



MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA
A College with Potential for Excellence
NAAC Accredited & ISO 9001:2015 Certified

IQAC Quality Initiatives: 2020-21

Criterion I - Curricular Aspects:

- (i) A new curriculum framework as per Andhra Pradesh State Council for Higher Education (APSCHE) directive was implemented. The curriculum has been revised across all programmes in alignment with the curriculum prescribed by the UGC and APSCHE. The revised curriculum adopted in 2020 has initiated outcome-based education and introduced the Revised Bloom's Taxonomy.
- (ii) Revised syllabi for courses in semesters I & II of all programmes.
- (iii) The following new programmes were introduced:
 - (a) BBA-Digital Marketing
 - (b) BBA-Aviation & Hotel Administration
 - (c) A four-year B.Sc. Programme in Agriculture and Rural Development
 - (d) B.Sc. Programme: Food Science & Technology, Microbiology, Biochemistry
- (iv) Designed and offered the following Life Skill Courses (LSC) and Skill Development Courses (SDC) to inculcate lifelong skills and employability skills:
 - (a) Gender Studies (LSC)
 - (b) Counselling and Psychotherapy (SDC)
 - (c) Tally (SDC)
 - (d) Employability Skills (SDC)
 - (e) Research Methodology (SDC)
 - (f) Community Nutrition (SDC)
 - (g) National Cadet Corps – I (LSC)
 - (h) National Cadet Corps – II (SDC)
- (v) Codes for each Subject / Department were assigned.
 - (a) A new pattern of course codes is followed for all the courses w.e.f. 2020-21.
 - (b) A new configuration for student Register Number is adopted for the 2020 batch.
- (vi) Prepared the College Handbook with the Academic Calendar for the year 2020-21 and displayed it on the College website.

Criterion II - Teaching-Learning and Evaluation:

- (i) Student time-table was changed to promote experiential learning on the campus:
Monday to Friday – 7 periods, Saturday – 5 periods.
- (ii) Each faculty member maintained an online record of a teaching diary in the attendance portal.
- (iii) Conducted SEE online for all foundation, life skills and skill development courses.
- (iv) Conducted continuous assessment (CA) and continuous assessment improvement test (CAIT) online on Google Forms and Proctored semester-end examinations (SEE) for semesters II & IV.
- (v) Designed and implemented a uniform pattern of question paper with three sections for all courses in all subjects. Multiple Choice Questions (MCQs) and Fill in the Blanks (FIB) were introduced both in CA & SEE in order to train students in this mode of questioning used widely in various competitive examinations.
 - (a) Section A: MCQs and FIBs
 - (b) Section B: Short answer questions
 - (c) Section C: Essay questions
- (vi) Prepared QB for all courses in which questions are to be mapped with the COs and RBT level. (levels 1 and 2 for 1st year and levels 1, 2, 3 and 4 for 2nd and 3rd years).
- (vii) Conducted 'crash course' for two weeks for all the practical courses for 2nd and 3rd year science students.
Included a sheet to post CA test marks in the written examination answer booklet to check the performance of the students for the attainment of COs. Prepared a new format to post marks for SEE as per the new question paper pattern.
- (viii) Attendance:
Permitted students having below 50% of attendance to take up SEE because of Covid-19 Pandemic. Re-fixed minimum required percentage of attendance per course for eligibility to take up Semester End Examinations for the benefit of those students who were unable to attend online classes due to connectivity issues. Also followed a modified range of percentage to award marks for the attendance for the 2018 batch.
- (ix) Attainment of COs and POs:
Resolved to measure the attainment of COs and POs by both direct and indirect methods for the courses and programmes offered for the 2021 batch onwards.
- (x) Extra-curricular activity:
Offered 'Yoga' course as a compulsory extra-curricular activity for 60 hrs. with 2 credits w.e.f. the academic year 2020-21.

(xi) Orientation on new curriculum framework:

An orientation on the new curriculum framework and the modalities for the new courses in Life Skills and Skill Development to be offered from the academic year 2020-21 was presented by Dr. C. Krishnaveni, Coordinator, IQAC to all the faculty on 2nd Nov. 2020 and students on 21st Sept 2020 and 18th Mar. 2021.

Criterion III - Research, Innovations and Extension:

- (i) Efforts are being made to establish an Incubation Centre to promote entrepreneurship and innovation.
- (ii) Set up a common 'Instrumentation Centre' to promote research culture among students.
- (iii) Revamped the College website and constituted a 'Website Committee' for the college website, to upload and update information promptly.

The Composition:

Principal – Chair Person;

Dean, Planning & Communication;

IQAC Coordinator - Coordinator;

Two faculty members;

One System Admin;

- (iv) Nine new MoUs have been signed during the year for collaborative activities in skill development, internship and training and extension services.

Signed an MoU with the

- (a) Global Institute of Professional Studies and Educational Society on 10.08.2020 to take care of teaching classes, practicals and other training activities for BBA (Aviation & Hotel Administration) and B.Sc. (Agriculture & Rural Development) programmes.
- (b) Youth4Jobs Foundation on 06.11.2020 to work towards employability, inclusion of candidates with disabilities, jointly organize skill development programmes, facilitate research activities and consultancy.
- (c) Takshasila IAS Academy on 25.03.2021 to take care of coaching classes and other training activities like Inter + IAS Foundation + CLAT, Degree with IAS & competitive exams coaching & competitive exams foundation course etc.
- (d) ICT Academy on 08.01.2021 to offer services to the faculty members in the areas of Information and Communication Technology and to provide industry related and domain specific training programmes for faculty and students (Industry & Academia innovative practices).

