



RAMAIAH

College of Arts, Science
& Commerce - Autonomous



॥ ज्ञानं विज्ञानं च भक्तिसहितं ॥
Jnanam Vijnanam Cha Bhaktisahitam



ಜ್ಞಾನ ಸಂಹಿತಾ
JNANA SAMHITHA
QUARTERLY NEWSLETTER



VOLUME - I

ISSUE - IV

October – December - 2024

www.msrmcasc.edu.in



VISION

To prepare men and women for the service of the country.

MISSION

Will deliver global quality education by nurturing a conducive learning environment for a better tomorrow through continuous improvement and customization

OBJECTIVE

1. To provide quality education
2. To impart life skills and values.
3. To train in confidence building and Decision making.

EDITORIAL COMMITTEE

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Prof. Jayaram B S

Vice Principal, MSRCASC

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Ms Arhatha J

Assistant Professor
Department of English

Ms Swetha P

Assistant Professor
Department of Microbiology

STUDENT PANEL

- **Preethi Kumari**, V Sem B.A
- **Vismay Rao BN**, III Sem ECS
- **Deeksha D Kashyap**, V Sem B. Sc
- **Kesari P**, V Sem BBA
- **Rishab MD Fardin**, I Sem B.A



"Education is the most powerful weapon you can use to change the world."
- Nelson Mandela

Welcome to M.S. Ramaiah College of Arts, Science, and Commerce, Bengaluru, an institution committed to academic excellence and holistic student development. At MSRCASC, we believe education extends beyond textbooks. Our campus is equipped with state-of-the-art infrastructure, including advanced laboratories and smart classrooms that enhance learning experiences. Our dedicated and highly qualified faculty provide invaluable support in all academic, co-curricular, and extra-curricular initiatives.

We understand the dynamic needs of the industry and have established strong partnerships with leading industries, research institutions, and corporations. This collaboration enables us to offer our students cutting-edge training, industry-relevant knowledge, and hands-on experiences through workshops, add-on courses, internships, and industrial visits.

Our carefully curated curriculum goes beyond the classroom, focusing on practical skills, soft skills development, and research-based learning to ensure that our students are not just prepared for their careers but are empowered to innovate, lead, and excel in their respective fields. At MSRCASC, we cultivate a culture of curiosity, creativity, and lifelong learning, preparing our students to thrive in a rapidly changing world. Join us and be part of a community that shapes the future!

Dr. Pushpa. H

Professor and Principal

Ramaiah College of Arts, Science and Commerce - Autonomous

M S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE - AUTONOMOUS

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**18th International Conference on Trace Elements in Man and Animal (TEMA-18)
Hosted by Ramaiah Group of Institutions-India In association with
Pennstate University USA .**



**Ramaiah Institution's Triumph: 18th International
Conference on Trace Elements in Man and Animals Set
a Global Milestone in Trace Elements Research**

The inaugural function of the 18th International Conference on Trace Elements in Man and Animals (TEMA18), organized by the Ramaiah Group of Institutions in collaboration with Pennsylvania State University, USA, was held on November 8, 2024, at 3:00 PM. The event was presided over by Dr. M.R. Jayaram, Hon'ble Chairman of Gokula Education Foundation (GEF), and featured Dr. P.R. Krishnaswamy, a distinguished medical scientist and former director of Mallya Hospital, as the Chief Guest. Guests of Honour included Prof. Xingen Lei, Chairperson of the TEMA Parent Committee from Cornell University, USA, and Dr. Sridevi A. Singh, Director of CSIR-CFTRI, Mysuru. The function was attended by notable dignitaries, including Dr. M. R. Seetharam, Vice Chairman of GEF, and key executives and directors of GEF, along with eminent academicians and researchers. The ceremony highlighted the importance of trace element research in human and animal health, setting the stage for the conference's extensive agenda of knowledge exchange and cultural engagement.



The event opened with a traditional lamp-lighting ceremony symbolizing knowledge and enlightenment. The chief guests, accompanied by distinguished dignitaries, lit the ceremonial lamp. The warmth of the welcome and ceremonial rituals underscored the cultural significance of this historic event, as TEMA made its debut at one of Bengaluru's premier institutions, the Ramaiah Group of Institutions, India.





The 18th international conference on trace elements in man and animals marked a significant milestone, being hosted for the first time in India at MS Ramaiah Institute of Technology (MSRIT). Originating in 1969 in Aberdeen, Scotland, TEMA had traveled across the globe, bringing together leading researchers and practitioners to explore the critical roles trace elements play in health and disease.

This year's TEMA, organized in collaboration with Pennsylvania State University, USA, and the Ramaiah Group of Institutions, India, was coordinated by the MS Ramaiah College of Arts, Science, and Commerce. The conference was held at the apex auditorium at MSRIT, where scientists, academics, and students came together to explore groundbreaking research on trace elements crucial in fields ranging from immunology to cancer treatments.

Speakers included globally acclaimed scientists such as Professor K. Sandeep Prabhu from Pennsylvania State University and Professor Vadim N. Gladyshev from Harvard Medical School, Boston, USA. Professor Xingen Lei, Chairperson of the TEMA Parent Committee, Cornell University, USA, also graced the event. Professor Prabhu's research focused on selenium's impact on immune function and cancer prevention, particularly in inflammation resolution and targeting cancer stem cells. His notable recognitions included the GIAN and AAAS.

Professor Vadim, a pioneering figure in redox biology and aging research, delivered insights into oxidative stress, longevity, and selenium's role in human health. With a prolific record of over 400 published papers, his work earned him accolades like the NIH Director's Pioneer Award and election to the US National Academy of Sciences.

The TEMA Conference aimed to advance discussions on the intricate roles of trace elements, particularly their impact on human health, development, and disease prevention. The Ramaiah Group of Institutions played a pivotal role in making the event a grand success, providing excellent facilities for a fruitful exchange among experts, students, and scholars.



Kannada Rajyotsava 2024: A Spectacular Fusion of Tradition, Talent, and Festive Spirit!



M S Ramaiah College of Arts, Science, and Commerce celebrated Kannada Rajyotsava with great enthusiasm on November 16, 2024. The event was graced by Chief Guest L.N. Mukundaraj, President of the Karnataka Sahitya Academy, and presided over by Dr. H V Parswanath, Prof. Karisiddappa, and Sri. Ramachandra G., with the support of Principal Dr. Pushpa H. The celebrations began with a Bhuvaneshwari Devi Pooja and a vibrant procession involving students, the Principal, and the Management. The highlight of the event was a mesmerizing performance of Karnataka's traditional tribal dances, Veera Gaase and Kamsale, by a professional troupe. Students also showcased their talents in various competitions, including Bhavageethe, Rasaprashne, Veshabhooshana, and Rangoli, with many winning prizes. The prize distribution ceremony was conducted by the Chief Guest, CEO, Academic Advisor, and Principal, adding to the grandeur of the occasion.



