycle of T4 bacteriophage , Bacteria- Ultra structure of <i>E. coli</i> , Fungi- Candida, Protozoa- <i>Entamoeba</i> Sterilization- Culture techniques-Media and its types, pure culture, Pour Plate, Spread Plate and Streak plate techniques. Staining- Gram and Acid fast- Bacterial growth and growth curve – factors influencing bacterial growth- Methods and preservation of cultures, Biogas production, COVID-19
U33	B.Sc Zoology	2021-2022	5%	Sericulture Mulberry Cultivation and Harvesting of Mulberry leaves,
P23	M.Sc Zoology	2021-2022	5%	Paper-IV- Genetics: Chemical Nature of genetic material (DNA and RNA).Cytogenetics:Cytogenetics-Structural and Numerical Changes in Chromosomes(Mutation-I and Mutation-II).
P23	M.Sc Zoology	2021-2022	5%	Paper-v- Environmental Biology& Evolution: Physical environment; biotic environment; biotic and abiotic interactions.Community Ecology: Nature of communities; community structure and attributes; levels of species diversity and its measurement; edges and ecotones. Aquatic environments (Freshwater, Marine and Eustarine) Terrestrial environments(Forest and

				Grass land). Biosphere reserves - agricultural ,Wildlife conservation and management (Project Tiger). Paleontology – Evolutionary time scale- Era periods and Epoch. The concept of neutral evolution. Human Evolution- Evolution of Man.
P23	M.Sc Zoology	2021-2022	5%	Paper-VI- Biotechnology and Bioinformatics: (Blotting techniques - Southern blotting - Northern blotting - Western blotting).Gene probe - Molecular finger printing (DNA finger printing) - RFLP and RAPD- the PCR techniques - Genomic library .Transgenic animals (Mice ,Goat and Rabbit). Genomics and its application to health and agriculture, including gene therapy.
P23	M.Sc Zoology	2021-2022	5%	Elective Paper Endocrinology: Adenohypophysis and Neurohypophysis - hormone secretion, its functions and disorders.Metabolic effects of thyroxine and thyroid dysfunction. Regulation of insulin secretion. Emergency hormones.Hormonal regulation of estrous and menstrual cycle.
P23	M.Sc Zoology	2021-2022	5%	Paper-VII-Comparative Animal Physiology: Role of gastrointestinal hormones in digestion.Respiration in Invertebrates and Vertebrates. Respiratory pigments. Osmoregulation in terrestrial animals. Transmission of nerve impulse (Chemical and Electrical). Hibernation, Aestivation and Diapause.
P23	M.Sc Zoology	2021-2022	5%	Paper VIII- Developmental Biology: Experimental analysis in the early development of Amphibians (Spemann and Mangold).Development of eye lens ,ear and heart in mammals. Apoptosis.
P23	M.Sc Zoology	2021-2022	5%	Paper-IX Microbiology and Immunology: Epidemiology (Transmission , Disease Susceptibility -control measures–Mitigation of Covid-19) diseases in man.Mediators of Immune system.MHC(Major Histocompatibility complexes)/HLA(Human leukocyte antigen genes
P23	M.Sc Zoology	2021-2022	5%	Elective paper: III Biochemistry and Biophysics: Forces between Molecules. (Van der Waals, electrostatic, hydrogen bonding, hydrophobic interaction, etc.).

				Immunocytochemistry. Delayed effects of radiation – Senectitude.
P23	M.Sc Zoology	2021-2022	5%	Paper-X- Research Methodology and Biostatistics: Research Design- Definition-Characteristics and Types of research design. Literature review. Nature of Intellectual Property:Patents, Designs, Trade and Copyright. Hypothesis Testing – Sampling Distribution-Level of Significance/, Correlation—Types of Correlation.
P23	M.Sc Zoology	2021-2022	5%	Elective Paper-IV Entomology: Morphology and Classification of insects up to order with examples(<i>Apterygota and Pterygota</i>). Api culture. Insects as crop pests: (Rice,Pulses ,Sorghum). Principles and methods of pest suppression- Natural Control-Climatic factors and Physical factors. Artificial Control.
Department of Commerce				
U10	B.Com(IYear)	2021-22	100%	In Semester II, Course Business Communication, having 4 credits will be changed to 3 credits
U10	B.Com(IYear)	2021-22	100%	In Semester III, Course Modern Banking, having 4 credits will be changed to 3 credits.
U10	B.Com(IYear)	2021-22	100%	In Semester IV, Course Business Management, having 4 credits will be changed to 3 credits.
U10	B.Com(IYear)	2021-22	100%	In Semester V, <ul style="list-style-type: none"> • Course Entrepreneurial Development will be shifted from Semester V to Semester VI. • With regard to Elective II, Course – Modern Marketingwill be shifted from Semester V to Semester VI as Elective IV. • With regard Skill based subject III, Course – Human Resource Management is shifted to Semester VI, as Skill based Subject IV.
U10	B.Com(IYear)	2021-22	100%	In Semester VI, <ul style="list-style-type: none"> • Course Auditing will be shifted from Semester VI to Semester V and the credits will also be changed from 4 to 3. • With regard to Elective IV Course – Functional Tally will be shifted from Semester VI to Semester V as Elective II. • With regard Skill based subject IV, Course – Goods and Services Tax is shifted to

				<p>Semester V as Skill based Subject III.</p> <ul style="list-style-type: none"> • Credits for the Course- Cost Accounting-II have been changed from 4 to 5. • Credits for the Course – Financial Management has changed from 4 to 5. • Credits for the Course – Income Tax Law & Practice – II have been changed from 4 to 5. • It is resolved to approve the increased credits from 23 to 27 in Semester VI for the students admitted from 2021-22 for B.Com/B.Com Embedded Program.
U11	B.Com CA	2021-22	20%	In Semester IV , in the Skill Based Subject II, Title of Course “Business Communication” the topic Blogging and Virtual conferencing to be included in Unit V as it is the need of the hour.
				In Semester IV , in the Non-Major subject II, Title of the Course “Fundamentals of Commerce” the following changes are made. <ul style="list-style-type: none"> a. The topic “Types of Trade and Commerce” in the place of “Commerce and Trade” to be included in Unit – II. b. To merge Units III and IV in the name as “Sole Proprietorship and Partnership firm” in one single unit as Unit III. c. Unit IV to be introduced newly in the topic “E-Commerce”.
U11	B.Com CA	2021-22	20%	In Semester IV , in the Non-Major subject II, Title of the Course “Fundamentals of Commerce” the topic “Trade during Pandemic Period” to be included in Unit II.
P09	M.Com	2021-22	20%	In Semester IV, Main Paper XIII, Title of Course “Income Tax and Tax Planning” the following changes are made: <ul style="list-style-type: none"> a. In Unit IV, the topic Tax Planning for Individuals to be shifted to Unit V. b. The title of Unit V is renamed as Assessment Procedure and Tax Planning and the repeated concepts are excluded from Unit V for the better suitability of the subject.
P09	M.Com	2021-22	20%	In Semester IV, Main Paper XV, Title of the Course “Security Analysis and Portfolio Management” the practical problems to be included in the syllabus and the distribution between theory and Practical Problems to be in the ratio of 80:20.

P09	M.Com	2021-22	20%	In Semester III, Main Paper X, Title of the Course “Organizational Behavior” the case studies to be added in to the syllabus.
Department of Tamil				
CTA	BA TAMIL	2021-22	80%	Foundation tamil Unit -1 Thirugnasamandhar devaram-thiru brammapuram Sundarerdevaram- thiruvainallur Thirumular thirumandhiram- sarguru neri Unit – 2 Namazhvar thiruvaimozhi Unit -3 Vikirama choza ula Tamilvidu thuthu Unit – 4 Voo.ve.sa vazhkai varalaru.
Department of English				
U04	B.A English	2021-2022	20%	Introduced new detailed and non-detailed literary texts of American literature
U04	B.A English	2021-2022	20%	Texts with special Indian identity retaining the traditional texts are included.
U04	B.A English	2021-2022	20%	Unexplored prose piece of British authors are included.
U04	B.A English	2021-2022	20%	Prescribed Drama that projects deep sense of British Culture.
U04	B.A English	2021-2022	20%	Included other important texts of classical writers.
U04	B.A English	2021-2022	20%	Included historical and Critical Works of Shakespeare.
U04	B.A English	2021-2022	20%	Prescribed texts of from western and Indian postcolonial literature.
U04	B.A English	2021-2022	20%	New critical texts of female authors were prescribed.
P02	M.A. English	2021-2022	20%	Upcoming and popular Literary text of the new century is added.
P02	M.A. English	2021-2022	20%	Prescribed new texts of American authors.
P02	M.A. English	2021-2022	20%	Included new texts from other writers of World Classics.
U04	B.A English	2021-2022	20%	Included other novels of Indian writers in English.
U04	B.A English	2021-2022	20%	Introduced texts that emphasis crime fiction in deep.
U04	B.A English	2021-2022	20%	Prescribed texts that allows to analyse critical perspectives in the plays of Shakespeare.