- (e) HEPSN - Higher Education for Persons with Special Needs (Andhra Loyola College) on 29.01.2021 for Collaborative initiatives to sensitize the public of disability issues, facilitate scholarships offered by Help the Blind Foundation to the needy students.
- (f) Vasavya Mahila Mandali on 04.03.2021 to facilitate sensitisation events on domestic violence and violence against women among the students and faculty and to promote student activity against domestic violence.
- (g) Shivashakthi Bio Technologies Limited on 26.03.2021 to facilitate lab and infrastructure facilities, summer internships in Life Sciences and organize collaborative activities.
- (h) NOVOTEL Hotels & Resorts on 27.03.2021 to encourage industry visits by staff and students for the purpose of training, research and development activities, and offer internships to the student community.
- (i) DELNET on 17.05.2021 to use DELNET's Archives and Services, Union Catalogues and other database online resources.
- (v) The PG Department of Business Administration in association with the IQAC organized One-day National Webinar on 'Publication of Academic Research in Peer-Reviewed Journals' on the 6th June 2020.

Resource persons:

- (a) Dr. K. Krishna Reddy, Registrar
Krishna University, Machilipatnam.
 - (b) Prof. V. Krishna Mohan, Registrar, Andhra University, Visakhapatnam.
- Number of beneficiaries: 56

- (vi) The Department of Economics in association with the IQAC organized Two-Day Virtual National Conference on 'Impact of Covid-19 on Women in Rural India' on 22nd & 23rd Dec. 2020.

Resource persons:

- (a) Dr. I. Satya Sundaram, Retd. Director of Post- Graduate Centre, The Hindu College, Machilipatnam.
- (b) Dr. Sonal Mobar Roy, Asst. Professor, Centre for PG Studies and Distance Education, National Institute of Rural Development and Panchayati Raj (NIRDPR) Hyderabad.
- (c) Dr. J. Rani Ratna Prabha, Asst. Professor, Centre for the Study of Social Exclusion and Inclusive Policy, School of Social Sciences, University of Hyderabad.

(d) Dr. A. Bhavani, Project Consultant, Centre for Entrepreneurship Development and Financial Inclusion (CEDFI), National Institute of Rural Development and Panchayati Raj (NIRDPR) Hyderabad.

Number of beneficiaries: 35

- (vii) The IQAC organized a Guest Lecture on 'Preparation of Research Project Proposals for Funding' on 22.01.2021 for the faculty members with Ph.D.

Resource Person:

Dr. Veera Brahmachari, HOD, Biotechnology Krishna University, Machilipatnam

Number of beneficiaries: 36

- (viii) IPR cell in association with the IQAC organized a webinar on 'Innovation and Intellectual Property Rights' during 18th and 19th Feb. 2021.

Resource Person:

Dr. T. Pavan Kumar, Senior Scientist (Organic Chemistry) CSIR Institute, Bhubaneswar

Number of beneficiaries: 300

(ix) **Research:**

Faculty were encouraged to attend Seminars / Conf. on Research methodology & Preparation of project proposals etc. organized by the College and by other institutions and do research part-time.

Dr. Sr. Ramana K, Dept. of Business Administration, was awarded a doctoral degree for her thesis on 'A Study on the Relationship between Emotional Intelligence and Academic Achievement among Intermediate Students of Krishna District, Andhra Pradesh' by Acharya Nagarjuna University in Oct. 2020.

No. of papers published in Journals: 24;

No. of papers published in Conference Proceedings: 7;

No. of Chapters in books published: 26;

No. of papers presented: 17

(x) **Departmental community service activities:**

Some departments planned and executed outreach programmes by involving students.

- (a) Students of the departments of Food Science, Microbiology & Chemistry distributed fruits to the poor in the Kandrika Street area on the 12th Dec. 2020 as part of pandemic outreach.

- (b) The college reached out to the cyclone-hit villages around Machilipatnam. The department of Social Work undertook a need-assessment survey of the affected areas. On the 18th Dec. 2020, a team consisting of 6 staff and 10 students from NSS, STARS and

NCC visited the villages and distributed tarpaulin, cooking dishes, plates, glasses and cakes.

- (c) The students of the department of Commerce & Management Studies extended their services to the rural areas outlying Vijayawada in registration of PAN cards on the online platform. All the students of B.Com. (General & TPP) were divided into groups on the basis of the area they reside in for easy access to the target area and to minimize commutation.
- (d) An Online Workshop on Service Learning was held on 11th -12th January, 2021 for faculty as part of the plan to incorporate service learning into the curriculum.
- (e) The department of Social Work and a few faculty members in charge of STARS programme undertook 'Preparation of Baseline Survey' in collaboration with Montfort Social Service Organisation on 1st Feb. 2021. Orientation on Baseline Survey was given to 110 STARS and Social Work students and 4 faculty by Montfort Social Service on 12th Feb. 2021. Baseline surveys were conducted at Kamineni Nagar on 25th March 2021 by 46 students and 4 faculty and at Autonagar on 27th March by 40 students and 4 faculty, in collaboration with Montfort Social Service Organisation.
- (f) 180 hours of community service as part of curriculum was to have been undertaken in the summer of 2021 by all 2nd year students was delayed because of the pandemic. It is now underway, in collaboration with the Youth for Seva organization.

