



## MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA

A College with Potential for Excellence  
NAAC Accredited & ISO 21001:2018 Certified

### THE IQAC MEETING

Minutes of the IQAC meeting held on Tuesday, 13 June 2023 at 10.00 am. in the IQAC office.

#### Members

##### The Chairperson

1. Dr. Sr. Jasintha Quadras, Principal

*J. Quadras*

##### Assistant and Associate Professors

2. Ms. Usha Kumari, Degree Vice Principal
3. Dr. K. Naga Sundari, Director, MBA
4. Dr. S. Vanilatha, Head, Dept. of Chemistry &  
Dean, Academic Affairs
5. Dr. Sr. Japamalai, Head, Dept. of Zoology &  
Dean, Academic Affairs
6. Dr. G. Little Flower, Dean, Student Affairs
7. Dr. Manga Devi, Dean, Student Affairs

*U. Kumari*

*K. Sundari*

*S. Vanilatha*

*Sr. Japamalai*

*G. Little Flower*

*M. Manga Devi*

##### Member from the Management

8. Sr. Sleevea Thumma, Correspondent

*Sr. Sleevea Thumma*

##### Senior Administrative Officer

Ms. K.V.L. Prasuna, Office Superintendent

*K.V.L. Prasuna*

##### Management nominees from Employers / Industrialists / Stakeholders / Local Society / Alumni / Students

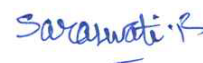
9. Mr. D. Anvesh, Vice President  
Efftronics Systems Pvt. Ltd., Vijayawada - Employer
10. Ms. V. Smita, Alumna  
Businesswoman & Entrepreneur - Industrialist

11. Mr. T. R. K. Singh, Corporate Trainer



Singh's Soft Skills - Stakeholder

12. Prof. Saraswathi Raju Iyer, Head, Department of Sociology &



Social Work & IQAC Coordinator

ANU, Guntur - Local Society

13. Ms. D. Aparna, Entrepreneur



Aparna Jute Industries, Vijayawada - Alumna

14. Ms. Blessy, III B.Sc. FMB - Student Representative



**The Coordinator**

15. Dr. C. Krishnaveni, Dept. of Mathematics



**Agenda:**

1. Annual Gender Sensitization Action Plan & Annual Awareness Programmes on Code of Conduct.
2. FDPs, PDPs, Conferences, Training programmes, and Workshops for teaching and administrative staff.
3. New pattern of question paper.
4. Infrastructure development.
5. Capacity Development Programmes and Collaborative Activities.
6. Training and awareness programmes for students.
7. MoUs.
8. Any other

**Resolutions:**

Resolved to

1. Complete and post on the college website the 'Annual Gender Sensitization Action Plan' and 'Annual Awareness Programmes on Code of Conduct' for the academic year 2023- 24 prepared by the IQAC.
2. Prepare and finalize the schedule for the FDPs, PDPs, training programmes, conferences, workshops, seminars and awareness programmes to be organized by the IQAC for the faculty, staff and students.

Direct the HoDs and Coordinators of various Cells and Committees to prepare a list of activities and events to be conducted and submit it to the Vice-principal by 19 June, 2023.

3. Introduce a new pattern of the question paper for internal (CIA test) and external (SEE) assessment.

Include in the CIA and SEE question papers, questions at RBT levels 1, 2, and 3 for I year students and questions at RBT levels 1, 2, 3, and 4 for II and III year students.

Assign Dr. C. Krishnaveni, IQAC Coordinator, the responsibility of preparing the guidelines and formats for the question paper and blueprint of the question paper as per the RBT.

4. Construct a conference hall on the second floor and a laboratory on the first floor of the RUSA building for the agriculture students.

Install a 'Lift' in the main-block, build a multi-purpose 'Activities Corner' near the college canteen and set up a 'Media Centre' for e-content generation on the third floor of the BMP block.


Modernize the existing computer labs as well as the other science and language labs.

5. Offer 'Basic Communication Skills Course' and a course, 'Advanced Communication Skills Course' for English proficiency w.e.f. the academic year 2023-24.

Introduce a 'Power Skills Programme' for III year UG students to equip them with practical skills essential to possess industry-relevant knowledge alongside their academic knowledge for their professional journey and post- graduation studies with the financial support of CareToAction, a distinguished NGO.