U04	B.A English	2021-2022	20%	Introduced new texts of modern European Writers.
U04	B.A English	2021-2022	30%	Prescribed new texts of various authors.
U04	B.A English	2021-2022	100%	Introduced new skill oriented topics to develop employability skills.
U04	B.A English	2021-2022	100%	Introduced popular text of writers from all genres.
U04	B.A English	2021-2022	100%	Prescribed texts emphasizing language and Literature.
Department of Biochemistry				
U15	B.Sc Biochemistry	2021-2022	10%	Changes made in Bioorganic chemistry, Analytical Techniques, Genetics and molecular biology, Hormonal biochemistry, Nutrition and plant biochemistry, Biotechnology, Immunology.
U15	B.Sc Biochemistry	2021-2022	10%	Changes made in Bioinformatics – skill based paper.
P12	M.Sc Biochemistry	2021-2022	75%	Changes made in Ecology, Evolution and Proteomics.
P12	M.Sc Biochemistry	2021-2022	5%	Changes made in immunology, Biotechnology and Bioinformatics.
Department of Biotechnology				
U16	B.Sc., Biotechnology	2021-2022	20%	Inclusion of topics in Unit IV (Introduction of Cancer biology, tumor antigens, types of tumor antigens, tumor specific antigens and tumor associated antigen.) Inclusion of topics in Unit V (Purifications of antigens and antibodies by affinity chromatography)
U16	B.Sc., Biotechnology	2021-2022	10%	Inclusion of topics in Unit I (DNA packaging in nucleosome, chromatin and chromosome)
U16	B.Sc., Biotechnology	2021-2022	20%	Inclusion of topics in Unit IV (Types of harvesting, types and size of garden, benefits of harvesting and beneficial connection in the kitchen garden, maintenance of roof top.)
U16	B.Sc., Biotechnology	2021-2022	2%	Inclusion of topics in Unit V (Case studies).
U16	B.Sc., Biotechnology	2021-2022	5%	Inclusion of topics in Unit V (Genetic counseling drug screening and development.
U16	B.Sc., Biotechnology	2021-2022	2%	Inclusion of topics in Unit V (Protein expression 3D structure prediction (homology modelling).
U16	B.Sc., Biotechnology	2021-2022	10%	Inclusion of topics in Unit II (Global alignment). The title of the third unit has been changed from Proteomics to Proteomics & Genomics. Inclusion of topics in Unit III (Genomics-structural genomics, comparative genomics

				&functional genomics).
U16	B.Sc., Biotechnology	2021-2022	2%	The title of unit IV has been changed from Scope of traditional medicines to Overview of Ayurvedic medicines.
U16	B.Sc., Biotechnology	2021-2022	5%	Inclusion of topics in Unit V (Face transplants, human genome projects, 3 dimensional printed organs)
U16	B.Sc., Biotechnology	2021-2022	20%	The title of unit IV has been changed from Bioenergy and Bioplastics to Bioenergy and applications of fresh water and marine water environment. Inclusion of topics in Unit V (Introduction to aquatic resources, diseases in aquaculture, diagnostics diseases, bioactive compound from marine sources such as algae, bacteria)
P13	M.Sc., Biotechnology	2021-2022	5%	Inclusion of topics in Unit III (Footnotes and Bibliography, References and Citation methods, thesis writing, synopsis writing).
Department of Computer Science				
U18	B.Sc-Computer Science	2021-2022	30%	Software Engineering
U18	B.Sc-Computer Science	2021-2022	30%	ASP.NET Practical
U09	BCA-Computer Applications	2021-2022	30%	Software Engineering
U09	BCA-Computer Applications	2021-2022	30%	ASP.NET Practical
Department of Management Studies				
U08	BBA	2021- 2022	20%	Semester –III Course: “Training and Development” (20%changed) In Unit I – Determining Training needs has been replaced with Training need analysis (TNA) In Unit II – Technology of Training, Building effective instructions, Incorporating learning Principles has been replaced with Learning Theories (Classical Conditioning and Operant Conditioning) In Unit III – Training Design has been replaced with types of training. In Unit IV – Methods of training has been replaced with career development. In Unit V – Special issues in Training and development has been introduced.
U23	B.Sc (ISM)	2021-	10%	Semester–IV

		2022		<p>1. Course: “Organizational Behavior” (10%changed)</p> <p>In Unit II -Learning theories, OB Modification has been removed.</p> <p>In Unit III -Stress topic has been removed</p> <p>In Unit IV – Group Behavior, Organization climate and culture has been removed.</p> <p>In Unit V- Management By Objectives, Managerial Effectiveness, Factors in Organizational Effectiveness.</p>
U23			10%	<p>Semester–V</p> <p>Course: “Marketing management (10%Changed)</p> <p>In Unit I - Buyer Behavior, Market Segmentation need has been removed</p> <p>In Unit II- Levels of a product, Significance of product planning, Product Objectives and policies, Factors affecting product mix has been included.</p> <p>In Unit IV – Distribution problems, Compensation plan, Motivating Sales force has been removed.</p> <p>In Unit V- Reasons for increasing sales has been removed.</p>
U23			20%	<p>Course : “Human Resource Management”(20%changed)</p> <p>In Unit I - Job Analysis Topic has been removed.</p> <p>In Unit II – Placement, Evaluation of Orientation Programme, Induction in Indian Industry, Topics has been removed.</p> <p>In Unit III – Linkage of Performance Management to other HR Processes, PA through MBO, 360 degree Appraisal technique, use of technology and e-PMS, International aspects of PMS has been replaced with the topic of Competency Mapping.</p> <p>In Unit IV- Executive compensation, Demotion, Stay interview has been removed.</p> <p>In Unit V- HR Accounting has been removed.</p>
P04	M.A.HRM	2021-2022	2%	<p>SEMESTER II</p> <p>Organizational Behavior (2%changed)</p> <p>In Unit II – Principles, Reinforcement, Types of Reinforcement, OB Modification has been removed.</p>

				<p>In Unit III – Stress, Interpersonal Behavior has been removed.</p> <p>In Unit IV –Organization conflict has been removed.</p> <p>In Unit V – Strategic Constituencies approach, Maximization of effectiveness, Managerial Effectiveness, Factors in Organization Effectiveness has been removed.</p>
Department of Microbiology				
U26	B.Sc., Microbiology	2021-2022	20%	<p>Core II – Cell biology & Genetics – In Unit I Meiosis included</p> <p>Core III- Immunology – In Unit III Hemagglutination and Hemagglutination inhibition, in Unit IV HLA typing included.</p> <p>Allied III – Bioinstrumentation – Unit III Paper and TLC, Unit V Hazards of radioisotopes included.</p> <p>Core IV- Molecular Biology – In Unit IV Post translational modification has been included.</p> <p>Allied IV – Biostatistics – In Unit V Student t test has been included.</p> <p>Allied Microbiology I – In Unit V Pox virus has been included</p> <p>Allied Microbiology II- In Unit II Water borne diseases, Unit III Sources of Contamination has been included</p> <p>Core V -Medical Bacteriology- In Unit IV Proteus vulgaris, Unit V Iatrogenic Infection has been included</p> <p>Core VI -Food and Dairy Microbiology -In Unit IV Bacterial -Staphylococcal, Clostridial, Escherichia coli, Salmonella, Non-Bacterial-Hepatitis, Amoebiasis, Mycotoxins-Aflatoxins</p> <p>Core VII -Medical Mycology and parasitology- In Unit II Dermatophytes, Unit III cryptococcosis, Unit IV Malaria has been included.</p> <p>Elective I- Recombinant DNA Technology- In Unit I Types of Restriction Endonucleases, Unit IV Dot and Slot Blotting has been included.</p> <p>Elective II- Principles of Biology- In Unit V Food Web has been included.</p> <p>Core VIII- Medical Virology- In Unit II Next Generation sequencing, Unit V Plasma therapy has been included.</p> <p>Core IX – Environmental and Agricultural</p>

				<p>Microbiology-In Unit V Bioremediation-Types, Phytoremediation and Pycoremediation has been included.</p> <p>Core X- Industrial and Pharmaceutical Microbiology- In Unit I Screening has been included.</p> <p>Elective -III Microbial Biotechnology- In Unit I Types of fermenters has been included.</p> <p>Elective -IV Marine Microbiology -In Unit V Bioluminescence has been included</p>
P10	M.Sc., Microbiology	2021-2022	20%	<p>Core IV- Virology – In Unit I Next Generation Sequencing, Unit III Prevention of Plant diseases, Unit V Nido& Filo virus has been included</p> <p>Core V - Genetic Engineering – Unit II Structure of PBR 322, Ti plasmid has been included.</p> <p>Core VI- Food, Dairy and Environmental Microbiology -In Unit I Hydrostatic Pressure, High Voltage pulse, Microwave processing, Unit II HACCP, Unit V Role of GEM in Bioremediation has been included.</p> <p>Elective -II -Biological Techniques- in Unit IV FT-IR, Unit V Hazards of Radioisotopes has been included.</p> <p>Core -VII – Medical Parasitology, Mycology and Entomology- In Unit I Parasites causing Infection in AIDS Patients, Unit IV Dermatophytes, Rhinosporidiosis has been included.</p> <p>Core VIII -Industrial and Pharmaceutical Microbiology-In Unit I Screening and strain improvement has been included.</p> <p>Core IX – Advance in Biotechnology-In Unit V Synthesis -Mechanism, Nano Biosensors, Drug Delivery has been included.</p> <p>Elective-III – IPR, Biosafety and Quality Control -In Unit I Convention on Biodiversity (CBD), Process Patent and Product patent has been included.</p> <p>Core X Research Methodology- In Unit II Review Process, Unit V format for Writing Paper for publication has been included.</p> <p>Elective -IV Biostatistics -In Unit I Lorenzo curve has been included</p>
Department of Foods and Nutrition				

U27	B.Sc., Food Service Management & Dietetics	2021-2022	100%	Inclusion of NET oriented syllabus added
U27	B.Sc., Food Service Management & Dietetics	2021-2022	100%	New ideas of genetic nutrition
U27	B.Sc., Food Service Management & Dietetics	2021-2022	100%	Inclusion of basic research ideas
U27	B.Sc., Food Service Management & Dietetics	2021-2022	100%	To gain food safety knowledge
U27	B.Sc., Food Service Management & Dietetics	2021-2022	100%	New technologies were included
P18	M.Sc Foods And Nutrition	2021-2022	100%	New food analysis methods were included
P18	M.Sc Foods And Nutrition	2021-2022	100%	For preparation of UGC NET exam
P18	M.Sc Foods And Nutrition	2021-2022	100%	Inclusion of new ideas about Food spoilage
Department of Psychology				
U36	B.Sc., Psychology	2021-22	15% Shuffled	In the course Research and Statistics in Psychology under Semester I, Unit IV and V shuffled and rank correlation was removed
U36	B.Sc., Psychology	2021-22	5% added	In the course Educational Psychology under Semester II, Intellectual Disability was added in Unit-III
U36	B.Sc., Psychology	2021-22	5% added	In the course Abnormal Psychology-I under Semester III, Illness Anxiety Disorder was added.
U36	B.Sc., Psychology	2021-22	5% added	In the course Counselling and Guidance under Semester IV, Counselling for Contemporary issues was added in Unit-I

13. Innovations under Autonomy

a) Details of grants received by Staff members

Name of the staff	Year	Details of the project	Funding agency	Amount Rs.
Dr.S.Asha, Assistant Professor, Department of Biochemistry	2021	Exogenously applied Degradable mixed chelators (EDTA,OA&CA)enhances Medicago sativa phytoextraction efficiency in heavy metal contaminated soils	TNSCST	7,500
Dr. Vijayakumar i Assistant professor, Department of Zoology	2021	Qualitative analysis of biocompost prepared from Jeevamrutham and horse manure to enhance the growth of Capsicum annum	TNSCST	7500

a. Details of research papers per teacher in the Journals notified on UGC website during the year