Celebrating a New Era of Excellence – Ushering in the Autonomous MBA & MCA batches



The prestigious inauguration of the First Batch of Autonomous MBA & MCA Programmes (2024-2025) was held on December 9, 2024, at APJ Abdul Kalam Auditorium. Honored by Dr. R Ravi Kumar Ph.D. (Former Professor, IIM Bangalore) as the Chief Guest and Mr. Vyasraj Ramarao Kulkarni (Senior Director, Oracle Bangalore) as the Guest of Honour, the event marked a milestone in academic excellence. The ceremony was presided over by Dr. H V Parswanath, Prof. Karisiddappa, and Sri. Ramachandra. G, with the gracious presence of Chief Patrons, Sri. M. R. Janakiram and Sri. M. R. Kodandaram. Principal Dr. H. Pushpa played a key role in the successful execution of this landmark event.

Global Opportunities Unlocked: MSRCASC & ISDC Bring ACCA program to B.Com Students

Ramaiah College of Arts, Science and Commerce (Autonomous), Bengaluru, has partnered with ISDC to offer the globally recognized ACCA qualification to B.Com students. This collaboration aims to deliver quality education and skill development programs, equipping students with future-ready career skills in accounting and finance.

The MoU was signed by Dr. Pushpa H, Principal, RCASC, and Mr. Rajesh Poonia, National Head – Partnerships, ISDC, in the presence of Dr. Anandappa (Registrar), Roopa (HOD Commerce), Mr. Calvin (Regional Head, ISDC), Mr. Sathya Raj (Business Development Manager, ISDC),

Mr. Hanumantha Reddy (Manager Accounts), and Mr. Rajinikanth (Office Superintendent).

This student-centric initiative underscores Ramaiah College's commitment to excellence in education and global career readiness.



Charting the Path Forward: Academic Council & Board of Studies Unite for 2nd Semester Enhancements

The Academic Council meeting was held on December 19th, 2024, marking a significant occasion for the institution. During this meeting, the Board of Studies for the 2nd semester autonomous batches convened to discuss and review academic progress, curriculum updates, and key developments. The discussions focused on enhancing the learning experience for students and ensuring the alignment of academic programs with industry standards. The meeting provided valuable insights into improving course structure and fostering an environment of academic excellence.



IGNOU-Learner Support Centre Inauguration: A Step Towards Educational Excellence

The inauguration of the Indira Gandhi National Open University (IGNOU) Learners Support Centre-13181 at M S Ramaiah College of Arts, Science, and Commerce (Autonomous) took place on December 23, 2024, at 11:00 AM in the Mother Teresa Seminar Hall. The event was graced by Dr. S. Radha, Sr.

Regional/Additional Director, IGNOU Regional Centre, Bangalore, as the Chief Guest. It was presided over by esteemed dignitaries, including Sri. M. R. Janakiram and Sri. M. R. Kodandaram, Hon'ble Directors of Gokula Education Foundation, alongside Dr. H V Parswanath, Prof. Karisiddappa, Sri. Ramachandra G., and Dr. A H Rajasab. The coordinators, Dr. M. Lakshmipathi Naidu and Dr. Prasanna Srinivas R., along with Principal Dr. H. Pushpa, Vice Principal Prof. B.S. Jayaram played pivotal role in ensuring the successful launch of this learner-centric initiative, which aims to enhance educational accessibility and excellence.



Remarkable milestone: Official Release of Manuscript Titled Finance, Accounts and Investments



Mr. Shankar Guddad and Mrs. Sindhu K have authored a remarkable manuscript titled Finance, Accounts, and Investments, under the visionary leadership of our esteemed Director, Sri M.R. Kodandaram which was released on 25/11/2024. This scholarly work reflects their dedication and expertise, making it a valuable contribution to the field of finance and investments. The manuscript has gained recognition and is now available in both national and international markets, showcasing the intellectual excellence fostered within our institution.

MSRCASC Hosts TEMA18 Pre-Conference Workshop: Igniting Global Insights on Trace Elements in Health

As a precursor to the main International Conference on Trace Elements in Man and Animals (TEMA), the Department of Sciences at MSRCASC-A hosted a Pre-Conference Workshop on November 6th, 2024, at Abdul Kalam Auditorium, MSRCASC (Autonomous). This workshop aimed to provide students and research scholars with an in-depth understanding of the critical roles trace elements play in human and animal health. It served as a valuable introduction, setting the stage for the global exchange of knowledge and insights during the main TEMA18 conference.



Workshop on Entrepreneurship Development: Unlocking the Secrets of Food Processing and Preservation

The Department of Microbiology and Sukshmanika Club, in collaboration with the Research & Development Cell at MSRCASC, Bengaluru, successfully organized a workshop on “Entrepreneurship Development on Principles of Food Processing and Preservation” on October 16th, 2024. The workshop aimed to empower participants with the skills to create value-added



food products while exploring the essential principles of food preservation.

Conducted by Dr. Mohan Kumar S, Assistant Professor of Food Science and Technology of St. Joseph's University, Bengaluru, the session offered valuable insights into the technical aspects of food processing and highlighted entrepreneurial opportunities in the food industry.

Stepping Stones to Professional Success

On 13th November 2024, the Department of Commerce hosted an enriching seminar titled "A Journey towards the Professional World". Tailored for V and III Semester B.Com students, the event focused on bridging the divide between academic knowledge and professional demands. Participants gained insightful guidance on accounting tools and professional courses, equipping them for future career opportunities.



Igniting Entrepreneurial Sparks: Insights on Lean Startups

The Department of Humanities, in collaboration with the Institution's Innovation Council (IIC), organized an engaging guest lecture on "Lean Startup and Minimum Viable Product/Business" on 28th August 2024. Mrs. Prakash Nimbalkar, a seasoned startup co-founder and mentor, led the session at Kuvempu Hall, M S Ramaiah College of Arts, Science, and Commerce. Open to both UG and PG students across all streams, the lecture witnessed enthusiastic participation. Students and faculty alike gained profound insights into launching and managing startups effectively, making it a truly inspiring and informative event.



Unraveling the Miracle of Life: From Egg to Baby

On October 30, 2024, the Department of Biotechnology and Genetics hosted an engaging guest lecture titled "Journey from an Egg to a Baby" for undergraduate students, aimed at enhancing their knowledge of human development. The session was delivered by Ms. Smruti Bhat, an alumna from the B.Sc. Genetics 2022 batch and an embryologist at Milan Hospital. The lecture delved into the captivating process of embryonic development, from fertilization to the creation of a fully formed baby, highlighting stages such as fertilization, implantation, and fetal growth. The session ended with a lively Q&A where students inquired about genetic regulation in embryonic development and ethical concerns in prenatal diagnosis. Ms. Bhat provided insightful answers, sparking critical thinking and further exploration of the topic.

Overall, the lecture offered a comprehensive view of human embryonic development, connecting theoretical learning with practical insights, leaving students with a profound appreciation for the intricacies of life's beginnings.

