



# DKMCW

## Newsletter

Issue 15 | June 2023 - June 2024



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**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Affiliated to Thiruvalluvar University

Accredited by NAAC "A" Grade

**Sainathapuram, Vellore-632 001. Tamil Nadu, India.**

Phone : 0416-2263600 E-Mail: [info@dkmcollege.ac.in](mailto:info@dkmcollege.ac.in); [naac.dkmc13@gmail.com](mailto:naac.dkmc13@gmail.com)

Mobile: + 91 - 94422 83682, + 91 - 98429 10157, Fax : 0416 - 2260550

## **EDITORIAL BOARD**

Dear Readers,

We are glad to bring the newsletter for the academic year 2023-2024. It is proud to inform that we have brought out remarkable changes in the curricular, co-curricular and extra-curricular domain. We sincerely express our gratitude to the editorial board for their contribution and wishing many more milestones to be achieved in the upcoming years.

Warm Regards,

**Editorial Members**

## **PATRONS**

President : **Dr. T. Sivakumar**  
 Secretary : **Er. D. Maninathan**  
 Principal : **Dr. R. Banumathy**

## **EDITORIAL BOARD**

Editors : **Dr.S.Sashikala**  
**Dr.M.Kasthuri**  
**Mrs.S.Indragandhi**  
**Mrs.D.Sasikala**

## **SECRETARY MESSAGE**



It is with immense pride and satisfaction that D. K.M. College for Women unveils another edition of our distinguished newsletter. Our institution has made remarkable strides in academics and extracurricular activities for both staff and students, marking yet another significant milestone. This newsletter radiates a positive message to all those passionate about Arts, Science and Technology-based pursuits. It acts as a mirror, reflecting our department's vibrant activities. My deepest gratitude goes to the editorial board for their unwavering dedication to the staff and to the students for their relentless commitment.

Best wishes to all.

Best Wishes,

**Er.D.Maninathan**

## **PRINCIPAL MESSAGE**



As the Principal of D.K.M. College for Women, I am delighted to present the latest edition of our newsletter. Our college continues to excel in various domains, including academics, extracurricular activities and professional development for both staff and students. This edition highlights our recent achievements and provides insights into the vibrant academic and cultural life in the campus. It serves as a testament to our commitment to fostering a holistic learning environment. This newsletter inspires and informs, showcasing the excellence that defines D.K.M. College for Women.

Warm regards to all.

Best Wishes,

**Dr.R.Banumathy**

**WHAT'S NEW:**

- ❖ 16 staffs were funded by the management to do projects under DKMCFRI.

**ACADEMIC CALENDAR****JULY & AUGUST**

19.06.2023 - College reopens for odd semester  
 27.07.2023 - Union Inauguration  
 02.08.2023 to  
 08.08.2023 - I CA Examination  
 15.08.2023 - Independence Day  
 27.08.2023 - Convocation day

**OCTOBER**

16.10.2023 to  
 25.10.2023 - Model Examination

**DECEMBER**

04.12.2023 - College reopens  
 for Even Semester

**FEBRUARY**

27.02.2024 to  
 01.05.2024 - I CA Examination

**APRIL**

04.04.2024 to  
 09.04.2024 - Model Examination  
 25.03.2024 - College Day

**SEPTEMBER**

05.09.2023 - Teachers Day  
 11.09.2023 to  
 19.09.2023 - II CA Examination  
 30.09.2023 - Parents Meeting

**NOVEMBER**

09.11.2023 to  
 25.11.2023 - Odd Semester Examination

**JANUARY**

19.01.2024 to  
 24.01.2024 - I CA Examination  
 26.01.2024 - Republic day  
 27.01.2024 - Annual Alumni Meet

**MARCH**

06.03.2024 to  
 10.03.2024 - II CA Examination

**MAY**

24.04.2024 to  
 10.05.2024 - Even Semester Examination

**FACULTY IMPROVEMENT**

- ❖ Faculty Development Programme was conducted by the IQAC of the college on 19.08.2023 on the topic "Drafting and Filing of Patents". The Resource person of the programme was Mr.Hari Prasad Karnam, CEO IP Dome, Chennai.
- ❖ Faculty Development Programme was conducted by IQAC of the college from 11.09.2023 to 16.09.2023 on the topic "Hands-on Workshop on Matlab and its Applications".
- ❖ Faculty Development Programme was conducted by IQAC of the college on 06.01.2024 on the topic "Designing Question Papers in an OBE Curriculum: an Overview". The Resource person of the programme was Dr.D.Carol, M.Sc.,M.Phil.,Ph.D., Controller of Examinations, Shrimathi Devkunvar Bhatt Vaishnav College for women, Chennai.

## **REFRESHER COURSE/ORIENTATION COURSE:**

- Dr.S.Sashikala, Assistant Professor of Chemistry attended Refresher Course in Chemistry, conducted by Bharathiyar University, Coimbatore from 04.07.2023 to 18.07.2023.
- Dr.G.Bhavani, Assistant Professor of Commerce attended Refresher Course in Commerce Management conducted by Bharathiyar University, Coimbatore from 04.07.2023 to 18.07.2023.
- Dr.C.Vinothini, Assistant Professor of Physics attended online Refresher Course in Physics conducted by Teaching learning centre, Ramanujan College, University of Delhi from 30.08.2023 to 13.09.2023.
- Dr.A.Vinodhini, Assistant Professor of Zoology attended Refresher Course in Biological Sciences conducted by HRDC, Pondicherry University from 01.09.2023 to 14.09.2023.
- Dr.G.Vijayalakshmi, Assistant Professor of History attended Refresher Course in History conducted by MKU from 13.09.2023 to 26.09.2023.
- Dr.N. Dhanam, Assistant Professor of Chemistry attended Refresher Course in Functional Materials for Energy, Environmental and Biomedical Applications, conducted by MKU, Madurai from 03.10.2023 to 16.10.2023.
- Dr.N.Jabena Begum, Assistant Professor of Physics attended online Refresher Course in Physics conducted by MKU, Madurai from 03.10.2023 to 16.10.2023.
- Mrs.M.Vanitha, Assistant Professor of History attended Refresher Course in History conducted by Madras University from 26.10.2023 to 08.11.2023.
- Dr.M.Devi, Assistant Professor of Mathematics attended Online Refresher Course in Mathematics conducted by Bharathidasan University, Trichy from 26.10.2023 to 08.11.2023.