Title of the paper	Name of the author/s	Name of journal	Year of publication	ISBN/ISSN number
Department of Chemistry				
Facile Fabrication of g-C ₃ N ₄ /Fe ₃ O ₄ Photocatalyst with Enhanced Visible-Light Photocatalytic Activity towards the Degradation of Tartrazine Dye,	S. Nikhil, R. Arunadevi , Krishna Veni, C. Sudhakar, A. Karthika, A. Suganthi,* M. Rajarajan,	Asian Journal of Chemistry	2021	0975-427x
Nanochitosan/carboxymethyl cellulose/TiO ₂ biocomposite for visible-light-induced photocatalytic degradation of crystal violet dye,	S. Sugashini, T. Gomathi , R. Arunadevi , P.N. Sudha , K. Rambabu, Fawzi Banat,	Environmental Research	2021	0974-7451

Removal of toxic heavy metal Cd(II) and Cu(II) ions using glutaraldehyde-cross-linked KFC/CNT/PVA ternary blend.	Rahman Syed Masood Ameenur, Balaji Thimmarajampet Neerazhagan, Gomathi Thandapani* , Sudha Parappurath Narayanan & Ibrahim Sheriff Ameer Khader Sheriff.	Biomass Conversion and Biorefinery	2021	2190-6823
Crosslinked chitosan oligosaccharide-based binary and ternary blends for the removal of Cu(II) ions.	Balaji, T.N., Rahman, S.M.A., Gomathi, T*. P. N. Sudha , A. K. S. I. Sheriff	Int. J. Environ. Sci. Technol, (Springer)	2021	1735-1472
Adsorption studies on removal of Pb(II) and Cd(II) ions using chitosan derived copolymeric blend.	E. Radha, T. Gomathi, P.N. Sudha , Srinivasan Latha, Ayman A. Ghfar, Nazia Hossain	Biomass Conversion and Biorefinery,	2021	2190-6823
Review: Yttrium Oxide Nanoparticle Synthesis: An Overview of Methods of Preparation and Biomedical Applications	Govindasamy Rajakumar, Lebao Mao, Ting Bao, Wei Wen, Shengfu Wang, Thandapani Gomathi , Nirmala Gnanasundaram, Maksim Rebezov, Mohammad Ali Shariati, Ill-Min Chung, Muthu Thiruvengadam, and Xiuhua Zhang	Appl. Sci.,(SCIE, MDPI,)	2021	2076-3417
MB Dye Adsorption Behavior on Poly (N cyclohexylacrylamide-co-Acrylamide/Maleicacid)/OMMT Nanocomposite Hydrogels,	B.A. Brundha, T. Gomathi , E. Kayalvizhy, P. Pazhanisamy	YMER (Scopus indexed).	2021	0044-0477
Biosorption of Cadmium(II) and Copper(II) ions using Kneaffiber cellulose/Carbon nanotubes/Poyethylene glycol ternary blend	S.M. AmeenurRahman, T.N. Balaji, T. Gomathi* , P.N. Sudha and A.K.S. Ibrahim Sheriff.	YMER, (Scopus indexed).	2021	0044-0477
Synthesis, characterization and biological applications of biosilica based composites.	P. Supriya Prasad, T. Gomathi, P.N. Sudha , M. Deepa.	YMER, (Scopus indexed).	2021	0044-0477

Formulation and Evaluation of the Anticancer Drug, Sorafenib.	Jayapal John Joseph, D. Sangeetha, Thandapani Gomathi* , T. Balamurugan	Trends in Biomaterials and Artificial Organs, (Scopus indexed)	2021	9711198
Biosilica/silkFibrion/Polyurethane biocomposite for toxic heavy metals removal from aqueous streams	P.Supriya Prasad, T.Gomathi, P.N.Sudha , M.Deepa, K.Rambabu, Fawzi Banat	Environmental Technology and Innovation (SCI)	2022	2352-1864
Biological Applications of Biosilica/Silk Fibrion/polyurethane(1:3:1)Composite	P.Supriya Prasad, T.Gomathi, P.N.Sudha , M.Deepa, J.Annie Kamala Florence, A.Mubashirunnisa, Srinivasan Latha	Asian Journal of Chemistry (SCI)	2022	1881-1885
Synthesis, characterization and biological applications of biosilica based composites.	P. Supriya Prasad, T. Gomathi, P.N. Sudha , M. Deepa.	YMER (Scopus Indexed)	2021	0044-0477
Novel Schiff base metal(II) complexes with azide as coligand: A study on antimicrobial, larvicidal and antioxidant activities.	J. Saranya, R. Bharathi Priyadharsini, Dr. S. Santha Lakshmi	Journal of Advanced Scientific Research (Scopus)	2021	0976-9595
Pharmacological applications of azido complexes derived from N-(2'-hydroxyacetophenone)-L-alanate	J. Saranya, Dr. S. Santha Lakshmi	YMER, (Scopus Indexed)	2021	0044-0477
Synthesis, characterization and photocatalytic application of ZnWO ₄ /ZrO ₂ nanocomposite towards degradation of methyl orange dye.	K. Buvaneswari*, R. Arunadevi*, S. Sashikala , K. Kavipriya	Journal of Water and Environmental Nanotechnology	2021	2476-6615
Department of Mathematics				
Starting failure of M/G/1 retrial queueing system with atmost J vacations	C. Revathi , L.Francisraj	Malaya Journal of Mathematik	2021	:2321-5666
Extended Kalman Filter techniques and difference equations for time varying stochastic nonlinearities	G. Vinu Priya and R. Jothilakshmi	AIP Conference Proceedings	2022	2,385,130,057
New concepts in Intuitionistic	M.Devi, K.Ameenal Bibi ,	International	2022	1755-

fuzzy Labeling Graphs	Hossein Rashmanlou, Yahya Talebi	Journal of Advanced Intelligence Paradigms		0394
Department of Commerce				
Employee Retention Strategies During Regular and Pandemic Time	Dr.R. Padmaja	International Journal of Advances in Engineering and Management	2021	2395 - 5252
A Study on Customers Attitude towards Online Shopping during Covid 19 in Vellore District, Tamilnadu	Dr.T.Bharathi	Journal of the Asiatic Society of Mumbai	2021	0972-0766
A Study on digital Marketing in India	Ms.D.Vijayanirmala. Dr.N.Gunasekaran	The Horizon & Emerging challenges in post covid-19 Business Scenario	2021	978-93- 5473-143- 3
A Study on Stress Management among colleg students in Vellore city	Dr.C.Sumitha	Sardar Patel Institute of Economic &Social Research	2021	0378- 4568,
A Study on Employees job satisfaction towards State Bank of India in Vellore city	Dr.S.Sasikala	Sardar Patel Institute of Economic &Social Research	2021	0378- 4568,
Influence of online advertisement	Mrs.P.Indhumathi and Dr.K.Udayakumar	GIS Journal- Scopus	2021	1869-9391
Research survey on the influence of advertisement impact and consumer satisfaction towards television in vellore city	Mrs.P.Indhumathi and Dr.K.Udayakumar	Journal of oriental institute- UGC CARE	2022	0030-5324
A Study on Exploring the Entrepreneurial Intentions of Business Students	Mrs.J.Anbazhagi	Shodhamhita: Journal of Fundamental and Comparitive Research (UGC careListed)	2021	2277-7067

Impact on Employee Job Satisfaction in Leather Companies with special reference to Ranipet District	Dr.R. Padmaja	Talent Management and Effective Workforce-ICTMEW'21	2021	978-81-951473-2-8.
A Study on the awareness and attitude people towards COVID-19 Vaccination in Vellore City	Dr.A.Sudarvizhi	Research Trends in Multi Disciplinary Research – Vol 4	2021	10:93-93455-56-4
Usage of OTT platform in India during COVID-19	Dr.A.Sudarvizhi	Emerging Trends in Commerce and Management: Volume 2	2022	10:93-93239-35-5
Department of History				
Status of women in the Sangam age as revealed by purananuru – A Study	Dr.G.Vijayalakshmi	Modern Tamizh Research	2021	2321-984X
A Study on Women's Education during the British period	Dr.G.Vijayalakshmi	Modern Tamizh Research	2021	2321-984X
covid-19 Pandemic: A Brief study on psychological and economic impacts	Dr Lt.A.Amirthavalli and J.Gayathri	Worldwide Circulation through Authorspress Global Network	2022	ISBN:978-93-5529-083-0
Women welfare programmes in vellore district :A Study	Dr.Lt.A.Amirthavalli & K.Dhanapackiam	Bulletin monumental journal	2022	ISSN: 0007-473X
History of Indian Culture and Heritage from Harappan Period to Contemporary Period	Mrs.M.Vanitha	International Journal of Emerging Technologies and Innovative Research	2022	2349-5162
Department of Physics				
Efficiency Bio -Analysis Wireless Communication with Low Range and Low Power	Dr.C.Vinothini	International Journal of Biology, Pharmacy, and Allied Sciences.	2021	ISSN 2277-4998

Micro and Nanotechnology Applications in Healthcare to Build Artificial organs that replace Damaged Human tissue due to Radioactivity	Dr.C.Vinothini	International Journal of Biology, Pharmacy, and Allied Sciences.	2021	ISSN 2277-4998
Department of Biochemistry				
Evolutionary, modeling and docking analysis of opsin protein in leptucapugilator	Sathvika. K and Dr.K.Shoba	Journal of the Maharaja Sayajirao University of Baroda	2021	0025-0422
Biomedical potential of silver nanoparticles capped with active ingredients of Hypnea valentiae, red algae species	Dr.S.Asha	Particulate Science and Technology	2021	0272-6351
Isolation and Characterization of Berberine from Ceriops decandra Mangrove Plant Species	Dr.S.Asha	Pharmaceutical Chemistry Journal	2021	0091-150X
Anti-proliferative effect of Ceriopsdecandra derived fraction against Human gastric cancer on AGS cell line	Dr.S.Asha	Annals of the Romanian Society for Cell Biology	2021	1583-6258
Development of patient derived organoids for cancer drug screening applications	Dr.S.Asha	Acta Histochemica	2021	0065-1281
Department of Microbiology				
Biosorption of heavy metal ions by polymer composites for water treatment – a new perspective	U.Guhapriya & Dr.A.Vidhya	International journal of analytical and experimental modal analysis	2021	0886-9367
Characterization of Biochar for a sustainable soil health	A. Rekha & Dr.A.Vidhya	International Journal on Environmental Sciences	2021	0976-4534