Criterion IV - Infrastructure and Learning Resources:

- (i) Faculty developed e-content (Videos, PPTs, Recorded lectures, Study material in word and PDF) using personal laptops and available recording tools like PresentationTube, Screencastify, Screencast O'matic, Zoom, Google Meet etc. for each course, saved in their respective drives and shared with the students in their Google Classrooms.
- (ii) Subscribed to new cloud platforms: (a) Microsoft Teams (b) Zoom to take online classes, conduct meetings and organize webinars / workshops / conferences etc.
- (iii) The construction of a building for additional classrooms and other facilities to accommodate new courses and programmes are under progress.
- (iv) Constructed additional toilets and lift for the hostel.
- (v) The playground was levelled and relayed.
- (vi) The online admissions portal was upgraded for full-fledged online admissions.
- (vii) Used open source software to prepare faculty and student time-tables for the academic year 2021-22.

(viii) In order to utilize to a maximum the digital lab equipment, virtual and digital classrooms procured under RUSA 2.0 scheme, each faculty member was asked to take classes at least twice a week by using the equipment effectively.

(ix) **G Suite accounts:**

College had subscribed to Google for education. Each faculty member and each department is provided with a G Suite account. Faculty, HoDs, coordinators of the various cells / committees / clubs and organizers of department fests and occasions / special days to plan activities, execute and document them and make them available in the department drives for access to updated data at any time.

Criterion V - Student Support and Progression:

Apart from the excellent infrastructure and academic ambience students enjoy on campus, schemes such as mid-day meals and book bank, practices such as a week-long induction programme for freshers, leadership workshops, mentoring, counselling, remedial coaching and career guidance. Scholarships, both from the government and management sources, are provided for the economically challenged.

(i) A week-long induction programme for freshers, 'Student Induction Programme' was conducted during 21st Sept. – 26th Sept. 2020.

Resource Persons:

Dr. Girija Nambiar, Dean, Planning & Communication - Glory of Maris Stella

Dr. C. Krishnaveni, IQAC Coordinator - Curriculum

Dr. Ayodhya, Psychiatrist, Sri Manasa Psychiatrist Hospital, Vijayawada - Stress management

Dr. Ramakrishna, Head, Dept. of Sanskrit - Way to Progress

Dr. A.Y Rao, Professor, Department of Radiotherapy, Government General Hospital, Guntur - Health & Hygiene during Covid-19

Ms. Bhooma G Veeravalli IRPS, Senior Deputy General Manager & Chief Vigilance Officer, Southern Railway - Beyond the beaten track!

Dr. Sr. Innyasamma, Vice-Principal - Mentoring

Moderator- Dr. Fr. Don Bosco, Post- Doctoral Researcher, Talitakumi, Belgium -

Panel Discussion: Climate Change-Role of Youth

Mrs. Vijayalakshmi, Alumna, Retired Chief Superintendent, South Central Railways, Chennai - Importance of English

Sr. Lavanya, Dean of Student Affairs - Mind Techniques

Dr. Saritha, Deputy Superintendent of Police, Guntur West - Cyber Crime-Safety Measures

Ms.Visala & Ms.Kalyani, Librarians - Library

Number of beneficiaries: 320

- (ii) The Department. of Commerce & Management Studies initiated a programme 'Talk with Women Entrepreneurs' with the objective of providing a platform for students to interact with women entrepreneurs in Vijayawada on 23rd November, 2020.

Resource person:

Ms. Aparna, CEO of Aparna Jute, Vijayawada

Number of beneficiaries: 450

- (iii) Applied for programmes by the U.S. Consulate: Study of United States Institute (SUSI) for Student Leaders and reading programmes by the Regional English Language Office at the U.S. Embassy.

Three students have been shortlisted for the U.S. govt. sponsored SUSI Programme for student leaders and two of them were selected for the same.

30 students successfully completed a ten-week Academic Readiness Boot Camp programme offered by the Regional English Language Office, U.S. Embassy, New Delhi in collaboration with Indiana University, USA.

- (iv) The IQAC in collaboration with Youth4Jobs organized online International Day of Persons With Disabilities Day-Career Guidance Workshop on 3rd December 2020.

Topics Covered: Importance of Disability Day, Attending Competitive Exams, Tips to clear exams, Tips to clear interviews.

Resource persons:

(a) Dr. Sr. Innyasamma, Vice-Principal, Maris Stella College

(b) Dr. Sahaya Bhaskara, Coordinator, Higher Education for Persons with special Needs Project, Andhra Loyola College.

(c) Mr Venkata Raghava

(d) Mr. Er M.Sambasiva Rao, Director, Microlink Information Technologies.

Number of beneficiaries: 47

- (v) The department of Commerce & Management Studies organized an Inter-collegiate Online Poster Making Contest on the theme of Gender Equity on 18th Dec. 2020.

Number of participants: 59

- (vi) The department of Computer Science in association with the IQAC organized a State Level Webinar on 'Awareness of Trends in Technology' on 1st Feb, 2021

Resource Person:

U. Siva Lalitha, CEO & Founder, Hypo Techno Solutions.

Number of beneficiaries: 500

- (vii) The department of Chemistry in association with the IQAC organized an 'Awareness Programme on Gender Equity' on 4th and 5th Feb, 2021 in the College Auditorium

(a) Dr. Narayana Rao Battu, M.L.Ph.D. ILS, Joint Secretary & Legislative Counsel to the Government of India Legislative Department, Ministry of Law and Justice spoke about the judicial facts of gender equity.

(b) An elocution competition was conducted on Gender Equity with the topics (i) Gender equality – Indian Constitution (ii) Gender concerns in designing and implementing development programmes (iii) Participation of women in Indian politics for 3rd year students and a cash prize of Rs 2000 sponsored by Dr. C. Krishnaveni, IQAC coordinator was distributed to the winners.

Number of beneficiaries: 300.

(viii) The Career Guidance and Placement Cell organized one day workshop on 'Resume Building' for final year students on 11th Feb. 2021.