6. Direct the Deans of student affairs to prepare a list of training and awareness programmes to be conducted for students and submit it to the Vice-principal by 19 June, 2023.
7. Sign an MoU with Go-Green Technologies for research development, staff and student training, sharing expertise and hands-on experience.

As no other matter was raised, the meeting ended with a vote of thanks to the Chair.

  
PRINCIPAL  
MARIS STELLA COLLEGE  
VIJAYAWADA-520 008



## MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA

A College with Potential for Excellence  
NAAC Accredited & ISO 21001:2018 Certified

### THE IQAC MEETING

Minutes of the IQAC meeting held on Monday, 04 September 2023 at 03.00 pm. in the IQAC office.

#### The Chairperson

1. Dr. Sr. Jasintha Quadras, Principal

*J. Quadras*

#### Assistant and Associate Professors

2. Ms. Usha Kumari, Degree Vice Principal
3. Dr. K. Naga Sundari, Director, MBA
4. Dr. S. Vanilatha, Head, Dept. of Chemistry &  
Dean, Academic Affairs
5. Dr. Sr. Japamalai, Head, Dept. of Zoology &  
Dean, Academic Affairs
6. Dr. G. Little Flower, Dean, Student Affairs
7. Dr. Manga Devi, Dean, Student Affairs

*U. Kumari*

*K. Sundari*

*S. Vanilatha*

*Sr. Japamalai*

*G. Little Flower*

*M. Manga Devi*

#### Member from the Management

8. Sr. Sleeva Thumma, Correspondent

*S. Sleeva Thumma*

#### Senior Administrative Officer

Ms. K.V.L. Prasuna, Office Superintendent

*K.V.L. Prasuna*

#### Management nominees from Employers / Industrialists / Stakeholders / Local Society / Alumni / Students

9. Mr. D. Anvesh, Vice President  
Efftronics Systems Pvt. Ltd., Vijayawada - Employer
10. Ms. V. Smita, Alumna  
Businesswoman & Entrepreneur - Industrialist

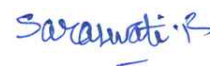
11. Mr. T. R. K. Singh, Corporate Trainer

Singh's Soft Skills - Stakeholder



12. Prof. Saraswathi Raju Iyer, Head, Department of Sociology &

Social Work & IQAC Coordinator



ANU, Guntur - Local Society

13. Ms. D. Aparna, Entrepreneur

Aparna Jute Industries, Vijayawada - Alumna



14. Ms. Blessy, III B.Sc. FMB - Student Representative



**The Coordinator**

15. Dr. C. Krishnaveni, Dept. of Mathematics



**Agenda:**

1. Research and Patents.
2. Instrumentation Center.
3. Innovation: Automatic Robotic Sprayer.
4. Poultry Farm.
5. Institutional Development Plan.
6. ISO certification for providing quality education.
7. Alumni Chapter in Telangana State.
8. National workshop on AI.
9. Any other

**Resolutions:**

Resolved to

1. Prioritize high-quality research and publish a minimum of two research articles per teacher in journals that are listed by UGC CARE or indexed by Scopus or Web of Science during the academic year.  
Submit funding agencies proposals for research projects and conferences.  
Apply for patents.
2. Set up an 'Instrumentation Center' within the 'Research and Development Center' that would house the standard equipment needed for all scientific fields to conduct research.
3. Design and create a novel agricultural technology innovative, 'Automatic Robotic Sprayer', and submit an application for a patent.  
Host hackathons to promote original and creative ideas for start-ups.
4. Establish a 'Poultry Farm' to facilitate hands-on learning in agriculture.
5. Appoint Dr. C. Krishnaveni, the IQAC Coordinator as incharge of developing the Institutional Development Plan for the upcoming five years.

Form a committee for monitoring and implementing IDP.

6. Undergo a quality-education audit and renew the ISO certification for providing high-quality educational services.
7. Start an alumni chapter in Kazipet, Telangana state.
8. Conduct a National workshop on 'AI Toolkit' to integrate AI in teaching-learning at the beginning of the even semester in the month of November, 2023.

As no other matter was raised, the meeting ended with a vote of thanks to the Chair.

  
PRINCIPAL  
MARIS STELLA COLLEGE  
VIJAYAWADA-520 008





**MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA**

**A College with Potential for Excellence**

**NAAC Accredited & ISO 21001:2018 Certified**

**THE IQAC MEETING**

Minutes of the IQAC meeting held on Friday, 03 November 2023 at 11.00 am. in the IQAC office.