<i>Biotechnological Potentials of Aureobasidium Pullulans</i>	U.Guhapriya & Dr. A.Vidhya	International Journal of All Research Education and Scientific Methods	2021	2455-6211
Quorum quenching attenuation of rhizobacteria Chromobacterium violaceum virulence by Desmodium gangeticum root extract.	Janarthanam Hemapriya	Rhizosphere	2022	2452-2198 Impact factor 1.840 Scopus
Department of Management Studies				
Factors influencing stress to women nurses at select hospitals in Vellore city.	Mrs.A.Kalaiselvi	Ciencia and Engenharia/Science and Engineering Journal	2021	ISSN-0103-944X
A Study on Workplace Attitude and Engagement of Employees towards Green Initiatives	Dr.E.Veronica	Journal of Oriental Institute	2022	ISSN: 0030-5324
A Study on Role of Organizational Culture on Green Knowledge Management	Dr.E.Veronica	Journal of Oriental Institute	2022	ISSN: 0030-5324
Department of Food and Nutrition				
M Health-A digital health intervention on obesity associated vitamin D insufficiency among young women	Mrs.K.Gowthami	Journal of the Maharaja Sayajirao University of Baroda	2021	0025-0422
Department of English				
Innatism in Ode: Intimations of Immortality from Recollections of Early Childhood by William Wordsworth	Mrs.R.Sarathy	JETIR	2021	ISSN:2349-5162
Satire and Humour in select characters of Dickens and Mark twain-A comparative study	Dr. M. Manimozhi	JETIR	2021	ISSN:2349-5162
Exploitation of women in Mahesh Dattani's Tara	Dr. M. Manimozhi	IJELR	2021	ISSN 2395-2628
Gender discrimination in Vijay	Dr. M. Manimozhi	Shodhsamhita	2021	ISSN

Tendulkar's Kamala				2277-7067.
Diasporic elements in the works of Jhumpa Lahiri	Dr. M. Manimozhi	IJOES	2021	ISSN:2581-8333
Women in-between; Study of Diasporic condition and feminine subjectivity in the fiction of Jhumpa Lahiri	Dr. M. Manimozhi	Journal of the oriental Institute	2022	ISSN:0039-2049
Women identity in fan Weldon's the cloning Joanna may	Dr. M. Manimozhi	Journal of the oriental Institute	2022	ISSN:0030-5324

b) Number of books and chapters in edited volumes / books published per teacher during the year

Title of the book/chapters published	Title of the paper	National / international	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Department of Tamil						
Dr M. Sridevi						
Prof. P. Rathina Sapabathy Vazhvum Panium	Semmozhi Kalvi	National	2022	978-93-81101-96-4	DKM College for women	Thamizhaga Kalvi Aarachi Valarchi Neruvanam, Kodambakkam, Chennai -24
Department of Biochemistry						
Dr.K.Shoba						
A review of the bioremediation techniques used to clean up the environment	Recent Innovations in Engineering, Science and Management (RIESM)	National	2021	978-81-950236-2-2	DKM College for women	Association of global academicians and researchers publications [AGAR]

Text book of Essential Bioinformatics	Modeling for Bioinformatics	National	2021	978-81-948131-3-2	DKM College for women	Saliha Publications, Tamil Nadu, India
Text book of cell Biology	Cell cycles and Cancer cells	National	2021	978-81-950231-5-8	DKM College for women	AIB Saliha Publications, Tamil Nadu, India
Text book of Environmental Science (EVS)-Book		National	2021	978-81-950231-6-5	DKM College for women	AIB Saliha Publications, Tamil Nadu, India
Emerging Trends in Arts, Science and Humanities	An introduction to bioremediation of heavy metal nickel (ni) - a review	National	2021	978-93-91387-37-2	DKM College for women	Association of Global Academicians and Researchers (AGAR) Publications
Emerging Trends in Arts, Science and Humanities	Portunus trituberculatus-antimicrobial protein studies: a review	National	2021	978-93-91387-37-2	DKM College for women	Association of Global Academicians and Researchers (AGAR) Publications
Emerging Trends in Arts, Science and Humanities	Advances and applications of bioinformatics in life science.	National		978-93-91387-37-2	DKM College for women	Association of Global Academicians and Researchers (AGAR) Publications

Department of Mathematics

Dr.M.Devi

Emerging Technologies and Innovative Research	Fault analysis of electric system with graph theoretic Algorithm approach	International	2021	978-93-90956-62-3	DKM College for women	DK International Research Foundation
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Department of Physics and Chemistry

Dr.C.Vinothini, Dr.R.Arunadevi,DR.S.Sashikala

Froniters of Chemical Sciences	Catalysis and Elimination of	National	2022	20950179,	DKM College	Navanila Maruthi
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	Pollutants			20950187	for women	Publication
Department of Computer Science and Applications						
Mrs.R.Bhuvanewari						
Competency Mapping : A Tool In Monitoring The Employee Performance -	Prosocial Behavior And Self Esteem Of College Students With Special Reference To Chennai District	National	2021	ISBN No. 978-93-5578-597-8	DKM College for women	MTC Global
Mrs B.Arulmozhi, Mrs.S.Tharani,Mrs.R.Sivagami						
Recent trends and Challenges in Multidisciplinary Applications	A new pedagogy in education sector-challenges in teaching and learning	National	2022	ISBN No. 978-81-955855-4-9	DKM college for Women	AN Publication

c) Number of papers in national/international conference-proceedings per teacher during the year

S. No	Department	Name of the Author	Title of the paper	Name of the conference	National / international	Year of publication	ISBN/ISSN number of the proceeding
1	Mathematics	Dr.M.Devi	A Review on Experiential Learning Approach in Mathematics	National Virtual Conference on 15th-16th February 2022 sponsored by NAAC	National	2022	ISBN 9789385434426
2	Biochemistry	Dr. K. Shoba	Evolutionary modeling and docking analysis of opsin protein in leptuca pugilator	Proceedings of Virtual International Conference on Advancements in Arts, Science and Humanities [VICAASH-2021]	International	2021	978 -93-91387-04-4

3.	Biochemistry	Dr. K. Shoba	An introduction to sars-cov-2 jabs- a boon to covid-19 outbreak	Proceedings of Virtual International Conference on Advancements in Arts, Science and Humanities [VICAASH-2021]	International	2021	978-81-950231-5-8
4	Commerce	Mrs. P. Indhumathi	Research survey on advertisement impact and consumer satisfaction towards television. A study with reference to vellore city.	Proceedings of International conference on recent advances in sustainable practices, social innovations and entrepreneurship	International	2022	978-93-92063-07-7
5.	Commerce	Mrs. P. Indhumathi	Digital marketing practices adoption in MSME for social inclusion.	Proceedings of ICSSR- SRC International online seminar on MSME's and COVID-19: The opportunities, challenges and recovery measures	International	2022	Under process

NPTEL Online Courses

- ❖ The staff and students of D.K.M. College are eager pursuant of various online courses.
- ❖ During this academic year 25 staff members and students enrolled in online NPTEL course. Out of this 3 have attained the elite position and the rest successfully completed various courses conducted by SWAYAM.

Activities of the Clubs/Cells/Associations

Institution Innovation Cell

- ❖ The following activities were conducted by MHRD Institutional Innovation Council during this academic year.
- ❖ Opportunities for building an innovation product fit for market on 18.06.2021.

- ❖ Orientation Session by Innovation Ambassador for Staff and Students on 18.06.21.
- ❖ Accelerators - Incubation - Opportunities for the Students & Faculties - Early Stage Entrepreneurs on 24.06.21.
- ❖ Webinar on Design Thinking as a strategy for Innovation and COVID 19 Myths and facts on 28.06.21.
- ❖ Insights about “Online Trading” on 11.08.21.
- ❖ “Workshop on Permanent Clay Jewellery Making” 31.08.21.
- ❖ On 25.09.21, Impact Lecture Series was organised on the theme Place of Product and Business.
- ❖ On 26.09.21, Impact Lecture Series was organised on the theme Traditional Seed Collection and Its Spread.
- ❖ “Business Incubation – Early-stage Entrepreneur” on 30.10.21.
- ❖ Observance of National pollution control day & National energy conservation day on 20.11.21.
- ❖ “Pros and Cons of New Education Policy” on 23.11.21.
- ❖ “Processes of Innovation development and Technology readiness” on 01.12.21.
- ❖ One day Workshop on “Instrumentation” on 01.12.2021 and 02.12.2021.
- ❖ Nursery Types and Management on 21.01.2022.
- ❖ “Achieving Problem-Solution Fit & Product-Market Fit on 22.01.2022.
- ❖ “Self Driven Activities on Cosmetic Formulations on 25.02.2022
- ❖ “Intellectual Property Rights on 11.03.2022.
- ❖ 3D-Printing on 07.04.2022.

Internal Quality Assurance Cell

- ❖ An FDP programme on " Evaluation in Outcome Based Education " was conducted on 04.08.21. Dr. S. Alfred Cecil Raj, Associate Professor in Physics, St. Joseph College, Trichy was the resource person of the day. 118 faculties participated in the program and E-certificates were awarded to all participants.
- ❖ The Internal Quality Assurance Cell of our college conducted a Virtual Faculty Development Program on “Effective Documentation for NAAC” to prepare the faculties towards the new NAAC guidelines on 12.03.22. The program was organized through

Google meet and YouTube live streaming. About 135 faculties of our college and 30 faculties from various other institutions participated in this program.

DST –FIST

- ❖ A two days workshop on “Instrumentation” was conducted by MHRD-IIC and DST-FIST Instrumentation Centre on 1st and 2nd December 2021 at DST-FIST instrumentation centre.
- ❖ DST-FIST Instrumentation Centre of our college organised one week Science Day Celebrations on the theme “Integrated Approach in Science & Technology for Sustainable Future” from 22.02.2022 to 28.02.2022. Students, staff and scholars from neighbouring institutions participated in the program. The first four days program were for school children and in the last day workshop was conducted for the research scholars from various colleges.

