

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA
A College with Potential for Excellence
NAAC Accredited and ISO 9001:2015 Certified
Annual Report: 2020-21

The academic year 2021 began on 3rd Aug, 2020 with an online inaugural session. Parents were also invited as all classes were to be held online and the new policies and guidelines governing online teaching- learning needed a clear understanding and cooperation from the family, too, in order to ensure success.

Semester I began on 21st Sept 2020 with a week-long Student Induction Programme from 21st to 26th Sept. followed by a bridge course from 28th Sept. to 3rd Oct. 2020.

Retirements:

Dr. V. Satya Sudha retired on 31st Dec. 2020 after 29 years of service to the institution as faculty of the Dept. of English and as HoD from 2018 to 2020. The college is grateful to her for all that she has given to the institution during her tenure. May she enjoy a well-earned retirement with her family and friends.

Appointments:

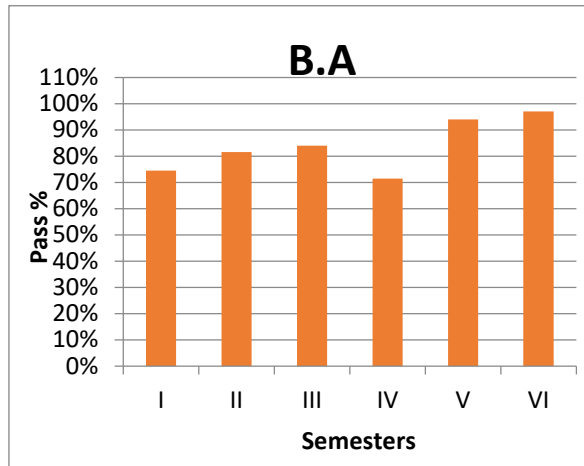
Dr. Krishnaveni took over as IQAC Coordinator from Dr. Little Flower who served as Coordinator from 2016 –2020. Her services in sustaining and promoting quality in the institution are appreciated.

Results:

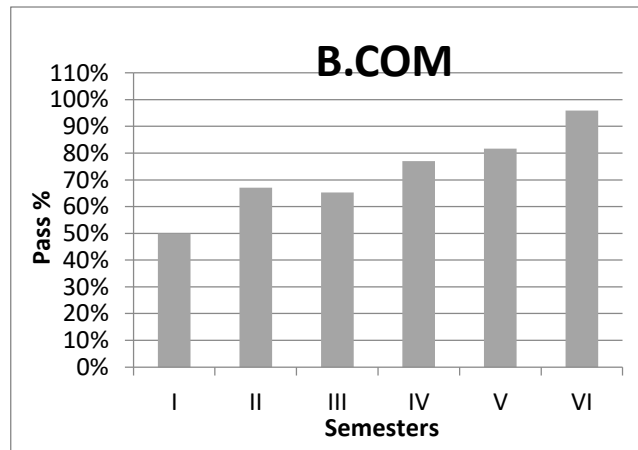
All Intermediate students were declared passed by the Board of Intermediate. Degree programmes registered the following results: B.A. 95.10%, B. Com. 91.78%, BMS 93.10% and B.Sc. 80.83%. The overall percentage was 86.38. The results of the PG programmes have not been announced by the university.

2018 Batch:

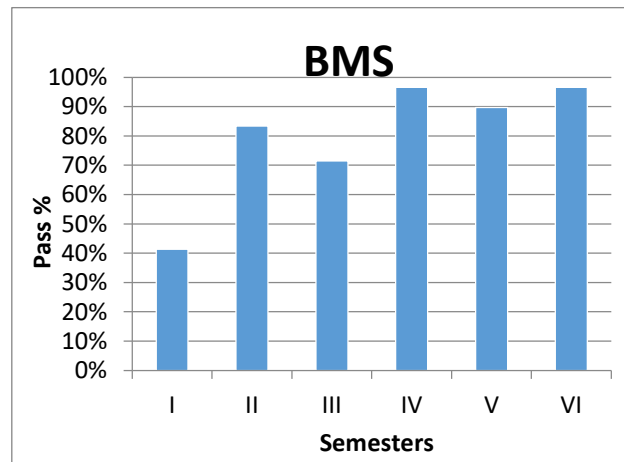
B.A			
Semesters	App.	Pass	Pass%
I	110	82	74.55%
II	103	84	81.55%
III	100	84	84.00%
IV	105	75	71.43%
V	101	95	94.06%
VI	102	99	97.06%



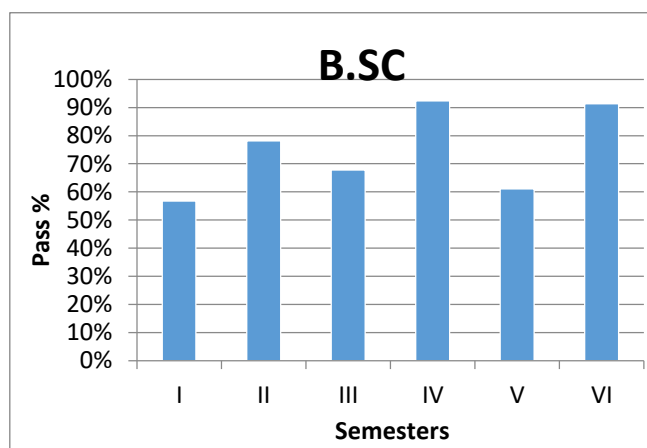
B.COM			
Semesters	App.	Pass	Pass%
I	80	40	50.00%
II	73	49	67.12%
III	72	47	65.28%
IV	74	57	77.03%
V	71	58	81.69%
VI	73	70	95.89%



BMS			
Semesters	App.	Pass	Pass%
I	29	12	41.38%
II	30	25	83.33%
III	28	20	71.43%
IV	29	28	96.55%
V	29	26	89.66%
VI	29	28	96.55%



B.SC			
Semesters	App.	Pass	Pass%
I	291	165	56.70%
II	270	211	78.15%
III	261	177	67.82%
IV	262	242	92.37%
V	262	160	61.07%
VI	266	243	91.35%



New programmes:

The following programmes were introduced in the academic year 2020-21:

B. Sc. Programmes:

- Food Science & Technology, Microbiology, Biochemistry
- Agriculture & Rural Development

Commerce and Business Administration Programmes:

- BBA (Digital Marketing)
- Aviation & Hotel Administration

Curriculum revision:

Curriculum has been revised across all programmes with effect from the academic year 2020-21. It is aligned with the UGC and the Andhra Pradesh State Higher Education prescribed curriculum.

The revised curriculum adopted in 2020 has initiated outcome-based education and introduced the 2018 Revised Bloom's Taxonomy after intensive training of faculty for institutional learning. The curriculum structure includes Languages, Core Courses, Life Skills and Skill Development Courses, Community Service, Internships, Extra-curricular Activities and Certificate Courses.

Grants received:

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 7 faculty development programmes.

With the 2cr grant from RUSA 2.0, only the construction of a new block is incomplete. All other works under the scheme have been completed: the PG Block (H Block) has been renovated. The college has been provided with equipment for three Virtual Classrooms, one Digital cum Virtual Classroom, one Digital Lab and E-Campus Management Software. Scientific Lab Equipment has been procured to strengthen the laboratories.

New MoUs:

10 new MoUs have been signed during the year with various organizations for academic collaboration and skill development:

The Global Institute of Professional Studies and Educational Society for support to the programme in Agriculture.

Takshasila IAS Academy for the integrated UG programme tailored for success in competitive examinations.

Bajaj Finserv Limited for CPBFI training.

Higher Education for Persons with Special Needs (HEPSN) for collaborative activities to assist students with special needs.

Novotel Varun Vijayawada for internships and industrial visits for students of Travel & Tourism Management.

Vasavya Mahila Mandali (VMM) to collaborate with the Million Minds project for awareness and action against domestic violence.

Shivashakti Biotechnologies for internship and skill development opportunities to students of biological sciences.

Radha Madhav Automobiles Pvt Ltd, Vijayawada for car driving and organic gardening skills.

ICT Academy for collaborative activities in the field of ICT.

DELNET for the use of their Archives and Services, Union Catalogues and other database online resources.

Research:

Sr. Dr. 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

Paper Presentations:

17 research papers were presented by faculty members at various conferences and seminars during the year.

Dr. D. Ramakrishna, Dept. of Sanskrit, presented 2 papers:

- 'Human Values According to Ushasri's Views Based upon his Works' at the National Seminar on 'Manava Viluvalu- Ushasri Margam' held at Maris Stella College on 13th June 2020
- 'Vrushadhpa Satakaanu Seelanamu' at the International Webinar on 'Veyyella Telugu Sataka Sahityam – Samalochana' held by the Benaras Hindu University, Benaras and Janudi Centre for Literature & Arts, Ongole on 23rd-24th Oct. 2020

Dr. K. Swaroop Kumar, Dept. of Economics:

- Issues and Challenges of Lockdown on Migrant Labour Due to Covid-19 at the One- day National Webinar on 'Recent Trends in Indian Economy: Challenges and Revival Measures' organised by Adikavi Nannaya University, MSN Campus, Kakinada on 26th Aug. 2020

Dr. V. Manga Devi, Dept. of Telugu:

- 'Srikaala Hastheswara Sathakamu- Manavaabudhaya Margamu' at Veyyella Telugu Sataka Sahityam – Samalochana held by the Benaras Hindu University, Benaras and Janudi Centre for Literature & Arts, Ongole on 23rd-24th Oct. 2020
- 'Arishadvargalalo Devayani' at 'Bharateeyam Sahityam - Arishadvargalu' held by Govt. Degree College, Sadasivapeta, Rangareddy Dist. Telangana on 22nd Nov. 2020

Dr. V. Sharon Samyuktha, Dept. of Physics:

- Synthesis, Characterization and Dielectric Studies of Magnesium Calcium Titanate $Mg(1-x)Ca_xTiO_3$ ($x=0, 0.9$) Ceramics at the Two-day Online National Conference on ‘Advanced Functional Materials’ organised by JNTUA College of Engineering(A), Ananthapuramu, Andhra Pradesh and University College of Engineering & Technology, BTU, Bikaner, Rajasthan on 17th-18th Dec. 2020

Dr. K. Naga Sundari & Dr. G. Malathi, Dept. of Business Administration:

- ‘Contribution of Management Education in Enhancing Skill Sets’ at the International Conference on New Frontiers in Engineering, Science, Law, Management, Humanities and Social Sciences 2020, 2.0 organized by the Eudoxia Research Centre on 28th-29th Dec. 2020

R. Sarala, Dept of Electronics:

- ‘Impact of Covid-19 on Youth’

Dr. K. Naga Sundari, Ms. T. Prameela, Ms. Smitha. K. Gantha and Dr. G. Malathi, Dept. of Business Administration:

- Impact of Covid-19 on Informal Sector – Revival Measures Taken by the Government.

Ms. R. Tulasi, Dept. of Mathematics:

- Impact of Covid -19 on Women in Formal and Informal Sectors

P. B. L. Sirisha Devi, Dept. of Mathematics:

- Impact of Lockdown on Women in Informal Sectors

All the above papers were presented at the Two-Day Virtual National Conference on ‘Impact of Covid-19 on Women in Rural India’ organized by the Dept. of Economics & IQAC, Maris Stella College on 22nd & 23rd Dec. 2020.

Ms. T. Naga Malleswari, Dept. of Commerce:

- GST in India – Growth and Prospects at the National Workshop on Research Challenges in Digital Era organized by the Indian Institute of Management and Commerce on 18th and 19th December 2020.

Ms. P.B.L. Sirisha Devi, Dept. of Mathematics:

- Promoting Incubations Leads Entrepreneurship and Innovation at the UGC sponsored National Webinar on ‘IPR and Start-up India for Innovation in HEIs’ organised by Shri Shivaji College, Parbhani on 1st Feb. 2021.

Dr. Baratha Jyothi, Dept. of Zoology:

- ‘ A Study on Case Report of HIV-T.B Co-infected Adolescents Attending Govt. General Hospital, Vijayawada’ at the International e-Conference on Sustainable Development :A Biological and Socio-economical Perspective organized by the Government Vidarba Institute of Science and Humanities, Amaravati, Maharashtra, India on 26th-27th June, 2020.
- ‘Impact of COVID-19 Pandemic on Children’ at the Virtual National Conference on Impact of Covid-19 on Women in Rural India, organised by the Department of Economics in association with the IQAC, Maris Stella College, Vijayawada on 22nd- 23rd Dec. 2020
- Conquest of Cancer is by Choice not Chance & General Myths & Misconceptions about Cancer at the Two day Online National Conference on Impact of COVID-19 on Lifestyle Disorders held on 26th- 27th Feb. 2021 at Maris Stella College Vijayawada, Andhra Pradesh.

Ms. H. Kanaka Durga, Dept. of Business Management:

- Household Income and Expenditure during Covid-19 at Stand, Start, Strive & Stabilize- Changing Business Scenario at the Two-day International Conference on 19th-20th April, 2021.

One II year MBA student has applied for seed funding from TOCL

Publications:

Despite the disruptions caused by the pandemic, there were 22 publications by faculty in various journals.

Dr. Little Flower, Dept. of Physics:

- Effect of Some Modifier Ions in CuO Doped Sodium Borosilicate Antibacterial Bioglass in Asian Journal of Chemistry, Vol. 33, No. 3, Feb.2021. ISSN 0975-427X (Online) ISSN 0970-7077 (Print). Indexed by SCOPUS.

Dr. C. Krishnaveni et al, Dept. of Mathematics:

- Lattice-Fuzzy Prime-Ideal of a Gamma Near-ring in Journal of Critical Reviews, Vol.7, Issue 13, June 2020. ISSN No: 2394-5125.

Ms. Sabeeha Begum, Dept. of Chemistry:

- An Incidence of a Sudden and Shocking Death of Untended Cows Eat Garbage, Die of Plastic, Metal Waste in Stomach. Who are Culprits in e-Magazine Microbio, Vol I Edition 2 Aug. 2020.