**The Chairperson**

1. Dr. Sr. Jasintha Quadras, Principal

*J. Quadras*

**Assistant and Associate Professors**

2. Ms. Usha Kumari, Degree Vice Principal
3. Dr. K. Naga Sundari, Director, MBA
4. Dr. S. Vanilatha, Head, Dept. of Chemistry &  
Dean, Academic Affairs
5. Dr. Sr. Japamalai, Head, Dept. of Zoology &  
Dean, Academic Affairs
6. Dr. G. Little Flower, Dean, Student Affairs
7. Dr. Manga Devi, Dean, Student Affairs

*U. Kumari*

*K. Sundari*

*S. Vanilatha*

*A. P. Japamalai*

*G. Little Flower*

*M. Manga Devi*

**Member from the Management**

8. Sr. Sleevea Thumma, Correspondent

*S. Sleevea Thumma*

**Senior Administrative Officer**

Ms. K.V.L. Prasuna, Office Superintendent

*K.V.L. Prasuna*

**Management nominees from Employers / Industrialists / Stakeholders / Local Society / Alumni / Students**

9. Mr. D. Anvesh, Vice President  
Efftronics Systems Pvt. Ltd., Vijayawada - Employer
10. Ms. V. Smita, Alumna  
Businesswoman & Entrepreneur - Industrialist

11. Mr. T. R. K. Singh, Corporate Trainer



Singh's Soft Skills - Stakeholder

12. Prof. Saraswathi Raju Iyer, Head, Department of Sociology &



Social Work & IQAC Coordinator

ANU, Guntur - Local Society

13. Ms. D. Aparna, Entrepreneur



Aparna Jute Industries, Vijayawada - Alumna

14. Ms. Blessy, III B.Sc. FMB - Student Representative



**The Coordinator**

15. Dr. C. Krishnaveni, Dept. of Mathematics



**Agenda:**

1. Gender and Disabled-friendly Audits.
2. Green, Energy, and Environment Audits.
3. MoUs.
4. Standing Committee Meeting.
5. Workshop on Service-Learning.
6. Awareness and training programmes for non-teaching staff.
7. Any other

**Resolutions:**

Resolved to

1. Form a common committee to conduct 'Gender' and 'Disabled-friendly' audits.  
Update the paperwork needed and records required for the 'Gender' and 'Disabled-friendly' audits.
2. Form a common committee for undergoing 'Green', 'Energy' and 'Environment' audits.  
Update the paperwork needed and records required for the 'Green', 'Energy' and 'Environment' audits.
3. Sign an MoU with the Global Institute of Professional Studies and Educational Society to start new programmes such as BSc Forensic Science, BSc Artificial Intelligence, BVoc Medical Image Technology, BSc Medical Lab Technology, BSc Dairy Science, BBA, and Takshasila IAS Academy for BA Public Policy programme.  
Sign an MoU with St. John's Public School for experimental findings on the Kadamba fruit by the students of Biotechnology and Food Science and Technology.  
Sign an MoU with the Confederation of Women Entrepreneurs-India for Startup Counselling, Pre-incubation Opportunity, Consultancy and Expertise Sharing, Industrial

exhibitions, Internships, Industry visits, EDP Programmes, Skill Development Programmes, Workshops and Training.

4. Conduct a meeting of the Standing Committee of the Academic Council to approve the transition of the MBA programme to autonomous status.
5. Conduct a two-day capacity-building workshop on self-assessment rubrics for the institutionalization of service-learning in the first week of December 2023.
6. Organise a workshop related to values for improving positive culture among support staff and an awareness programme on green initiatives in the new year 2024.

As no other matter was raised, the meeting ended with a vote of thanks to the Chair.

  
PRINCIPAL  
MARIS STELLA COLLEGE  
VIJAYAWADA-520 008



**MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA**

**A College with Potential for Excellence  
NAAC Accredited & ISO 21001:2018 Certified**

**THE IQAC MEETING**

Minutes of the IQAC meeting held on Wednesday, 27 February 2024 at 02.00 pm. in the IQAC office.