Resource person:

Lingeshwara Prasad, Chief Executive, Lingeshwar Informatrix

Number of beneficiaries: 430

(ix) The Deans, student affairs organized a workshop on 'Leadership' on 23rd Mar. 2021

Resource Person:

Rev. Fr. Bala Bollineni S J, Founder-Director, YES-J & Counselling Psychologist.

No. of beneficiaries: 102

(x) The IQAC provided students with the basic knowledge about the advanced technologies that will be taught to them in the upcoming future through the ICT Academy Skill Edge Program. The list of the students who completed Skill Edge courses during 2020-21:

S. No.	Name	Group	Register No.	Course 1	Course 2
1	M.V.Sumanjali	III B.Sc. (MSCs)	1834T06	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
2	CH.Naga Sri Vani	I B.Sc. (MECs)	1432030611	Getting started with Robotic Process Automation click here	
3	T.P.Sravani	I B.Sc. (MECs)	1432030603	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
4	B.Tejaswi	I B.Sc. (MECs)	1432030604	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
5	Sk. Sabiha Sultana	III B.Sc. (MECs)	1836H05	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here

6	J.Anusha	III B.Sc. (MSCs)	1834T29		Principles of Design Thinking click here
7	Mounika Endla	III B.Sc. (MSCs)	1834H02	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
8	M.Sree Roshitha	I B.Sc. (MPCs)	1432030312	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
9	Shaik Rizvana Tahasin	I B.Sc. (MPCs)	1432030320		Principles of Design Thinking click here
10	B.Sravani	III B.Sc. (MPCs)	1833H05	Getting started with Robotic Process Automation click here	
11	Kavuri Vineetha	I B.Sc. (MSCs)	1432030403		Principles of Design Thinking click here
12	B.Kasthuri	III B.Sc. (MPCs)	1833S10	Getting started with Robotic Process Automation click here	
13	MVS Amulya	III B.Sc. (MECs)	1836H02	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
14	G.Leena	II BCAP	1923T05	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
15	Sodisetty Mounica	B.Sc. (MSCs)	1834S06	Getting started with Robotic Process Automation click here	Principles of Design Thinking click here
16	G.Haveela	I B.Sc. (MSCs)	1432030405	Introduction to Cyber Security click here	
				Getting started with Robotic Process Automation click here	Principles of Design Thinking click here

(xi) Training programmes/Literary/Cultural events organized:

Training programmes for students held: 9;

Literary & Cultural Events: 21;

Programmes on Gender Equity: 5;

Programmes on Entrepreneurship: 2.

(xii) Career Counselling & Placements:

Coaching is being taking place through IAS integrated programme and training programmes by the ICT academy.

(a) No. of Career Counselling activities: 5;

(b) No. of Students trained: UG - 406, PG - 62;

(c) No. of Students placed through on/off Campus drives: 165

In all, 174 students were offered placement by companies such as Infosys, Wipro, TCS, Nobel Institute of Communicative English Charitable Trust, Bright Star Educational Trust, Refine Edge, Spandhana Spoorthi Financial Services Ltd., Al Wasi IT Solutions and Oakya Solutions Private Limited.

(xiii) Internships:

(a) Two-week Online Internship on 'E-Filing of Returns' from 2nd February, 2021 - 39 students of B.Com (General & TPP).

(b) Four-week Internship at Novotel Varun Vijayawada from 12th April, 2021 - 6 students of the Dept. of Tourism & Travel Management.

(c) Three-week Internship at S.K. Happy Tripz, Vijaywada from 23rd April, 2021 - 3 students of the Dept. of Tourism & Travel Management.

(d) 4 students of the Dept. of Business Administration completed internships with different organizations between August 2020 and May 2021.

(e) 3 students of Journalism also completed internships successfully. The students of Journalism also produced a documentary on the tribal villages of Dandakaranya, East Godavari Dist., as a major project.

(f) Rishitha Jaladi completed 180 days as an Intern Journalist at Radiant Awadh Lucknow News Live from 21st June to 21st Dec. 2020. She also interned at Winray Infotech as a Content Analyst from 21st July to 20th Aug. 2020.

(g) P. Diana Maria completed a Sales Internship with Private Court, Mumbai from 30th Oct. to 29th Nov. 2020. She was also engaged as an Intern with Beat the Virus from 6th Nov. 2020 to 28th Jan. 2021 and did outstanding work as a Corona Warrior.

(h) Milcah Anila Ragala also completed 180 days as an Intern Journalist at Radiant Awadh Lucknow News Live.

- (i) Neeharika Vericharla completed a Graduate Rotational Internship Programme at The Sparks Foundation during the session Nov. 2020 – Dec. 2020. She also interned with Badlav Seva Samiti for two months ending 7th Dec. 2021.

(xiv) Industrial Tours and Camps:

The Dept. of Tourism organized an industrial tour to Novotel Varun, Vijayawada on 15th March 2021. The 21 students of final year Tourism were accompanied by the faculty of the department.

Criterion VI - Governance, Leadership and Management:

With the grant of \$5000 received from the United Board for Christian Higher Education in Asia, an American organization that is committed to whole person education, the college was able to organize 5 faculty development programmes.

- (1) The IQAC organized following scheduled FDPs sponsored by the United Board for Christian Higher Education India Asia:

- (i) Five-day National Webinar on ‘Digital Workshop on Outcome Based Education: Teaching and Learning Online and Measuring Outcome Attainment’ in collaboration with the Teaching Learning Enhancement Cell, CHRIST (Deemed to be University), Bangalore on June 8, 9, 15, 16, and 19, 2020.