Dr. V. N. Manga Devi, Dept. of Telugu:

- Arishadvarghalalodevayaani in Moksha Sopanalalu. Ed. Dr. S. Baby Ramani, Nov.2020. ISBN 978-93-85132-95-7.

Dr. K. Sarvani & Dr .H. Kanaka Durga, Dept. of Commerce & Management Studies:

- GST Implications on IPR on Goods and Services in India in International Journal of Business, Management and Allied Sciences, Vol.4, Issue1, Feb.2020.

Dr. K. Naga Sundari, Dr. G. Malathi & T. Pramila, Dept. of Business Administration:

- Millennial Managers' Expectations from their Workplace-A Case Study in Academic Leadership (Online Journal) Vol.21 Issue – 07 – July 2020 ISSN: 1533 – 7812.

T. Pramila Dr. K. Naga Sundari, Dr. G. Malathi & Smitha K Ghanta, Dept. of Business Administration:

- Perception and Preferences of Teenagers and Adults towards Branded Cosmetics in Journal of Interdisciplinary Cycle Research ISSN No: 0022 – 1945.
- Consumer Buying Behaviour towards Online Purchase in International Research Journal of Research Vol. 07 Issue 08 Aug. 2020. e-ISSN: 2348-6848. p-ISSN: 2348-795X.

Dr. K. Naga Sundari, Dr. G. Malathi , T. Pramila & Smitha K Ghanta, Dept. of Business Administration:

- Work Life Balance of Women Educators during Covid-19 Pandemic in Mukta Shabd Journal, ISSN No: 2347-3150.
- Millennial Managers' Attitude and Work Life Balance - Case Study in Mukta Shabd Journal, ISSN No: 2347-3150.

Dr. Alice Jayapradha Cheekurthy, Dept. of Biochemistry:

- Predisposition of Obesity through Genetic and Non-Genetic Risk Factors in Journal of Endocrinology Research Vol.02 Issue 02, July 2020

Dr. N. Bharatha Jyothi, Dept. of Zoology:

- Report on Under-Diagnosed Outbreak of Misconceived Acute Undifferentiated Fever with Febrile Illness of Scrub Typhus in MICROBIO an e-magazine, Nehru Yuva Kendra, Thiruvananthapuram, Kerala. Edition 2, Aug. 2020

Dr. Ramana K:

- A Study on the Relationship between Emotional Intelligence and Academic Achievement among Intermediate Students of Krishna District, Andhra Pradesh in AIMS International Journal of Management 14(3), Sept. 2020. ISSN: 1939-7011.

Dr. I. Manideepa et al, Dept. of Microbiology:

- Phylogenetic Characterization of Potential Bioactive Metabolites-Producing Actinomycetes from Mangrove Sediments in International Research Journal of Pharmaceutical Sciences and Research 2020 Vol. 11 Issue12: 6124-6129 Dec.2020. e-ISSN: 0975-8232; p-ISSN: 2320-5148.
- Optimization of Cultural Conditions to Enhance Bioactive Metabolite Production by Streptomyces Olivovercillatus VLK-15 in International Research Journal of Pharmaceutical Sciences and Research 2021 Vol. 121000-07 Issue12: 6124-6129 accepted for publication in Dec.2021. e-ISSN: 0975-8232; p-ISSN: 2320-5148.

Ms. Parveen Syed, Dept. of Statistics:

- A Statistical Analysis of Perception of the People towards Suicidal Tendency in European Journal of Molecular & Clinical Medicine Vol.7, Issue 8. Online ISSN 2515-8260

Ms. V. Javali et al, Dept. of Chemistry:

- Validated Method Development for the Assay of Brexpiprazole in Pharmaceutical Formulations in UGC approved Journal of Emerging Technologies and Innovative Research Vol.7, Issue 11. Nov. 2020. ISSN 2349-5162

Dr. Rajendra Prasad, Dept. of Political Science:

- Grama Panchayat Elections in A.P. State in UGC approved Journal of Emerging Technologies and Innovative Research Vol.8, Issue 3. March 2021. ISSN 2349-5162
- A Study on Urban Local Self Government Elections in A.P. in UGC approved Journal of Emerging Technologies and Innovative Research Vol.8, Issue 4. April 2021. ISSN 2349-5162

Dr. K. Sarvani & Ms. G. Ratna Sarvani, Dept. of Commerce & Management Studies

- A Study on Intelligence Quotient among Intermediate Students in West Vijayawada in International Research Journal of Management Sociology & Humanities, An Internationally Indexed Peer Reviewed & Refereed Journal, Vol.12, Issue – 1 Jan. 2021. ISSN 2277 – 9809 (O) 2348 – 9359 (P) UGC ID 48312. Impact Factor: 7.1893

Dr. P. Nitya Jeeva Prada et al:

- Histopathological Changes of Methanolic Leaf Extract of Diospyros Ferrea (Wild) Bakh on STZ Induced Diabetic Rat Liver and Pancreatic Tissues in International Journal of Pharmaceutical Research and Applications Vol. 6, Issue 3 May-June 2021. ISSN 2249-778

Ms. Y. Supriya et al, Dept. of English:

- Anita Nair's The Better Man and Ladies' Coupe: A Celebration of Women's Identity of Self in International Journal of English and Studies (IJOES), SP Publications, Vol. 2, Issue 9. Impact Factor: 5.421(SJIF)

Chapters in Books:

Dr.Satyasudha, Dept. of English:

- From the Lap of the Dawn-Lit Mountains: 'Mamang Dai's Indulgence in Nature' in Eco-Literature: Contemporary Discourses, ed. Candy D'Cunha, Academia Press, Washington-London, 2021. ISBN 9781680539394

Dr. P. Nitya Jeeva Prada:

- 'Cells of Immune System' in the e-magazine Zion Studies published by Govt. Degree College, Kadapa, Feb. 2020

Dr. G. Malathi & Dr. K. Naga Sundari, Dept. of Business Administration

- 'Entrepreneurial Opportunities during Covid-19' in Entrepreneurship amidst Pandemic COVID-19. Published by Commerce and Management Association, Dec. 2020. ISBN 978-93-89914-95-5
- 'Survival Strategies of Business Enterprises during Covid-19' in Panorama of Commerce and Management, National Press Association ISBN: 978-81-948872-8-7
- 'Changing Dynamics of Work and Workspaces during Covid-19 Pandemic' in Panorama of Commerce and Management, National Press Association ISBN: 978-81-948872-8-7

Dr. Baratha Jyothi, Dept. of Zoology

- Effect of Covid-19 and Role of Nutritional Status in Incidence of Anaemia and Opportunistic Infections in Rural & Slum Area Children, pp. 1151-60
- A Study on Incidence of Opportunistic and Other Infections in HIV-Infected Children in the Pre-Haart Era and Haart Era, pp. 1141-50

- A Brief Report on Mysterious Illness Strikes in Eluru, A.P.: Traces of Mercury and Pesticide Found in Blood Samples, Jan. 2021. ESN Publications, Chapter Code & Title: R43 & Covid-19 In Contemporary Perspectives pp. 1195-1201
- Report on Mortality Cases of Children Attendees of Government General Hospital Vijayawada, Andhra Pradesh, India. Jan. 2021. ESN Publications, Chapter Code & Title: R31 & Psychology, History and Languages
- Incidence of Drug Resistance Mutations (Drms) in HIV I Vertically Infected Children Attendees of Government General Hospital Vijayawada, Andhra Pradesh, India in Asia Book of Records, ESN Publications, Vol. I, ISBN 978-93-90781-04-1, pp. 329-336

All the above in Thickest Book of World Records. ISBN 978-81-947019-0-3

Dr. Baratha Jyothi, Dept. of Zoology & Dr.P. Neeraja, Dept. of Telugu:

- A Study on Incidence of Opportunistic and Other Infections in HIV-Infected Children in the Pre-Haart Era and Haart Era, pp. 1141-50

Dr. Baratha Jyothi, Dept. of Zoology & Dr. Sarvani, Dept. of Commerce:

- Little Protection for Sanitation Workers during Covid-19 Pandemic: Disposal of PPE Kits, Other Biomedical Waste Challenge, 11th Jan. 2021. ESN Publications, Chapter Code & Title: pp. 1161-1189

Dr. Baratha Jyothi, Dept. of Zoology & T. Rajeswari, Dept. of Biotechnology:

- A Brief Report on Covid-19: History of Epidemics in India since the 1990s, Jan. 2021. ESN Publications, Chapter Code & Title: R43 & Covid-19 In Contemporary Perspectives pp. 10721-10729

Dr. Mohana Sheela et al, Dept. of Biotechnology

- Perspectives for Novel Enzyme Discovery from Marine Environments through Genome Mining and Metagenomics, Ed. Prof. Se-Kwon Kim in Encyclopedia of Marine Biotechnology (Wiley Online Library) August 2020

- Challenges and Triumphs in Genomics-based Microbial Agarase Enzyme Innovations and Applications from Marine Ecosystems. Ed. Prof. Se-Kwon Kim in Encyclopedia of Marine Biotechnology (Wiley Online Library) August 2020
- Big Data Analytics and Radiomics to Discover Diagnostics and Therapeutics for Gastric Cancer
- Prognostic Molecular Markers for Gastrointestinal Cancer
Both the above in Recent Advancements in Biomarkers & Early Detection of Gastrointestinal Cancers. Ed. P.V. Brahmachari & Nageshwara Rao Neelapu. Springer, Singapore. July 2020 pp. 213-219 & 45-53 respectively. ISBN 978-981-15-4430-9
- Engineering Microbes to Improve Crop Health in The Plant Microbiome in Sustainable Agriculture, Ed. Alok Kumar Srivastava et al Nov. 2020 pp.231-242
- Marine Microbial Biosurfactants: Ecological and Environmental Applications in Environmental Biotechnology, Springer Oct. 2020 Vol. 3 pp. 221-232 ISBN 978-3-030-48972-4

Ms. R. Tulasi, Dept. of Mathematics:

- Psychological, Social and Societal Issues among Students and Parents as a Consequence of COVID-19 Pandemic on Adolescent Girls in Asia Book of Records, ESN Publications. ISBN 978-81-947019-0-3

Ms. R. Sarala, Dept. of Electronics:

- Latest Innovation for Future Education-2021/Average Bit Error Rate for Underlay Cognitive Radio Network with Opportunistic Relaying in ESN Publications. ISBN 978-81-947019-0-3

Ms. B.S S.Sudha Gayathri, Dept of Physics:

- A Brief Report on the Survival of "mighty mice in space" ESN Publications, Thickest Book of World Records. ISBN: 978-81-947019-0-3 pp. 10487-10494

Ms. P. Deva Sri, Dept. of Food Science

- A Study on Economic Modelling of Chronic Kidney Disease in ESN Publications, Thickest Book of World Records. ISBN: 978-81-947019-0-3

Ms. T. Naga Malleswari & Ms. K. Sreelekha, Dept of Commerce:

- Online Business Problems and Solutions in Business Finance: The Changing Scenario in Business Finance: The Changing Scenario published by Amazon, ISBN: 979-8-715-69954-1 pp: 85-92

Ms. K. Sreelekha, Dept. of Commerce:

- Financial Management Solutions in Business Finance: The Changing Scenario in Business Finance: The Changing Scenario published by Amazon, ISBN: 979-8-715-69954-1 pp: 93 to 99

Publication in Proceedings:

Dr. K. Sarvani & Dr .H. Kanaka Durga, Dept. of Commerce & Management Studies:

- ‘E-Commerce and Marketing: Issues and Challenges’ in the Proceedings of the International Conference on Global Trends in E-Commerce, Econometrics, Management & Social Sciences, Feb. 2020. ISBN 978-81-944859-4-0

Dr. K. Naga Sundari, Dept. of Business Administration:

- ‘Industrial Revolution 4.0 – Opportunities, Challenges and Benefits for SMEs’ in the Proceedings of the National Seminar on 4.0 Industrial Norms and its Impact on Business Functions, in March 2021
- ‘Social Entrepreneurship in India – Prospects and Challenges’ in the Proceedings of the 4th National Conference sponsored by MEITY, Govt. Of India on Innovation and Entrepreneurship Development, in March, 2021

Dr. G. Malathi, Dept. of Business Administration:

- ‘Social Entrepreneurship: A Path for Social Change and Sustainable Economic Development’ in the Proceedings of the National Conference on Innovation and Entrepreneurship Development, in March, 2021
- Industry 4.0 and its Contribution in Manufacturing Sector in the Proceedings of the National Seminar on 4.0 Industrial Norms and its Impact on Business Functions, in March 2021

Dr. K. Sarvani and Dr. H. Kanaka Durga Dept. of Business Administration:

- A Study on the Concept and Challenges of Industry 4.0 Sector in the Proceedings of the National Seminar on 4.0 Industrial Norms and its Impact on Business Functions, in March 2021

Faculty Development Programmes:

Nine faculty development programmes were held during the academic year to equip faculty with a deeper understanding of emerging concepts in teaching, learning and evaluation, and to impart requisite skills.

- A Digital Workshop on Outcome Based Education: Teaching and Learning Online and Measuring Outcome Attainment was held on 8th-9th, 15th-16th and 19th June, 2020

Resource Persons:

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

Dr. Sweta Mukherjee, Associate Professor, Department of English, CHRIST University, Bengaluru

- Faculty were introduced to the use of Digital Assessment through Examineer in a webinar held on 11th Aug. 2020 by CREATES IISER, Bhopal.
- In continuation, the IQAC organized an online workshop on this advanced digital assessment platform ‘Workshop for Faculty on Digital Assessment through Examineer Software’ from the 17th to the 21st of Aug. 2020.