College Union and its activities

- ❖ The College Union and its allied associations of both day and evening college for the academic year 2021-2022 was inaugurated on 01.10.21 at 10.00 am. Dr.S.Kaveriammal, RJD of collegiate Education, Vellore. was the guest of the day and she delivered the inaugural address.
- ❖ Our college celebrated the Independence Day on 15.08.21 at 8.00 am with usual fervor. Dr.M.Nagarathinam, Head, Department of Chemistry was the guest of the day and she delivered the Independence Day address.
- ❖ Our college celebrated the Republic Day on 26.01.22 at 8.00 am. The office bearers of college union hoisted the flag.
- ❖ In connection with Bharathiyar’s birthday celebrations, various competitions were conducted to the students.
- ❖ Aadhar Correction Camp was conducted from 21.04.22 to 27.04.22 at our college campus.
- ❖ In Connection with Constitutional Day Celebrations, more than 1000 students participated in the online quiz and received the e-certificates.
- ❖ Seminar was conducted on the theme “Influence on social media on youth” on 24.05.22.

National Cadet Corps

- ❖ On 26th July Kargil Vijay Diwas was celebrated to commemorate the victory, valour and sacrifice of our brave soldiers.
- ❖ NCC cadets of the 10 TN BN NCC VELLORE were given firing Practice to select the cadets for the Firing Competition camp to be held at Pondicherry. 12 Cadets of the D.K.M College participated in the Practice and cadet.
- ❖ Cdt S. Sivapriya and Cdt Raga Swetha Participated in the RDC Selection conducted at Don Bosco School, Katpadi by 10 TN BN NCC, Vellore.
- ❖ The Department of Youth Affairs, Ministry of Youth Affairs and Sports celebrated the Azadika Amrit Mahotsav by undertaking "Clean India " program on 29.10.2021.
- ❖ Cdt. Lekha, Cdt Pavithra and Cdt Monisha of our college Participated in the Basic Leadership Camp at Hindusthan College of Engineering and Technology, Coimbatore from 09.11.21 to 18.11.21.
- ❖ 14 cadets participated in the Annual Training camp at Muthrangam Government Arts College, Vellore from 20.11.2021 to 26.11.2021.
- ❖ 12 cadets participated in the Armed Forces Flag Day celebration on 07.12.2021.
- ❖ The Armed Forces Flag Day is observed on December 7.
- ❖ 2 cadets Participated in the Annual Training at Rajagopal Polytechnic College Vellore from 02.12.2021 to 11.12.2021.
- ❖ The National Voters' day was celebrated on 25.01.2022
- ❖ 5 cadets served as a volunteer at the Polio Immunization Camp Organized by the Government of Tamil Nadu on 27.02.2022.
- ❖ The Department of Youth Welfare and Sports Development, Government of Tamil Nadu, has awarded the outstanding National Cadet Corps Cadets for the academic year 2021-2022. Our NCC cadets received Rs.30000/-. The beneficiaries are 6 students.

National Service Scheme

The National Service Scheme of our college is very active and The following programmes were conducted by them during this academic year

- ❖ World Population Day Awareness program on 02.08.2021
- ❖ COVID Awareness- Drawing Competition on 03.08.2021

- ❖ Demonstration of hand wash technique and COVID Awareness Pledge was organised to the students on 05.08.2021 and 06.08.21 respectively.
- ❖ Tree Plantation was organised in connection with 75th Independence day celebration on 16.08.2021
- ❖ Sadbavana Diwas Pledge on 19.08.2021
- ❖ Onam Celebration on 23.08.2021
- ❖ Social Justice day Pledge on 17.09.2021
- ❖ NSS Day Celebration on 25.09.2021
- ❖ Anti-Corruption awareness- Pledge on 30.10.2021
- ❖ Corona Vaccination Mega Camp from 16.10.21 to 21.11.21
- ❖ AIDS Awareness Day Programme on 01.12.2021
- ❖ 17th Tsunami Observation day on 27.12.2021
- ❖ National Voters Day Pledge on 25.01.2022
- ❖ Eradication of Untouchability Pledge on 29.1.2022
- ❖ Eradication of Leprosy Day Pledge on 31.01.2022
- ❖ Deworming tablets (Albendazole) were distributed on 14.03.2022
- ❖ Folic Acid tablets were distributed to all the students on 15.03.2022
- ❖ Free Sanitary napkins were distributed on 16.03.2022
- ❖ Water conservation day was observed on 22.03.2022
- ❖ World Tuberculosis day was observed on 24.03.2022

Apart from the regular activities, the College NSS Units have also conducted 7 days special camp at Edayansathu Village from 06.04.2022 to 12.04.2022.

Youth Red Cross

- ❖ YRC subcommittee meeting was held on 11.8.2021 at college premises
- ❖ Pledge on social evil against women and children was taken on 13.10.21
- ❖ Four students of our college participated in the One day District Level YRC Students study Camp organised by Auxilium College on 10.03.2021.
- ❖ Youth Red Cross in collaboration with C.M.C. Hospital Vellore has conducted Blood Donation Camp on 16.03.2022. 39 students donated their bloods.

- ❖ YRC volunteers participated in the Speech competition conducted by Nehru Yuva Kendra Vellore on the theme “Patriotism and Nation Building” on 12.12.2021
- ❖ YRC organized an exhibition on 02.09.2021 in commemoration of 75th Independence Day Celebrations.
- ❖ Youth Red Cross of our college celebrated Youth Awakening Day on 13.10.2021 at 11.00 am.
- ❖ To create awareness on Girls Safety, CBCID Officers, Vellore have addressed the students on the theme “POCSO rule.
- ❖ YRC organized “Joy of Giving” on 27.10.2021 at 11.00 a.m. They donated essential things to Blind School, Vellore; Holy cross Deaf and Dumb School, Vellore; Mother Theresa Old Age Home Shenbakkam Vellore and AnbuIllam, Sainthapuram.
- ❖ Youth Red Cross unit of D.K.M College for women (Autonomous) Vellore organized a Street play on the theme “CORONAVAI VELVOM” on 6.08.2021 at 5.00 pm at DKM College Road. Students of our college involved in the street and they created awareness to the public.

Red Ribbon Club

- ❖ An Orientation programme was conducted on 10.03.2022. Mrs.M.Jayanthi, ICTC Counsellor, Govt. Vellore Medical College & Hospital, Vellore addressed the gathering.
- ❖ RRC Interactive session was held with HIV +ve Speaker on 10.03.2022. Mr. Kannan, Counselor for HIV/AIDS Vellore addressed the gathering.

Professional Ethics and Code of Conduct Committee

- ❖ Professional Ethics and Code of Conduct Committee conducted a special meeting for the teaching and Non-teaching staff members on the theme “General Ethical Practices”. Shri.Era.Chandrasekhar, Founder, Udavum Ullangal, Vellore acted as a chief guest and addressed the staff members on the theme.

Equal Opportunity Cell

- ❖ Equal Opportunity Cell of our college organized a special meeting on the theme “Career Development scheme for SC/ST Students” on 02 November 2021 at 10.30 A.M. Mrs.S.Prema, District Manager, Tamil Nadu Adi Dravidar Housing and Development

Corporation Limited (TAHDCO), Vellore, acted as resource person and delivered special address .

- ❖ One day workshop on career Development for Women Graduates – Industry/Research Perspective was conducted on 21.04.22. Dr.S.Narmada Ashok, Director, Nalam Medical Care and Hospital, Vellore acted as Chief Guest and Dr.J.N. Swathi, Associate Professor, School of Computer Science and Engineering, VIT University, Vellore acted as resource person and delivered the address on the theme.

Internal Complaints Committee

- ❖ International Day Of Older Persons, World Girl Child Day And Legal Awareness to Women was celebrated on 27.10.2021.
- ❖ “Today’s Gender Equality - Tomorrow’s Sustainable Development” programme was conducted to the students on 07.03.2022.

Citizen Consumer Club

- ❖ National Consumer Day was celebrated on 09.03.2022. Thiru.A.Kamaraj, DSO, Vellore was the chief guest of the day. Ms.Nazreen II B.Com won the I Prize in Vellore district level essay competition and received the certificate of appreciation and cash award of Rs.3000. She also received Rs.2000/- for securing third prize in four District level.
- ❖ A Meeting on Frauds faced by people in day today life was conducted on 23.03.2022. Mr.K.Kumareswaran, LLB, President-NCPA, State Joint Secretary-FEDCOT was the resource person of the day.

Yoga and Meditation Club

- ❖ In connection with International Yoga Day, Online quiz was conducted to the students. 500 students participated and received e –Certificates on 21.06.2021.
- ❖ 12 days certificate course was conducted to the students from 01.12.2021 to 30.12.2021. Faculty from Manavalakalai Mandram, Sankaranpalayam Vellore conducted both Theory and practical Classes to 250 students. Certificates were distributed to the students on the day of valediction .

Placement Cell

The Placement Cell of the College conducted various programmes this year.

- ❖ Online Skill Development Programme was conducted on 18.11.21. Mr.S.Jay Prasand, Sales Head, Sharpys Private Limited, Chennai was the resource person of the day.
- ❖ Six days Training Programme for final years was conducted from 28.02.22 to 05.03.22. 564 students participated and get benefited out of this programme.
- ❖ BrewinX, Chennai conducted Online virtual Test for training the students for recruitment on 07.05.22. 85 students participated and benefitted.
- ❖ Raja Management Service Private Ltd, Hosur, Tamilnadu conducted On Campus Recruitment from 24.05.22 and 25.05.22.

Antiragging Cell

- ❖ The Antiragging committee meeting was convened on 29.10.2021 to discuss about the rules and regulations to be undertaken inside the campus to make the campus cent percent ragging free.

Alumni Association

- ❖ Departmentwise Alumni Association Meeting was conducted on 31.01.2022 through online mode. About 1000 Alumni of our college attended the meeting.

Women Development cell

- ❖ AHands on Training-Clay Jewellery Making and Fabric Painting were conducted on 06.11.2021. Mrs.Jayashree Narayanan, Fevicryl Certified Specialist, Pidilite Industries, Chennai gave training to the students.
- ❖ International Women's Day- Women & Fitness was conducted on 08.03.2022 Dr.V.Vatchsala Shre, Consultant Cardiologist, Sri Narayani Hospital, Vellore delivered address to the students.
- ❖ Awareness Program on Health & Hygiene was conducted on 04.05.2022 Mrs.Vanitha Sukumaran, DME, Procter & Gamble India Pvt Ltd, Chennai.