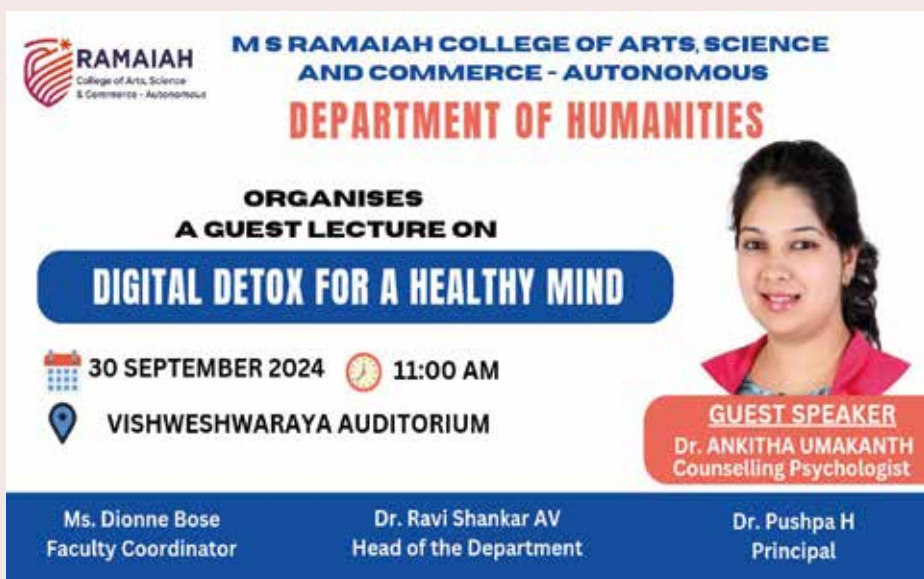


Mental Health Awareness Celebration: A Creative Expression of Well-Being

The two-day event organized by the Department of Humanities (Psychology) on 14th, 15th, and 16th October 2024 successfully raised awareness about mental health through activities like poster making, poetry writing, and interactive games. Students from various departments enthusiastically participated, fostering creativity and teamwork. The closing ceremony highlighted the importance of mental well-being and encouraged future initiatives. Overall, the event left a lasting impact on students, promoting a deeper understanding of mental health.



Unplug to Recharge: Digital Detox for a Healthier Mind



RAMAIAH
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**M S RAMAIAH COLLEGE OF ARTS, SCIENCE
AND COMMERCE - AUTONOMOUS**

DEPARTMENT OF HUMANITIES

**ORGANISES
A GUEST LECTURE ON**

DIGITAL DETOX FOR A HEALTHY MIND

30 SEPTEMBER 2024 11:00 AM

VISHWESHWARAYA AUDITORIUM

GUEST SPEAKER
Dr. ANKITHA UMAKANTH
Counselling Psychologist

Ms. Dionne Bose
Faculty Coordinator

Dr. Ravi Shankar AV
Head of the Department

Dr. Pushpa H
Principal

The Department of Humanities organised a Guest Lecture on "Digital Detox for a Healthy Mind" in association with Dr. Ankitha Umakanth Founder- Mind Auraa who is a Psychologist and Trainer. The guest lecture was open to all the UG students. It was an enlightening experience as the resource person Dr. Ankitha Umakanth, touched on various aspects of our dependence on technology and what happens when we feel like we can't live without it. She shed light on the ill effects of technology. She told us about how too much usage of digital devices causes health problems like lack of



sleep which could lead to Insomnia.

The resource person told us about Dopamine Disaster, which happens when we experience a surge of Dopamine when we check social media or engage in online shopping. This sucks us into a vicious cycle of wanting a Dopamine surge through technology. She told us how we could limit our use of digital devices. Dr. Ankitha made us be

part of an interesting “paper tearing exercise”, which showed us that we are all unique in the way we do things. She asked us what would we want if



we were marooned on an island to which the students gave interesting answers. She told us how we can achieve our goals and dreams through S.M.A.R.T.: Specific. Measurable. Attainable. Relevant. Timely. The guest lecture was an informative and insightful experience. The students greatly benefitted from it.

Career Guidance program for Undergraduate students



The Department organized “Career opportunities in Chemistry and Biochemistry for undergraduate students” a Career Guidance program by Dr. Basavarajaiah S. M, Assistant Professor and coordinator, Dept. of Chemistry (PG), Vijaya college, RV Road, Bengaluru on 13/9/2024 at Kuvempu seminar hall, coordinated by Mrs Malini.

Weaving Knowledge: Exploring Mysore Silk Craftsmanship

On 20th November 2024, the Department of Commerce organized an insightful industrial visit to the Karnataka Silk Industries Corporation (KSIC) in Mysuru. The visit aimed to provide students with a firsthand experience of the intricate process behind crafting the iconic Mysore silk sarees, blending tradition with industry knowledge.

Bridging Theory and Care: A Journey into Aging and Alzheimer's



The Department of Humanities (Psychology) has planned a one-day field visit to the Nightingale's Center for Aging and Alzheimer's on 14th November 2024. Organized for 5th semester BA students, this visit aims to offer practical insights into geriatric and Alzheimer's care, complementing the theoretical knowledge acquired in class.

Sowing the Seeds of Sustainability: Exploring Organic Farming Practices

On 16th November 2024, the V Semester Biotechnology students of M S Ramaiah College of Arts, Science, and Commerce embarked on an educational visit to the Gandhian School of Natural

Farming in Dodda Hosuru, Tumakuru, as part of an Extension Activity. This initiative aimed to provide hands-on exposure to organic farming, deepen their understanding of sustainable agricultural practices, and promote environmental conservation.



Dr. Manjunath, an expert in organic farming, introduced students to its principles, highlighting the importance of avoiding synthetic fertilizers and pesticides. Engaging discussions covered the benefits of organic food for human health and the environment. During the farm tour, students explored various organically grown crops, including fruits and herbs, and learned techniques such as crop rotation, companion planting, natural pest control, and composting to enrich soil health.

The visit also shed light on sustainable water management, soil conservation, and the philosophy of non-violence as applied to organic farming. This enriching experience not only enhanced students' knowledge but also fostered a deep appreciation for sustainable agriculture and environmental stewardship.

Experiential Learning in Action: PG Students' Goa Industrial Visit

The Department of Biotechnology and Microbiology organized an industrial visit for postgraduate students from December 9 to 13, 2024. A group of 78 M.Sc. students embarked on this educational journey to Goa, gaining practical exposure that complemented their theoretical studies. The visit offered valuable learning opportunities through interactions with experts from ICAR Krishi Vigyan Kendra, the dairy industry, and oceanography, broadening their academic perspectives and career prospects. Skillfully organized by faculty members Dr. Sowbhagya A, Dr. Muktha H, Dr. R. Arvindganth, and Dr. Tejaswini H.K., this trip played a significant role in the students' academic development, underscoring the importance of hands-on experiences in education.