**The Chairperson**

1. Dr. Sr. Jasintha Quadras, Principal

*J. Quadras*

**Assistant and Associate Professors**

2. Ms. Usha Kumari, Degree Vice Principal
3. Dr. K. Naga Sundari, Director, MBA
4. Dr. S. Vanilatha, Head, Dept. of Chemistry &  
Dean, Academic Affairs
5. Dr. Sr. Japamalai, Head, Dept. of Zoology &  
Dean, Academic Affairs
6. Dr. G. Little Flower, Dean, Student Affairs
7. Dr. Manga Devi, Dean, Student Affairs

*U. Kumari*

*K. Sundari*

*S. Vanilatha*

*Sr. Japamalai*

*G. Little Flower*

*M. Manga Devi*

**Member from the Management**

8. Sr. Sleeva Thumma, Correspondent

*S. Sleeva Thumma*

**Senior Administrative Officer**

Ms. K.V.L. Prasuna, Office Superintendent

*K.V.L. Prasuna*

**Management nominees from Employers / Industrialists / Stakeholders / Local Society / Alumni / Students**

9. Mr. D. Anvesh, Vice President  
Efftronics Systems Pvt. Ltd., Vijayawada - Employer
10. Ms. V. Smita, Alumna  
Businesswoman & Entrepreneur - Industrialist

11. Mr. T. R. K. Singh, Corporate Trainer

Singh's Soft Skills - Stakeholder



12. Prof. Saraswathi Raju Iyer, Head, Department of Sociology &

Social Work & IQAC Coordinator



ANU, Guntur - Local Society

13. Ms. D. Aparna, Entrepreneur

Aparna Jute Industries, Vijayawada - Alumna



14. Ms. Blessy, III B.Sc. FMB - Student Representative



**The Coordinator**

15. Dr. C. Krishnaveni, Dept. of Mathematics



**Agenda:**

1. Internal Academic and Administrative Audit 2023-24.
2. Skill Development Programmes.
3. BoS and Academic Council meetings.
4. New Courses and Programmes.
5. PSOs, POs, and PEOs
6. Vision and Mission statement
7. USP & Catchy Phrases for the schemes offered
8. Any other.

**Resolutions:**

Resolved to

1. Conduct Internal Academic and Administrative Audit for the academic year 2023-24 in the last week of April 2024.  
Direct the faculty and HoDs to update the required records.  
Share the soft copies of the 'Self Study Report' with the staff along with the checklists to fill it up.  
Prepare a schedule for the Academic and Administrative Audit: April 2024.
2. Offer 'Skill Development Programme' aimed to equip students with practical skills for their professional journey and post-graduation studies in collaboration with the Magic Bus India Foundation w.e.f. the academic year 2024-25.  
Direct the TPO to draft an MoU to be signed in this context with the Magic Bus India Foundation.
3. Direct the HoDs to finish the BoS meetings by the end of March, 2024.  
Conduct Academic Council meeting in the third week of April, 2024.  
Revise no more than 20% the APSCHE-recommended course syllabi for the semesters III and IV to pass in the BoS meetings and be ratified in the Academic Council meeting.

Assign the responsibility of preparing the guidelines and formats for the syllabus, model question paper and blueprint of the question paper to Dr. C.Krishnaveni, IQAC coordinator, and share these with the faculty.

4. Offer new certificate courses as per the NSQF recommendations.

Offer the following new honours programmes with single major in collaboration with the Global Institute of Professional Studies and Educational Society w.e.f. the academic year 2024-25:

BSc Forensic Science, BSc Artificial Intelligence, BSc Medical Lab Technology, BSc Dairy Science,

Offer four year honours BA Public Policy programme with single major in collaboration with the Takshasila IAS Academy.

5. Prepare PSOs and POs for the new four year UG honours programmes with single major offered w.e.f. the academic year 2023-24.

Prepare Programme Educational Objectives (PEOs).

Assign the responsibility to Dr. C. Krishnaveni, IQAC Coordinator.

6. Revise the Vision and Mission statement of the college in line with the NEP:2020 while retaining the essence of the existing one.

Direct the HoDs to update the departmental Vision and Mission statements to reflect the Vision and Mission of the College.

7. Create a USP (Unique Selling Proposition) for the institution and a promotional tagline that reflects the USP which emphasizes leadership, community impact, core values, and high-quality education.

Provide catchy and meaningful phrases for the various schemes offered for staff and students.

As no other matter was raised, the meeting ended with a vote of thanks to the Chair.