## **RESEARCH**

### **Ph.D. Completed**

The following scholars have been awarded Ph.D. degree during this period who were guided by our staff members. We wish both the scholars and guides for their achievement.

- ❖ Dr.K.Umamaheshwari was awarded Ph.D. degree under the guidance of Dr.Jayasudha, Department of Economics on 14.07.2023.
- ❖ Dr.J.Saranya was awarded Ph.D. degree under the guidance of Dr.S.Santhalakshmi, Department of Chemistry on 07.12.2023.

## **PROJECTS**

Dr.J.Hemapriya, Department of Microbiology received a sum of Rs. 31,000 from UGC for the project entitled “Biogenic approach of the green synthesis of Selenium and Gold nanoparticles from marine seaweed and investigate its anti-cancerous activity and cytotoxicity activity”.

Dr.V.Kiruthiga, Assistant Professor of Zoology, Dr.A.Vinodhini, Assistant Professor of Zoology, Dr.V.Prabha, Assistant Professor of Biochemistry, Dr.S.Asha, Assistant Professor of Biochemistry, Dr.A.Amrita, Assistant Professor of Biochemistry, Dr.A.Vidhya, Department of Microbiology, Dr.J.Hemapriya, Department of Microbiology received a sum of Rs. 30,000 each from **DKMCFRI** for staff projects.

Dr.N.Jabena Begum, Assistant Professor of Physics, Dr. R. Arunadevi, Assistant Professor, Department of Chemistry, Dr.K.Vinithi, Assistant Professor of Commerce, Dr.K.Shoba, Assistant Professor of Biochemistry, Dr.M.Vasumathy, Assistant Professor of Computer Science, Mrs.D.Ramya, Assistant Professor of English, Dr.K.S.Tamizharasi, Assistant Professor of Tamil, Ms.P.Nithyapriya, Assistant Professor of English received nearly a sum of Rs. 25,000 from **DKMCFRI** towards staff projects.

Dr.G.Sujatha, Associate Professor of Tamil and Dr.G.Shanthi, Assistant Professor of Tamil, Dr.T.Bharathi, Assistant Professor of Commerce, Dr.S.Sashikala, Assistant Professor of Chemistry, Mrs.S.Jayanthi, Assistant Professor of History, Dr.N.Jabena Begum, Assistant Professor of Physics, Dr.N.Dhanam and Dr.R.Arunadevi, Assistant Professor of Chemistry, Dr.G.Bhavani and Dr.K.Vinithi, Assistant Professor of Commerce, Dr.A. Vinodhini, Dr.G.Vidhya, Assistant Professor of Zoology, Dr.A.Zarina Begum, Assistant Professor of History, Dr.T.Gomathi, Assistant Professor of Chemistry, Dr.A.Vidhya and Dr.J.Hemapriya, Assistant Professor of Microbiology, Dr.S.Vijayakumari, Assistant Professor of Zoology, Dr.S.Asha and Dr.K.Shoba, Assistant Professor of Biochemistry, Dr.S.Vinodhini, Assistant Professor of Biotechnology, Mrs.S.Shanthi, Dr.R.Hamsaveni, Mrs.R.Sivagami and Mrs.A.Vidhya, Assistant Professor of Computer Science, Mrs.A.Kalaiselvi, Assistant Professor of Management Studies, Mrs.R.Sankareswari and Mrs.K.Yuvarani, Assistant Professor Tamil, M.Rajalakshmi and D.Asha, Assistant Professor of English, Ms.Nuzra Sultana, Assistant Professor of Food and Nutrition, Mrs.D.Aarthi, Assistant Professor of Psychology, received a sum of Rs. 6,000 each from **DKMCFRI** towards students project.

## **PUBLICATIONS**

### **(a) RESEARCH ARTICLES**

S.Daisylin, A.Sujitha, N.Dhanam, Mrs.S.Lavanya, Dr.A.Rajabhuvaneswari, “From lab to clinic: Translating biochemical discoveries into medical, innovations”, Journal of population therapeutics and clinical pharmacology, 2023, ISSN: 1710-6222.

S.Sashikala, S.Pooja, A.Pavithra, V.Priya, “Eco-friendly Natural flowers as Indicators in Acid-Base Titrations”, Journal of Chemical and Pharmaceutical Research, 2023, ISSN: 0975-7384.

S.Sashikala, A.Pavithra, V.Priya, S.Pooja, “Peels of Fruits and Vegetables as Eco-friendly Natural Indicators in Acid-Base Titrations”, IJCRT, 2023, ISSN: 2320-2882.

K.Buvaneswari, E.Pitchaimani, S.Anand, R.Arunadevi, “Facile preparation, characterization and photocatalytic properties of barium carbonate nanoparticles”, Desalination and Water Treatment, 2023, ISSN: 1944-3986.

M.Janani, T.Gomathi, R.Babujanarthanam, K.Kaviyarasu, “Phytogenic fabrication of zinc oxide nanoparticles from the aqueous bark extract of Acacia Nilotic and evaluation of its bioactivities”, Journal of King Saud University, 2023, ISSN: 1018-3647.

R.Sasirekha, G.Sivasankari, S.Gunasekaran, N.Manimaran, K.Santhanalakshmi, T.Gomathi, "Biosorption studies on the removal of heavy metals Copper and Chromium using chitosan nanoparticles-based bio composite", Materials Today Communications, 2023, ISSN: 2352-4928.

R.Sasirekha, S.Vijayakumar, P.Pazhanisamy, J.John Joseph, T.Gomathi, "Biosorption of copper (II) ion using chitosan nanoparticles/alginate/carboxymethyl cellulose/novel hydroxyapatite biocomposite from aqueous solution", Materials today Communications, 2023, ISSN: 2352-4928.

Dr.A.Sudarvizhi, "Agripreneurship for Economic Development of India", South India Journal of Social Sciences, 2023, ISSN: 0972-8945.

Dr.T.Bharathi, "A Study on Consumers' Perception on Online Shopping in Vellore District", Sodha Prabha, 2023, ISSN: 0973-0087.

Dr.K.Vinithi, "A Study on Impact of Online Advertising media on Buying Behaviour of Consumers of Arcot Town", South India Journal of Social Sciences. Bi-Annual Journal, 2023, ISSN: 0972-8945.

Dr.K.Vinithi, "A Study on Teachers Views on Back to classroom after the Pandemic", Journal of Foundational Research, 2023, ISSN: 2395-5635.

G.Nithya, V.Prabha, "Identification of a plant derivative (*Hibiscus cannabinus*) for mosquito (*Anopheles darlingi*) control using *in silico* protein-protein docking techniques", International Journal of Mosquito Research, 2023, ISSN: 2348-7941.