Revolutionizing Education: Exploring Innovation with Design Thinking

On 28th October 2024, the Department of Microbiology, in collaboration with the Internal Quality Assurance Cell (IQAC), organized a transformative Faculty Development Program (FDP) aimed at fostering design thinking, enhancing ideation skills, and promoting an innovative approach to education. Held from 2:00 PM to 4:30 PM at Abdul Kalam Auditorium, MSRCASC, the program was attended by 120 faculty members from MSRCASC.



Industry Visit



The M.Com students of 1st and 3rd semesters from M.S. Ramaiah College of Arts, Science, and Commerce visited the Indian Institute of Science, Bangalore, on 10th December 2024. The visit offered 35 students hands-on exposure to drone-making and testing, providing valuable practical insights.

Design thinking for educators - A path breaking framework for engaging learners.

The FDP focused on equipping educators with practical tools and methodologies to integrate design thinking into their teaching practices. By inspiring faculty members to ideate effectively and embrace innovative strategies, the event aimed to elevate the teaching and learning experience. Real-world case studies from Unbox provided participants with concrete examples of innovation in practice.

The program proved to be a pivotal moment in fostering a culture of innovation and adaptability within the institution. The collaboration between the Department of Microbiology and IQAC ensured its success, making it a memorable and impactful experience for all involved.



Fighting Biopiracy: An FDP on Intellectual Property Rights



On November 19, 2024, the Department of Biotechnology & Genetics organized an in-house Faculty Development Program (FDP) on 'Intellectual Property Rights' at APJ Abdul Kalam Auditorium, aimed at faculty members of MS Ramaiah College of Arts, Science & Commerce. The program was held in collaboration with the Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy, IQAC, and DBT Star Scheme. The distinguished guest speaker, Ms. Bhargavi, a researcher and trustee at Environment Support Group, India, delivered an insightful lecture on the importance of IPR in protecting innovations and ensuring rightful credit. She introduced the fundamentals of IPR and highlighted the issue of biopiracy—the unauthorized exploitation of biological resources and traditional knowledge.

She cited examples of India's struggles with biopiracy, such as the cases involving neem, basmati rice, and turmeric. Additionally, she addressed concerns related to genetically modified crops like Bt cotton and Bt brinjal, focusing on ethical, biodiversity, and patenting issues. Ms. Bhargavi called for stronger laws, ethical practices, and sustainable development to safeguard India's biodiversity and respect indigenous knowledge, stressing the global need to protect cultural and natural heritage.



Smart Nutrition: Kickstarting Healthy Habits from the Start



The Rasayanika Club organized "Nutrition Week-Feeding Smart Right from Start" for first-semester BSc students from 2nd to 6th September 2024. The event was held on the 5th floor of the department block and was coordinated by Ramya Kumari B S.



Unleash Your Inner Poet: The Cascade of Creativity Awaits

The "Cascade of Creativity – Poetry Writing Competition" is an exciting event hosted by the Department of English at MSRCASC. Taking place on the 15th of October, 2024, this competition invites participants to showcase their poetic talents and creativity. Whether you are an experienced poet or a budding writer, the event provides a platform to express your imagination and emotions through the power of words. Set in the vibrant atmosphere of MSRCASC, this competition promises to be a celebration of the beauty and diversity of poetry. Join us for a day of inspiration, creativity, and literary exploration!



Biofest 2024: Unleashing Creativity and Environmental Awareness



On October 15, 2024, the Department of Biotechnology and Genetics hosted Biofest 2024, a vibrant club activity under the banner of "BioTitans." The event aimed to inspire creativity, foster scientific curiosity, raise awareness about environmental issues and waste management, and promote teamwork among life science students. The event saw an enthusiastic response from

students across all three years of the B.Sc. Life Science program (Biotechnology, Genetics, Microbiology, Chemistry, and Biochemistry), with 51 teams registering for the Bio-waste Art and Treasure Hunt events. Participants showcased their creativity by transforming everyday organic waste, like vegetable peels and coconut shells, into remarkable works of art. The Treasure Hunt tested participants' teamwork and knowledge, adding a thrilling element to the day. The activities encouraged environmental consciousness, sparked scientific curiosity, and brought out the best in student collaboration. The event was coordinated by Dr. Vinutha M, Dr. Geetika Pant, and Dr. Pavithra H G from the Department of Biotechnology and Genetics. The events took place in the Biotechnology and Genetics labs from 9:30 AM to 4:30 PM.



Campus Blood Donation Drive Makes a Life-Saving Impact

MS Ramaiah College of Arts, Science, and Commerce – Autonomous, in collaboration with NSS, YRC, Kempegowda Blood Bank, Yeshwanthpur Bengaluru Kempegowda Medical Services Trust, Millennium Blood Bank, and Lions Blood Centre, Wilson Garden, organized a blood donation camp on the college campus. The event commenced with an invocation song by an NSS volunteer, followed by an address from the Principal, Dr. Pushpa H. Representatives from the partner organizations spoke about the importance of blood donation, highlighting how these camps help collect blood from healthy donors to support individuals in need. The camp successfully collected 134 units of blood, and attendees were educated on the significance and benefits of blood donation.



Sharing Smiles: Women's Cell Donation Drive Brings Hope to Underprivileged Children

The Women's Cell of MS Ramaiah College organized a successful donation drive from 25th November to 3rd December 2024, aimed at supporting underprivileged children. The drive collected clothes, books, stationery, non-perishable food, and monetary donations, which were distributed to Saraswathi Orphanage. The initiative involved over 20 volunteers who managed awareness campaigns, collection points, sorting, and packaging. The drive received an overwhelming response, gathering 20 sets of clothes, 100 books, over 200 stationery items, 25 kg of rice, 5 liters of oil, 200 snack packs, and Rs. 6000 in donations. The event was widely appreciated, making a positive impact on the community.



Turning Paper into Power: Eco-Friendly Newspaper Bags



On 4th November 2024, the Department organized an outreach activity titled “Bag it Green—Newspaper Bags” at the Abdul Kalam Auditorium. The event was coordinated by Mrs. Ramya Kumari and Ms. Tanisha Rathore, focusing on sustainable practices through the creation of eco-friendly newspaper bags.

VALUE ADDED PROGRAMMES

Data Science: Empowering First-Semester Students with Python Skills



The Department of EMCs at MSRCASC organized a Value-Added Course on "Data Science" from 14th to 18th October 2024, aimed at preparing first-semester students to develop mini projects and working models using Python programming.

Enhancing Food Safety: A Value-Added Programme on Quality Control and Auditing

From 16th to 18th October 2024, the Department of Microbiology, under the DBT-Star College Scheme, conducted a Value-Added Programme on "Microbiological Quality Control of Food, HACCP, and Food Auditing." This initiative aimed to equip participants with vital skills in biosafety, microbial analysis, food safety standards, food auditing, and the detection of adulterants—key components for upholding quality and safety in the food industry.

The program featured insightful sessions led by both external and in-house experts. Mr. Arvind from Dextrose Technologies Pvt. Ltd., Bangalore, provided valuable insights on food auditing, HACCP, and quality standards. Complementing this, in-house faculty members, including Dr. Vidya J, Dr. Prashanthi R, Dr. Juliya Rani Francis, Dr. Swathi D, Dr.