  
PRINCIPAL  
MARIS STELLA COLLEGE  
VIJAYAWADA-520 008





**MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA**  
**A College with Potential for Excellence**  
**NAAC Accredited & ISO 21001:2018 Certified**

**ACTION TAKEN REPORT: 2023-24**

**1. Department and College Activities:**

The departmental activities as well as the activities planned by the IQAC and different committees and cells were organized according to the schedule and the specifics are recorded in the College Activities Register: 2023-24.

**2. The No. of Programmes/Events organized:**

- (a) Awareness of Trends in Technology: 5
- (b) Intellectual Property Rights (IPR): 2
- (c) Research Methodology: 3
- (d) Entrepreneurship Development: 1
- (e) Capacity Development and Skill Enhancement: - 21
- (f) Leadership Training Programmes and Workshops: 2
- (g) Conferences and Seminars: 6
- (h) Days of significance / Commemorative days: 28
- (i) Extension Activities & Outreach: 6
- (j) NSS: 9
- (k) NCC: 9
- (l) Sports and Cultural Activities: 8

**3. Gender Sensitization Programmes and Programmes related to Code of Conduct:** The

IQAC's 'Annual Awareness Programme on Code of Conduct' and 'Annual Gender Sensitization Action Plan' for the academic year 2023-24 were prepared and published on the college website. The planned events were completed, and the details of the events were recorded in the College Activities Register: 2023-24.

- (i) No. of Gender Equity / Sensitization programmes held: 7
- (ii) No. of awareness programmes on code of conduct held: 5

**4. FDPs, Training Programmes, Conferences, Seminars, and Workshops organised:**

The IQAC has prepared a list of FDPs, training programmes, workshops and awareness

programmes for the faculty, staff and students in order to promote and maintain quality and conducted the programmes as per the schedule:

(i) The Research and Ethics committee in association with the IQAC conducted a one-day workshop on 'Research Insights and Publication' on 22 February 2024.

Dr.M.Srinivasa Narayana, Professor, Dept. Of Online Learning (CDOE), KLU, KLEF, Vijayawada, Dr.Chintala Balaji, Professor, Financial Management and Marketing Management, Deputy HoD & Assistant Director, KLU, KLEF, Vijayawada were the resource persons.

(ii) The IQAC organised a workshop on using RG LMS and ERP for faculty and students by ReferenceGlobe, an Edutech Company from 21-26 August 2023 offering real-time tasks for better platform comprehension.

An orientation class for administrative staff occurred on 24 August 2023 on ERP modules covering features such as admissions, fees, and library.

Five representatives from ReferenceGlobe conducted the training and orientation programmes for staff and students and made them perform real-time tasks.

(iii) The Department of Computer Science organised a three-day National Conference on 'Recent Research Advancements in Computational Sciences' from 27 to 29, February 2024.

(iv) The Departments of History, TTM, Political Science, and Economics, in collaboration with Ch.S.D. St.Theresa's Degree College, Eluru, organized an International Conference on 'Influence of India on Global Diplomacy: An Appraisal of its role in International Relations since 1947' from 26 to 28, March 2024.

Number of programmes conducted for the:

Faculty: 8, Admin. Staff: 2, Support Staff: 2, and Students: 23.

## **5. New Pattern of Question Paper:**

Introduced a new pattern of the question paper for internal (CIA test) and external (SEE) assessment which includes questions at RBT levels 1, 2, and 3 for I year students and questions at RBT levels 1, 2, 3, and 4 for II and III year students.

The two parts of the SEE question paper are Section A, which consists of short answer questions for eight marks each, and Section B, which consists of long answer questions of twelve marks each. Students are expected to answer any five of the ten questions in Section A, which includes two questions from each unit. Students are expected to answer all five of the internal-choice questions in Section B, which covers one question from each Unit.

## **6. Infrastructure development:**

- (i) Constructed a 'Conference Hall' on the second floor and a 'Laboratory' on the first floor of the RUSA building for the agriculture students, installed a 'Lift' in the main-block, built a multi-purpose 'Activities Corner' near the college canteen and set up a 'Media Centre' for e-content generation on the third floor of the BMP block and were inaugurated on 13 Oct. 2023.
- (ii) Upgraded and modernized the computer labs along with the science and language labs to provide state-of-the-art facilities and enhanced learning experiences.
- (iii) A computer lab has been established equipping with 45 computers under MPLAD scheme worth 25 lakhs, extended generously by Sri. Kesineni Srinivas, Member of Parliament, Vijayawada Constituency which was inaugurated on 12 March 2024.
- (iv) Established a computer lab equipped with 110 systems with the generous contribution of Rs. 25 lakhs from TAFE Foundation, Chennai.
- (v) The Department of Agriculture and Rural Development has established a poultry unit as part of the Agricultural Experiential Learning Programme (AELP), with the primary goal of providing practical training and income-generating opportunities for the final year BSc agriculture students.