Resource Persons:

- (a) Dr. Suparna Majumdar Kar, Associate Professor, Department of Sociology & Social Work, CHRIST University, Bengaluru

- (b) Dr. Sweta Mukherjee, Associate Professor, Department of English, CHRIST University, Bengaluru.

Number of beneficiaries: 90.

- (ii) Five-day online workshop for faculty on ‘Question Bank Preparation and Validation’ during 31.08.2020 - 04.09.2020.

Resource Persons:

- (a) Dr. Lethi, Retired Faculty

- (b) Dr. Mercy Pushpalatha, Programme Consultant – South Asia, United Board

Number of beneficiaries: 90.

- (iii) Five-day online workshop on ‘Formal written Communication’ in collaboration with the Teaching Learning Enhancement Cell, CHRIST (Deemed to be University), Bangalore during 19-23 Oct 2020.

Resource Persons:

- (a) Dr. Sweta Mukherjee, Assistant Professor, Dept. of English & Cultural Studies, Christ University, Bengaluru

(b) Dr. Christine Ann Thomas, Assistant Professor, Dept. of English & Cultural Studies, Christ University, Bengaluru

(c) Dr. Sumanjari S, Assistant Professor, Dept. of English & Cultural Studies, Christ University, Bengaluru

(d) Dr. Tabitha Chekuri, Associate Professor, Dept. of Humanities and Social Sciences Mahindra University École Centrale, School of Engineering, Hyderabad.

Number of beneficiaries: 90.

(iv) Two-day online Workshop for Faculty on 'Service Learning' during 11th and 12th Jan 2021.

Resource Persons:

(a) Dr. Mercy Pushpalatha, Programme Consultant – South Asia, United Board

(b) Dr. Victor Paul, Professor, Sociology & Social Work, School of Social Sciences, Christ University, Bengaluru

(c) Dr. A. S. Priscilla, Asst. Professor, Dept. of Zoology, Lady Doak College, Madurai

Number of beneficiaries: 90.

(v) Two-day online workshop on 'Capacity Building in Higher Education' during 5th and 6th March 2021.

Resource Persons:

(a) Dr. Maher Spurgeon, Consultant, Director of South Asia Programs, United Board, Chennai.

(b) Dr. Wilson, Principal, Madras Christian College, Chennai, TN.

(2) The IQAC, the various Departments and Cells / Committees in association with the IQAC organized the following training programmes, workshops, webinars etc. for the faculty:

(i) The departments of Political Science and Journalism in association with the

IQAC organized National Webinar: 3 Day Faculty Development Programme on Mentoring Skills from 1st June - 3rd June, 2020.

Resource person:

Dr. Abhay Singh, Directorate of Civilian Personnel Services (Pay & Pension)

Integrated Headquarters of Ministry of Defence (Navy), New Delhi-110011

Number of beneficiaries: 428.

(ii) The Department of Computer Science in association with the IQAC organized a three-day online workshop for faculty on 'Office Automation Tools' during 21st - 23rd July, 2020.

Resource persons:

- (a) Ms. Roja Prescilla, Head, Dept. of Computer Science
- (b) Ms. Vidhyavathi, Dept. of Computer Science
- (c) Ms. Lydia, Dept. of Computer Science
- (d) Ms. Manasa, Dept. of Computer Science
- (e) Ms. Malathi, Dept. of Computer Science
- (f) Ms. K. Sravani, Dept. of Computer Science

Number of beneficiaries: 85.

- (iii) The IQAC organized five-day online workshop for faculty on 'Digital Assessment through Examineer Software' during 17th-21st Aug, 2020

Resource persons:

- (a) Ms. V. Sudha Devi, Head, PG Dept. of Mathematics
- (b) Ms. K.H. Anuhya, Vice Principal, Head, Dept. of Electronics
- (c) Dr. K. Sarvani, Head, Dept. of Commerce & Management Studies
- (d) Ms. A. Jyothsna., Head, Dept. of Political Science
- (e) Ms. J. Lasina, Head, Dept. of Biotechnology

Number of beneficiaries: 79.

- (iv) The Women Empowerment Cell organized a Two-day National Webinar on 'Impact of COVID -19 on Women' on 10th & 11th Dec. 2020.

Resource person:

Prof. Ch. Swaroopa Rani, Mahayana Buddhist Studies, Acharya Nagarjuna University.

Number of beneficiaries: 50.

- (v) Provided training programmes for faculty in association with the ICT Academy to improve skilled competency.

The list of faculty who successfully completed the programmes through ICT Academy:

Name of the Faculty	Department	Name of the programme	Duration	Date
Dr. Alice Jayapradha	Biochemistry	Digital Teaching Techniques	6 days	18-01-2021 to 23-01-2021
Dr. Aruna	Commerce and Management Studies	Digital Teaching Techniques	6 days	18-01-2021 to 23-01-2021
Ms. Sarala	Electronics	Digital Teaching Techniques	6 days	18-01-2021 to 23-01-2021
Sr. Sahaya Mary	Social Work	Stress Management	5 days	23-03-2021 to 27-03-2021

C. Hari Manasa	Computer Science	Stress Management	5 days	23-03-2021 to 27-03-2021
P. Malathi	Computer Science	Angular JS	5 days	24-05-2021 to 28-05-2021

(3) For non-teaching staff:

The IQAC Conducted awareness and training programmes for non-teaching staff:

- (i) One-day workshop on 'Balance Life and Work' for the support staff was organized by the IQAC on the 4th November 2020 from 10.00 am to 4.00 pm in the audio-visual room.

Resource Person:

Rev. Fr. Bala Kumar, S.J., Youth Director, Andhra Loyola College, Vijayawada.