Resource Persons:

Ms. V. Sudha Devi, Mathematics

Ms. K. H. Anuhya, Electronics

Dr. K. Sarvani,, Commerce & Management

Ms. A. Jyothsna, Political Science

Ms. J. Lasina, Biotechnology

- The IQAC organized a United Board for Christian Education Asia sponsored Five-Day Online Workshop for Faculty on ‘Question Bank Preparation and Validation ’from 31st Aug to 4th Sept. 2020

Resource Persons:

Dr. Lethi, Retired Faculty, Holy Cross College, Tiruchirappalli

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

- Another Five-Day Online Workshop on Formal Written Communication, sponsored by the United Board and organized by the IQAC in collaboration with Christ University, Bengaluru was held from 19th to 23rd Oct. 2020

Resource Persons:

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

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

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

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

- All the faculty from the Science departments attended an International Workshop on ‘Research Methodology in Science’ organized by Aretex Scientific International on 8th Oct. 2020.
- An Online Workshop for Faculty on Service Learning was held on 11th -12th January, 2021

Resource Persons:

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

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

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

- A Webinar on Capacity Building of Faculty in Higher Education funded by the United Board was held on 5th -6th March 2021.

Resource Persons:

Dr. Maher Spurgeon, Consultant, Director of South Asia Programs

Dr. Paul Wilson, Principal, Madras Christian College, Chennai

- A workshop for faculty on Climate Change Education was organized by the IQAC in collaboration with the Climate Reality Project India, New Delhi on 8th March 2021.

Resource Persons:

Mr. Rakesh Kamal, Co-Founder, Suno India

Mentor at Climate Reality

Ms. Sheetal Antil, Programme Manager, Climate Education and Campaigns, the Climate Reality Project India

Refresher / Short Term Courses / Workshops / FDPs:

The following faculty completed various courses and development programmes during the year:

Dr. Jasintha Quadras, Dr. K. Naga Sundari, Dr. G. Malathi, K. Smitha, Dept of Business Administration, Dr. C. Krishnaveni, Dept. of Mathematics, Jyothisna Valentina & Ch. Geetha Devi, Dept. of Political Science, K. Tabitha, Dept. of Mathematics, K.H. Anuhya, Dept. of Electronics

- 4-week Course in ‘English Grammar & Punctuation’ offered by Coursera in Sept-Oct. 2020

Dr. C. Krishnaveni, Dept. of Mathematics:

- Five-day faculty development programme LMS Video and Pedagogy 3rd Aug to 7th Aug, 2020 Commissionerate of Collegiate Education, AP, Vijayawada Govt. of AP & RUSA

Dr. C. Krishnaveni, G. Usha Kumari, K. Tabitha & K. Bhanu Priya, Dept. of Mathematics & Rajeshwari Tiwari, Dept. of Biotechnology :

- 5-day FDP in Mathematics on New Knowledge, Pedagogical Methods: New Frontiers in Real Analysis, Abstract Algebra, Differential Equations and Calculus from 13th July to 17th July, 2020, organized by the Commissionerate of Collegiate Education, Andhra Pradesh and sponsored by the AP Govt & RUSA

Dr. C. Krishnaveni, G. Usha Kumari, K. Tabitha & K. Bhanu Priya, Dept. of Mathematics

- 5-day online workshop on Digital Assessment through Examineer Software organized by the IQAC, Maris Stella College 17th - 21st Aug, 2020
- They also attended 9, 6, 10 & 10 other workshops/ webinars, respectively, of 1-3 days duration during the year.

Dr. C. Krishnaveni, K. Tabitha, K. Bhanu Priya, Dept. of Mathematics:

- 5-day Online Workshop on Formal Written Communication from 19th to 23rd Oct. 2020 organized by the IQAC, Maris Stella College in collaboration with Christ University, Bengaluru, United Board for Christian Higher Education in Asia
- 5-day National Webinar on Scilab from 10th-13th & 15th Feb 2021, organized by the Dept. of Mathematics, Maris Stella College

G. Usha Kumari, K. Tabitha, K. Bhanu Priya, Dept. of Mathematics:

- 2-week Refresher Course from 16th to 30th March, 2021 organized by the Dept. of Mathematics, Ramanjam College, New Delhi.

Dr. G. Malathi, Dept of Business Administration:

- 'Statistical Analysis in SPSS Software' & 'Recent Trends in Data Analysis in R' from 1st to 6th June, 2020 organized by REST Society for Research International
- One Month International Research and Methodology Workshop on Free Publication of Qualitative and Quantitative Research Paper in Peer Reviewed Journal from 12th Nov. to 14th Dec. 2020 held by Eudoxia Research Centre, India.
- 6-Day course in 'Angular JS' from 24th to 28th May 2021 offered by the ICT Academy

Jyotsna Valentina, Dept. of Political Science:

- 6-week Course in International Perspectives on Participatory Research offered by PRIA International Academy from 25th Feb to 8th April 2021.

Sr. Sahaya, Dept. of Social Work & C. Hari Manasa, Dept. of Computer Science:

- 5-day course in 'Stress Management' from 23rd to 27th March 2021 offered by the ICT Academy

Dr. P. Nitya Jeeva Pradha & Dr. N. Baratha Jyothi, Dept. of Zoology:

- 5-Day FDP in Zoology on 'New Knowledge in Animal Sciences – Emerging Technologies in Molecular Biology' sponsored by the Commissionerate of Collegiate Education, Andhra Pradesh, from 6th-10th July 2020
- Dr Nitya also attended 9 other webinars of 1-2 days duration during the academic year.

Dr. N. Baratha Jyothi, Dept. of Zoology:

- One-week Online Interdisciplinary Course in Basics of Organic Farming from 31st May to 6th June, 2020 sponsored by the Athalye Sapre Pitre College (A), Devrukh Dist. Ratnagiri, Maharashtra
- One-week International e-FTP/STP on Drug Research and Evolution Practice organized by the Dept. of Pharmaceutical Chemistry, Hindu College of Pharmacy, Guntur, in association with the Acharya Nagarjuna College of Pharmaceutical Sciences, from 1st -6th July, 2020
- 5-day International Workshop on 'Intricacies of NAAC Assessment for Better Scoring' organized by St. Francis de Sales College, Seminary Hills, Nagpur, Maharashtra from 27th to 31st July 2020
- 5-day International Virtual Workshop on 'Teaching Methodologies of English Language & Linguistics & Literature through the Digital Era' organized by the Dept. of English, Nagarathinamangalammal College of Arts & Science, Madurai, Tamil Nadu from 14th to 18th Aug. 2020
- One-week International Webinar on 'Suffering Surface of Women Empowerment' organized by the Dept. of English, Madurai Kamaraj University &

Nagarathinamangalammal College of Arts & Science, Madurai, from 1st to 7th Sept. 2020

- One-week International Workshop on ‘Recent Trends in Technological Advancements in Aquaculture and Fisheries’ organized by the Centre for Research, Guru Nanak College,(A) Guru Nanak Salai, Velachery, Chennai from 3rd to 10th Sept. 2020
- One-week online FDP on ‘Revised Framework for Assessment and Accreditation of NAAC’ organized by AC College & APSCHE, Guntur from 9th to 15th Sept. 2020
- 8-week Global Certification Programme in Green Revolution offered by the United Nations Framework Convention on Climate Change, International Centre for Culture & Education to Educate, Inspire & Act Against Climate Change in Aug.-Sept. 2020
- One-week Course on Education for Everyone: Covid-19 Contact Tracing offered by John Hopkins University on Coursera in Oct. 2020
- 10-hour National Level Workshop on ‘Project Proposal Writing’ offered by the Nodal Office, Christ Deemed University, Thiruvananthapuram, Kerala on 1st April, 2021.
- Dr. Baratha Jyothi also attended 37 courses of 1-4 days duration during the year.

K.H. Anuhya, Dept. of Electronics:

- 5-Day FDP on ‘Assessment & Evaluation for Higher Education’ from 27th-31st July 2020 offered by CREATES IISER, Bhopal under the PMMMNNTT Scheme of the MHRD
- 4-week Course on ‘Work Smarter, Not Harder: Time Management for Personal & Professional Productivity’ offered by Coursera from 14th-11th Oct. 2020
- 6-Day International Workshop on ‘Research Methodology in Science’ organized by Aretex Scientific International Pvt. Ltd from 5th -10th Oct. 2020.
- 10-hrs Online Course in ‘Intermediate English as a Second Language’ on 26th-27th Oct.2020 offered by Saylor.org Academy.
- 4-weeks Course ‘Learn Moodle 3.9 Basics from 1st-26th Oct. 2020 offered by Moodle.org

She also completed three programmes of 1 day duration.

Dr. Manga Devi & Dr. P. Neeraja, Dept. of Telugu:

- 5-Day Workshop on ‘Telugu Bhasha Sahityalu Naveena Drukkonalu Vidyasiddhanthamu Sikshana Naipunyaalu’ sponsored by the Commissionerate of Collegiate Education from 17th- 21st Aug. 2020

Dr. Manga attended 4 other webinars of 1-2 days duration, during the year.

Dr. Naga Sundari, Dept. Business Administration:

- 5-Day National Level Faculty Development Programme on ‘Innovative Business Strategies Post Covid – 19 held by KITS College, Vinjanampadu, Guntur from 8th-12th June 2020
- 5-Day Workshop on ‘Universal Human Values and Professional Ethics’ organized by AICTE from 5th-9th Oct. 2020.

She also attended 6 other conferences and workshops of 1-2 day duration organized by the UGC, MEITY, Govt. of India.

Dr. C. Krishnaveni, G.Usha Kumari, K. Tabitha, K. Bhanu Priya, Dept. of Mathematics & D. V. Saraja, Dept of Statistics, Rajeshwari Tiwari, Dept. of Biotechnology:

- 6-Day International Workshop on ‘Research Methodology in Science’ organized by Aretex Scientific International Pvt. Ltd from 5th-10th Oct. 2020.

D. V. Saraja & Rajeshwari attended 9 & 7 other workshops/ webinars, respectively, of 1-3 days duration during the year.

Dr. Satya Sudha, Dept. of English:

- 6-Day Workshop on ‘Teaching of English’ held by the Centre for Pre-Service Teacher Education, St. Anthony’s College, Shillong, Meghalaya from 17th- 23rd Oct. 2020.

R. Sarala, Dept. of Electronics, Dr. Aruna, Dept. of Commerce, & Dr. Alice Jayapradha, Dept. of Biochemistry:

- 6-Day FDP on ‘Digital Teaching Techniques’ offered by ICT Academy from 18th-23rd Jan. 2021

Dr. Alice Jayapradha attended 4 other programmes of 1-2 days duration.

J. Lasina & Rajeshwari Tiwari, Dept. of Biotechnology:

- One-week FDP on ‘Effective & Quality Research Writing’ from 7th to 13 June, organized by the IQAC, Patrician College of Arts and Science, Chennai

J. Lasina Dept. of Biotechnology:

- One-week FDP on Assesment and Evaluation in Higher Education 27th to 31st July, 2020 organized by IISER, Bhopal.

Lt. N. Sailaja, Dept. of History:

- 30-day online course on ‘Functional English and Soft Skills’ offered by Youth Empowering Service-Jesuits (YES-J) in collaboration with Andhra Loyola College,(Autonomous) Vijayawada from 1st-30th June, 2021

All faculty attended the seminars/workshops organized by the management, besides other programmes of 1-3 days duration.

Development of e-Content:

Dr. C. Krishnaveni, Dept. of Mathematics:

Developed 4 modules on Ring Theory, Vector Calculus, Differential Equations and Analytical Solid Geometry on the Google Classroom platform launched on 5th Aug, 11th Sept., 6th Oct. 2020 and 1st April, 2021 respectively.

Having adopted a blended mode of teaching-learning, all the members of faculty have developed e-content to support online teaching. It is planned to set up a repository of the e-content developed.

Certificate Courses Offered:

The following certificate courses were offered by faculty from various departments:

Dr. P. Neeraja, Dept. of Telugu:

30 hr. Certificate Course in Telugu DTP from 10th July to 31 Sept. 2020. 36 students were certified.

P. Vidhyavathi, Dept. of Computer Science:

40 hr. Certificate Course in Dotnet from 21st Jan. 2021. 97 students were certified.

She was also Coordinator of two certificate courses offered by the Andhra Pradesh State Skill Development Corporation (APSSDC):

46 hr. course in Amazon Web Services from 22nd Feb. 2021. 46 students were certified.

36 hr. course in e-Commerce & Digital Marketing. 41 students were certified.

B. Santhisri, Dept. of English:

8-week Certificate Course in English for Empowerment from 15th Feb to 21st April, 2021. 52 students were certified.

B. Sobha, Dept. of Economics:

Coordinated 120 hr. Certificate Course in Banking, Finance and Insurance offered by Bajaj Finserv from 20th Feb 2020 to 10th May 2021. 93 students were certified.

Webinars & Workshops held:

The departments have worked around the constraints of the situation and done their best to carry forth normal activities. The following departments held webinars, conferences and workshops during the year:

The Dept. of Biotechnology organized three webinars:

National Level Webinar on COVID 19: Evolution and Pathogenicity. The keynote address was delivered by Prof. K. Srinivasulu, Head, Dept of Biotech, KL University, Vaddeswaram. 29th May, 2020

An International Webinar on ‘How Near is the Corona End- Vaccines and Drugs on Trial’: The keynote address was delivered by Dr. Raj Kumar.V, Dept. of Neurology & Neurosurgery, University of Frankfurt, Germany. There were 456 participants. 9th June, 2020

An International Webinar on ‘m-RNA Vaccines: A New Era in Vaccination’ The resource person was Dr. Digumarthi V S Sudhakar, Scientist C, Department of Gamete Immunology, ICMR- National Institute for Research in Reproductive Health, Mumbai, Maharashtra. 130 participants attended the webinar. 20th Feb. 2021

Depts. of Political Science & Journalism organized a 3-day National-level Faculty Development programme on Mentoring Skills. The resource person: Dr.Abhay Singh Director of Civilian Personnel Services (pay and pension) Integrated Head Quarters of Ministry of Defence, New Delhi. 1st June 2020

Dept. of Business Administration and IQAC: National Webinar on ‘Publication of Academic Research in Peer Reviewed Journals’. Keynote address: Prof. Krishnareddy, Registrar, Krishna University. There were 56 participants. 6th June 2020

The Department, in collaboration with the IQAC and the Department of Mathematics organized an International Webinar on ‘Breaking the Glass Ceiling – Rise of Women as Leaders’ to mark International Women’s Day. The resource persons were Dr. Shoba Zacharia, Former Dean, Majan University College & Founder-CEO Catalyst Solutions, Sultanate of Oman & Sunitha Lal, CHRO, Ather Energy, Bengaluru. Padmasree Warrior, Alumna and Former CTO Cisco and Motorola and CEO of NIO USA, and eminent woman technologist speaker, participated through a video talk. There were 78 participants. 8th March 2021.