## **7. Capacity Development Programmes & Collaborative Activities:**

- (i) Introduced and conducted 'Power Skills Programme' for III year UG students to equip them with practical skills essential to possess industry-relevant knowledge alongside their academic knowledge for their professional journey and post-graduation studies with the financial support of CareToAction, a distinguished NGO.
- (ii) Various new certificate courses such as Web Page Designing, Financial Planning, Basic Computer Skills, Basic Communication Skills, Advance Communication Skills, 150-hour Power Skills, Psychology, Aquaculture, 80-hour Cambridge Language Learning & Assessment (for advanced learners) were offered to enhance employment opportunities and students who undertook these courses were certified after their successful completion of the courses.

## **8. Training and awareness programmes for students:**

- (i) Luminate 2K24, an Inter-Collegiate State-level Fest was organised by the Department of Commerce and Management Studies to showcase the talents, creativity and innovative thinking of Commerce and Business Administration students. It attracted as many as 200 students across the state.
- (ii) Gender equity promotion and awareness programmes, workshop on gender leadership were organised during the academic year.

## **9. New MoUs:**

- (i) Signed an MoU with Go-Green Technologies for research development, staff and student training, sharing expertise and hands-on experience on 14 June 2023.
- (ii) Signed an MoU with the Global Institute of Professional Studies and Educational Society to start new programmes such as BSc Forensic Science, BSc Artificial Intelligence, BVoc Medical Image Technology, BSc Medical Lab Technology, BSc Dairy Science, and BBA to provide adequate agriculture land for field training, other training activities, and marketing on 5 Jan 2024.
- (iii) Signed an MoU with Takshasila IAS Academy on 28 Dec. 2023 to start a new programme, 'BA Public Policy' and provide IAS coaching for UG students.
- (iv) Signed an MoU with St. John's Public School for experimental findings on the Kadamba fruit by the students of Biotechnology and Food Science and Technology on 12 April 2024.
- (v) Signed an MoU with the Confederation of Women Entrepreneurs-India for Startup Counselling, Pre-incubation Opportunity, Consultancy and Expertise Sharing, Industrial exhibitions, Internships, Industry visits, EDP Programmes, Skill Development Programmes, Workshops and Training in Marketing, Stand-up Clinics, Market Place tie ups on 18 March 2024.
- (vi) Renewed the MoU with DELNET for the development of the library network.

## **10. Patents:**

- (i) Dr. Baratha Jyothi, from the Department of Zoology, has been granted 2 patents: one for 'Monitored Chemical Dispensing System' in June 2023 and another for 'Portable Nanoparticle Cytotoxicity Test Device for Cancer Treatment' on 27 September 2023 at Munich, Germany. She was also awarded a certificate of appreciation for her significant contribution as an editor to 'WORLD 2023' the Guinness World Record holder for the 'Thickest Book in the World'.
- (ii) Dr. P. Jayapradha from the Department of Physics, has been granted 3 patents: one for the 'Development of Zinc oxide nanoparticles Induced Liquid Crystals for Display Device Application' in September 2023, and one for the 'Development of Smart Security System with Speech Recognition' in January 2024 and another for 'Improving Efficiency with Nano-Material-Based Photovoltaic Cells' in April 2024.

## **11. Research and publications:**

- (i) Eighty-seven research articles in various journals and three books were published by the faculty from various departments during the year. Also published 89 chapters in books and

64 articles in conference proceedings.

(ii) Four minor research project proposals and one major research project proposal were submitted to ICSSR during 2023-24:

**Minor Research Projects:**

(a) Dr. Ravi Kumar Bommiseti, PG Dept. of Business Administration

Budget estimate: Rs.23,79,000.

Title: An Empirical Study on Industrial Relations in the Steel Industry (With reference to Visakhapatnam Steel Plant along with Bhushan Power & Steel Limited).

(b) Dr. Malathi Gottumukkala, PG Dept. of Business Administration

Budget estimate: Rs.25,00,000.