No. of beneficiaries: 28.

- (ii) One-day training programme on 'Professional Values, Ethics and Interpersonal Relationship in Work Quality and Service Delivery' for the support staff was organized by the IQAC on the 13th Feb. 2021.

No. of beneficiaries: 28.

(4) Digital Policy:

Digital Policy was prepared, placed it in the Governing body meeting for the approval and displayed it on the College website.

(5) Alumnae Support:

Alumnae Association provides financial and non-financial support for the development of the institution from time to time. This year Rs. 4, 67, 500 worth amount has been generated from the Alumnae Association.

(6) Monitoring Committee:

A Monitoring Committee was constituted by the IQAC in the academic year 2020-21 to monitor adherence to the prescribed code of conduct for staff and students and appoint the IQAC coordinator as the coordinator.

The IQAC prepares annual action plans to create awareness on the code of conduct through awareness programmes, motivational sessions and guest lectures for the staff and students and monitoring committee monitors adherence to the code of conduct.

The Composition:

Principal, Chairperson;

Vice-Principals;

Dean, Planning and Communication;

Dean, Administration;

Deans, Student Affairs;
Controller of Examinations;
IQAC Coordinator - **Coordinator**

Criterion VII - Institutional Values and Best Practices:

(1) Initiated a greening programme on the campus:

- (i) The IQAC organized a workshop for faculty on 'Climate Change Education' on 8th Mar. 2021 in collaboration with 'The Climate Reality Project India' and registered for the 'Green Campus Programme' as an initiative for a greening programme on campus.

Topic: Green Campus Measures

Resource Persons:

- (a) Mr. Rakesh Kamal, Co-Founder Suno India, Mentor at Climate Reality

Topic: Climate Change

- (b) Ms. Sheetal Antil, Program Manager, Climate Education and Campaigns, The Climate Reality Project India

Number of beneficiaries: 30.

- (ii) 200 students have been registered for the Eco Ambassador Certificate Programme on 'Environmental Awareness' conducted by the Eco Club, Maris Stella College, from 12.03.2021 to 20.04.2021 and 170 of them have successfully completed the programme and received the certificates.

- (iii) The department of Botany undertook a Plantation Programme between 29th July and 15th Oct. 2020. 100 saplings were planted on the college campus. Together with the Eco Club, the department undertook a Clean and Green programme on the campus on 10th Sept. 2020.

No. of participants: 100.

The department of Botany also organized an Awareness Programme on Eco-Friendly Celebration of Ganesh Chaturthi on 21st Sept. 2020 and Vinayaka Pooja Patri were distributed to the faculty.

- (2) The Dept. of Commerce & Management Studies organized an Inter-collegiate Online Poster Making Contest on the theme of Gender Equity on 18th Dec. 2020.

Number of participants: 59.

The department of Commerce & Management Studies organized a National Webinar on 'Green Accounting Practices in India' on 26th March 2021.

- (3) The department of Chemistry held a Drawing & Painting Competition on 'Water Consumption and Management / Water Conservation Methods' on 22nd March 2021 in

which 15 students competed. This was followed by an Awareness Programme on 'Safe Drinking Water' on the same day. Mr. Krishna Mohan Mullapudi, DEE, R&B, Retd. Civil Engineer was the resource person for the awareness programme. There were 300 student participants.

- (4) The MSC campus flora was given QR codes during 2020-21. The department of Botany initiated this programme and around 100 plants on the campus were given QR codes to bring awareness on scientific and vernacular names of the plants and their significance.
- (5) The department of Mathematics and PG department of Business Administration in association with the IQAC organized an International Webinar on 'Breaking the Glass Ceiling – Rise of Women as Leaders' on 8th Mar. 2021

Resource Persons:

- (a) Dr. Shoba Zacharia, Former Dean, Majan University College, Founder- CEO Catalyst Solutions, Sultanate of Oman
- (b) Mrs. Sunitha Lal, CHRO, Ather Energy, Bengaluru, Karnataka
- (c) Padmasree Warrior, Alumna and Former CTO Cisco and Motorola and CEO of NIO USA, and eminent woman technologist speaker.

Number of beneficiaries: 61.

- (6) The Eco Ambassadors and the IQAC in collaboration with Talithakumi Unnathi organized Poster Contest on Climate Change & My Mother Earth on 15th April 2021.

Number of beneficiaries: 87.

The Eco Ambassadors and the IQAC in collaboration with Talithakumi Unnathi organized National Webinar on "Climate Change and Next Gen Leadership" on 16th April 2021.

Resource Persons:

- (a) Maj Gen M. K. Bindal, Executive Director, NIDM
- (b) Dr. Kumar Raka, Programme Officer, CCDRR, NIDM
- (c) Dr. G. Little Flower, HoD, Department of Physics, Maris Stella College
- (d) Ms. Sudheshna Chatterjee, CEO, Action for Children's Environments (ACE), New Delhi

Number of beneficiaries: 200.

- (7) The Eco Ambassadors in association with the IQAC celebrated "International Earth Day" on 20th April, 2021.

Resource Persons:

- (a) AVSRK. Appana, District Forest Officer, Krishna Division, Vijayawada.
- (b) Shri. Ray Kancharla, Climate Activist & Researcher, Humanitarian & Development Strategic Planner

Number of beneficiaries: 120

- (8) The departments in association with the IQAC celebrated days of national and international significance, commemorative and national festivals:

NCC Naval & Army wing celebrated the **21st Anniversary of the Kargil War** on 26th July 2020 with the following activities: (a) Online National pledge taking ceremony (b) Video on National War Memorial (c).Video on National War Kargil (d) Video on Param Vir Chakra awardees in the Kargil War.