Arvindhganth R, and Dr. Vishal M, delivered comprehensive modules on biosafety, microbial analysis, and detection techniques.



Unlocking Proteomics: A Hands-On Journey into Bacterial Protein Analysis

The Department of Microbiology at MSCASC conducted a three-day Value-Added Programme on "Analytical Techniques in Bacterial Proteomics" from 16th to 19th October 2024. The programme provided hands-on training in SDS PAGE, Western Blotting, protein sequence databases, and bioinformatics tools for analyzing protein tertiary structures. Faculty members Dr. Vemula Vani, Mrs. Soumya Shanbhag, Dr. Nimitha Venugopal G, Dr. Swetha P, and Dr. Tejaswini HK led the sessions.



Revolutionizing Education: Exploring Innovation with Design Thinking



From 4th to 9th November 2024, the 1st-semester M.Com students at M.S. Ramaiah College of Arts, Science, and Commerce participated in a value-added program on Tally Prime. The program aimed to enhance students' practical knowledge of financial management and accounting software. It covered essential features like inventory management, GST compliance, and financial reporting, providing hands-on experience in using Tally Prime effectively. This initiative equipped students with industry-relevant skills, boosting their employability and confidence in managing real-world financial operations.



Unlocking Data Insights: Power BI Training for M.Com 3rd Semester Students



From 21st to 27th November 2024, a specialized training program on Power BI was conducted for 28 3rd-semester M.Com students at M.S. Ramaiah College of Arts, Science, and Commerce. The program focused on developing skills in data visualization and business analytics. Students received hands-on experience in creating interactive dashboards, analyzing data trends, and generating actionable insights. This initiative aimed to enhance their proficiency in using modern analytics tools, preparing them for data-driven decision-making in professional environments.

Mastering Digital Strategies: MBA 4th Semester's In-Depth Training on Digital Marketing



From 4th to 9th November 2024, the 4th-semester MBA students at M.S. Ramaiah College of Arts, Science, and Commerce participated in a value-added program on Digital Marketing. The program provided in-depth training on key aspects of digital marketing, including SEO, social media marketing, email marketing, and online advertising. Through hands-on sessions, students gained practical experience in using digital marketing tools and strategies, aligning their skills with industry demands. This initiative aimed to enhance their expertise and prepare them for dynamic roles in the rapidly evolving digital marketing field.

Enhancing Business Acumen: MBA 4th Semester's SAP FICO Training at M.S. Ramaiah College



From 4th to 9th November 2024, the 4th-semester MBA students at M.S. Ramaiah College of Arts, Science, and Commerce participated in a value-added program on SAP FICO. The program provided in-depth training on financial accounting and controlling modules, covering areas such as financial reporting, asset management, and cost control. Through hands-on sessions, students gained practical experience in using SAP for enterprise resource planning, aligning their skills with industry requirements. This initiative aimed to enhance their proficiency and prepare them for dynamic roles in the finance and accounting sectors.

Strengthening Financial Expertise: MBA 4th Semester's Tally Prime Training at M.S. Ramaiah College



From 4th to 9th November 2024, the 4th-semester MBA students at M.S. Ramaiah College of Arts, Science, and Commerce attended a value-added program on Tally Prime. This program focused on developing practical skills in financial management and accounting software. Key topics included inventory management, GST compliance, and financial reporting, offering students hands-on training to master Tally Prime's features. The initiative aimed to enhance their industry readiness, equipping them with essential tools to excel in managing financial operations confidently and effectively.

Data-Driven Decision Making: Power BI Training for MBA 2nd Semester Students at M.S. Ramaiah College

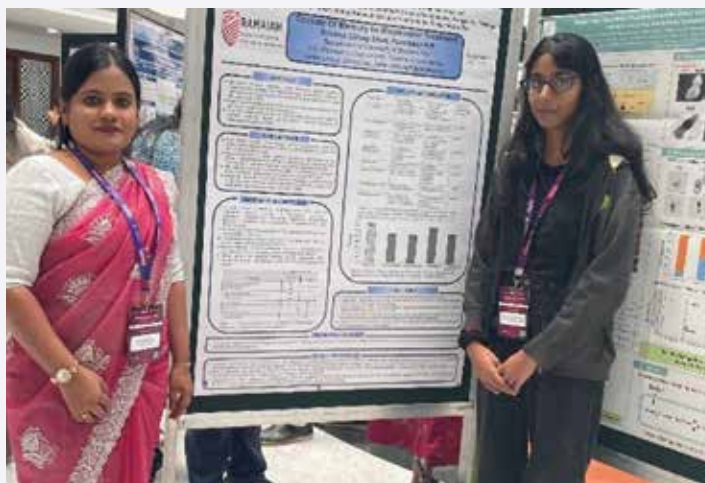


From 21st to 27th November 2024, a specialized training program on Power BI was conducted for 60 2nd-semester MBA students at M.S. Ramaiah College of Arts, Science, and Commerce. The program aimed to develop students' skills in data visualization and business analytics. Through hands-on sessions, students learned to create interactive dashboards, analyze data trends, and derive actionable insights. This initiative was designed to enhance their expertise in using advanced analytics tools, equipping them to make data-driven decisions in professional settings.

Mastering the Web: Frontend Development Boot camp for BCA Fresher



The Computer Science Department organized a Value-Added Program on "Frontend Development" for first- semester BCA students from 23rd August 2024 to 12th November 2024. The program aimed to enhance students' skills in key frontend technologies, providing hands-on experience with tools like HTML, CSS, JavaScript, and responsive web design. This comprehensive training equipped participants with the practical knowledge needed to design dynamic and visually appealing websites, preparing them for modern web development challenges.



Krishna Chirag Shah from M.Sc., Organic Chemistry, 1st Semester, worked under the supervision of Dr. Panchami H R won the trainee poster award in the main International Conference TEMA-18 held between 8th - 12th November 2024.



Bhoomika G. K., Mythri P., Rachana A., and Soumya A. from M.Sc Organic Chemistry, 1st Semester, worked under the supervision of Dr. Bharath K. Devendra won 3rd prize in Pre-Conference TEMA-18 Poster Presentation held on 6/11/2024.

Dr. Bharath K. Devendra received an Indian Patent, for an invention entitled "Cyclohexanone Derivative And A Method Therof". Patent No., 554704. Date of filling 10.08.2020. Date of grant: 21.11.2024.



Surya Srikar K of BSc worked under the guidance of Ms. Amreen Khanum and won the best poster presentation award in the "International Conference on Frontiers on Physical and Chemical Sciences 2024, emerging new horizons" organized by Acharya Institute of Graduate Studies, Bangalore held on 13th and 14th of November 2024.



Krishna Chirag Shah and Siddhi Shridhar Pardeshi, first year students of M.Sc Organic Chemistry participated in the Science Fair 2024 held at REVA University, Bengaluru, and have secured the 2nd prize on the topic, "Science for a Sustainable Future."