Title: Realization of SDG1: Role of Academia in Bridging the Gap between People and Government to Eradicate Poverty in the State of Andhra Pradesh

(c) Dr. R. Srinivasa Rao, Dept. of Telugu

Budget estimate: Rs. 9,96,000.

Title: Study of Language, Literature, and Culture of Girijanas in and around Andhra Pradesh.

(d) Dr. K. Naga Sumalatha, Dept. of Commerce and Management Studies

Budget estimate: Rs. 6,36,000.

Title: Gender-Based Pay Disparities in the Unorganized Sector: A Case Study Approach.

**Major Research Project:**

Dr. D. Ramakrishna, Dept. of Sanskrit

Budget estimate: Rs. 24,90,000.

Title: Swatantra Bharate Bouddha Samskruta Granthaadhyayana krama Vimarsah (Critical Analysis of the Study of Buddhist Sanskrit Works in Independent India).

**12. Instrumentation Center:**

Established an 'Instrumentation Center' within the 'Research and Development Center' and set up common laboratory equipment required for study and research by different science departments and designated an individual to oversee it.

**13. Innovation:**

(i) Y.M.S. Likhita, P. Suvijna, and G. Divya from III year Agriculture and Rural Development Programme developed an 'Autonomous Smart Robotic Sprayer', which is used for spraying agrochemicals.

(ii) Established a 'Poultry Farm' to facilitate hands-on learning in agriculture with the theme 'Earn While Learn' that emphasizes the dual benefit of gaining hands-on agricultural experience while simultaneously earning an income to encourage the students to become

successful entrepreneurs. The poultry unit focuses on meat production, teaching students essential skills in poultry care, breeding, nutrition, and health management. Additionally, it offers knowledge in processing poultry for sale, from slaughtering to packaging, as well as strategies for marketing and distributing the products. This also aids in generation of new ideas and motivates the students for the establishment of an industry after their graduation.

#### **14. Institutional Development Plan (IDP):**

Dr. C. Krishnaveni, the IQAC coordinator has been appointed as the incharge for developing the Institutional Development Plan. The IDP for five years 2024-29 has been prepared as per the UGC guidelines after carrying out SWOC analysis and needs assessment and identifying goals, priorities and commitments of the institution. Identifying the activities required to achieve the goals stated in the IDP, the annual activity plans are developed and the IDP has been displayed on the college website.

#### **15. ISO Certification:**

Carried out a quality-education audit on 29 March 2024 and received ISO 21001:2018 certification from HyM International Certifications Pvt. Ltd. for providing high-quality educational services.

#### **16. Alumni Chapter:**

Started an alumni chapter in Fatima Girls High School, Kazipet, Telangana state on 30 Sept. 2023. The event aimed to bring together former students of Maris Stella College, fostering a sense of unity and camaraderie among the alumni. Approximately 25 alumni gathered for a creative sharing session, where they exchanged memories, experiences, and discussed their diverse accomplishments.

#### **17. National Workshop on AI:**

IQAC conducted a three-day National workshop on the AI Educator's Toolkit: Enhancing Learning & Advancing Research from 21- 23 November 2023.

Dr. K. Thiyaagu, Department of Education, Central University of Kerala, Kerala; Dr. S. Rajakumar, Thiagarajar College of Preceptors, Madurai; and Mr. Sai Satish, CEO, Indian Servers, Vijayawada were the resource persons.

#### **18. Audits:**

Green, Energy, Environment, Gender and Access (Disabled Friendly) audits were carried out by the Greenvio Solutions on 21 February 2024, led by Ms. Nahida Abdulla, an Architect & Green Building Consultant. The audit reports and certifications are published on the college website.

**19. Academic Council Meeting:**

- (i) Conducted a meeting of the Standing Committee of the Academic Council to approve the transition of the MBA programme to autonomous status and to pass the minutes on 22 December 2023.
- (ii) Conducted an Academic Council meeting on 30 April 2024 to ratify the minutes of Boards of Studies and to get approval for introducing new courses and programmes.

**20. Workshop for faculty on Service-Learning:**

The IQAC conducted a United Board sponsored two-day capacity-building workshop on 'Andrew Furco's Self-Assessment Rubrics for the Institutionalization of Service-Learning in Higher Education' on 4 and 5 December 2023. Dr. A.S. Priscilla, Assistant Professor of Zoology and Dean of Academic Affairs (Sciences), Lady Doak College, Madurai was the resource person.