S.Maithreyee, V.Prabha, "Study on the cytochrome B protein of *Culex quinquefasciatus* with Malic acid using automated *in silico* docking protocols", International Journal of mosquito, 2023, ISSN: 2348-7941.

G.Manoj Kumar, S.Madhumitha, R.Maddaly, S.Asha, "Bio fabrication of gold nanoparticles from brown seaweeds for anticancer activity against glioblastoma through invitro and molecular docking approaches", 2023, Journal of molecular Structure, ISSN: 0022-2860.

B.Gomathy, V.Sandhiya, S.Asha, "Recent and advanced therapy for oral cancer", Biotechnology Bioengineering Wiley, 2023, ISSN: 0006-3592.

P.Thirunavukkarasu, S.Hema Preethi, S.Asha et.al., "Biomarkers- specific biosensors revolutionise breast cancer diagnosis", Clinica Chimica Acta, 2023, ISSN: 0009-8981.

A.Rekha, A.Vidhya, "Biosorption efficacy studies of Sargassum wightii and its biochar on the removal of chromium from aqueous solution", Journal of the Taiwan Institute of Chemical Engineers (Scopus), 2023, ISSN: 1539-1590.

A.Rekha, A.Vidhya, "Study on the Efficacy of the Sargassum wightii Biochar on the Remediation of Partially Treated Tannery Effluent of Ranipet Industrial Area, India", Journal of Research administration (Scopus), 2023, ISSN: 0044-0477.

S.Ramya, S.Arunadevi, A.Vidhya, "An Insight on Prodigiosin mediated apoptosis", YMER (Scopus), 2023, ISSN: 0975-8232.

E.Devika, S.Gayathri, V.Swarnalakshmi, A. Vidhya, "In vitro Photoprotective effect of an Actinomycete derived melanin against melanoma", International Journal of Pharmaceutical Sciences and research (Elsevier), 2023, ISSN: 0044-0477.

S.Maithreyee, V.Prabha, "Molecular interaction between Anti-Inflammatory Drug with colorectal cancer (MSH2) protein Using In-silico Studies", Solovyov studies ISPU, 2023, ISSN: 2076-9210.

S.Maithreyee, V.Prabha, Balaji Munivelan, "Identification of the therapeutic protein targets of 2-Hydroxydicarboxylic acid and 3D analysis using In silico protocols", Biological Forum, 2023, ISSN: 0975-1130.

P.Lavanya, A.Vidhya, "Screening and characterization of diesel degrading indigenous bacteria from Alleppey back water", International Journal of All Research Education and Scientific Methods, 2023, ISSN: 2455-6211.

Dr.J.Hemapriya, "Insights into the Biotechnological Applications of Nanotechnology", International Journal of Current Microbiology and Applied Sciences, 2023, ISSN: 2319-7706.

Dr.J.Hemapriya, "Bacterial Quorum Sensing (QS): Advances and Promises of an Emerging Research area and Complex, Dynamics Changes in Environment", International Journal of Current Microbiology and Applied Sciences, 2023, ISSN: 2319-7706.

Dr.J.Hemapriya, "Chitin and Chitosan: Its review and versatile applications", Journal of Emerging Technologies and Innovative Research, 2023, ISSN - 2349-5162.

Dr.J.Hemapriya, "Marine seaweeds as a source of food and its diverse applications", Journal of Emerging Technologies and Innovative Research, 2023, ISSN - 2349-5162.

Dr.J.Hemapriya, "Eco-Friendly Biodegradation of Plastics by Intuitive Bacterial Strains from Polyethylene Polluted Sites and Optimizing its Culture Conditions by Response Surface Methodology (Rsm)", Journal of Bioremediation & Biodegradation, 2023, ISSN: 2155-6199.

Dr.C.Sumitha, "A study on impact of mobile phone addiction on Adolescents life", Humanities and Social Science Studies, 2024, ISSN: 2319-829X.

Dr.S.Sasikala, "A Study on impact of advertising on consumer buying behaviour in Vellore city", Humanities and Social Science Studies, 2024, ISSN: 2319-829X.

Dr.J.Hemapriya, "A Framework for Machine Learning - Based crop Monitoring and a Smart Farming Support System with Image and Sensor Data", YMER, 2024, ISSN: 0044-0477.

T.Gomathi, V.Priyadharshini, Mohammed Mujahid Alam, Mohammed Amanulla, V.Rekha, C.Vinothini, S.Santhalakshmi, R.Arunadevi, P.Pazhanisamy, Sekar Vijayakumar, "Fabrication of Chitosan-coated Calcium Tungstate (CaWO<sub>4</sub>/Chitosan) and its Antioxidant, Antimicrobial and Photocatalytic Activity", Inorganic Chemistry Communications, 2024, ISSN: 1387-7003.

S.Sashikala, A.Nousheen Iffath, S. Sharmila, "Extraction of natural dyes from some plant parts and its applications on fabrics", IJCRT, 2024, ISSN: 2320-2882.

R.Bharathi Priyadharsini, J.Saranya, A.Amrita, T.Gomathi, S.Santha Lakshmi, "Biological investigation including in vivo wound healing studies of Schiff base transition metal complexes", Inorganic chemistry communications, 2024, ISSN: 1387-7003.

T.Gomathi, Mohammed Mujahid Alam, Abdullah G.Al-Sehemi, P.N.Sudha, P.Pazhanisamy, Sekar Vijayakumar, "Evaluation of sustained release and cytotoxicity studies of 5-Fluorouracil loaded Chitosan nanoparticles using sodium tripolyphosphate/ sodium hexametaphosphate", Int J Biol Macromol, 2024, ISSN: 0141-8130.

Dr.T.Bharathi, "A Study on the Consumer Behaviour towards Online Shopping in Vaniyambadi Town", International Education and Research Journal, 2024, E-ISSN: 2454-9916.

R.Gowri, "Impact of consumer behaviour on unleashing the power of viral marketing in Vellore City", Humanities and social science studies, 2024, ISSN 2319-829X.

P.Thirunavukkarasu, S.Asha, "Prospectives and retrospective of microfluidics devices and lab-on-A-chip emphasis on cancer", Clinica Chimica Acta, 2024, ISSN: 0009-8981.

S.Arunadevi, A.Vidhya, "Water quality analysis techniques for fresh water ecosystem", YMER (Scopus), 2024, ISSN: 1539-1590.