The NCC units not only took a Fitness Oath to mark the **International Yoga Day** on 21st June 2020, but also created YouTube videos: 11 cadets, other videos: 16 cadets, images: 39 cadets, pledge:72 cadets. As many as 73 cadets were awarded Ayush Yoga Certificates.

Independence Day Celebrations were organized by the NCC, as also **Flag Day** on 30th Nov.2020 **Indian Navy Day** on 4th Dec. 2020 and **Martyrs' Day** on 30th Jan. 2021.

40 NCC cadets were certified in online courses on Covid-19. 10 cadets and the ANO took part in YOGDAN.

World Population Day, July 11th was observed by the Dept. of Economics. A quiz, debate, poster contest and a guest lecture were organized on the occasion.

International Yoga Day celebrations were organized by the Dept. of Commerce on 21st June 2020. Live yoga sessions were held. The speakers on the occasion were Mrs. Nirmala, Yoga Instructor and Mr. I Shri Dharana, Yoga Trainer and Therapist.

National Statistics Day was celebrated by the Dept. of Statistics on 29th June 2020. The department held a State-level Quiz in which 100 students participated.

World Humanity Day was observed by the Dept. of Microbiology on 19th Aug. 2020 by organizing an awareness programme on Immunity Boosting Foods against Covid -19 and distributing fruits to children at Sisubhavan.

National Sports Day was marked by the Dept. of Physical Education on 29th Aug. 2020

Teachers's Day, 5th Sept. was celebrated virtually. The students put up an entertainment programme in honour of their teachers.

On the **Feast of Mary**, 8th Sept, also observed as the Feast of Maris Stella, a sumptuous meal was arranged for the Support Staff in appreciation of their services.

The college responded to a tweet from the Hon'ble Prime Minister of India on 8th October 2020, highlighting the three messages 'Wear Mask, Follow Physical Distancing and Maintain Hand Hygiene' by joining the **Jan Andolan Campaign on Covid 19**.

Maris Stella College, in collaboration with Youth4Jobs, Hyderabad, held a programme on 3rd Dec. 2020 to mark **International Disability Day**.

Christmas celebrations were held on 21st Dec. in the auditorium.

World Hindi Day was celebrated by the Dept. of Hindi on 11th Jan. 2021. T. Saroj Kumar Yadav, Translation Officer, ESIC Regional Office, Panchdeep Bhawan, Gunadala, delivered a guest lecture on 'The Importance of Hindi Language in the Present Scenario'. There were 150 participants. Competitions were held in Poster Presentation and Essay Writing.

360 students and 3 faculty joined virtually the Reading of the Preamble by the President of India on the eve of **National Constitution Day** on 26th Nov. 2020. A National Level Online Quiz was also held as part of the celebration. 965 students participated.

A guest lecture was held on **International Human Rights Day** on 10th Dec. 2020 with 263 participants. An elocution competition and a guest lecture were organized on **National Voters Day** on 25th Jan. 2021. 16 students participated in the elocution. The guest lecture was attended by 550 students and 3 faculty. 21 students participated in a Poster Presentation Competition held on the occasion of **Dr. B. R. Ambedkar Jayanthi** on 10th April 2021. Student seminars were also held in which there were 17 participants. These activities were initiatives of the Dept. of Political Science.

Activities to mark **World AIDS Day** on 1st Dec. 2020 and World Cancer Day on 4th Feb. 2021 were organized by the Dept. of Zoology.

National Mathematics Day on 22nd Dec. 2020 was celebrated by the Dept. of Mathematics. **National Consumers Day** on 24th Dec. 2020 was marked by the Dept. of Business Administration.

The NSS celebrated **National Youth Day** on 12th Jan. 2021.

The Dept. of Economics organized a guest lecture in connection with **International Day of Education** on 24th Jan. 2021. There were 300 participants.

Republic Day celebrations were organized by the Depts. of History and Travel & Tourism Development. Mr. Ram Lakshman, District Tourism Development Officer, Krishna District, APTDC was the Chief Guest at the Republic Day celebrations. There were 250 participants.

On the **Birth Anniversary of Sarojini Naidu** on 12th Feb. 2021, the Dept. of History held a talk by Ms. D. Brahmeswari, Head, Dept. of Humanities (Retd.) St Theresa's Degree College, Eluru. There were 250 participants.

As part of the celebration of **75 years of Indian Independence**, '**Azadi ka Amruth Mahotsav**' an initiative of the UGC (Online/Offline), the Department organized an Essay Writing Competition on The Outstanding Contribution of Women to the Indian Freedom Struggle on 24th March, 2021. There were 12 competitors.

The following day, 25th March, 8 students participated in an Elocution Competition on the topic '**A Critical Analysis of Gandhi in the Freedom Struggle**'.

The department also held a guest lecture on '**The Role of Women in the Freedom Struggle**' by Dr. I. Lakshmi, Head, Dept. of History (Retd.) Osmania University, Hyderabad, Telangana on 27th March, 2021. 250 students participated.

The Dept. of Physics held **National Science Week** Celebrations-2021 from the 19th to 27th Feb, 2021 as part of which guest lectures were held on '**World Energy Needs and Nuclear Power**' and on '**Controllable and Uncontrollable Factors**' on 19th Feb, 2021. Prof. Madhavi Sankar, alumna, Atomic Minerals, Directorate for exploration & Research, Department of Atomic Energy, Bangalore. Mr. Vishnu M.Tech, IIT M Chennai were the speakers addressing an audience of 450. A third online guest lecture on '**Research Opportunities in Promising Scientific Fields**' was held on 26th Feb. with Ms. Jyothi Lingala, from Purdue University, USA delivering the talk to 450 students.