Ritik Prasad from the 3rd semester of BSC EMCS secured Runner-up positions in the debate, PPT presentation, and pick-and-speak events at the competition on customer churn prediction. His outstanding performance across multiple segments earned him recognition.



The Cyber Security and Data Privacy event focused on combating drug trafficking through the Argus (Vigilant Guardian) initiative, where innovative solutions were presented by Varsha V, Cyril Warren Nicholes, Manjunath U, and Manogna S Rao. The Runner-up teams were awarded a cash prize of ₹5,000 for their exceptional contributions in enhancing security and addressing this critical issue.

A team from MS Ramaiah College won HackSphere 2024, organized by New Horizon Degree College, Kasturi Nagar. Competing under the theme "FinTech," they presented Wealth City, a gamified tool for financial literacy and planning for teens. Led by Pranavi (5th semester), the team included Sai Keerthana, Pavan Kumar V, and M. Rohini. Their innovative project earned them the winners' title and a cash prize of ₹10,000.

Arya Jain Wins Best Student Speaker at ICAI Debate Competition 2024



Ms. Arya Jain, a third-semester B.Com student, participated in the Debate Competition held at the ICAI on November 16, 2024. The competition, which was exclusively for CA and Non-CA aspirants, saw her delivering an outstanding performance, earning her the prestigious Best Student Speaker award. This achievement

highlights her eloquence and debating skills on a competitive platform.



Apoorva Bahubali Topagi, a 5th-semester Humanities student at MS Ramaiah College, won 2nd prize in the State-Level Debate Competition. The event was organized by the Legal and Information Cell of the Karnataka Pradesh Congress Committee on Constitutional Day.

Vistara Triumphs at Crescendo: A Celebration of Talent and Sindhi Culture!"



Team Vistara from Ramaiah College of Arts, Science, and Commerce had the honor of participating in the prestigious Sindhi Fest, Crescendo, and proudly secured second place. It was an incredible experience for the team to showcase their talents while celebrating the vibrant Sindhi culture.



FACULTY ACHIEVEMENTS

Bridging Traditional Teaching with Digital Excellence: Mr. Shankar Guddad's Pioneering Publication



Mr. Shankar Guddad, Assistant Professor at MS Ramaiah College, won the Young Researcher Award in 2024. His paper, "From Chalks to Clicks: Enhancing Educator Skills Through Digital Competence," was published in the Journal of Digital Economy, highlighting his contributions to educational research.

Celebrating Excellence: MSRCASC Leads the Way in Research and Recognition!



Prof. Savitha received the prestigious Prof. Geetha Sumbali Award for Woman Scientist (Lifetime Achievement) for her contributions to mycology. MSc Microbiology students, Miss Maithri and Miss Sumalatha, were honored with the Prof. K.R. Aneja and Dr. Mrs. Sushma Aneja Young Researcher Award for their research. Faculty and students also delivered impactful oral and poster presentations, highlighting MSRCASC's dedication to research excellence. The conference explored innovative studies on fungal biodiversity, bioengineering, and sustainability, further strengthening the institution's academic reputation.

Raising the Bar: MSRCASC Students and Faculty Excel at National Conferences!



Dr. R. Prashanthi and her students Yazhini S and J. Shiny Roberta won a prize in the poster presentation category at the National Conference on Current Trends in Biological and Health Sciences at Reva University, Bengaluru, on December 11–12, 2024. Additionally, Dr. Prashanthi, along with students Gita Anjali B. and B. Janani, participated in the VIBHAVAT 2024 conference at RJS First Grade College, Bengaluru, on November 28, 2024, showcasing their commitment to academic excellence.



Cadets on the Move: NCC Events That Inspire

Prepared, Alert, and Ready: Cadets Lead the Way in Disaster Management!



On October 1, 2024 (Tuesday), the NCC unit of Ramaiah College of Arts, Science & Commerce organized a "Disaster Management" event, which was conducted by the NDRF team. The event witnessed the participation of 100 members, including cadets from the NCC Army Wing, Air Wing, and NSS students. Inspector Ram Bhuj addressed the gathering, providing valuable insights on the causes of disasters, methods of prevention, and immediate actions to be taken during emergencies. The cadets actively engaged in the session, enhancing their knowledge and preparedness for disaster management. This interactive and informative event proved to be a significant learning experience for all attendees.

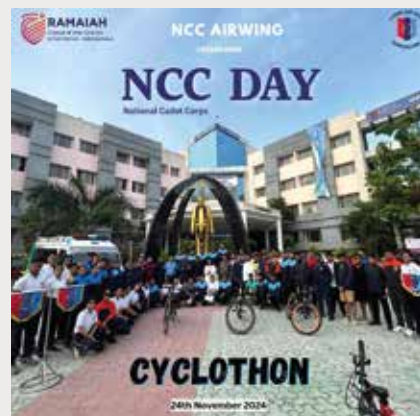


On November 5, 2024, the NCC Air Wing of Ramaiah College of Arts, Science & Commerce, in collaboration with the Lions Club and Kempegowda Blood Bank, organized a Blood Donation Camp from 9:30 AM to 3:30 PM. The event saw enthusiastic participation from students and cadets, including first-year Air Wing cadets, highlighting the spirit of social responsibility. Supervised by professionals from the Lions Blood Centre, the drive ensured donor safety and comfort. Refreshments were provided to donors and participants, creating a welcoming atmosphere. With approximately 135 units of blood collected, the event was a resounding success in promoting community welfare and social service.

Donate Blood, Save Lives: NCC Air Wing Takes the Lead!



Pedal Power: NCC Day Cyclothon Unites for Fitness and Fun!





On November 24, 2024, the 1 KAR AIR SQN NCC and MSRCASC College organized a Cyclothon to mark the 76th NCC Day. The event began at 7:00 AM with registration, followed by motivational speeches from Principal Dr. Pushpa and Wing Commander P.R. Ponnappa. The 8 km expedition, flagged off at 7:21 AM, saw participation from officers, students, cadets, and civilians. The route spanned from Gate No. 10 to Sankey Tank Park and back. Upon return, participants enjoyed breakfast, received water bottles, and were awarded participation certificates. The event fostered physical fitness, camaraderie, and a spirit of adventure.

NCC Day 2024: A Salute to Discipline, Leadership, and Service!



On November 25, 2024, the NCC Unit of Ramaiah College of Arts, Science, and Commerce celebrated National NCC Day, honoring the values of discipline, leadership, and service. Wing Commander P.R. Ponnappa, Commanding Officer of 1 KAR Air Sqn NCC, was the guest of honor, with notable personalities including Smt. Yamuna Srinidhi (actress & classical dancer) and Dr. H.V. Parswanath, Chief Executive of GEF, in attendance. The event featured an inspiring patriotic dance performance by Smt. Yamuna Srinidhi, motivating both cadets and the audience.



MSRCASC-A Badminton Team Shines Bright!