Fine Arts Association

- ❖ The Day and Evening shifts of Fine Arts Associations conducted various competitions such as Rangoli, Nail Art, Pencil Art, Dance, Singing, Vegetable Carving, Best out of Waste, Jewel Making, Hair Do, Saree Designing, Flower Boquet Making etc., during this academic

year. The Prizes for the winners of Fine arts were given to the students on the day of valediction.

Enviro Club

- ❖ Our Enviro club is supporting more than 11 self help group women to improve their economic and social status.
- ❖ The Enviro club generated an income of Rs.2,22,678/- through Milk Production, Cultivating Vegetables, Greens, Organic Manure and Vermiculture.

Achievements of our students in Sports

Our college team participated in various sports and games conducted by the Thiruvalluvar University and the selection trials by the Sports Development Authority of Tamil Nadu, Vellore District and won laurels to our college. It is recorded with pride that our College has received 20 University Blues in this academic year.

A few of the sports activities undertaken during this academic year are as follows:

- ❖ On 11-12-2021 Thiruvalluvar University conducted Inter Collegiate volleyball tournament held at M.K.Jain College, Vaniyambadi. Our Volleyball team got Runner's.
- ❖ On 17-12-2021 Thiruvalluvar University Conducted Inter Collegiate Hockey tournament held at Jain College Vaniyambadi. Our College Hockey team got Winner's.
- ❖ Inter Division Football tournament was held at RAAk Arts and Science College, Villianur on 18.12.21. Our College Football team got Runner's in this tournament. Our two players were selected to participate for South Zone Inter University tournament held at Christ University, Bangalore.
- ❖ On 20-12-2021 Thiruvalluvar University conducted Inter Collegiate Handball tournament at Jain College Vaniyambadi. Our College Hand Ball team got Runner's in this tournament.
- ❖ Our Hockey team got Winner's in Inter Division tournament held at Jain College on 21.12.21. Our 11 players were selected and participated in South Zone Inter University tournament held at Mangalore University, Mangalore.
- ❖ On 27-12-2021 Thiruvalluvar University conducted Inter Division Athletic meet at SDAT Stadium Thiruvannamalai. S.Akshaya, I M.A.History ,I st place in Triple Jump, III place in

5000 mts, and she was selected and participated in All India Inter University held at KIIT University Bhubaneswar, Odisha.

- ❖ Inter Division Kabaddi tournament was held on 28.12.21 at St.Joseph's College Cuddalore. Our College Kabaddi player K.Anushiya, I BCA, was selected for South Zone Inter University tournament.
- ❖ On 08-01-2022, Inter Division Ball badminton tournament was conducted at Shree Ragavendhra Arts and Science College, Chidambaram. 2 players of our college were selected and participated in South Zone Inter University tournament.
- ❖ On 05-01-2022 Thiruvalluvar University conducted Cricket tournament at Jain college Vaniyambadi. Our College team got Winner's in this tournament.
- ❖ 22nd State Junior Tug of war tournament was held at Marthoma Nagar Ground, Gudalur from 19-03-2022 to 20-03-2022. Our college Tug of war team got III-place in this tournament.

Visits and Tours

The Departments such as Commerce, Commerce with Computer Applications, Zoology, Foods and Nutrition, Psychology, Microbiology, Management Studies, Mathematics and History have organised educational tours and industrial visits to various outstanding institutions and industries for Industrial exposure and also to encourage our students to develop their skills.

Free Coaching Centre

The management has sponsored a free IAS/IPS Coaching centre for the benefit of the students and the alumni of the college to crack the competitive exams. With the support, guidance and encouragement of our benevolent management, we were totally vibrant in conducting various activities throughout the year.

EXTRA CURRICULAR AND CO-CURRICULAR ACTIVITIES OF THE DEPARTMENT

A. STUDENT'S PARTICIPATION

Details of Extra Curricular Activities & Co-Curricular Activities of the Students

**** Annexure Enclosed**

S.No	Name of the Department	No. of Students
1.	History	9
2.	Chemistry	13
3.	Mathematics	150
4.	Zoology	40
5.	Commerce and CA	260
6.	Tamil	50
7.	English	22
8.	Biochemistry	92
9.	Computer science	454
10.	Microbiology	1
11.	Food and Nutrition	34
12.	Psychology	75
TOTAL		1200

B. FACULTY PARTICIPATION

Participation of our Staff members in Faculty improvement programme (Refresher course/Orientation Course)

Year	Name of teachers who attended	Title of the professional development program	Date and Duration (from – to)
Department of Biochemistry			
2021-2022	Dr. V. Prabha	3 days FDP on “ICT tools for effective teaching learning”, IQAC, Kamala Nehru Mahavidyalaya, Nagpur	8 th , 9 th and 10 th of June 2021
2021-2022	Dr. V. Prabha	One day FDP on “ Strategies to Fetch grants for Research Proposal” conducted by PG and Research department of Biotechnology, MarudharKesari Jain College for Women, Vaniyambadi	16.08.2021
2021-2022	Dr.S.Asha	ICT tools for Effective teaching learning organized by IQAC, Kamla Nehru Mahavidyalaya, Nagpur	08.06.2021 to 10.06.2021
2021-2022	Dr.S.Asha	Research opportunities in Biotechnology organized by Dr.M.G.R. Educational and Research institute, Chennai.	27.09.2021 to 01.10.2021

2021-2022	G. Nithya	International Online Certificate course on Basic Techniques in Microbiology organized by Sacred Heart College in association with Microbiologists Society, Laboratory of Chemical and Biological Analysis, Western Rio Janeiro State University.	04.07.2021 to 08.08.2021
2021-2022	G. Nithya	Online short-term program in Computational Biology, organized by Ethiraj College for Women,	04.12.2021 to 17.12.2021
2021-2022	G. Nithya	NPTEL-AICTE Faculty Development Programme on Introduction to Biostatistics	26.07.2021 to 26.09.2021
2021-2022	G. Nithya	Online FDP on “Drug Discovery – A Road To Start Up” organized by RUSA 2.0 – Entrepreneurship and Career Hub, University of Madras.	07.03.2022 to 11.03.2022
2021-2022	Dr. K. Shoba	Certificate Program in Herbal technology (CPHT), The Academic Council of AIB, Tirupattur, Tamil Nadu.	03-06-2021 to 30-06-2021
2021-2022	Dr. K. Shoba	Faculty development program on scientific paper writing for newbies: nuances, tools and techniques, Guru Nanak Centre for Research (GNCR), Chennai.	19.06.2021
2021-2022	Dr. K. Shoba	Recent Advancement in Bioprospecting. AMET, Chennai.	15.12.2021 – 21.12.2021
2021-2022	Dr. K. Shoba	National level Intercollegiate Online Faculty Development Program on Outcome Based Education, Internal Quality Assurance Cell of Auxilium College (Autonomous), Vellore.	22.11.2021 – 27.11.2021
Department of Botany			
2021-2022	L. Umamaheswari	Refresher course- (On line)	18.10.21 to 30.10.21 (21days)
Department of Chemistry			
2021-2022	Dr.S.Santha Lakshmi	Two week interdisciplinary Refresher course on “Digital Tools in Higher Education” organized by Guru AngadDev Teaching Learning Centre, A Centre of Ministry of Education under PMMMNTT	17.08.2021 to 30.08.2021
2021-2022	Dr. D. Dhanam	Two week Refresher Course in Chemistry, Batch XXIX (on-line) conducted by the UGC - Human Resource Development Centre, University of Madras, Chennai - 600 005 (Sponsored by the UGC).	27.01.2022 to 09.02.2022
2021-	Dr. S. Sashikala	Environmental Studies (Multi-	18.10.2021 to 30.10.2021

2022		disciplinary) – Two week Refresher Course – SVU, Tirupati	
2021-2022	Dr.T.Gomathi	Two week interdisciplinary Refresher course on “Digital Tools in Higher Education” organized by Guru AngadDev Teaching Learning Centre, A Centre of Ministry of Education under PMMMMNMTT	17.08.2021 to 30.08.2021
Department of Computer Science			
2021-2022	Mrs.B.Arulmozhi	One day workshop on bloom taxonomy based question paper for OBE	27.09.2021
2021-2022	Mrs.B.Arulmozhi	FDP in D.K.M. COLLEGE	18.09.2021
2021-2022	Mrs.B.Arulmozhi	FDP on “Introduction to Artificial Neural Network” held on Chirst the King College of Engineering	08.02.2022
Department of Mathematics			
2021-2022	Mrs. G. Vinu Priya	Online Refresher Programme in Applicable Mathematics-MHRD-Sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching(PMMMMNMTT)- Teaching Learning Centre, Ramanujan College University of Delhi in association with Deshbandhu College	15.12.2021-29.12.2021
2021-2022	Dr.N.Nithya Priya	Online Refresher Programme in Applicable Mathematics-MHRD-Sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching(PMMMMNMTT)- Teaching Learning Centre, Ramanujan College University of Delhi in association with Deshbandhu College	15.12.2021-29.12.2021
Department of Economics			
2021-22	Dr.M.Jaya Sudha	Refresher Course in Madurai Kamaraj University through online mode.	20-10-2021 to 02-11-2021
Department of English			
2021-2022	Dr.M.Manimozhi	International FDP on Calibrating English Literature, Welta International World English Language Learners, Teachers and Trainers Association.	05.12.2021
2021-2022	Dr.M.Manimozhi	International FDP on Literary Studies in the New Millennium, Pondicherry University.	18.10.2021 – 24.10.2021
2021-2022	Dr.M.Manimozhi	FDP on Professional & Communicative English, Bharathiyar University.	16.06.2021 – 22.06.2021