Depts. of Zoology & Microbiology: Webinar on ‘Insight into SARs Corona Virus 2: A Molecular Update’ Speaker: Dr. Alavala Matta Reddy, Associate Professor in Zoology, School of Life and Health Sciences, Adikavi Nannaya University. 10th June 2020

Dept. of English: Three-day National Webinar on ‘English Studies in the New Millenium : Adapting the New Texts and New Perspectives’. The resource persons were Dr. B. Parvathi, Retd. Professor, Andhra University, Dr. Swetha Mukharjee, Christ University, Bengaluru, Dr. Rositha Joseph, GITAM, Vishakapatnam, Dr. Uma Maheshwari, University of Hyderabad and Sri Mohana Krishna, Film Director. 11th-13th June, 2020

Dept. of Telugu & Sanskrit : National Seminar on ‘Manava Viluvalu- Ushasri Margam’ Dr. A. S. Rama Sastri, Writer Director, Institute of Development and Research in Banking Technology was the key speaker. 210 participants attended the seminar on 13th June, 2020

EBSB Club, RUSA organized a National Webinar as part of Ek Bharat Sreshta Bharat activities during COVID-19 lockdown on ‘History and Culture of Punjab’. The resource person was Mr. Harmohinder Singh Sahni, nominated member of A.P. State Minorities Commission, a prominent political and social activist and a regular guest speaker for AIR. 24th June 2020

The Club held a second webinar on ‘National Integrity - Importance and Relevance to the Present’ on 29th Oct. 2020. The resource persons were Prof. B. V. Muralidhar, Principal, College of Arts, SV University, Tirupathi and Prof. Mamatha, Registrar, Sri Padmavathi Mahila Viswavidhyalayam, Tirupathi.

Dept. of Botany: International Webinar on Eco-Conscious Agriculture. Prof. M. S. Reddy, Entrepreneur and Consultant, Auburn University, Alabama, USA was the speaker. 29th June, 2020.

Dept. of Zoology: National Webinar on ‘Genomics of SARS Corona Virus 2’ in collaboration with the Dept. of Botany, Andhra Loyola College, Vijayawada. 11th July, 2020

Dept. of Computer Science: Three-day Workshop on ‘Office Automation Tools’ for staff. 21st-23rd July 2020.

The Department, in collaboration with the IQAC also organized a State Level Webinar on Awareness of Trends in Technology in collaboration with Hyper Techno Solutions, Vijayawada. U. Siva Lalitha, Founder & CEO, Hyper Techno Solutions, was the resource person. 1st Feb. 2021.

Dept. of Physics: an International Webinar on ‘Impact of Physics in Healthcare’ in collaboration with Emtron Technologies, Mumbai. Dr. Y. S. RAO, Ph.D (ES-IIT-Bombay), Vice-Principal, Dean R&D, Sardar Patel Institute of Technology (S.P.I.T), Director, Emtron Technologies, Mumbai & Dr. Raj Kumar Vutukuri, Postdoctoral Fellow, Dept. of Neurology & Neurosurgery, Department of General Pharmacology and Toxicology, Pharmazentrum Frankfurt, Germany. In all, there were 7400 participants in the three days of the webinar. 14th to 16th Oct. 2020

Dept. of Tourism: Two-day National Webinar on 'Scope of Tourism in Andhra Pradesh'. Speaker: Dr. E. Sivanagireddy, CEO, CCVA and Mr.K.Lakshminarayana, Chief Consultant and Director, APPFCS Ltd., 10th & 11th Dec. 2020.

Dept. of History: Three-day National Webinar on ‘History through the Ages’ 16th -18th Dec. 2020. Talks were presented on:

‘Recent Trends in Indian Historiography’ by Prof. Janaki Nair, Centre for Historical Studies, JNU, New Delhi

‘Impact of Pandemic Situations on Human History over the Ages’ by Dr M. N. Rajesh, Asst. Professor, Dept. of History, University of Hyderabad, Telangana

‘Contribution of Women to Society’ by Prof. I Lakshmi, Head, Dept. of History (Retd.), Osmania University, Hyderabad, Telangana.

Three students, Pragna, V. Sushmita & K. Gladys made presentations on each of the above topics. There were 50 participants.

Dept. of Economics & IQAC: Two-Day Virtual National Conference on 'Impact of Covid-19 on Women in Rural India' on 22nd & 23rd Dec. 2020. The resource persons were Dr. I. Satya Sundaram, Retd. Director of Post- Graduate Centre, The Hindu College, Machilipatnam, Dr. Sonal Mobar Roy, Asst. Professor, Centre for PG Studies and Distance Education, National Institute of Rural Development and Panchayati Raj(NIRDPR) Hyderabad, Dr.J.Rani Ratna Prabha, Asst. Professor, Centre for the Study of Social Exclusion and Inclusive Policy, School of Social Sciences, University of Hyderabad and Dr. A. Bhavani, Project Consultant, Centre for Entrepreneurship Development and Financial Inclusion(CEDFI), National Institute of Rural Development and Panchayati Raj(NIRDPR) Hyderabad. 35 students participated.

Dept. of Mathematics: National Webinar on Real Analysis. The resource persons were: Dr.R.Vembu, Associate Professor (Retd.), Dept. of Mathematics, SBK Degree College, Aruppukottai, Tamil Nadu, Dr.R.Roopkumar, Professor & Head, Dept. of Mathematics Central University of Tamil Nadu, Thiruvarur, Tamil Nadu and Dr.C.Ganesan, Assistant Professor, Dept. of Mathematics, VHNSN Degree College (Autonomous), Virudhunagar, Tamil Nadu. 19th -20th Jan. 2021.

The Dept. also held: An online National Workshop SciLab. The trainer was Dr. Debabrata Samanta, Dept. of Computer Science, Christ University, Bengaluru. 10th- 13th and 15th Feb. 2021. A Two Day Online Conference on the Impact of Covid-19 on Lifestyle Disorders was organized by the **Dept. of Biochemistry** on 26th and 27th Feb.2021. There were 1164 participants.

The Dept. of Commerce & Management Studies organized a National Webinar on 'Green Accounting Practices in India' on 26th March 2021. The resource person was Himanshu Sethu, Assistant Professor, Woxen University, Hyderabad. The number of participants was 450.

Women Empowerment Cell: Two-day National Webinar on 'Impact of COVID -19 on Women.' The keynote address was delivered by Prof. Ch. Swarooparani, Mahayana Buddhist Studies, Acharya Nagarjuna University. 10th & 11th Dec. 2020

The Career Guidance and Placement Cell: One Day Workshop on 'Resume Building' for final year students. Lingeshwara Prasad, Chief Executive, Lingeshwar Informatrix, was the resource person. 11th Feb. 2021.

The IPR Cell and the IQAC: National Webinar on Innovations and Intellectual Property Rights. Dr. Pavan Kumar, Senior Scientist, Dept. of Chemistry, & IPR, CSIR-IMMT was the resource person. 18th & 19th Feb. 2021.

Another webinar was organized by the Cell on ‘Innovation and Intellectual Property Rights for Academic Community Growth and Institutional Benefits’ on 23rd June 2021. The resource person was Dr. K. Rghava Rao, Professor & Head – KLIP Facilitation Centre, Centre for Innovation, Incubation and Entrepreneurship (CIIE), Koneru Lakshmaiah Education Foundaton, (Deemed to be University).

The **Anti-Sexual Harassment Cell**: National Webinar on ‘Challenges Faced by the Girl Child – Legal Protective Framework’ Mr. David Raj, Senior Programme Manager, (Child Protection), CPRC – UNICEF, Hyderabad (A.P. & Telangana) and Sr.Sahaya, HoD of Social Work were the resource persons. 29th June 2021.

Guest Lectures:

Guest lectures were organized by several departments to augment the knowledge gleaned from the classroom:

Dept. of English: ‘Manjula Padmanabhan’s Harvest’ on 13th Nov. 2020 by Dr.Rositha Joseph, GITAM, Vishakapatnam. There were 52 participants.

A second guest lecture was organized on ‘What is Women’s Writing: Theories of Understanding’ delivered by Dr.Uma Maheswari, University of Hyderabad on 16th Dec. 2020. 52 students participated.

Dept. of Business Administration: ‘Importance of Business Analytics for Corporate Organisations’ by Mr. K.J. A. Swarup, Former General Manager, HR, ITC Ltd, Management Consultant and Trainer on 28th Nov. 2020. Total number present: 101 students & 4 faculty.

A second guest lecture was organized on ‘Consumerism: Rights and Responsibilities of Consumers’ on 22nd Dec. 2020. The resource person was Dr. P.V.V.S. Murthy, Guest Faculty, Department of International Business, Acharya Nagarjuna University, Guntur. There were 35 participants and 4 faculty.

Dept. of Political Science organized 3 guest lectures:

‘Human Rights in India’ delivered by Prof. B. V. Muralidhar, Principal, S. V. University, Tirupathi on 10th Dec. 2020 to 260 participants.

‘Right to Vote in a Democracy’ by Mr. K. V. Vijaya Babu, Retd. Lecturer in Political Science, Andhra Loyola College, Vijayawada on 25th Jan 2021 to 550 participants.

‘Ideology of Dr. B. R. Ambedkar’ by Dr.Nani Babu Mangalapati, Asst. Prof., Dept. of Political Science & Public Administration, Adikavi Nannaya University, Kakinada Campus on 12th April 2021 to 240 participants.

Dept. of Economics: ‘Art & Science of Learning’ by Prof. K.Nageshwar, Department of Communication & Journalism, Osmania University, Member of Andhra Pradesh Legislative Council(2007–2014), Politician and Political Analyst. Organised on 23rd Jan. 2021 for 300 participants.

Dept. of Commerce & Management Studies: ‘Art of Living’ on 6th February, 2021 by Dr. Vinod Kumar Kodishana. The number of participants was 103.

Dept. of Physics: Two guest lectures on:

‘World Energy Needs and Nuclear Power’ delivered by Prof. Madhavi Sankar, Alumna, Atomic Minerals, Directorate for Exploration & Research, Department of Atomic Energy, Bangalore
‘Controllable and Uncontrollable Factors’ delivered by Mr. Vishnu M.Tech, IIT M Chennai, both on 19th Feb, 2021.

Dept. of Journalism: An invited lecture on ‘Public Relations as a Medium of Communication in Public/Private Sector’ on 20th Feb 2021.

Dept. of Chemistry: A guest lecture on ‘SOPs of Polymerization and Plastics Processing Techniques’ by Mr Krishna Pratap Singh, Processing Head, CIPET, Vijayawada on 24th Feb. 2021. 33 students participated.

Other Academic Activities:

The Dept. of Physics held an online Quiz on ‘The Seeds of Peace and Harmony’ to commemorate the nuclear bombing of Hiroshima (August 6, 1945) and Nagasaki (August 9 1945) from 1st to 10th Aug. 2020. There were 1094 participants.

The **Dept. of Microbiology** organized a Quiz on Basics of Microbiology on 5th and 6th June 2020. A cash prize of Rs. 1000 was given.

Dept. of Sanskrit held a Sanskrit Slokaas Competition on WhatsApp on 20th June, 2020 in which 50 students participated.

Dept. of Computer Science held an online orientation on Google Meet, Google Attendance & Google Classroom for faculty. 30th July 2020.

Department of Economics: Virtual Leadership Programme in collaboration with M. R. Pai Foundation. The resource persons from the Forum of Free Enterprise, Mumbai, Ms. Clarissa Jathana and Mr. Sachin Kamat held sessions on Goal Setting, Time Management, Team Work Communication Skills and Stress Management for 45 students on 26th & 27th Sept. 2020

The department also held an Online National Level Essay Writing Competition in collaboration with GNOSIS open until 25th Feb. 2021.

Depts. of Food Science, Microbiology & Chemistry held an Awareness Programme 'Post COVID 19 Complications and Preventive Methods' on 12th Dec. 2020. Around 30 students of II FMC and MBC participated.

Dept. of Mathematics held a National Level Online Mathematics Quiz on 19th and 20th Dec. to commemorate the birth anniversary of the mathematical genius Srinivasa Ramanujan as a part of National Mathematics Day Celebrations on 22nd December 2020. There were 336 participants.

On 22nd Dec. 2020 the department organized a guest lecture by Dr. Maheswara Rao Valluri, Associate Professor, School of Mathematical and Computing Sciences, Fiji National University.

The Dept. also held an Online National INMO Training Camp supported by the Homi Bhabha Centre for Science Education, Mumbai from 20th – 24th Feb 2021. Resource persons: Prof. Rajat Tandon, Visiting Faculty, IIT, Hyderabad, Telangana, Mr. Alok Kumar, Senior Faculty, INMOTC, New Delhi, Mr. Rahul Chakravarthy, Senior Faculty, INMOTC, Hyderabad, Telangana, Mr. Sabir Shaik, Quantitative Strategist, Goldman Sachs, Bangalore, Karnataka, Mr. P. Avinash, Senior Software Engineer, GEP, Hyderabad, Telangana, Mr. P. Madhusudhan Reddy, IMO Medallist, IV year, CSE, IIT Kharagpur, West Bengal.