Dr.G.Sujatha, "Sanga Ilakiya Ettuthogaiyil Thani Manidha Aalumai", Valar Tamizh Aaivu, 2023.

Dr.G.Sujatha, "Tamizh Ilakkiya Varalaru", Thandiyalangaram, 2023.

Dr.G.Sujatha, "Semmozhi Tamizh Padalgali Siruthaniya Unavugal", Velanmayil Thinaipayir, 2023.

Dr.G.Sujatha, "Needhi Noolgalil Kallar in Thunbangal", Sempulam, 2024, ISBN: 2320-589X.

Dr.G.Sujatha, "Sempulam Pannatuu Tamizharaichi", Pandaiya Thamizharinneeriyal Melanmai, 2024.

**(b) BOOK / BOOK CHAPTERS**

T.Gomathi, P.N.Sudha, S.Thomas, "Nano biomaterials: Research Trends and Applications (1st ed.)." 2023, ISBN: 9780429057038.

T.Gomathi, P.N.Sudha, S.Thomas, "Nano biomaterials: An Overview", Nano biomaterials: Research Trends and Applications, 2023, ISBN: 9780429057038.

T.Gomathi, R.Sasirekha, J.John Joseph, G.Rajakumar, "Fabrication of Micro and Nano Devices for Tissue Engineering Applications", Nanobiomaterials: Research Trends and Applications, 2023, ISBN: 9780429057038.

J.Venkatesan, S.Revathi, R.Sasirekha, P.N.Sudha, P.Pazhanisamy, T.Gomathi, "Chitosan Based Nano bioceramics in Bone Tissue Engineering Application", Nano biomaterials: Research Trends and Applications, 2023, ISBN: 9780429057038.

W.L.Isuru Wijesekara, S.Gokila, T.Gomathi, P. Supriya, M.Deepa, P.N.Sudha, "Bio-Nanotechnology in Agriculture: New Opportunities and Future Prospects", Nano biomaterials: Research Trends and Applications, 2023, ISBN: 9780429057038.

Dr.V.Kiruthiga, "Pharmaceutical Science & Technology Advances in Nutraceuticals - Nutraceuticals in Cancer Prevention Management, and Treatment", Apple academic press, 2023, ISBN: 9781003392552.

Dr.A.Vinodhini, "Pharmaceutical Science & Technology Advances in Nutraceuticals - Nutraceuticals in Cancer Prevention, Management, and Treatment", Apple academic press, 2023, ISBN: 9781003392552.

Dr.T.Bharathi, "Impact of Modern Technology in Business", Multidisciplinary Research, 2023, ISBN: 978-81-952402-7-2.

Dr.K.Vinithi, "A Study on Customers Perception towards Online Food ordering and Delivery Platforms with Special Reference to Arcot", Digital Transformation: Challenges and Learning Opportunities in Commerce and Management, 2023, ISBN: 978-93-94187-85-6.

Dr.K.Vinithi, "A Study on Customer Impact Towards Digital Payment with Special Reference to Vellore City", Impact of Digital Payment System in the Indian Economy, 2023, ISBN: 978-93-5577-890-1.

Dr.G.Sujatha, "Perumal thirumozli", Kulasegara perumalaruliya perumal thirumozli, 2023, ISBN: 978-81-945795-8-8.

Dr.K.Shoba, "Functional peptide - Crustins studies in Fiddler crab species", Emerging Trends in Multidisciplinary Research (Etmr), 2023, ISBN: 978-93-91387-55-6.

Dr.K.Shoba, "Role of Bioinformatics in the field of medicine", Emerging Trends in Multidisciplinary Research (Etmr), 2023, ISBN: 978-93-91387-55-6.

Dr.A.Vidhya, "Bioabsorbable engineered nanomaterials for antimicrobial chemotherapy", 2023, ISBN: 9780429057038.

Dr.J.Hemapriya, "Bio nanotechnology in Robust Biosolar Cells", 2023, ISBN: 9780429057038.

Dr.J.Hemapriya, "Nanobiomaterials in Bioremediation", 2023, ISBN: 9780429057038.

Dr.S.Vinodhini, "Impact of Algae Biomass for Pharmaceutical Application", Algal Biomass Technology and Research Sustainable Solutions in Diverse Industries, 2-volume set: Volume 1: Algal Biomass for Food, Agriculture, 2024, ISBN: 9781774918920.

Dr.S.Sashikala, Dr.R.Arunadevi, Dr.P.Ajitha, "Futuristic Trends in Solar Energy", Futuristic Trends in Renewable & Sustainable Energy, 2024, ISBN: 978-93-6252-602-1.

## **(c) PUBLICATIONS IN CONFERENCE PROCEEDINGS**

Dr.A.Sudarvizhi, “A Study on Modern Technology as a Service”, Modern Management Equipped with Technologies, 2023, ISBN: 978-81-952402-7-2.

Dr.A.Sudarvizhi, “Traditional Management vs Modern Management Styles”, Modern Management Equipped with Technologies, 2023, ISBN: 978-81-952402-7-2.

Dr.A.Sudarvizhi, “E-Commerce”, International Conference on "Data-Driven Sustainable Business Practices During Turbulent Times", 2023.

Dr.A.Sudarvizhi, “Predictive Analytics of High-Potential Employees - A Game-Changer for HR”, Preparing HR for the Future AI-Driven Skills Development and Training Initiatives, 2023, ISBN: 978-81-964545-1-7.

Dr.A.Sudarvizhi, “Marketing of Fast - Moving Consumer Goods (FMCG) at Tourist Destinations: A Study of Shampoo Preference at Yelagiri Hill Station”, International Journal for Multidisciplinary Research, 2023, ISSN: 2582-2160.

Dr.T.Bharathi, “Perks for Salary and Perks for Skill Set”, Modern Management Equipped with Technologies MMET2K23, 2023, ISBN: 978-81-952402-7-2.

Dr.T.Bharathi, “Ethical Challenges in AI for Higher Education and Practice”, Preparing HR for the Future AI Driven Skills Development and Training Initiatives, 2023, ISBN: 978-81-964545-1-7.

Dr.G.Sujatha, “Semmozhi Tamizh Padalgalil Siruthaniya Unavugal”, Velanmayil Thinaipayir, 2023, ISBN: 978-93-86890-94-8.

Dr.K.Shoba, “Role of Bioinformatics in the field of medicine”, Conference Proceedings Of "International E-Conference on Innovation in Life Sciences, 2023, ISBN: 93-91387-75 4.