2021-2022	Dr.M.Manimozhi	Interdisciplinary Refresher Course on Managing Online Classes & Co-creating MOOC-Level II, University of Delhi.	02.06.2021-16.06.2021
2021-2022	Dr.M.Manimozhi	International FDP on An expedition towards Multilingual Culturalism, KPR College of Arts, Science & Research, Coimbatore	23.07.2021 – 30.07.2021
2021-2022	Dr.M.Manimozhi	National Level FDP on Pedagogy of Teaching and Tools on E-Content Development for Effective Teaching, Christopher Arts & Science College, Tirunelveli.	05.07.2021 – 14.06.2021
2021-2022	Mrs.R.Sarathy	Social Networking Platform For English Language Teaching and Learning, Ethiraj College For Women, Chennai.	18.02.2022 – 25.02.2022
2021-2022	Mrs.R.Sarathy	UGC- Sponsored Online Refresher Course in English Language and Literature	08.09.2021-21.09.2021
2021-2022	Mrs. S. Indragandhi	Unfolding Vistas in the Research of Language, Literature and Psychology.	14.2.2022-18.2.2002
2021-2022	Mrs. S. Indragandhi	Effective Pedagogies in Teaching and Learning.	23.2.2022-25.2.2022
2021-2022	Mrs. S. Indragandhi	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
2021-2022	D. Sasikala	Unfolding Vistas in the Research of Language, Literature and Psychology.	14.2.2022-18.2.2002
2021-2022	D. Sasikala	Effective Pedagogies in Teaching and Learning.	23.2.2022-25.2.2022
2021-2022	D. Sasikala	Effective Documentation for NAAC.	12.3.2022
2021-2022	D. Sasikala	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
2021-2022	Mrs. D. Ramya.	Unfolding Vistas in the Research of Language, Literature and Psychology.	14.2.2022-18.2.2002
2021-2022	Mrs. D. Ramya.	NAAC New Guidelines and Importance of IQAC IN Post Covid Time for Affiliated Colleges.	29.07.2021-31.7.2021
2021-2022	Mrs. D. Ramya.	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
2021-2022	Mrs. D. Ramya.	Effective Pedagogies in Teaching and Learning.	23.2.2022-25.2.2022
2021-2022	Mrs. E. Arivazhagi	Unfolding Vistas in the Research of Language, Literature and Psychology.	14.2.2022-18.2.2002

2021-2022	Mrs. E. Arivazhagi	Effective Documentation for NAAC.	12.3.2022
2021-2022	Mrs. E. Arivazhagi	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
2021-2022	J. Josephine Mary	Unfolding Vistas in the Research of Language, Literature and Psychology.	14.2.2022-18.2.2002
2021-2022	J. Josephine Mary	Effective Pedagogies in Teaching and Learning.	23.2.2022-25.2.2022
2021-2022	J. Josephine Mary	Effective Documentation for NAAC.	12.3.2022
2021-2022	J. Josephine Mary	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
2021-2022	D. Miracline Susanna	Unfolding Vistas in the Research of Language, Literature and Psychology.	14.2.2022-18.2.2002
2021-2022	D. Miracline Susanna	Intricacies of Scopus Publication in ELT, English Literature and Social Science”	13.11.2021
2021-2022	D. Miracline Susanna	Effective Documentation for NAAC.	12.3.2022
2021-2022	D. Miracline Susanna	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
2021-2022	D. Miracline Susanna	Climate Change : Causes and Consequences”	28.08.2021
2021-2022	M. Rajalakshmi	Effective Documentation for NAAC.	12.3.2022
2021-2022	M. Rajalakshmi	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
2021-2022	Dr. S. Indumathi	Unfolding Vistas in the Research of Language, Literature and Psychology.	14.2.2022-18.2.2002
2021-2022	Dr. S. Indumathi	Effective Documentation for NAAC.	12.3.2022
2021-2022	Dr. S. Indumathi	Collaborative Learning and Teaching of English.	14.3.2022-21.3.2022
Department of History			
2021-2022	Dr. A. Amirthavalli	Innovation Ambassador Training, MoE's Innovation Cell & AICTE, New Delhi.- FDP	30.6.2021 – 30.7.2021
2021-2022	Dr. G. Vijayalakshmi	Kamarajar University, Madurai, Refresher Course.	20.10.2021 – 2.11.2021
2021-2022	Mrs. S. Jayanthi	Madras university, Chennai, Refresher Course	25.11.2021 – 08.12.2021

2021-2022	Mrs.S.Jayanthi	Introduction to Research, NPTEL On Line Certificate Course – FDP (8Weeks)	Aug to Oct 2021 (8 Weeks)
Department of Management studies			
2021-2022	Dr. V.S.Palaniammal	One day International FDP on “ Research Methodologies – Application of Statistical Tools for Decision making “	12.07.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ Employment and Business Development “	09.08.2021
2021-2022	Dr. V.S.Palaniammal	Online Development program entitled “ GENERATE YOUR BUSINESS IDEA”	16.08.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ You Become What You Think “	17.08.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ Positive Thinking a Tool for Success “	19.08.2021
2021-2022	Dr. V.S.Palaniammal	FDP on “ Mentoring Pedagogy and Teaching for Higher Education “	21.08.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ Inspire by Intelligence”	04.09.2021
2021-2022	Dr. V.S.Palaniammal	International FDP on “ Legal, Ethical and Social Issues of Digital Age : Stay online Stay safe “	01.09.2021 to 08.09.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ Critical Thinking “	14.09.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ Thirukural and Gandhi’s Life “	17.09.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ All about Covid Vaccines – Why and Why not “	18.09.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ Know Yourself “	21.09.2021
2021-2022	Dr. V.S.Palaniammal	Motivational talk series on “ Motivational Insights on Physical and Mental Wellness “	24.09.2021
2021-2022	Dr. V.S.Palaniammal	5 day National Level FDP on “Investor Education in India : Its relevance and roadmap”	14.02.2022 to 18.02.2022
2021-2022	R.Maheshwari	5 day National Level FDP on “Investor Education in India : Its relevance and roadmap”	14.02.2022 to 18.02.2022
2021-2022	A.Rama	5 day National Level FDP on “Investor Education in India : Its relevance and roadmap”	14.02.2022 to 18.02.2022
2021-2022	A.Kalaiselvi	5 day National Level FDP on “Investor Education in India : Its relevance and roadmap”	14.02.2022 to 18.02.2022
2021-2022	Dr.E.Veronica	5 day National Level FDP on “Investor Education in India : Its relevance and roadmap”	14.02.2022 to 18.02.2022

2021-2022	P.Shobana Gayathri	5 day National Level FDP on “Investor Education in India : Its relevance and roadmap”	14.02.2022 to 18.02.2022
Department of Physics			
2021-2022	Dr.C.Vinothini	Online Refresher Course in Physics	27.10.2021 to 10.11.2021
2021-2022	Dr.C.Vinothini	Two-week FDP on Natural Sciences	29.09.2021 to 04.10.2021
2021-2022	Dr. N. Jabena Begum	UGC sponsored Online Refresher Course in Nano Science	27.01.2021-09.02.2021
2021-2022	Dr. N. Jabena Begum	Five days FDP on Development of Quality Improvement Process – Optimizing faculty success	19-07-2021 - 23-07-2021
Department of Psychology			
2021-2022	Aarthi.D	DKMC Virtual FDP on “Effective Documentation on NAAC”	12.03.2022
2021-2022	Aarthi.D	The Quaide Milleth College for Men Virtual FDP on “Collaborative learning and teaching of English”	14.03.2022 to 21.03.2022
Department of Tamil			
2021-2022	Dr.G.Sujatha	Managing online classes and co creating MOOCS (Level 2) Teaching Learning Centre, Ramanujan College, University of Delhi	02.06.2021-16.06.2021
2021-2022	Dr.G.Shanthi	Managing online classes and co creating MOOCS (Level 2) Teaching Learning Centre, Ramanujan College, University of Delhi	02.06.2021-16.06.2021
2021-2022	Dr.S.Thamaraiselvi	Managing online classes and co creating MOOCS (Level 2) Teaching Learning Centre, Ramanujan College, University of Delhi	02.06.2021-16.06.2021
2021-2022	Dr.S.Sasikala	Managing online classes and co creating MOOCS (Level 2) Teaching Learning Centre, Ramanujan College, University of Delhi	02.06.2021-16.06.2021
2021-2022	Dr.G.Sujatha	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	Dr.G.Sujatha	Teachers development programme , Tagore Arts And Science college , Chennai	14.03.2002-20.03.2022
2021-2022	Dr.G.Shanthi	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	Dr.G.Shanthi	Teachers development programme , Tagore Arts And Science college ,chenai	14.03.2002-20.03.2022

2021-2022	Dr.S.Thamarai selvi	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	Dr.S.Thamarai selvi	Teachers development programme , Tagore Arts And Sceince college , Chennai	14.03.2002-20.03.2022
2021-2022	Dr.S.Sasikala	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	Dr.S.Sasikala	Teachers development programme , Tagore Arts And Sceince college , Chennai	14.03.2002-20.03.2022
2021-2022	V.Geetha	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	V.Geetha	Teachers development programme , Tagore Arts And Sceince college ,Chennai	14.03.2002-20.03.2022
2021-2022	R.Sankareswari	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	R.Sankareswari	Teachers development programme , Tagore Arts And Sceince college ,Chennai	14.03.2002-20.03.2022
2021-2022	M.Ponni	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	M.Ponni	Teachers development programme , Tagore Arts And Sceince college ,chenai	14.03.2002-20.03.2022
2021-2022	D.Punithavalli	Nalla vannam Vazhalam – saiva ilakkiya sinthanaigal Karpagam University	15.06.2021-06.07.2021
2021-2022	D.Punithavalli	Teachers development programme , Tagore Arts And Sceince college ,chenai	14.03.2002-20.03.2022
2021-2022	Dr K.S. Tamizhrasi	Teachers development programme , Tagore Arts And Sceince college ,chenai	14.03.2002-20.03.2022
2021-2022	Dr.G.Sujatha	Wikipedia-2021 Internship Training programme	27.05.2021-25.06.2021
2021-2022	Dr.K.S.Thamizharasi	Wikipedia-2021 Internship Training programme	27.05.2021-25.06.2021
Department of Zoology			
2021-2022	Dr. D. Sasikala	Refresher Course in Sri Venkateshwara University , Tirupathi	18.10.2021 to 30.10.2021
2021-2022	Dr. V. Rekha	Refresher Course in Sri Venkateshwara University , Tirupathi	18.10.2021 to 30.10.2021
2021-2022	Dr.S.Vijayakumari	(On line)Faculty Development Program in Amar seva Mandel's Kamla Nehru Mahavidhyalaya,Nagpur.	08.06.2021 to 10.06.2021
2021-2022	Dr.S.Vijayakumari	(On line)Faculty Development Program in Amar seva Mandel's Kamla Nehru	26.04.2021to 01.05.2021