**21. Programmes for non-teaching staff:**

IQAC organised a one-day workshop on 'Values in Action: Cultivating a Positive Culture' for the support staff of the college on 29 January 2024. Mr. Yehoshuva, a renowned freelance motivational speaker was the resource person.

The department of Physics organised a workshop on 'The Principles of Functioning of Electric Generator' on 21 Sept. 2023. Mr. M. Sekhar, Pump Engineering Enterprises, Balanagar, Hyderabad was the resource person.

**22. Internal Academic and Administrative Audit:**

The IQAC of the college conducted an Internal Academic and Administrative Audit for the academic year 2023-24 to assess the effectiveness of the institution's various departments and to make recommendations for future quality enhancements in curriculum, teaching-learning, evaluation, research, innovation, extension, and administration from 24.04.2024 to 27.04.2024. A report has been prepared with observations and suggestions and displayed on the college website.

**23. Skill Development Programme:**

Introduce 'Skill Development Programme' which is aimed to inculcate and enhance employability skills among students in collaboration with the 'Magic Bus India Foundation' w.e.f. the academic year 2024-25. An MoU has to be signed in this context with the Magic Bus India Foundation.

**24. New Programmes:**

Introduced the following new honours programmes with single major in collaboration with the Global Institute of Professional Studies and Educational Society to be offered w.e.f. the academic year 2024-25:

BSc Forensic Science, BSc Artificial Intelligence, BSc Medical Lab Technology, and BSc Dairy Science.

Introduced a four-year honours BA Public Policy programme with single major in collaboration with the Takshasila IAS Academy.

## **25. PSOs, POs and PEOs**

The PSOs and POs are prepared for the new four year UG honours programmes with single major offered w.e.f. the academic year 2023-24.

Prepared Programme Educational Objectives (PEOs) which are in alignment with College mission of fostering holistic development, academic excellence, and ethical values as well as its efforts to emphasize English proficiency for improved communication and placements. The PEOs also reflect the institution's commitment to producing graduates who are socially responsible, environmentally conscious, and equipped to adapt to the ever-changing demands of the world.

## **26. Vision and Mission statement**

Revised the Vision and Mission statement of the college and displayed it on the college website.

Vision: Empower, Enrich, Excel and Transform

To nurture globally competent and socially responsible individuals through inclusive and multidisciplinary quality education, fostering leadership, innovation, sustainability and ethical values in an environment of academic excellence.

Mission: The mission of the college is to empower young women through a transformative education to form intellectually competent, morally upright, socially committed, spiritually inspired and environmentally conscious women imbued with the values of humanism in the service of society.

The mission of the institution is to

M1: Empower young women through a transformative education that fosters intellectual competence.

M2: Instill moral uprightness in students, enabling them to lead lives of integrity.

M3: Nurture humanistic values and a spirit of social commitment among students for the betterment of society.

M4: Foster respect for the environment and sustainable practices.

Moreover, each department updated the departmental Vision and Mission statements.



## 27. USP & Catchy Phrases for the schemes

Created a USP (Unique Selling Proposition) for the institution with a promotional tagline:

“Maris Stella College stands out for its holistic approach to education, integrating academic excellence, skill development, and social responsibility, fostering an inclusive environment that nurtures leadership, community engagement, ethical values, and personal growth”.

Promotional Tagline: ‘Quality is Our Priority; Success is Our Reality’.

Provided catchy and meaningful phrases for the various schemes offered for staff and students:

Mid-day Meal Scheme: LIFE - Lunch Initiative for Fostering Education

Skill Development Scheme: STEP - Skill Training for Employment Potential

Fundraising Scheme through Annual Christmas Fete: GIFT - Giving Initiative for Fostering Togetherness

Service-Learning Project Scheme: HELP - Hands-on Education for Learning & Progress

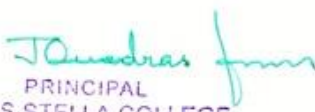
Support Scheme for the Non-teaching and Support Staff: CARE - Comprehensive Assistance and Relief for Employees

Student Support Scheme: SHINE - Support for Holistic Initiatives & Nurturing Education

Improvement of English Proficiency Programmes:

ELITE - English Learning for Improved Training & Employability

Outreach Programmes: STARS – Stellites to Awake and Reach out to the Society

  
PRINCIPAL  
MARIS STELLA COLLEGE  
VIJAYAWADA-520 008