Dr.R.Radjavally, “Impact of micro finance towards women's Economic Empowerment”, ODJ, 2023, ISSN: 0889-6402.

Dr.R.Radjavally, “Investigating the Economic Implications of Labour Market Trends on Business Hiring Practices”, International Journal of Economic and Business Review, 2023, ISSN: 2349-0187.

Dr.K.Shoba, “Utilising Nanotechnology: An Overview”, Proceedings of Ii-International Conference On “Advances in Chemical and Biological”, 2024, ISBN: 978-93-94198-73-9.

Dr.K.Shoba, “In Silico Structural Analysis and Homology Modelling of Antimicrobial Protein Crusting from *Fiddler* Crab species”, Proceedings of Ii-International Conference On “Advances in Chemical and Biological Sciences (Acbs 2024)”, 2024, ISBN: 978-93-94198-73-9.

Mrs.R.Sankareswari, “Oppiyal Nokkil Vallalar”, Vallalarin Manidhaneya Sindhanaigal, 2024, ISBN: 97881968.

## PROGRAMMES

### UNION INAUGURATION



The College Union and its Allied association for the academic year 2023-2024 were inaugurated on 27.07.2023 at 10.00 am. by Dr.G.Ezhilan, RJD Vellore Region, the chief guest delivered the inaugural address.

### GUEST LECTURES

The Department of Tamil organized a Guest Lecture on 04.08.2023. The Resource Persons were Dr.R.V.Dhatchayani M.D. (Paediatrics) Associate Professor of Pediatrics, Government Vellore Medical College, Dr.T.Oviyaveena, M.D. (Paediatrics) Associate Professor of Pediatrics, Government Vellore Medical College, Adukkamparai, delivered a lecture on “Awareness program - Importance of Breast feeding.”



The Department of Biotechnology organized a Guest Lecture on 14.08.2023. The Resource Person was Dr.K.M.Kumar, Associate Professor, Department of Bioinformatics, School of life Sciences, Pondicherry University, delivered a lecture on “Emerging technologies and future career scope of Bioinformatics in life Science”.

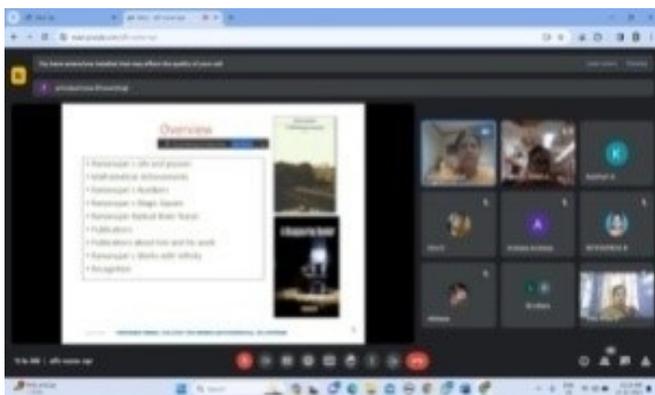
The Department of Tamil, Department of Psychology with MHRD- IIC organized a Guest Lecture on 25.09.2023. The Resource Persons were Mrs.S.Amsaveni, Palm leaf Handicraft, Producer and Trainer, Cholavaram, Vellore and Ms.S.Pavithra, Innovative Home Handicraft, Producer and Seller delivered a lecture on “Impossible to I'm Possible : My Psychological Approach to Become a Successful Innovator”.





The Department of History, Department of Tamil in collaboration with the Department of Tourism, Government of Tamil Nadu jointly organized World Tourism Day on 27.09.2023. The Resource Person was B.Elamurugan, Tourist officer (FAC), Vellore, delivered his lecture on “The Importance of Tourism.”

The Department of Computer Science and Applications organized a Guest Lecture on 11.12.2023. The Resource Person was Dr.V.Vijayarajan, Associate Professor & Head, Department of Internet of Things School of Computer Science & Engineering, VIT, Vellore, Tamil Nadu, delivered a lecture on “Recent Trends in Artificial Intelligence & Machine Learning.”



The Department of Mathematics organized a Guest Lecture on 22.12.2023. The Resource Person was Dr.S.Akila, Principal, Theivannai Ammal College for Women (Autonomous), Villupuram, delivered a lecture on “Srinivasa Ramanujan and Glimpses of his Mathematics”.

The Department of Food and Nutrition organized Cancer Day awareness programme on 02.02.2024. The Resource Person was Mrs.D.Aarthi, Head & Assistant Professor Department of Psychology, DKMC, Vellore, delivered a lecture on “Impact of Counseling on quality of life for cancer patients”.





The Department of Economics, NCC and MHRD-IIC organized a Guest Lecture on 15.03.2024. The Resource Person was Dr.V.S.Palaniammal, Assistant Professor & Head, Department of Management Studies, DKMC, Vellore, delivered a lecture on "Mastering the Art of Business Modelling: Insights into the Business Model Canvas".

The Department of English organized World story telling day on 20.03.2024. Dr.R.Banumathy, Principal, DKMC, Vellore, delivered lecture on "Story telling."



## RUSAC



The Department of Chemistry organized RUSAC on 28.02.2024. Students from five different colleges in and around Vellore took part in the inter-collegiate paper presentation.

## WORKSHOPS

The Department of Management Studies organized one day workshop on "Startup adventures: from Ideas to Business" on 11.10.2023. The Resource Person was Dr.D.Vetrivelan, Assistant Professor and Research Head, Department of Management Studies, Marudhar Kesari Jain College, Vaniyambadi.





The Departments of Biochemistry, Microbiology, Biotechnology and Chemistry organized one day National level workshop on “Hands on DNA Isolation, Conventional PCR and Electrophoresis” on 14.10.2023. The Resource Person was Dr.S.Vimal, Associate Professor, Department of Biochemistry, Saveetha Medical College and Hospital, Chennai.

The Department of Computer Science and Applications organized workshop on “AI and Chat GPT” on 15.12.2023. The Resource Person was Mrs.S.Rajalakshmi, Data Scientist & MAT Lab Programmer, Strydo Technologies Pvt. Ltd, Vellore.



The Department of Management Studies organized one day workshop on “Data analysis using SPSS and detecting plagiarism” on 22.12.2023. The Resource Person was Dr.K.Kishore, Assistant Professor, Department of Commerce, Voorhees College, Vellore.