Dept. of Statistics held an 'Awareness Programme on Statistical System and its Function in India' on 24th March 2021 in collaboration with National Sample Survey Office (NSSO). There were 100 participants.

Dept. of Telugu held an Online Quiz in Telugu Poetry on 5th June, 2020. Cash prizes of Rs. 1000 and Rs. 500 were given away to the winners.

The **Dept. of Business Administration** organized an Online Business Quiz 'The Brilliant Brains' on 19th & 20th Dec. 2020 in which 350 students participated.

Red Ribbon Club: 350 students of the club participated in a programme on Drug Addiction held on 30th Nov. 2020 by Krishna District Administration.

The club organized activities to mark World Aids Day on 1st Dec. 2020 in which 400 students participated. Together with NCC & NSS, the Club was part of the Centennial Cycle Rally held from 13th March 2020 to 25th March 2021. 250 students participated.

IQAC:

Ever conscious of its role as the key unit for the development of a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution, the IQAC has initiated several measures for the sustenance and promotion of quality in academics as well as governance.

The Cell initiated the implementation of a new curriculum framework as per Andhra Pradesh State Council for Higher Education (APSCHE) directive. The IQAC also initiated the introduction of new programmes and courses, revision of courses, redesigning of course codes and student registration numbers. Plans have been laid to facilitate 180 hours of community service that should have been undertaken by each Semester II student in the summer of 2020 as part of curriculum that had to be deferred due to the pandemic.

Several training programmes were initiated for faculty development, particularly in the use of ICT and the promotion of a blended mode of teaching learning. In collaboration with the Controller's Office and the departments, the IQAC implemented examination reforms: setting up of question banks, revision of question paper pattern, proctored online examinations.

Infrastructure has been strengthened. The playground has been re-laid, e-content has been developed, new cloud platforms have been made available for meetings and other academic activities, the admission portal has been upgraded and open source software is being used to prepare time-tables.

The IQAC, in association with the Student Deans, organized programmes and workshops for students in Leadership, Trends in Technology, Gender Equity and Skill Development.

The institutional website has been redesigned and the IQAC has been instrumental in signing 10 MoUs to promote quality in various aspects.

A Green Campus Programme has been initiated in collaboration with Climate Reality India. A programme to train students as Eco Ambassadors is underway. Several activities to foster inclusiveness, nationalism, human values and gender equity were organized.

Dr. Sr. Jasintha Quadras, Principal and Dr. Krishnaveni, IQAC Coordinator attended an inter-institutional meeting organized by Andhra Loyola College on 24th Jan, 2021 to promote collaborative activities among colleges of the city.

Programmes on Entrepreneurship:

The Dept. 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. The resource person was Ms. Aparna, CEO of Aparna Jute, Vijayawada on 23rd November, 2020.

The Entrepreneurship Development Cell inaugurated several student enterprises such as Beauty Care Services and Creative Crafts on 11th Feb 2021.

P.V. Sridevi, Dept. of Tourism was awarded a Certificate of Participation in a 'Two Day Online Global Summit on Enhancing Women Empowerment through Entrepreneurship' from International School of Technology & Sciences for Women, Rajanagaram on 21st and 22nd June, 2021.

Programmes on Gender Equity:

The Dept. of Commerce & Management Studies organized an Inter-collegiate Online Poster Making Contest on the theme of Gender Equity on 18th Dec. 2020. There were 59 participants.

The Dept. of Chemistry organized an Elocution Competition on Gender Equity on 4th Feb. 2021.

The department also conducted an Awareness Programme on Promoting Gender Equity on 5th Feb. 2021.

The Department of Business Administration, in collaboration with the IQAC and the Department of Mathematics organized an International Webinar on 'Breaking the Glass Ceiling – Rise of Women as Leaders', the details of which are mentioned under 'Webinars'.

The Women's Empowerment Cell organized a webinar on the impact of Covid-19 on women.

The Anti-Sexual Harassment Cell organized a National Webinar on 'Challenges Faced by the Girl Child – Legal Protective Framework' on 29th June 2021. The Cell also held a Poster Contest on the theme 'Girls' Safety and Empowerment'.

The college is offering a Life Skills Course on Gender Studies.

Faculty as Resource Persons:

Dr. P. Niya Jeeva Pradha was one of the resource persons at a National Webinar on Genomics of SARS Corona Virus 2 at Andhra Loyola College, Vijayawada on 11th July, 2020

Dr. Girija Nambiar was a resource person at a Five-Day National Online Workshop on The Seven Assessment Criteria for NAAC Accreditation held by VSR & NVR College, Tenali, in collaboration with the Government College for Women, Guntur from 27th to 31st Oct. 2020

Dr. C. Krishnaveni, IQAC Coordinator, made a presentation to all the colleges of AP on Criterion VII of NAAC assessment on 2nd Dec. 2020.

She was a resource person of the Criterion-wise presentation by A+ mentoring colleges and mentors for Criterion VII: Benchmarking for Institutional Values & Best Practices, organized by the CCE, Govt. of AP on 2nd Dec. 2020

She was also a mentor at the Review Meetings on 'NAAC Preparedness' held by the CCE between the 24th Nov. and 2nd Dec.2020.

She is on the BoS of Sir C. R. Reddy College, Eluru and the BoS for PG programmes, Krishna University and attended their meetings during the year.

Recognition/Awards:

Dr. D. Ramakrishna, Dept. of Sanskrit, was bestowed the 'Upadhyaya Mitra' Award by the Satya-Murthy Charitable Trust, Visakhapatnam on 5th Jan. 2021

The Department of Social Work was a recipient of the Lady Legend Inspiration Awards 2021 instituted by the Samaghra Gramina Abhivridhi Sankshema Sangham as part of its activities to mark International Women's Day. The function, held on 6th March 2021 recognized the department for its outreach activities. Dr. Josephine, Ms. Swapna & Ms. Sobha, Dept. of Economics, Dr. Beulah & Ms. Sailaja, Dept. of History, Dr. Nitya, Dept. of Zoology and Ms. Sridevi, Dept. of Tourism & Travel Management also received awards on the occasion.

Sr. Sahaya, Head of the Department of Social Work won recognition for her initiative in launching the Anti-Human Trafficking Club the first one in the State of A.P. The award was given by the A.P. Police CID Wing on 8th March, 2021.

Dr. P. Niya Jeeva Pradha was awarded a Certificate of Excellence in Reviewing in recognition of her outstanding contribution to the quality of the journal Advances in Research for the year 2020.

Dr. Alice Jayapradha has been recognized as a Certified Digital Teacher by the ICT Academy in Feb. 2021. She is also a reviewer for the International Journal of Diabetes and has reviewed 3 manuscripts this year. Her poster has been selected for presentation at the 2nd Annual Summit on Diabetes and Endocrinology to be held in Oct. 2021. She is also an invited speaker at the Summit.

Dr. N. Baratha Jyothi won an Appreciation Award from the Indian Red Cross Society for participation in the Centennial Cycle Rally held on 24th & 25th March, 2021 in Krishna District to mark the centenary celebrations of the Society.

Internships:

The Dept. of Commerce & Management Studies conducted a Two-Week Online Internship on 'E-Filing of Returns' for 39 students of B.Com (General & TPP). The resource person was Mr. Venu Gopal Dasineni, Chartered Accountant. The program started on 2nd February, 2021.

6 students of the Dept. of Tourism & Travel Management completed a 4-Week Internship at Novotel Vijayawada Varun from 12th April, 2021 and 3 others at S.K. Happy Tripz, Vijaywada from 23rd April, 2021, for 3 weeks.

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

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

Students also took advantage of off-campus classes to join **online internship programmes:**

Rishitha Jaladi completed 180 days as an Intern Journalist at Radiant Awadh Lucknow News Live from 21st June to 21st Dec. 2020. She continues to work with the organization as a part-time journalist and is a member of their core team. She also interned at Winray Infotech as a Content Analyst from 21st July to 20th Aug. 2020.

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.

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

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 and was greatly appreciated for her coordination and communication skills and her attention to details.

Industrial Tours:

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.

Camps:

The students of Social Work had their rural camp at FMM Social Service Society, Warangal from 24th to 26th

Progression to Higher Studies:

13 students have joined PG programmes in various universities:

3 in the Master's programme in TTM and 1 in Human Resources and Management at Acharya Nagarjuna University, 6 students in Literature at PB Siddharta, Andhra University and Acharya Nagarjuna University, 1 each in the PG programme in Mathematics at Maris Stella, in the PG programme in Statistics at Gitam University and in Electronics at a college in Guntur.

Green Initiatives:

Protection and preservation is a core value of the institution and part of its mission is the promotion of justice and peace and the perception of the essential integrity of creation.

The college has registered with the Green Campus Programme of the Climate Reality Project, India which enables schools and colleges to conserve natural resources, use less water, optimize energy efficiency, generate less waste, teach climate change and sustainable education and addresses the well-being of students and their environment. The programme is executed in three stages: Awareness, Action and Award. The college is now in the action stage. After a pre-audit survey, action is planned in the five thrust areas of the programme.

Simultaneously, a team has been set up under the moderation of Ray Kancharla, Climate Activist & Researcher, Humanitarian & Development Strategic Planner, to accompany students on their journey towards environmental activism. A hands-on and practice-oriented certificate programme of **Eco Ambassadors** has been launched to capacitate student participants, on completion of the course, to become young women Eco Ambassadors. 200 students are taking the course.

The **departments** too have been working in sync with the core values of the institution.

The **Dept. of Botany** undertook a Plantation Programme between 29th July and 15th Oct. 2020. 100 saplings were planted in the college campus. Together with the Eco Club, the department undertook a Clean and Green programme on the campus on 10th Sept.2020. 100 students participated.

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

The **Dept. of Commerce & Management Studies** organized a National Webinar on ‘Green Accounting Practices in India’ on 26th March 2021.

The **Dept. 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.

Holistic Education:

To bolster holistic education as affirmed in our vision and mission statements, tireless efforts are made to provide them with opportunities for all-round development. The institution has been encouraging internships, skill development, mastery of technology, soft skills, community service for responsible citizenship, sensitivity and a pro-active stance towards environmental issues and reinforcement of ethics and moral values.

Student participation is encouraged at every level. As a result, the Stellite today is growing in confidence and skills.

Students have been chosen for awards and recognition at levels such as at the National Youth Parliament Festival and the Study of United States Institute for Student Leaders sponsored by the U.S. State Department.

Two students, Rishitha Jaladi and Sharanya Boddeda have been selected to 2021 Study of United States Institute (SUSI) for Student Leaders on Education and the Future of Work and Religious Freedom and Pluralism, respectively. Due to the ongoing challenges of the coronavirus pandemic, the SUSI has had to be organized in a hybrid format consisting of a virtual component in summer 2021 and an abbreviated in-person component in the United States in late 2021 or in early 2022.

30 students attended the Academic Readiness Boot Camp and were certified in the 10-week long online Academic Reading Course offered by The Regional English Language Office at U.S. Embassy, New Delhi in collaboration with Indiana University from 8th Feb. to 21st April 2021.

Six final year students of BMS have participated in an Internship Programme as counsellors for ‘Ambitions Career Counselors’, Hyderabad, for one week in the last week of February, 2021.

80 students participated in online literary and cultural competitions in a wide range of fields such as public speaking, monoaction, video-making, singing, etc. held by various external agencies and won as many as 24 prizes.

3 students of MBA, Poornamrutha, Sri Valli and Sheethal participated and won **Certificates of Excellence, Appreciation and Verbal Commendation**, respectively, at the International Model United Nations (IMUN) Online Conference held on 15th-16th May, 2021.

S. Poornamrutha also presented a paper on ‘Social Security : Working Women’ at the Two-Day Virtual National Conference on ‘Impact of Covid-19 on Women in Rural India’ organized by the Dept. of Economics on 22nd & 23rd Dec. 2020.

Nandakshi Suryavanshi won the 3rd prize at the National Level Essay Writing Competition held by the Dept. of Economics in collaboration with GNOSIS. M. Nikhita’s essay won appreciation.

The Dept. of Social Work launched the **College Cops** initiative on 20th Dec. 2020 to

Students of Social Work participated in 14 programmes organized by other organizations during the academic year 2020-21.

16 students completed 3 courses: ‘Getting Started with Robotic Process Automation’, Principles of Design Thinking’ and ‘Introduction to Cyber Security’ offered by the ICT Academy’s Skill Edge programme.

22 students of III B.Sc. MECs completed a 1-week online course in Air Conditioning offered by Siemens in collaboration with ALIET from 27th Jan-1st Feb. 2021.

A Workshop in Leadership Training was organized by the Vice-Principals and Deans of Student Affairs on 23rd March 2021 for 102 potential leaders among students.

Student Support:

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 make education at Maris Stella distinctive. Scholarships, both from the govt. and management sources, are provided for the economically challenged. This year, scholarships worth Rs.1, 12, 82,527 have been disbursed.

Placements:

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.

Community Service:

Besides its efforts to bring relief to the Covid-affected, the college reached out to the cyclone-hit villages around Machilipatnam.

The Dept. of Social Work undertook a need-assessment survey of the affected areas. On 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.

4 members of faculty from Stars and the Dept. of Social Work 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. 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.

The students of the Dept. 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.

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

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.

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 Youth for Seva.

NCC:

There are three units of NCC in the college, 2 army wing and 1 navy wing. Activities planned for the year were carried out without violating pandemic regulations, through audio and video presentations. Many programmes for awareness and others like Swachh Bharat were conducted online.

Theory classes for the two courses in NCC, the first offered as a Life Skills Course in the 1st year and the second as a Skill Development Course in the 2nd year, were also held online.

NCC 'C' certificate examinations for cadets from all colleges were conducted on the college grounds.

NCC Naval & Army wing celebrated the **21st Anniversary of the Kargil War** on 26th July 2020 with the following activities: 1. Online National pledge taking ceremony 2.Video on National War Memorial 3.Video on National War Kargil 4. 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.

Celebrations:

Several days of national and international significance were observed:

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 G. Ratna Sarvani & T. Naga Malleswari of 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.