		Mahavidhyalaya, Nagpur. (Research Methodology)	
DEPARTMENT OF COMMERCE			
2021	Dr.T.Bharathi	Online Two Weeks Refresher Course in Commerce and Management from conducted by Teaching Learning Centre, Ramanujam College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.	25.06.21 to 08.07.21
2022	Dr.K.Vinithi	In-Service Teacher Training Programme	05.05.22 to 06.05.22
2022	Ms.J.Janani	'Nuances in writing Research Article'	9 th March to 15 th March 2022
2021	Mrs. P.Indhumathi	Three days national level online FDP on ICT tools for effective teaching learning at Kamla Nehru Mahavidyalaya, Nagpur.	08.06.2021 to 10.06.2021
2021	Mrs. P.Indhumathi	International FDP on Research methodologies – application of statistical tools for decision making	12.07.2021
2021	Mrs. P.Indhumathi	National level FDP on NAAC new guidelines and importance of IQAC in post Covid time for affiliated colleges	29-01-2021 to 31.07.2021
2022	Mrs.A.Kalaivani	FDP-Role of research in Institutional Accreditation- ASMWC, Villapakkam	25 th April to 29 th April 2022
2022	Mrs.A.Kalaivani	FDP –Effective Documentation for NAAC-DKMC	12 th March 2022
2022	Mrs.A.Kalaivani	FDP- Emotional Intelligence ,Muthurangam Govt Arts College, Vellore	29 th April 2022
2022	Dr.V.Sudha	FDP- Emotional Intelligence ,Muthurangam Govt Arts College, Vellore	29 th April 2022
2022	Mrs. J.Anbazhagi	FDP- Emotional Intelligence ,Muthurangam Govt Arts College, Vellore	29 th April 2022
2022	Mrs.P.Elavarasi	FDP- Emotional Intelligence , Muthurangam Govt Arts College, Vellore	29 th April 2022

16. Any External/Internal evaluation done during the year. If, so give report

Yes, Both Internal and External audit were conducted during the academic year 2021-2022

INTERNAL AUDIT REPORT

Internal Academic Audit was conducted by Internal Quality Assurance Cell on 07.02.2022, 08.02.2022 and 09.02.2022 respectively. The following are the general recommendations to all the Departments.

- All the major Departments are asked to maintain the alumni and placement record along with proof.
- Add on Certificate courses should be conducted by the Departments.
- Faculty and students research activity should be updated and maintain separately.
- All the Departments must actively participate in Consultancy work.
- Faculties of Department of English should involve voluntarily in Mock Ph.D Viva presentations and it can be recorded as consultancy services.
- Faculties of Department of Computer science should technically support to both teaching and non-teaching staff whenever is required.
- Log book, One Consolidated mark register (I CA, II CA and Model) and One common Internal mark register to be maintained as per the format below

S.No	Reg No	Name of the Student	I (Out of 100)	II (Out of 100)	I +II (Out of 200)	Out of 20 (A)	Assignment/ Seminar (Out of 5) (B)	Total (A+B) (out of) 25	Signature of the Student

- Staff Profile should be updated and maintained well in the Department with all the proofs enclosed in the form of Photocopies only.
- Staff members can apply for major and minor projects.
- Departments are instructed to sign MOU's with reputed institutes/industries.
- Staff members are instructed to publish their research articles in UGC CARE list and SCI journals. Since the UGC care list is updated periodically, the faculty members must attach the proof of the published journals enlisted in UGC CARE list/ SCI journal list.

- Departments are instructed to conduct seminars/ workshops/ conferences in this academic year

Members of Internal Academic Audit Committee

Dr. P.N. Sudha	Principal
Dr. R. Padmaja	IQAC Coordinator Associate Professor and Head Department of commerce
Members	
1. Dr. V. Rekha	Assistant Professor, Department of Zoology
2. Dr. C. Vinothini	Assistant Professor, Department of Physics
3. Dr. R. Arunadevi	Assistant Professor, Department of Chemistry
4. Dr. N. Nithyapriya	Assistant Professor, Department of Mathematics
4. Dr. T. Gomathi	Assistant Professor, Department of Chemistry
5. Mrs. P. Indhumathi	Assistant Professor, Department of Commerce
6. Mrs. D. Arthi	Assistant Professor, Department of Psychology
7. Mrs. Miracline Susanna	Assistant Professor, Department of English

EXTERNAL ACADEMIC AUDIT REPORT

An external academic audit was held on 17.06.2022 at 10 a.m in IQAC conference constituted by Principal with two external members and nine internal academic audit committee members.

General recommendations by the External audit committee members

1. Promote awareness on placement activities and the efforts may be made for increasing students' placement.
2. Revenue from consultancy should be generated.
3. MOU's with reputed intuition must be initiated every year.
4. Executive Development Program (EDP) and IPR can be organized.
5. Faculties strength must be increased.
6. Collaboration activities for research, faculty exchange and student exchange should be concentrated
7. The focus on sponsoring agencies and funding agencies are to be increased
8. Improve the financial resource for books and journals.
9. Installation of Plagiarism software is required.
10. Create awareness among students to utilize the library in an optimalmanner.
11. Students' internship in institution and industries should be facilitated.

12. Incentives for paper publications and research activities are to be promoted.
13. Seed money from the college may be given to researchers to undertake projects for research promotion.
14. Funded Research projects by the faculties and students are to be strengthen.
15. Alumni association maybe registered as per government norms.
16. College journal may be started.
17. Financial assistance may be done for the faculties to participate in Seminar/ Conference/Workshop to improve academic capabilities.
18. Research papers should be published in quality journals.
19. Interdisciplinary projects can be improved.
20. Energy audit may be done by recognized agencies.

External Members

Dr. J. Annie Kamala Florence, Vice Principal, Voorhees College, Vellore.	Dr. K.Arulanandam Assistant professor &Head Department of Computer Science, Government Thirumagal Mills College, Guidyattam.
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Internal Members

Dr. P.N. Sudha	Principal
Mrs. G. Vinupriya Dr.T. Gomathi	IQAC Coordinators
Members	
1. Dr. V. Rekha	Assistant Professor, Department of Zoology
2. Dr. C. Vinothini	Assistant Professor, Department of Physics
3. Dr. R. Arunadevi	Assistant Professor, Department of Chemistry
4. Dr. N.Nithyapriya	Assistant Professor, Department of Mathematics
5. Mrs. P. Indhumathi	Assistant Professor, Department of Commerce
6. Mrs. S. Arunadevi	Assistant Professor, Department of Microbiology
7. Mrs. Miracline Susanna	Assistant Professor, Department of English

Online Certificate Courses

DKMC is proud to be endorsed as a local chapter of SWAYAM-NPTEL from January 2016 onwards. DKMC plays a vital role in directing SWAYAM – NPTEL among staff and students at the right time. To stabilise digital education, SWAYAM-NPTEL provides the best of service in the education field via virtual mode. Under the guidance of SPOC, Dr. J. Shanthi, Librarian, DKMC, staff and students enrolled in various courses from 2016 onwards. Candidates received gold and silver citations for their exemplary performance in the course.

For the academic year 2021–2022, after the pandemic stage of life, only 12 candidates registered for the course. In the second batch of the academic year, postgraduate students of all disciplines came forward to enrol in the course and registration will start in July 2022. At present, 147 students have enrolled in various courses as per their discipline. DKMC's Online Course Committee encourages students to enrol in various free online courses available on other portals also.

17. Benefits accrued to students under autonomy

During Academic year 2021-2022 the following benefits are accrued to the students under Autonomy:

- The students utilized latest technologies in their learning process.
- Online mode of semester examinations was conducted, the papers were evaluated and results were published within a month.
- Value Add on certificate courses were conducted to enhance the skills of the students towards employability.
- To improve the participative learning various webinars/conferences/workshops were conducted and students are motivated to participate.
- The faculty members were motivated to create e-content and video lectures in their courses for the benefit of the students.
- Bloom Taxonomy was implemented to assess learning on an ongoing bases and encouraging students to reflect on their progress.
- Syllabus revision was carried out during this academic year, board of studies and Academic Council was organized online mode and the updated curriculum was introduced successfully for the benefit of the students.

DETAILS OF CERTIFICATE COURSES CONDUCTED BY THE DEPARTMENTS 2021-2022

S.NO	NAME OF THE DEPARTMENT	TITLE OF THE CERTIFICATE COURSES	NO OF STUDENTS COMPLETED
1.	HISTORY	Functional Hindi	72
2.		E-Tourism	60
3.		Epigraphy and Museology	66
4.	CHEMISTRY	Cosmetics and toiletries	49
5.		Detection of food adulterants	48
6.	CHEMISTRY EVE	Hands on Training on Home care products	40
7.		Reagents preparation and their validation	42
8.	MATHEMATICS (Aided)	Basics on Matlab	64
9.		Quantitative aptitude	56
10.		Probability and Statistics	63
11.	MATHEMATICS (Unaided)	Training on Latex	90
12.		Quantitative Aptitude	20
13.		Office Automation	31
14.	ZOOLOGY	Yoga for youth empowerment	43
15.		Clinical Lab Technology	43
16.		Sericulture	43
17.	COMMERCE (Aided)	Salesmanship	65
18.		Tally ERP Prime 9	70
19.	COMMERCE (Unaided)	Emotional Intelligence	209
20.	TAMIL	Architecture	100
21.	ENGLISH	Fundamentals of English Language	168
22.	BIOCHEMISTRY	Pharmacology	118
23.	BIOTECHNOLOGY	Handling and care of laboratory animals in accordance with ethical guidelines for research	54
24.	COMPUTER SCIENCE	Tally	52
25.		Microprocessor	75
26.	MANAGEMENT STUDIES	Basics of data analysis and interpretation using SPSS	65
27.	MICROBIOLOGY	Organic Farming	156
28.	FOODS AND NUTRITION	Bakery Science	46
29.		Experimental Food Science	38
30.	PSYCHOLOGY	Introduction to Psychology	15
31.		Psychometric Assessment	21
32.	BOTANY	Mushroom Cultivation	54
33.	PHYSICS	Instrumentation basic and technical skill development	54
34.	ECONOMICS	Interview skills and personality management	78

- Total number of certificate courses offered by the departments = 34
- Total number of students completed the certificate course = 2268 students

18. Whether Governing Body, Finance Committee, Academic Council are conducted or Not (Copies of their Minutes may be enclosed)

S.No	Type of Meeting	Date
1.	Governing Body Meeting	20.04.2021
2.	Academic Council Meeting	10.12.2021
3.	Finance Committee Meeting	13.10.2021
4.	Board of Studies	11.02.2022

Pr G
23/6/2022
Principal
D.K.M. COLLEGE FOR WOMEN
(AUTONOMOUS)
VELLORE - 632 001,
1508
23/06/2022 *23/6/2022*