The DKMCFRI, Department of Microbiology, Biochemistry and Biotechnology organized a workshop on “Handling and care of laboratory animals in accordance with Ethical Guidelines for Research "on 20.01.2024. The Resource Person was Dr.Soosai Manickam Amritham, Associate Research Officer, Department of Physiology, Christian Medical College, Vellore.





The Department of Microbiology organized two days workshop on “Molecular Techniques for Innovative research” on 01.03.2024 and 02.03.2024. The Resource Person was Mr.S.Sunil Laxman, Product Manager, Medox Biotech India Pvt. Ltd.

The Department of Psychology organized workshop on “Solution Focused Therapy” on 07.03.2024. The Resource Person was Mrs.A.Thendralarasi, Founder, Cherish Behavioral Training Centre, Chennai.



## SEMINARS



The Department of Physics organized a seminar on “Super conductivity and its applications” on 15.02.2024. The Resource Person was Dr.A.Ubaithulla Baig, Assistant Professor, Department of Science and Humanities, C. Abdul Hakeem College of Engineering and Technology, Melvisharam

The Department of Computer Science organized science week “Seminar on IPR” on 27.02.2024. The Resource Person was Dr.R.Hamseveni, Assistant Professor, Department of Computer Science, DKMC, Vellore.



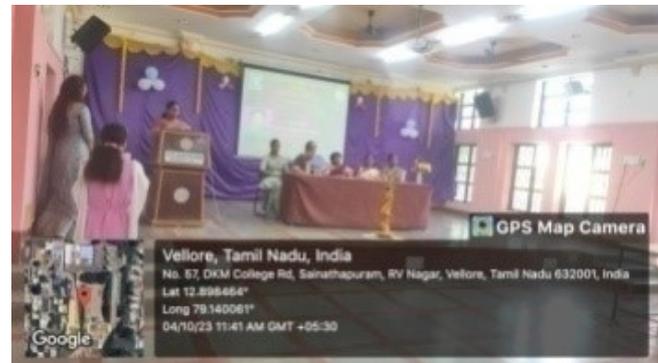
## CONFERENCES



The Department of Foods and Nutrition organized a national conference on “Nourishing the present empowering the future” on 07.09. 2023. The Resource Person was Mrs.A.Santhanalakshmi, Child Development Project Officer, Integrated Child development services, Department Of Social Welfare, Government of Tamil Nadu.

## ASSOCIATION MEETINGS

The Department of English organized Association Meeting on 04.10.2023. The Resource Person was Dr.A.Amudha Arockiya Mary, Assistant Professor, Department of English, Auxilium College Katpadi, delivered a lecture on “Media and Literature”.



The Department of Economics organized Association Meeting on 28.12.2023. The Resource Person was Dr.C.Rajesh, Assistant Professor, P.G and Research Department of Economics, Voorhees College, Vellore, delivered a lecture on “Economics a way for good career”.

The Department of History organized Association Meeting on 19.01.2024. The Resource Person was Dr.K.M.A.Mohamed Omer Farooque, Assistant Professor in History, C.Abdul Hakeem College (Autonomous), Melvisharam, Ranipet District, delivered a lecture on “Qualities of Great Women Fighters”.





The Department of Zoology organized Association Meeting on 26.02.2024. The Resource Person was Mrs.S.Suganthi, PG Assistant, (Zoology) Government Adi Dravidar Welfare Higher Secondary School, Pillandhipattu, K.V.Kuppam Block, Vellore, delivered a lecture on the topic “Your Future”.

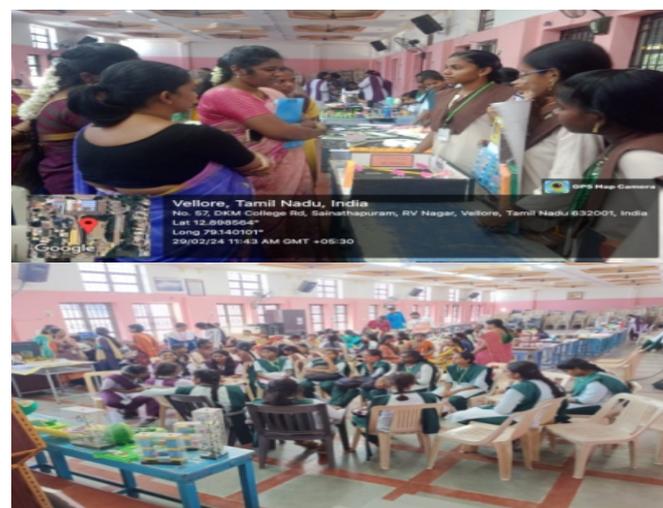
The Department of Chemistry organized Association Meeting on 04.03.2024. The Resource Person was Dr.K.Geetha, HOD & Associate Professor, MGAC, Vellore, delivered a lecture on “Impact on Chemistry on diverse sectors”



The Department of Mathematics organized Association Meeting on 16.03.2024. The Resource Person was Mrs.Jayasri Ramesh, System Engineer, TCS, Chennai, delivered a lecture on “Mastering over thinking A Guide to mental wellness”.

## SCIENCE WEEK- EXHIBITION AND SCIENCE GAMES

The Science Departments with MHRD- IIC & DST-FIST Instrumentation Centre organized Science week, Exhibition and Science Games from 26.02.2024 to 29.02.2024. Around 200 school students were benefited.



## EXTENSION ACTIVITIES



The extension activities by all the departments of D.M.K.College for women, Vellore, were conducted at Government girls Higher Secondary School, Sekkanu and around 150 school students were benefited.

### **Department of Mathematics**

The Department of Mathematics, aided “Planted trees” at Sekkanur Panchayath on 18.08.2023, with 58 students and 2 faculty members and unaided stream taught Mathematical tricks through games on 02.02.2024, with 10 students and 2 faculty members.

### **Department of Psychology**

The Department of Psychology gave “Adolescence Counseling” on 07.11.2023, with 4 students and 2 faculty members.

### **Department of Biotechnology**

The Department of Biotechnology conducted an awareness programme on “Bio Entrepreneurship” on 23.01.2024, with 33 students and 2 faculty members.

### **Department of Biochemistry**

The Department of Biochemistry conducted an awareness programme on “Diabetes Mellitus” on 30.01.2024 with 17 students and 2 faculty members.

### **Department of Microbiology**

The Department of Microbiology conducted general awareness programme on 31.01.2024, with 53 students and 2 faculty members.

### **Department of History**

The Department of History conducted an awareness programme on “Career Guidance” on 31.01.2024 with 20 students and 2 faculty members.