The Day was celebrated in 2021, too. The same organizers held talks on the theme 'Yoga for me, family and society'. Besides Yoga Instructor, Ms. Nirmala, Ms. M. Rajani, and Ms. Smitha were the other speakers.

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.

NCC Naval & Army wing celebrated the **21st Anniversary of the Kargil War** on 26th July 2020. **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, HoD. A power point 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.

Semester-End Examinations:

Semester-end examinations for the outgoing batch of 2017-20 were held in person from 14th Sept. 2020 as per UGC direction. For other batches, examinations were offered online.

The II, IV & VI Semester-end examinations for the academic year 2020-21 scheduled from 17th - 29th May, 2021 had to be postponed due to the second wave of the pandemic. The II & IV semester-end examinations were held online, subsequently, in June 2021. For the outgoing batch, in-person examinations were held from 12th to 17th July, 2021.

The academic year 2021-22 commenced for the 2nd & 3rd year UG students on 5th July 2021.

Conclusion:

“It was the best of times, it was the worst of times, it was the age of wisdom, it was the age of foolishness, it was the epoch of belief, it was the epoch of incredulity, it was the season of light, it was the season of darkness, it was the spring of hope, it was the winter of despair.”

We are waiting for that Dickensian spring of hope and season of light. We are not alone in this wait. The whole world waits with us.

Many among the campus community have been affected, some more severely than others. Some have lost a parent or a spouse, a dear friend or a close kin. Many have had to battle the virus themselves. There is also the psychological impact of the restrictive environment created by the pandemic.

Coping with the stress and strain and to conduct normal activities in an academic institution amidst a ravaging pandemic calls for a high capacity to improvise and innovate, and a readiness to rethink and redo. It is precisely this attitude that is seeing the college through these testing times to emerge into a season of wisdom and light.

Before I conclude, I would like to register my deep sense of gratitude to all our stakeholders for their cooperation and support and to the Vice-Principals, Deans, Controller of Examinations, HoDs and other administrative staff for the dedication and hard work they have put in through these challenging times.



J. Quebras
PRINCIPAL
MARIS STELLA COLLEGE
VIJAYAWADA-520 008



MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA
A College with Potential for Excellence
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ACTION TAKEN REPORT: 2020-21

1. Annual Academic Calendar, 2020-21:

Prepared the College Handbook with the Annual Academic Calendar for the year 2020-21 and displayed it on the College website.

2. New programmes and courses for the academic year 2020-21:

(i) The following new programmes were introduced during 2020-21.

- (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

(ii) Designed and offered the following Life Skills Courses (LSC) and Skill Development Courses (SDC) to inculcate lifelong skills and employability skills among students:

- (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)

3. New pattern of Question Paper:

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 (FIBs) were introduced both in Continuous Assessment (CA) & Semester End Examinations (SEE) in order to train students in this mode of questioning used widely in various competitive examinations.

Section A: MCQs and FIBs

Section B: Descriptive: Short answer questions

Section C: Descriptive: Essay questions

4. Question Bank:

Question banks for all courses in semesters I and II are prepared by the concerned course teachers in which questions are mapped with the Course Outcomes and RBT levels (RBT levels 1 and 2 for 1st year and 1, 2, 3 and 4 for 2nd and 3rd years)

5. Teaching diary:

Every faculty member maintained a record of the teaching diary in the attendance portal.

6. MoUs:

Nine new MoUs have been signed during the year for collaborative activities in skill development, internship and training and extension programmes.

Signed an MoU with the

- (i) Global Institute of Professional Studies and Educational Society 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.
- (ii) Youth4Jobs Foundation on 06.11.2020 to work towards employability, the inclusion of candidates with disabilities, jointly organize skill development programmes, facilitate research activities and consultancy.
- (iii) 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.
- (iv) 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)
- (v) HEPSN - Higher Education for Persons with Special Needs (Andhra Loyola College) on 29.01.2021 for Collaborate initiatives to sensitize the public of disability issues, facilitate scholarships offered by Help the Blind Foundation to the needy students.
- (vi) 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.

- (vii) Shivashakthi Bio Technologies Limited on 26.03.2021 to facilitate lab and infrastructure facilities, summer internships in Life Sciences and organize collaborative activities.
- (viii) NOVOTEL Hotels & Resorts 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.
- (ix) DELNET on 17.05.2021 to use DELNET's Archives and Services, Union Catalogues and other database online resources.

7. Departmental community service activities:

Some departments planned and executed outreach programmes by involving students.

- (i) 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.
- (ii) 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.
- (iii) The students of the Department of Commerce & Management Studies extended their services to the rural areas outlying Vijayawada in the 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.
- (iv) 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.
- (v) 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.

(vi) 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.

8. E-content development:

Having adopted a blended mode of teaching-learning, all the members of the faculty have developed e-content (PPTs, Video lectures, Study material in Word / PDF) using personal laptops and available recording tools like PresentationTube, Screencastify, Screencast O'matic, Zoom, Google Meet etc. for each course to support online teaching. It is planned to set up a repository of the e-content developed.

9. New Cloud Platforms:

Subscribed to new cloud platforms: (a) Microsoft Teams (b) Zoom to conduct online classes, meetings and organize webinars / workshops / conferences etc.

10. Infrastructure:

Infrastructure has been strengthened. Constructed a new administrative block for additional classrooms and other facilities to accommodate new courses and programmes, additional toilets and lift for the college hostel. The playground was levelled and re-laid.

11. New curriculum framework:

New curriculum framework has been implemented as per the guidelines of Andhra Pradesh State Council for Higher Education (APSCHE) and the revised syllabi for courses in semesters I & II of all programmes w.e.f. 2020-21.

The revised curriculum adopted in 2020 has initiated outcome-based education and introduced the 2018 Revised Bloom's Taxonomy after intensive training of faculty for institutional learning.

The curriculum structure includes Languages, Core Courses, Life Skills and Skill Development Courses (Electives), Skill Enhancing Courses (Electives), Community Service Projects, Internships, Extra-curricular Activities and Certificate Courses.

12. New College timings:

College timings are changed in order to promote experiential learning on campus:

Monday to Friday: 7 periods from 9 am – 4 pm

Saturday: 5 periods from 9 am – 1 pm

The students were engaged in hands-on / practical activities every day in the last period from 3 - 4 pm.

13. Utilization of the ICT infrastructure:

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 in digital & virtual classrooms by using the equipment effectively.

14. Incubation Centre for innovation and start-ups:

Efforts are being made to establish an Incubation Centre to promote entrepreneurship and innovation.

Set up a common 'Instrumentation Centre' to promote research culture among students.

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. The resource person was Ms. D Aparna, CEO, of Aparna Jute, Vijayawada on 23rd November, 2020.

The Entrepreneurship Development Cell inaugurated several student enterprises such as Beauty Care Services and Creative Crafts on 11th Feb 2021.

15. U. S. Sponsored Programmes:

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 in the U.S. Embassy.

Two students, Rishitha Jaladi and Sharanya Boddeda have been selected to 2021 Study of United States Institute (SUSI) for Student Leaders on Education and the Future of Work and Religious Freedom and Pluralism, respectively. Due to the ongoing challenges of the coronavirus pandemic, the SUSI has had to be organized in a hybrid format consisting of a virtual component in the summer 2021 and an abbreviated in-person component in the United States in late 2021 or in early 2022.

30 students attended the Academic Readiness Boot Camp and were certified in the 10-week long online Academic Reading Course offered by The Regional English Language Office at U.S. Embassy, New Delhi in collaboration with Indiana University from 8th Feb. to 21st April 2021.

16. 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.

17. Monitoring Committee:

A Monitoring Committee was instituted 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:

- (i) Principal, Chairperson
- (ii) Vice-Principals
- (iii) Dean, Planning and Communication
- (iv) Dean, Administration
- (v) Deans, Student Affairs
- (vi) Controller of Examinations
- (vii) IQAC Coordinator - **Coordinator**

18. 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.

19. Examinations:

Conducted SEE online for all foundation courses, life skills and skill development courses. Conducted continuous assessment (CA) and continuous assessment improvement test (CAIT) online on Google Forms and proctored semester-end examinations (SEE) for semesters II & IV.

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 exam 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.

20. G Suite accounts:

College had subscribed to Google for education. Each faculty member and each department was 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.

21. Attendance:

Collected condonations for below 50% of attendance because of Covid-19 Pandemic. Re-fixed minimum required percentage of attendance per course for eligibility to take 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.

22. Codes for each Subject / Department:

A new pattern of course codes was followed for all the courses w.e.f. 2020-21. A new configuration for student Register Numbers with 10 characters was adopted for the 2020 batch. (College Code -3 characters, Year of Admission-2 characters, Programme Code-3 characters and Roll No.-2 characters)

23. College Website:

Revamped the College website and constituted a 'Website Committee' for the college website, to upload and update information promptly.

The Composition:

- (i) Principal – Chairperson
- (ii) Dean, Planning & Communication
- (iii) IQAC Coordinator – Coordinator
- (iv) Two faculty members
- (v) One System Admin.

24. 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**

25. Digital Policy:

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

26. 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.

27. Coordinators for each criterion:

Appointed coordinators for each criterion for 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, 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.

28. 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.

29. Research & Ethics Committee:

Renamed the existing Research Committee as Research & Ethics Committee to monitor adherence to ethics in publications.

30. FDPs/Seminars/Webinars/Workshops/Training Programmes/Conferences/Guest

Lectures held:

- (a) National Conferences: **2**
- (b) International Webinars: **3**
- (c) National Webinars / Workshops: **9**
- (d) State-level Webinars / Workshops: **8**
- (e) FDPs: **7**
- (f) Training Programmes: **2**
- (g) Guest Lectures: **27**
- (h) For non-teaching staff: **1-Workshop & 1-Training programme**

31. Training programmes/Literary/Cultural events for students:

- (a) Training programmes for students held: **9**
- (b) Literary and Cultural events: **21**
- (c) Programmes on Gender Equity: **5**
- (d) Programmes on Entrepreneurship: **2**

32. Career counselling & Placements:

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

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

No. of Career Counselling activities: **5**

No. of Students trained: UG - 406, PG - 62

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.

33. 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.

34. 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.

35. Green Initiatives:

Protection and preservation is a core value of the institution and part of its mission is the promotion of justice and peace and the perception of the essential integrity of creation.

The college has registered with the Green Campus Programme of the Climate Reality Project, India which enables schools and colleges to conserve natural resources, use less

water, optimize energy efficiency, generate less waste, teach climate change and sustainable education and address the well-being of students and their environment. The programme is executed in three stages: Awareness, Action and Award. The college is now in the action stage. After a pre-audit survey, action is planned in the five thrust areas of the programme.

Simultaneously, a team has been set up under the moderation of Ray Kancharla, Climate Activist & Researcher, Humanitarian & Development Strategic Planner, to accompany students on their journey towards environmental activism. A hands-on and practice-oriented certificate programme of 'Eco Ambassadors' has been launched to capacitate student participants, on completion of the course, to become young women Eco Ambassadors. 200 students had successfully completed the course and received the certificates.

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.

The departments too have been working in sync with the core values of the institution.

The Dept. 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. 100 students participated.

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

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

The Dept. 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.

36. Days of National/International significance:

The departments in association with the IQAC celebrated days of National and International significance, commemorative and national festivals.

37. 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 the 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. A report was prepared with observations and suggestions and is displayed on the College website.


IQAC Coordinator
Maris Stella College
Vijayawada - 520 008.


PRINCIPAL
MARIS STELLA COLLEGE
VIJAYAWADA-520 008



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.

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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.

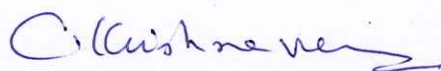
The college held several training programmes through the academic year 2019-20 to train faculty in the use of ICT in teaching. Besides, almost all members of faculty have made use of suspension of classes due to Covid-19 to complete online courses in Video

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.**



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IQAC REPORT

**Summary of Celebrating Days of National/International significance:
2020-21**

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

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IQAC REPORT
Programmes Organized on Quality: 2020-21

The Quality Assurance Initiatives of the institution include:

1. Regular meeting of the IQAC.
2. Preparing annual plan of actions, organizing activities on quality as per the plan, preparing annual IQAC reports, maintaining college activities register, records of the minutes of the meetings and activities.
3. Collecting feedback on curriculum from all stakeholders, analyzing, preparing plan of action and implement it for improvement of the institution.
4. Conducting FDPs, Training programmes, Workshops and Seminars for teaching, administrative staff and support staff.
5. Organizing training programmes, Workshops, Orientation and awareness programmes for students.
6. Curriculum Revision and New Courses / Programmes
7. Research and Infrastructure development
8. Conducting Academic and Administrative Audit (Internal & External).
9. Collaborative quality initiatives with other institutions.
10. Participating in NIRF and India Today rankings.
11. Quality audits such as ISO Certification.
12. Submitting AQAR to the NAAC.

MoUs

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

1. 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.

2. 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.
3. 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).
4. HEPSN - Higher Education for Persons with Special Needs (Andhra Loyola College) on 29.01.2021 for Collaborate initiatives to sensitize the public of disability issues, facilitate scholarships offered by Help the Blind Foundation to the needy students.
5. Vasavya Mahila Mandali on 04.03.2021 to facilitate sensitization events on domestic violence and violence against women among the students and faculty and to promote student activity against domestic violence.
6. 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.
7. Shivashakthi Bio Technologies Limited on 26.03.2021 to facilitate lab and infrastructure facilities, summer internships in Life Sciences and organize collaborative activities.
8. NOVOTEL Hotels & Resorts 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.
9. DELNET on 17.05.2021 to use DELNET's Archives and Services, Union Catalogues and other database online resources.

FDPs/Training Programmes/Workshops on Quality organized

For Teaching Faculty:

1. The departments of Political Science and Journalism in association with the IQAC organized National Webinar: 3 Day Faculty Development Programme on Mentoring Skills from 1.06.2020 - 3.06.2020.
2. 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 06.06.2020.