A students' debate on '**The Greatest Contributions to Society Comes from Science or Technology**' was also organized on the same day. The presentations by the six participants was moderated by Dr. Little Flower. A PowerPoint presentation competition on '**The Scientific Innovation that I Admire the Most**' with 15 students competing as 80 others watched and learnt brought the celebrations to a close.

To mark **World Cancer Day**, the Dept. of Zoology conducted an Awareness Programme on 4th Feb. 2021. The speaker was Dr. A. Y. Rao, Professor, Govt. Medical College and General Hospital, Guntur.

World Water Day, 22nd March, was observed by the Dept. of Chemistry with an Awareness Programme and a Drawing & Painting Competition on the theme of water conservation.

The Languages departments celebrated **International Mother Tongue Day** by organizing a Quiz in which 200 participants joined, on 20th Feb. 2021.

In connection with **World Obesity Day** on 4th March 2021, a team of doctors from Ramesh Hospital held an awareness cum medical check-up programme for the staff.

OTHER QUALITY INITIATIVES:

(1) Internal Academic and Administrative Audit:

The IQAC of the college conducted an Internal Academic and Administrative Audit (online) for the academic year 2020-21 to review the quality of the academic process in the college and to evaluate effectiveness of the administrative procedures from 26.04.2021 to 28.04.2021.

The IQAC formulated a new format, 'Departmental Data', a self-study report from each department, of its performance during the academic year 2020-21 on curricular aspects, teaching, learning & evaluation, research, innovation & extension, student support & progression, best practices & distinctiveness. The intention was to facilitate self-assessment in each of these fields. The departments completed the process and submitted their reports with links to valid documents to support claims. Report was prepared with observations and suggestions and was displayed on the College website.

(2) Coordinators for each criterion:

Appointed coordinators for each criterion for RAF A & A to prepare strategies and plan of action for re-assessment & re-accreditation in 2022:

- Criterion I – Dr. Sr. Innyasamma;
- Criterion II – Dr. C. Krishnaveni;
- Criterion III – Dr. K. Naga Sundari;
- Criterion IV – Ms. K. H. Anuhya;
- Criterion V – Dr. Sr. Lavanya;
- Criterion VI – Dr. Girija Nambiar;
- Criterion VII – Ms. V. Sudha Devi;

Dr. Girija Nambiar, the Dean, Planning & Communication prepared a three-year and a five-year '10 Plans Strategic Document' for the periods 2019-22 and 2019-24 along with the plans of action.

(3) (a) Participated in India Today rankings and NIRF.

(b) Feedback: The feedback which was collected from students, faculty, parents, alumna and employers was analysed and prepared ATR.

(c) IQAC External Peer Team Visit: The IQAC External three member Peer Team consisting of Dr. Fr. Francis Xavier. S.J, Director, Institute of Engineering & Technology, Andhra Loyola College, Dr. Saraswathi Raju Iyer, Head, Department of Sociology and Social Work, and IQAC Coordinator, Acharya Nagarjuna University and Dr. D. Bala Krishna, Principal (I/C), AG & SG Siddhartha Arts and Science, Uyyur

visited the college on 22.04.2021 to review the functioning of the statutory bodies of the college, check the documentation of the various bodies and processes and interact with the management and faculty.

(d) Covid-19 initiatives:

Representatives of college management, staff and students, with the support of the authorities, visited three shelter homes in Vijayawada to distribute kits comprising bedsheet, towel, toothpaste, soap, detergent and hair oil to migrant workers and needy persons housed there.

The college, with the help of contributions from faculty, both in service and retired, distributed 150 packs of groceries to supplement the rice given to the needy by the government so that they could cook a meal.

The main Rythu Bazaars (farmers' markets) have been split into smaller units by the municipal authorities to prevent crowding. One such unit operated at Maris Stella campus to cater to the neighbourhood.

The indoor stadium was used for distribution of ration.

The cadets of the two wings of NCC, army and navy created videos urging the public to join the PM's call for a Janata Curfew. The cadets won appreciation from the Commanding Officer for their initiative.

Students have also made videos to raise awareness of safety protocol against the virus and posted them on social media platforms.

The college offered the use of twenty classrooms for quarantining, if needed.

In order to ensure the mental and psychological well-being of students, the college is making use of its very organised mentoring system. Every student in college has a teacher as mentor.

Even before the Commissionerate of Education passed directions to take up mentoring, our mentors were in contact with their mentees online, ensuring their well-being and extending mental support to ride the corona storm.

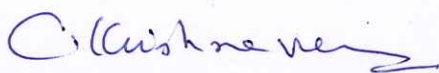
The college held several training programmes through the academic year 2019-20 to train faculty in the use of ICT in teaching. Besides, almost all members of faculty have made use of suspension of classes due to Covid-19 to complete online courses in Video


Content Creation and the use of MOODLE platform. Some others have finished online professional development courses during this period.

The college is one of the first institutions to hold proctored exams online, after taking care to hold practice runs to acclimatise students.

Many departments of the college initiated their own outreach programmes for Covid-19 relief. After vaccinations became available, several vaccination drives have been organized for the campus community as well as for the public. One of the alumnae made available free supplies of vaccines for public use.

The institution had resolved to adapt, innovate and recreate in order to address the challenges posed by Covid-19 and do the best to offer uninterrupted services in education to our students and community.


IQAC Coordinator
Maris Stella College
Vijayawada - 520 008.


PRINCIPAL
MARIS STELLA COLLEGE
VIJAYAWADA-520 008