The college badminton team has once again showcased their extraordinary talent and teamwork, earning accolades at the highest levels of competition. Their remarkable achievements include securing Gold Medals, which stand as a testament to their rigorous training, dedication, and sportsmanship.

Special recognition goes to Karthik Kumar (1st Year B.Com), whose exceptional performance has earned him selection for the All India Inter-University (AIU) South Zone Badminton Championship. His hard work, skill, and determination have brought pride to the college.

The team comprises:

- Prajwal Gowda L.C. (3rd Year B.Com)
- Kishan Raj (3rd Year BBA)
- Prajwal A. (3rd Year BBA)
- Karthik Kumar (1st Year B.Com)
- Rithsh V. (1st Year B.Com)

Congratulations to Karthik Kumar for this significant milestone, and best wishes to the entire team for their future tournaments!

Fencing Congratulations to Vaibhav Singh!

We are proud to announce that Vaibhav Singh, a 1st-year BCA student, has achieved an incredible milestone by winning a Silver Medal at the BCU Inter-Collegiate Fencing Championship 2024-25,



held at Sivananda Sarma Indoor Stadium, Bengaluru.

Vaibhav's exceptional performance and dedication have earned him selection to participate in the All India Inter-University (AIU) Fencing Championship. This remarkable achievement highlights his hard work, passion, and unwavering commitment to excellence.

Best wishes from the Principal, Management, Staff, and Students as Vaibhav represents our college at the national level. We are confident that he will continue to make us proud!

Taekwondo Team The Taekwondo team has showcased exceptional talent and resilience, continuing its winning streak with an impressive haul of medals at the recent championship.

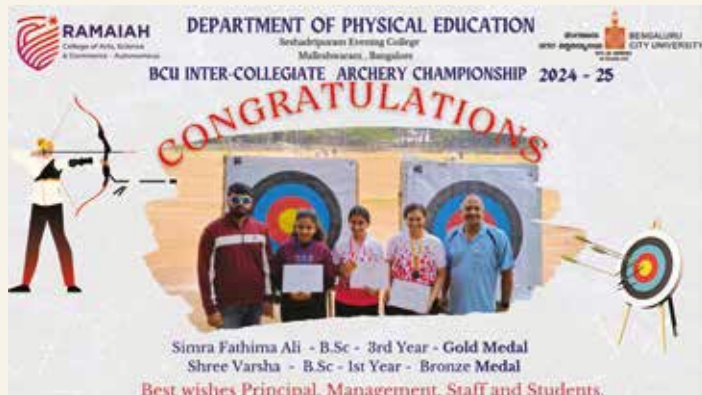


- Vishank Dhiraj Rao (3rd Year BCA) and Rahul Bist (1st Year B.Com) led the way with

- outstanding performances, earning Gold Medals and securing selection to participate in the All India Inter-University (AIIU) Taekwondo Championship.
- Priyanuj Sanowal (1st Year BA) added to the tally with a Silver Medal, demonstrating remarkable skill and determination.
- Jeevitha S. (1st Year B.Com) brought home a Bronze Medal, a testament to her hard work and perseverance.

These achievements underscore the dedication, discipline, and sportsmanship required to excel in this physically demanding sport. The college congratulates the entire team for their success and extends best wishes to Vishank Dhiraj Rao and Rahul Bist as they prepare to represent us at the national level in the AIIU Taekwondo Championship.

Archery BCU Inter-Collegiate Archery Championship 2024 - Stellar Performances



The BCU Inter-Collegiate Archery Championship 2024 saw exceptional performances from M S Ramaiah College students. Simra Fathima Ali, a 3rd Year B.Sc student, clinched a Gold Medal with her remarkable precision and focus, solidifying her status as a top archer. Shree Varsha (1st Year B.Sc) and Rithika (1st Year B.Sc) also showcased their talent by securing a Bronze Medal, highlighting their promising potential in the sport. Additionally, three of our archers have been selected to

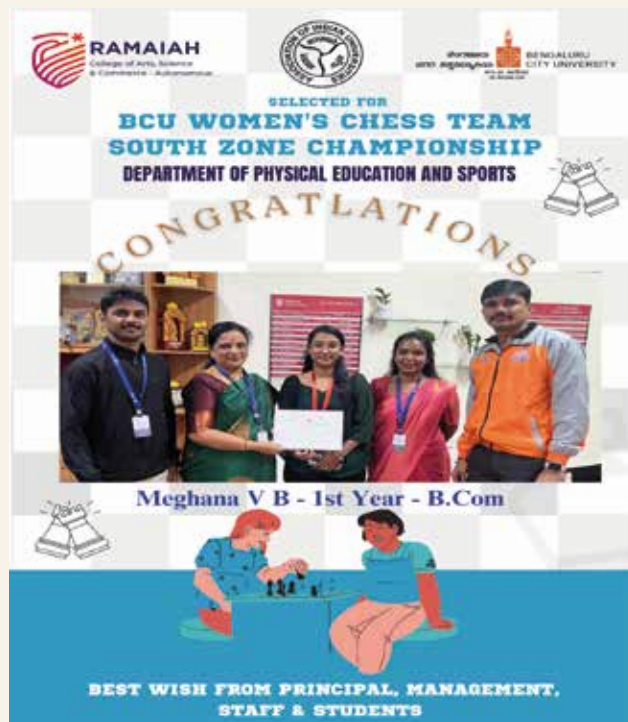
represent BCU at the AIIU Championship, further elevating the college's reputation in archery.

Selected Archers for AIIU:

1. Simra Fathima Ali (3rd Year B.Sc)
2. Shree Varsha (1st Year B.Sc)
3. Rithika (1st Year B.Sc)

The achievements of these athletes are a testament to their dedication and hard work, and we look forward to their continued success at the national level.

Chess Achievement Meghana V.B. Shines at BCU Inter-Collegiate Chess Tournament 2024



Meghana V.B., a 1st Year B.Com student, displayed exceptional strategic thinking and mental agility at the BCU Inter-Collegiate Chess Tournament 2024. Securing the 6th position, Meghana impressed with her skilful gameplay against top-tier competitors. Her outstanding performance has earned her a spot in the South Zone Championship, where she will represent M S Ramaiah College at the AIIU level.

Boxing

Sushanth Kumar Das Wins Gold in Boxing at BCU Inter-Collegiate Championship 2024



Sushanth Kumar Das, a 1st Year BCA student, triumphed in the BCU Inter-Collegiate Boxing Championship 2024, clinching the Gold Medal with a powerful display of strength, speed, and technical prowess. His outstanding performance not only secured him the top spot but also earned him a selection to represent M S Ramaiah College at the Allu Championship. His dedication and skill are truly commendable, and we look forward to his continued success.

Swimming

Purvaank Ramesh Dominates at BCU Inter-Collegiate Swimming Championship 2024



Purvaank Ramesh, a 3rd Year BBA student, continued his golden streak at the BCU

Inter-Collegiate Swimming Championship 2024, **winning a 2-Gold Medal, 5 Silver Medals, and a 2-Bronze Medal.** His remarkable consistency and versatility across multiple events highlight his dedication and exceptional swimming talent. In addition to his impressive achievements, Purvaank has been selected to represent M S Ramaiah College at the South Zone Inter-Collegiate University level, further cementing his position as one of the top swimmers in the region.