3. Computer Science Department in association with the IQAC conducted workshop on Office Automation Tools on 21.07. 2020.
4. A Webinar on Google Meet and Google Classroom was organized by the Department of Computer Science for all the faculty members on 30.07.2020.
5. The IQAC organized Five-day online workshop for faculty on 'Digital Assessment through Examineer Software' during 17.08.2020 - 21.08.2020.
6. The IQAC organized Five-day online workshop for faculty on 'Question Bank Preparation and Validation' during 31.08.2020 - 04.09.2020.
7. The Women Empowerment Cell in association with the IQAC organized a Two-day National Webinar on 'Impact of COVID -19 on Women' during 10.12.2020 - 11.12.2020.
8. 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' during 22.12.2020 - 23.12.2020.
9. The IQAC organized Two-day online Workshop for Faculty on 'Service Learning' during 11.01.2021 - 12.01.2021.
10. The IQAC organized a Guest Lecture on 'Preparation of Research Project Proposals for Funding' on 22.01.2021 for the faculty members with the Ph.D.
11. The IPR cell in association with the IQAC organized a webinar on 'Innovation and Intellectual Property Rights' during 18.02.2021 - 19.02.2021.
12. The IQAC organized Two-day online workshop on 'Capacity Building in Higher Education' during 05.03.2021 - 06.03.2021.
13. The PG departments of Business Administration and Mathematics in association with the IQAC organized an International Webinar on Breaking the Glass Ceiling – Rise of Women as Leaders on 08.03.2021.
14. The Eco Ambassadors Club in association with the IQAC organized National Webinar on Climate Change and Next Gen Leadership on 16.04.2021.

For non-teaching staff:

1. One-day workshop on Balance Life and Work on 04.11.2020.
2. One-day training programme on Professional Values, Ethics and Interpersonal Relationship in Work Quality and Service Delivery on 13.02.2021.

Collaborative Quality Initiatives with other Institutions

1. The Department of Zoology organized National Webinar on 'Genomics of SARS Corona Virus 2' in collaboration with the Department of Botany, Andhra Loyola College, Vijayawada on 11.07.2020.
2. Offered new programme B.Sc. (Agriculture & Rural Development) in collaboration with the Global Institute of Professional Studies and Educational Society and took care of teaching classes, practicals and other training activities.
3. Department of Economics in collaboration with M. R. Pai Foundation organized Virtual Leadership Programme and held sessions on Goal Setting, Time Management, Team Work Communication Skills and Stress Management for 45 students during 26.09.2020 - 27.09.2020.
4. The IQAC organized 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 University on June 8, 9, 15, 16, and 19, 2020.
5. The IQAC organized Five-Day Online Workshop on 'Formal Written Communication', in collaboration with Christ University, from 19.10.2020 to 23.10.2020.
6. The Department of Physics organized an International Webinar on 'Impact of Physics in Healthcare' in collaboration with Emtron Technologies, Mumbai during 14.10.2020 - 16.10.2020.
7. Organized in collaboration with Youth4Jobs foundation an online International Day of Persons with Disabilities Day-Career Guidance Workshop on 03.12.2020.
8. Provided training programmes for faculty and students in the areas of Information and Communication Technology. 16 students completed 3 courses: 'Getting Started with Robotic Process Automation', Principles of Design Thinking' and 'Introduction to Cyber Security' offered by the ICT Academy's Skill Edge programme. 3 faculty completed 6-day training programme on 'Digital Teaching Techniques', 2 on 5-day training programme on Stress management' and 1 on 5-day training programme on 'Angular JS'.
9. Signed an MoU with HEPSN (Higher Education for Persons with Special Needs), Andhra Loyola College on 29.01.2021 and Ms. K. Vineetha of 1st B.Sc. (MSCs) was facilitated with a scholarships worth Rs.10000 offered by Help the Blind Foundation.

10. 22 students of III B.Sc. MECs completed a 1-week online course in Air Conditioning offered by Siemens in collaboration with ALIET, Vijayawada from 27.01.2021 to 1.02.2021.
11. 18 students did one month of Internship in collaboration with CA.Venu Gopal Dasinenei - CA FIRM on e-filing of returns started on 02.02.2021.
12. 30 students attended the Academic Readiness Boot Camp and were certified in the 10-week long online Academic Reading Course offered by The Regional English Language Office at U.S. Embassy, New Delhi in collaboration with Indiana University from 8.02.2021 to 21.04.2021.
13. Initiated and established Campus Cops Programme on 16.12.2020 and released posters of Anti-human Trafficking in collaboration with International Justice Mission India.
14. Offered a 96 hr. Certificate Course in Banking, Finance and Insurance in collaboration with Bajaj Finserv from 20.02.2020 to 10.05.2021. 93 students were certified.
15. Offered two 30 hr. certificate courses from 22.02.2021 to 31.03.2021 in collaboration with Andhra Pradesh State Skill Development Corporation (APSSDC): (i) Amazon Web Services in which 46 students were certified. (ii) e-Commerce & Digital Marketing in which 41 students were certified.
16. The department of Economics held an Online National Level Essay Writing Competition in collaboration with GNOSIS open until 25.02.2021.
17. Anti-Human Trafficking Club of Maris Stella College conducted Million Minds Global Campaign: Awareness and Signature Campaign on Dignity for Women and Children on 31.03.2021 in collaboration with Vasavya Mahila Mandalia to facilitate sensitization events on domestic violence and violence against women among the students and faculty and to promote student activity against domestic violence.
18. The IQAC organized a workshop for faculty on 'Climate Change Education' on 8.03.2021 in collaboration with 'The Climate Reality Project India' and registered for the 'Green Campus Programme' as an initiative for a greening programme on campus.
19. The department of Statistics organized an awareness programme on 'Awareness on Statistical System and its Functions in India' on 24.03.21 in collaboration with NSSO (FOD), Vijayawada and conducted a quiz competition.
20. Offered integrated BA with IAS in collaboration with the Takshasila IAS Academy and launched coaching classes for competitive exams and other training activities.

21. The department of Social Work conducted Legal Awareness Training for Women - Training and awareness programme in collaboration with Vijaya Mary Integrate School on 27.03.2021
22. Signed an MoU with NOVOTEL Hotels & Resorts on 27.03.2021. The Dept. of Tourism and Travel Management organized an industrial tour to Novotel Varun, Vijayawada on 15.03.2021 to train the Tourism Students.
23. 6 students of the Dept. of Tourism & Travel Management completed a 4-Week Internship at Novotel Varun, Vijayawada from 12th April, 2021.
24. The Eco Ambassadors and the IQAC in collaboration with Talithakumi Unnathi organized Poster Contest on Climate Change & My Mother Earth on 15.04.2021.

Orientation Programmes on Quality Issues Organized

1. The IQAC conducted orientation programmes 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. Dr. C. Krishnaveni, Coordinator, IQAC took sessions for the faculty on 02.11.2020 and students on 21.09.2020 and 18.03.2021.
2. The Deans, Student Affairs in association with the IQAC organised a week-long 'Student Induction Programme' for freshers, during 21.09.2020 - 26.09.2020.
3. 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 23.11.2020.
4. The department of Computer Science in association with the IQAC organized a State Level Webinar on 'Awareness of Trends in Technology' on 01.02.2021.
5. The department of Chemistry in association with the IQAC organized an 'Awareness Programme on Gender Equity' during 4.02.2021- 5.02.2021.
6. The Career Guidance and Placement Cell organized one- day workshop on 'Resume Building' for final year students on 11.02.2021.
7. The Deans, Student Affairs in association with the IQAC organized a workshop for the students on 'Leadership' on 23.03.2021.

Academic and Administrative Audit

Conducted Internal Academic and Administrative Audit during 26.04.2021 -28.04.2021. The action plan was implemented from Aug. 2021.

NIRF Ranking

Submitted Institute Data for NIRF-2021 to take part in NIRF ranking

ISO Certification

Certified ISO 9001: 2015 for providing quality education:

Issue Date: 21.12.2018

Renewal Date: 20.12.2021

First Surveillance Audit: 20.12.2019

Second Surveillance Audit: 20.12.2020

Certified ISO 50001: 2018 for Implementation of Energy Saving Practices

Issue Date: 26.03.2021

Renewal Date: 25.03.2024

First Surveillance Audit: 25.03.2022

Second Surveillance Audit: 25.03.2023

Gender Sensitization Audit

Issue Date: 26.03.2021

Renewal Date: 26.03.2022

Certified ISO 14001: 2015 for Implementation of Greenery and Environmental Promotion Activities

Issue Date: 26.03.2021

Renewal Date: 25.03.2024

First Surveillance Audit: 25.03.2022

Second Surveillance Audit: 25.03.2023

Other Certification

Received Certificate of Appreciation for contributing 3500 Kgs of paper waste to ITC-WOW, a Nation Wide Recycling initiative, during 2020.

Received Certificate of Recycling from GreenWaves Environmental Solutions on 23.04.2021 for E-Waste Management.



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IQAC Summary on
Faculty Participation in FDPs / PDPs / RCs / OCs / Induction Programmes
/ Short Term Courses / Training Programmes / Workshops / Conferences /
Seminars / Webinars / Certificate Courses: 2020-21

The IQAC takes considerable effort to ensure the participation of the staff in Faculty Development Programmes (FDP), Professional Development Programmes (PDP), Refresher Courses (RC), Orientation Courses (OC), Induction Programmes (IP), Short Term Courses (STC) conducted by Academic Staff Colleges.

Department (UG & PG)	FDP	RC	International Webinar	SWAYAM NPTEL/ARPIT
Language	3			
Arts	10			1
Physical Sciences	18	3		1
Life Sciences	2		1	
Commerce	3			2
Business Administration				
Total	36	3	1	4

The IQAC conducts FDPs, PDPs, Training Programmes, and Workshops for the faculty to improve their professional knowledge and competence. The faculty are also encouraged to attend Training Programmes (TP), Workshops (WS), Conferences (Conf.), Seminars/Webinars (National & International) organized by the other institutions and do Certificate Courses for professional development.

Department (UG & PG)	TP/WS/Conf/Sem/Web/FDPs/Certificate Courses done
Language	16
Arts	121
Physical Sciences	260
Life Sciences	83
Commerce	39
Business Administration	47
Total	566

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A Brief Report on
INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT (AAA)
Academic Year: 2020-21

The purpose of conducting the Academic and Administrative Audit (AAA) is to evaluate the performance of the various departments and of the institution and to give suggestions for further improvement of quality in curriculum, teaching, learning, evaluation, research, innovation, extension and administration.

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.

Members of the Internal AAA:

1. Dr. Sr. Jasintha Quadras, Chairperson, AAA
2. Dr. Sr. G. Innyasamma, Vice-Principal
3. Ms. K. Hannah Anuhya, Vice-Principal
4. Dr. Girija Nambiar, Dean, Planning and Communication
5. Ms. B. Santha Kumari, Dean Administration
6. Dr. Sr. P. Japamalai, Dean, Academic Affairs
7. Dr. H. Kanaka Durga, Dean, Academic Affairs
8. Dr. G. Little Flower, Head, Dept. of Physics & Dean, Student Affairs
9. Dr. K. Naga Sundari, Director, MBA
10. Dr. B. Josephine Sandhya Rani, Head, Dept. of Economics
11. Dr. C. Krishnaveni, IQAC Coordinator & Coordinator, AAA

The schedule:

S. No.	Department	Date	Time
Day 1	English (UG & PG); Telugu; Sanskrit; Hindi;	26.04.2021	9.00 am - 11.00 am
	History; TTM; Economics (UG & PG); Political Science;	26.04.2021	11.00 am - 1.00 pm
	Social Work; Journalism; Mathematics (UG & PG); Statistics;	26.04.2021	2.00 pm - 4.00 pm
Day 2	Physics; Chemistry; Computer Science; Electronics;	27.04.2021	9.00 am - 11.00 am
	Botany; Zoology; Food Science & Technology; Microbiology;	27.04.2021	11.00 am - 1.00 pm
	Biochemistry; Biotechnology; Agriculture & Rural Development;	27.04.2021	2.00 pm - 3.30 pm
Day 3	Commerce & Management Studies; MBA; Library & Information Sciences; Physical Education;	28.04.2021	9.00 am - 11.00 am
	Examination Section; College Office;	28.04.2021	11.00 am - 12.00 pm
	NSS; NCC; STARS;	28.04.2021	12.00 pm - 1.00 pm

Each department was given 15 minutes to present their 'Departmental Data' and the strengths and challenges of the department using PowerPoint.

The committee went through the 'Departmental Data' of each department and recorded the observations and recommendations for a quality-oriented academic framework.

The report of the Internal AAA was placed before the IQAC for reviewing the activities of the departments and the institution and to formulate a plan of action for implementing the recommendations.

Observations:

1. No consultancy services.
2. Very few research publications and only two funded research projects.
3. Only one research guide
4. No patents
5. Only a limited number of extension activities were carried out through NSS.
6. Logbooks on the utilization of infrastructure facilities like virtual classrooms, digital classrooms are to be updated.

Recommendations:**I. Curricular Aspects:**

1. Offer research projects / study projects to advanced learners as an additional component to promote academic research.

II. Teaching-Learning & Evaluation:

2. Train faculty for consultancy services.
3. Plan for community service activities by every department and involve every student.
4. Regular update of records (soft): college activities, departmental activities, result analysis, faculty profiles, student achievements and progression and document them in departmental drives.
5. Vision and Mission of each department to be prepared and uploaded to the college website.
6. Measure the attainment of course and programme outcomes.
7. Organize workshops / seminars on industry-academia innovative practices.
8. Strengthen 'Physical Education Department' to concentrate on student participation in sports and games (on and off campus) and organize competitions open to all students every academic year.
9. Each department to organize at least one gender sensitization programme involving students to promote gender equity
10. Encourage leadership, field experience, creative activities, volunteer experience among students by giving them space and scope in related areas.
11. Organize more programmes exclusively for advanced learners

III. Research, Innovation & Extension:

Research

12. Submit fresh proposals for research projects, endowments, seminars, conferences etc. to funding agencies like DST, FIST, ICSSR, UGC etc.
13. Apply for guideships to promote research culture among faculty members.
14. Publish research articles in reputed journals and books / chapters in books.
15. Apply for patents.
16. Utilize authenticated software for plagiarism check.
17. Collaborate with industry, community and NGOs for research, faculty exchange, student exchange, extension and outreach programmes.