### **Department of Management Studies**

The Department of Management Studies conducted Motivational and Skill development Training Programme on 01.02.2024, with 12 students and 2 faculty members.

### **Department of Commerce (aided)**

The Department of Commerce conducted Consumer Awareness Programme on 01.02.2024, with 18 students and 2 faculty members.

### **Department of English**

The Department of English conducted a programme on “Teaching Soft Skills and Basic Grammar in English” on 01.02.2024 with 46 students and 2 faculty members.

### **Department of Tamil**

The Department of Tamil conducted an awareness programme on “Water Pollution” on 01.02.2024, with 18 students and 3 faculty members.

### **Department of Chemistry**

The Department of Chemistry conducted an exhibition on 02.02.2024 with 15 students and 2 faculty members.

### **Department of Computer Science and Applications**

The Department of Computer Science and Applications conducted an awareness program on “Artificial Intelligence” on 02.02.2024, with 8 students and 2 faculty members.

### **Department of Nutrition**

The Department of Nutrition conducted “Anemia awareness and General health Camp” on 03.02.2024, with 36 students and 2 faculty members.

### **Department of Zoology**

The Department of Zoology conducted an awareness program on “Human and Environmental Health” on 05.02.2024 with 33 students and 2 faculty members.

## NATIONAL SERVICE SCHEME (NSS)



- World Child Labour Day Pledge was taken on 12.06.2023.
- World Blood Donor Day Pledge was taken on 14.06.2023.
- General Health Check-Up was organised by Primary Health Centre on 23.06.2023
- Rally was conducted on World Population Day on 11.07.2023.
- T.B. awareness programme was organised on 10.08.2023 and the resource person of the day was Mrs.Kasthuri from Health Department, Vellore.
- Anti-Drug Awareness Tamil Nadu-CM Pledge was organized on 11.08.2023.
- Onam was celebrated on 29.08.2023.
- Social Justice Day Pledge was taken on 15.09.2023.
- Marathon was conducted on 08.10.2023.
- Anti-Corruption awareness was organized on 30.10.2023.
- AIDS awareness pledge was taken on 01.12.2023.
- Human Rights Day was organized on 08.12.2023.
- Mass Cleaning was organized on 11.01.2024.
- The Special camp was conducted from 29.01.2024 to 04.02.2024. On the day of valediction Dr.K.Ravichandran, NSS Co-ordinator, Thiruvalluvar University distributed the certificate to the volunteers.
- Intercollege NSS meet was conducted at Kodaikanal from: 27.02.2024 to 29.02.2023.
- Blood Donation Camp was organized on 05.03.2024.

## NATIONAL CADET CORPS (NCC)



- ❖ International Yoga Day was observed on 21.06.2023.
- ❖ Enrolment Day was observed on 26.07.2023.
- ❖ Youth Festival was celebrated on 15.08.2023 at Thiruvalluvar University, Serkadu.
- ❖ Going Green Ganesha : An Awareness Program on Eco-Friendly Idol Immersion on 20.09.2023.
- ❖ Swachhta Abhiyan was observed on 29.09.2023.
- ❖ T.Vaishnavi was felicitated by the Deputy Director General of the Tamil Nadu, Andaman, and Pondicherry Directorate for participating in the Thal Sainik Camp at New Delhi, on 30.09.2023.
- ❖ Vigilance Awareness Week was observed on 03.11.2023.
- ❖ FIT India Week was observed from 22.01.2024 to 27.01.2023.
- ❖ Colonel Arimdar Majumdar Group Commander of Madras 'A' engaged in an interactive session with the cadets, on 08.02.2024.



On 05.03.2024 Red Ribbon Club organized Blood Donation Camp along with NSS in our college.

### CELEBRATIONS

- Fresher's Day was celebrated on 27.07.2023 to welcome the first year students of the college.
- Independence Day was celebrated on 15.08.2023 at 8.00 am with usual fervor .Mr .N.NanadhaKumar, the Record Clerk (SG), hoisted the national flag. Dr. L. Umamaheshwari, Assistant Professor and Head of the Department of Botany delivered the Independence Day message.
- Teacher's day was celebrated on 05.09.2023 at 10.00 am.
- Republic Day was celebrated on 26.01.2024 at 8.00 am with usual fervor Mr.A. Kalaitendral, was the guest of the day and delivered the Republic Day message and hoisted the flag.



**Independence Day**



**Republic Day**

### OTHER PROGRAMMES

#### **YOUTH RED CROSS**

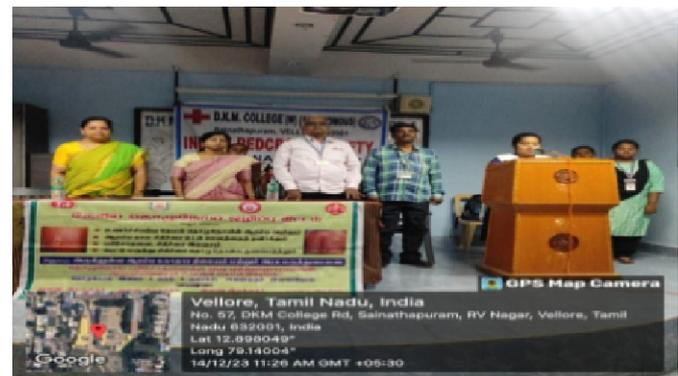
“World Nature Conservation Day” was observed on 28.07. 2023. The students were given various activities to prove out their artistry; finally prizes were awarded to the best performances by our Principal Dr.R.Banumathy





Blood donation camp was organized with CMCH, Vellore on 21.08.2023.

An Awareness program was conducted on “Eradication of Leprosy and Tuberculosis” with Government Health Service Vellore on 14.12.2023. Dr .B. Preetha, Deputy Director of Health service Leprosy, Vellore, delivered the special address.



“National Youth Day” was celebrated by YRC along with MHRD-IIC ON 12.01.2024, chief guest Dr.S.Thamarai Selvi delivered speech on “Winners to lead and losers to Guide”.

The “Joy of Giving” was organized on 29.01.2024. Our college students provided necessary items to road side people of Sekkanur village. Stationery items were offered to Government Elementary School, Sekkanur Village.





An Awareness program on Anti-drug was conducted on 12.02.2024. The resource person was Mrs. T Rajakumari, Sub inspector of police, All Women's police station, Vellore, delivered special address on “Opposing illicit drug and their usage”.