Athletic Achievements



In athletics, Devaraj (2nd Year B.Sc) won a Silver Medal, demonstrating strength and endurance, while Monika Reddy (3rd Year B.Sc) secured a Bronze Medal, reflecting her determination and skill on the track.

M S Ramaiah College of Arts, Science & Commerce (Autonomous) BCU Men's Cricket Team Selection - Final List of Selected Players



We are delighted to announce the final list of selected players for the **Bengaluru City University (BCU) Men's Cricket Team**. The selection trials were held on **19th and 20th December 2024** at the MSR Ground, where a total of **210 students** from **45 colleges** participated. The trials were conducted under the supervision of the esteemed **BCU Selection Committee**.

After a comprehensive evaluation of performance and skills, the following students from M S Ramaiah College of Arts, Science & Commerce have been successfully selected to represent BCU in the upcoming cricket season:

The college remains committed to providing students with the opportunity to showcase their talent and excel in various sporting arenas.

Ramaiah Premier League 2024 – A Thrilling Cricket Championship for Faculty

Date: 21st December 2024 Time: 11:00 AM
Venue: MSR Ground



The Ramaiah Premier League 2024, organized by the Department of Physical Education & Sports, brought together MSRASC-A faculty for an exciting cricket championship. The event aimed to foster camaraderie, teamwork, and sportsmanship among the faculty members, providing a platform for them to showcase their cricketing skills.

Matches & Highlights:

- **Match 1:** Ramaiah Stars vs. Ramaiah Challengers

Man of the Match: Dr. Akash (MBA Department)

- **Match 2:** Ramaiah Warriors vs. Ramaiah Challengers

Man of the Match: Mr. Muniraju (Admin Department)

- **Match 3:** Ramaiah Warriors vs. Ramaiah Stars

Man of the Match: Mr. Nandhi (Library Department)

- **Match 4:** Ramaiah Stars vs. Ramaiah Challengers

Man of the Match: Mr. Ravi S (Department of Physical Education & Sports)

Results:

- **Winner:** Ramaiah Stars
- **Runner-Up:** Ramaiah Challengers
- **Second Runner-Up:** Ramaiah Warriors

The league saw exceptional performances and true sportsmanship, with individual excellence acknowledged through the 'Man of the Match' awards.

Commerce Students Shine at Inter-Collegiate Badminton Tournament



Students from the Department of Commerce at MS Ramaiah College participated in the Inter-Collegiate Badminton Tournament at Jain Centre for Management Studies, Koramangala, in October 2024. Karthik Kumar, a first-year B.Com. student, won silver in men's singles, while he and Prajwal Gowda L C, a third-year B.Com. student, secured bronze in men's doubles.

Jeevitha S Clinches Bronze at BCU Taekwondo Women's Championship 2024!

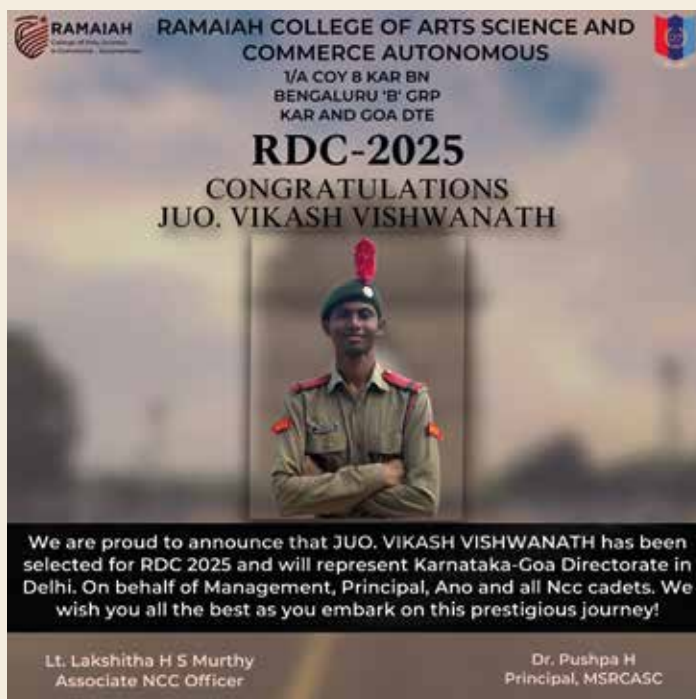


Jeevitha S, a first-semester B.Com student, represented Bengaluru City University in the BCU Inter-Collegiate Taekwondo Women's Championship 2024, held at the Seshadripuram Institute of Commerce and Management on October 22-24, and earned a bronze medal.

Greeshma B T Leads Karnataka to Runners-Up Finish at South Zone National Volleyball Championship 2024!



Greeshma B T, a second-year B.Com student, represented the Karnataka team in the 11th South Zone National Volleyball Championship 2024, held in Puducherry from October 9-11. Her team put up an impressive performance and finished as runners-up in the event, showcasing their skill and teamwork on a competitive stage.



Placements



Group Discussion Training for UG Final Year Students – 5th Nov, 2024



Training on Public Speaking Skills for UG Final Year Students 7th Nov, 2024



Session on Overcoming Stage Fear for UG Final Year Students 6th Nov, 2024



ACCENTURE CAMPUS RECRUITMENT DRIVE – 04.11.24



SARSUAG ENTERPRISES CAMPUS RECRUITMENT DRIVE – 30.08.24



**18th International Conference on Trace Elements in Man and Animal (TEMA-18)
Group Photo**



Graded "A"

in the 4th cycle by National Assessment and Accreditation Council (NAAC)



Ranked # 87

All India by National Institutional Ranking Framework (1st in Karnataka)

COLLABORATIONS / ACADEMIC PARTNERS



RECOGNITION / AFFILIATIONS



UNDERGRADUATE PROGRAMS

Bachelor of Arts (B.A)

- Journalism, Psychology, Optional English
- Optional English and Journalism, Political Science

Bachelor of Commerce (B.Com)

Bachelor of Computer Applications (BCA)

Bachelor of Business Administration (BBA)

Bachelor of Science (B.Sc.)

- Electronics, Mathematics, Computer Science
- Genetics, Microbiology, Biochemistry
- Biotechnology, Microbiology, Chemistry

POST GRADUATE PROGRAMS

Master of Science (M.Sc.)

- Biotechnology, Microbiology, Biochemistry
- Organic Chemistry

Master of Business Administration - MBA

Master of Commerce - M.Com

Master of Computer Application - MCA

Ph.D. in Biotechnology



M S Ramaiah College of Arts, Science and Commerce-Autonomous

Re-accredited 'A' by NAAC, Permanently Affiliated to Bengaluru City University, Approved by Government of Karnataka, Approved by AICTE, New Delhi, Recognized by UGC under 2f & 12B of UGC act 1956

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