Innovation

18. Try for linkages with industries, institutions, government and non-government agencies for student internships, on-the-job training, project work, sharing of research facilities etc.
19. Sign MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. for collaborative activities.
20. Strengthen extension and outreach activities carried out through NSS in the neighbourhood to sensitize students to social issues.

Extension

21. Start-ups for innovations and creation
22. Institution to offer corporate training

IV. Infrastructure & Learning Resources:

23. Maximize the utilization of virtual and digital classrooms and update the logbooks.
24. Facilities to be provided for e-content development: Lecture Capturing System (LCS)

V. Student Support & Progression:

25. Offer guidance/coaching to students for competitive examinations.
26. Student Club activities to be more participative to identify and promote the talents and skills of students.
27. Track the students enrolled in higher education, qualified in state / national / international level examinations and update student progression register.
28. Train and encourage students to take part in sports / cultural activities at national / international level.
29. Encourage student representation in academic bodies
30. Good and catchy names to be given to student support schemes.

VI. Governance, Leadership & Management:

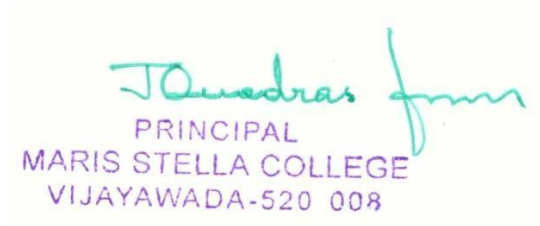
31. The IQAC to take up collaborative quality initiatives with other institution(s).

VII. Institutional Distinctiveness & Best Practices:

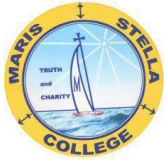
32. Departments and faculty to apply for awards and recognition for research and extension activities at state, national, international level from Government / Non-Government and recognised bodies.

33. Strengthen alumni contribution for the development of the institution through financial and other support services.

34. Organize more programmes on sensitization of students and employees of the institution to the constitutional obligations: values, rights, duties and responsibilities of citizens.



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IQAC Report on Results: 2020-21

UG Programmes registered the following results:

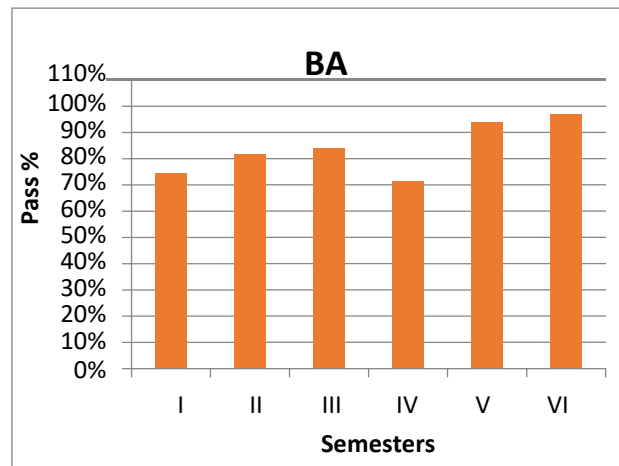
B.A. 95.10%, B.Com. 91.78%, BMS 93.10% and B.Sc. 80.83%.

The overall percentage was 86.38.

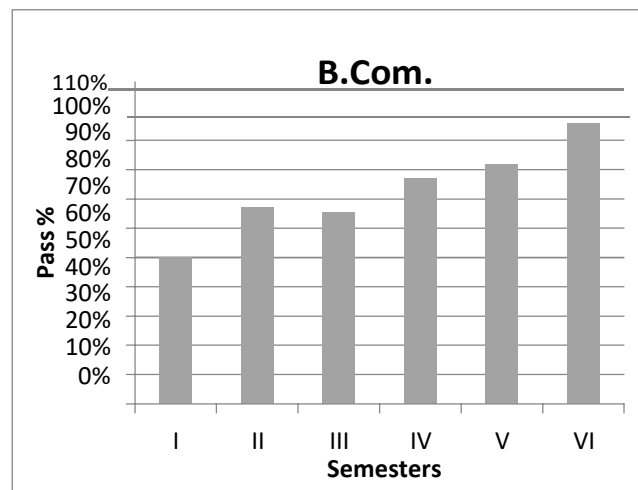
The PG Programmes secured 100% result.

2018 Batch:

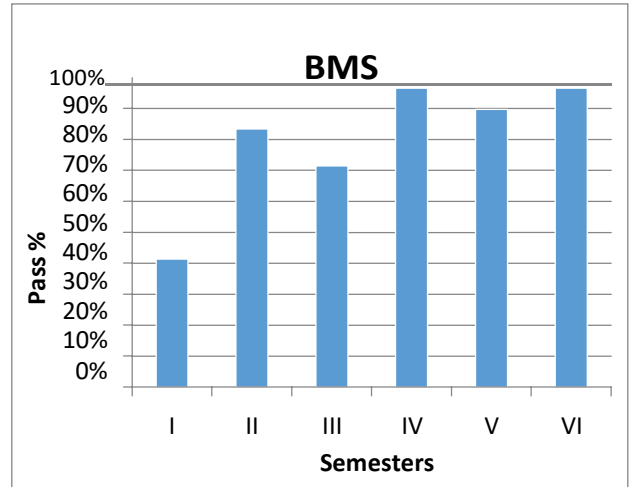
BA			
Semesters	App.	Pass	Pass%
I	110	82	74.55
II	103	84	81.55
III	100	84	84.00
IV	105	75	71.43
V	101	95	94.06
VI	102	99	97.06



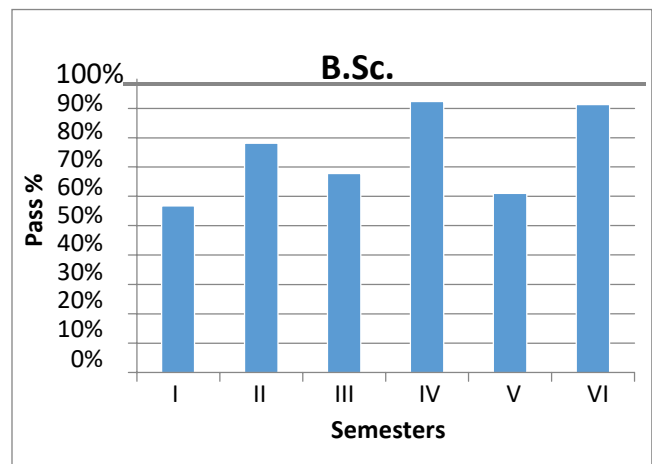
B.Com.			
Semesters	App.	Pass	Pass%
I	80	40	50.00
II	73	49	67.12
III	72	47	65.28
IV	74	57	77.03
V	71	58	81.69
VI	73	70	95.89



BMS			
Semesters	App.	Pass	Pass%
I	29	12	41.38
II	30	25	83.33
III	28	20	71.43
IV	29	28	96.55
V	29	26	89.66
VI	29	28	96.55

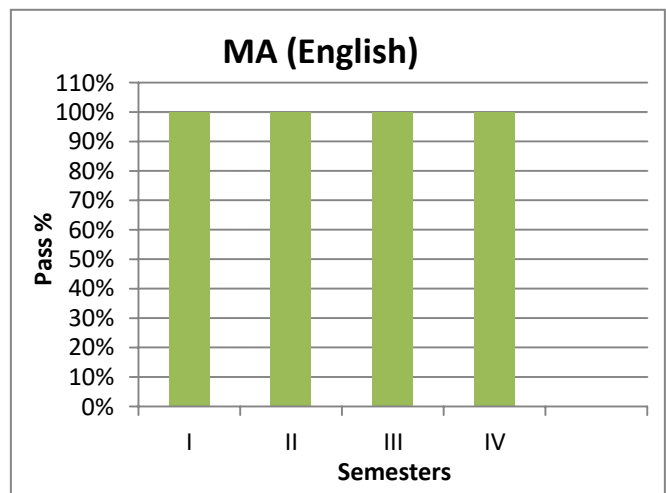


B.Sc.			
Semesters	App.	Pass	Pass%
I	291	165	56.70
II	270	211	78.15
III	261	177	67.82
IV	262	242	92.37
V	262	160	61.07
VI	266	243	91.35

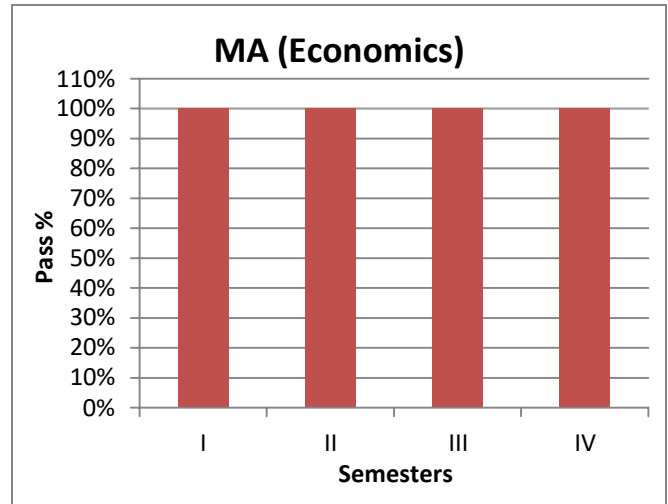


2019 Batch :

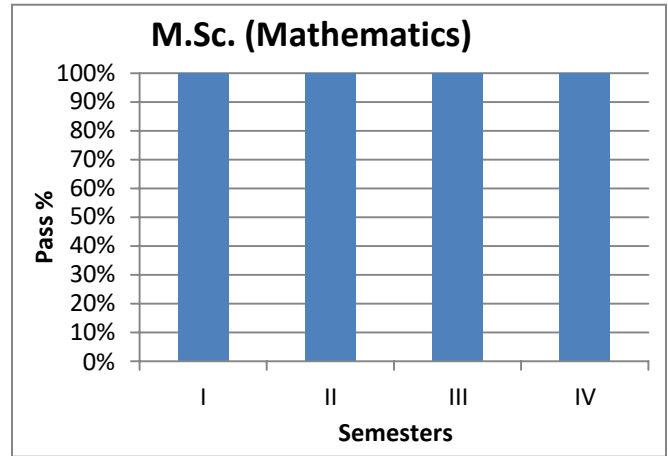
MA (English)			
Semesters	App.	Pass	Pass%
I	16	16	100.00%
II	16	16	100.00%
III	16	15	93.75%
IV	15	15	100.00%



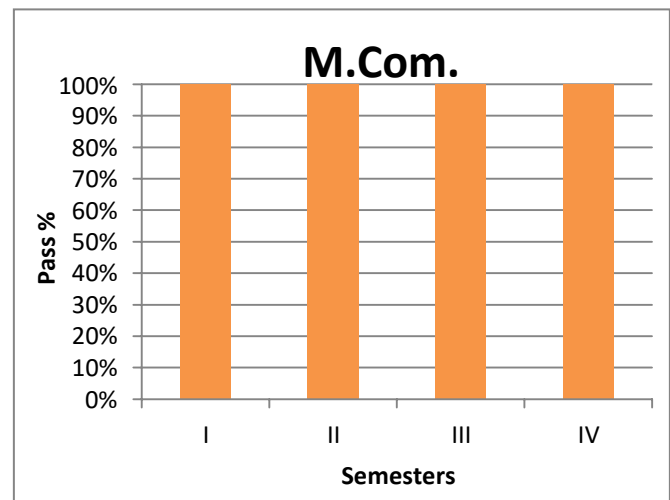
MA (Economics)			
Semesters	App.	Pass	Pass%
I	10	10	100.00%
II	10	10	100.00%
III	10	10	100.00%
IV	10	10	100.00%



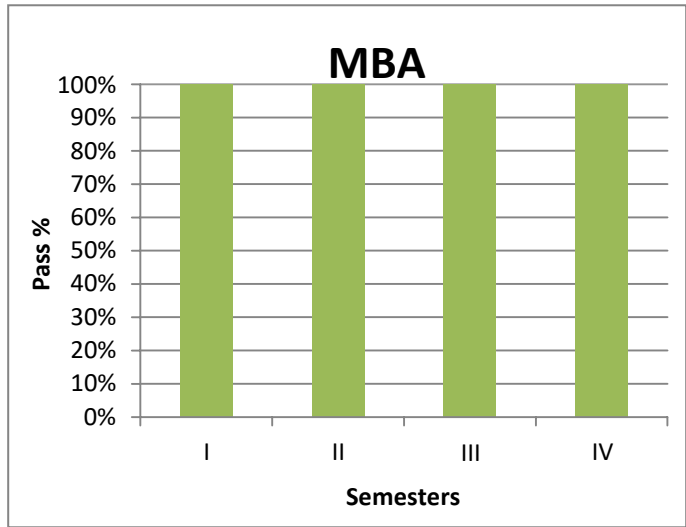
M.Sc. (Mathematics)			
Semesters	App.	Pass	Pass%
I	15	15	100.00%
II	14	14	100.00%
III	13	13	100.00%
IV	13	13	100.00%




M.Com.			
Semesters	App.	Pass	Pass%
I	5	5	100.00%
II	5	5	100.00%
III	5	5	100.00%
IV	5	5	100.00%



MBA			
Semesters	App.	Pass	Pass%
I	36	35	97.22%
II	36	35	97.22%
III	34	34	100.00%
IV	34	34	100.00%




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