**ROTRACT CLUB**

Rotract Inaguration for the academic year 2023-2024 was on 21.08.2023. The chief guest were Rtn. PHF.H.Prem Anand, Rotaract Chairman, Rotary District 3231. Rtn.P.Ganesh Gandhi Asst, Rotary District 3231.



Blood Donation camp was on 21.08.2023 in collaboration with YRC DKMC.

Rotract Club, Energy Conservation Committee, MHRD-IIC and Department of Chemistry observed Energy Conservation Day on 14.12.2023. The chief guest was Dr.R.Shanmugam , Asst. Prof, CO<sub>2</sub> Research green technologies centre, VIT, Vellore.





### **CITIZEN CONSUMER CLUB**

The Department of Commerce and CCC conducted Postal Life Insurance camp on 05.02.2024.

### **ALUMNI ASSOCIATION**

Alumni meet was conducted on 28.01.2024, Dr. Jasmine, HR Exdion Company Private Ltd., shared her views on searching of Jobs



### **PLACEMENT AND CAREER GUIDANCE CELL**

The Employment and Career Guidance Centre, Vellore in association with Career Guidance and Placement Cell of DKMC, Vellore, organized a Job fair on behalf of "Dr.Kalaingar's Centenary Celebration" on 16.12.2023.

### **STUDENT WELFARE DEVELOPMENT COMMITTEE**

The Students welfare development Committee organized "A cancer awareness programme" on 06.02.2024. The Resource Person was Dr.Rajiv Gandhi MD, DM, ESMO consultant and Medical Oncologist from Sri Narayani Hospital and Research centre, Vellore.



## Honours and Awards

- ❖ Dr.M.Nagarathinam, Associate Professor of Chemistry, received Empowering Women's Awards-2024 by Indian Red Cross Society, Katpadi, Vellore & Tamil Nadu Science Forum (TNSF), Vellore.
- ❖ Lt.Dr.A.Amirthavalli, Associate Professor of History, received Best Teacher award by Thiruvalluvar University.
- ❖ Dr.S.Santha Lakshmi, Associate Professor of Chemistry received Certificate Excellence in Reviewing by Asian Journal of Chemical Sciences.
- ❖ Dr.D.Sasikala, Associate Professor of Zoology received Best Nodal Officer Award 2024 by Election Commission of India, Chennai region.
- ❖ Dr.A.Sudarvizhi, Associate Professor of Commerce, received Unity Champions 2023 Excellence Awards by Indian Achievers Forum Of Excellence Records Vellore, Education Empowering India Excellence Awards 2024 by Indian Achievers Forum Of Excellence Records Vellore
- ❖ Dr. V. Kiruthiga, Assistant Professor of Zoology received Best Researcher Award 2023 by Indian Academic Researcher Association.
- ❖ Dr.G.Sujatha, Associate Professor of Tamil received Namakkal Kavignar Ulamagizh Award from Namakkal Kavignar Sindhanai Peravai, Anaithulaga Pongu Tamil Sangam in 2023, Sirandha Tamizhasiriyar Award from Tamizhthai Foundation in 2023, Desathin Olisudar Award from Pasumai Vaasal Foundation in 2023, Samuga Sindhanaiyalar Award from Anaithulaga Pongutamizh Sangam in 2023, Jeevakarunya Nerisudar Award from Anaithulaga Pongutamizh Sangam in 2024, Semmozhi Selvar Award from Anaithulaga Pongutamizh Sangam in 2024.
- ❖ Dr.G.Shanthi, Assistant Professor of Tamil, received Engal Aasan Award from Pasumai Vaasal Foundation in 2024, Meignana Poomalai Virudhu from Aram Anbin Adayalam Arakkatalai in 2023, Maga Kavi Award from Tamizhthai Foundation in 2023, Sirandha Tamizhasiriyar Award from Tamizhthai Foundation in 2023.
- ❖ Dr.S.Thamaraiselvi, Assistant Professor of Tamil received Sirandha Tamizhasiriyar Award from Tamizhthai Foundation in 2023, Desathin Olisudar Award from Pasumai Vaasal Foundation in 2023.
- ❖ Dr.S.Sasikala, Assistant Professor of Tamil received Ponguthamizh Paavanar Award from Anaithulaga Pongutamizh Sangam in 2024, Ezhuchi Kavignar Award from Anaithulaga Pongutamizh Sangam in 2023, Semmozhi Semmal Award from Anaithulaga Pongutamizh Sangam in 2024, Sirandha Tamizhasiriyar Award from Tamizhthai Foundation in 2023, Tamizh Sudaroli Award from Anaithulaga Pongutamizh Sangam in 2023, Kuzhandhailakkiya, Semmal Award from Anaithulaga Pongutamizh Sangam in 2023, Best Teacher Award from Tamizhthai Foundation in 2023, KavimaniIlakkiya Award from Anaithulaga Pongutamizh Sangam in 2023, Muthamizh Arignar Award from Anaithulaga Pongutamizh Sangam in 2023.
- ❖ Mrs.R.Sankareswari, Assistant Professor of Tamil received Best Teacher Award from Tamizhthai Foundation in 2023, Desathin OliSudar Award from Pasumai Vaasal Foundation in 2023, Meignana Poomalai Virudhu from Aram Anbin Adayalam Aracatuba in 2023.
- ❖ Mrs.M.Ponni, Assistant Professor of Tamil received Meignana Poomalai Virudhu from Aram Anbin Adayalam Arakkatalai in 2023, Somnath Maamani Award from Pasumai Vaasal Foundation in 2023, Best Teacher Award from Tamizhthai Foundation in 2023.
- ❖ Dr.G.Shanthi, Dr.S.Thamaraiselvi, Dr.S.Sasikala, Mrs.R.Sankareswari, Mrs.M. Ponni, Mrs.D.Punithavalli, Dr.K.S.Thamizharasi, Mrs.K.Yuvarani, Mrs.N. Sudhamathi, Mrs.N.Sumitha, Mrs.M.Ishwarya, Assistant Professor of Tamil received Tamizhmozhi Semmal Award 2024 from Anaithulaga Pongutamizh Sangam in 2024.



## **D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS)**

Affiliated to Thiruvalluvar University

Accredited by NAAC "A" Grade

**Sainathapuram, Vellore-632 001. Tamil Nadu, India.**

Phone : 0416-2263600 E-Mail: [info@dkmcollege.ac.in](mailto:info@dkmcollege.ac.in); [naac.dkmc13@gmail.com](mailto:naac.dkmc13@gmail.com)

Mobile: + 91 - 94422 83682, + 91 - 98429 10157, Fax : 0416 - 2260550