

**MARIS STELLA COLLEGE (AUTONOMOUS)**  
**Department of Computer Science**  
**2021-2022**

**Names of Courses offered:**

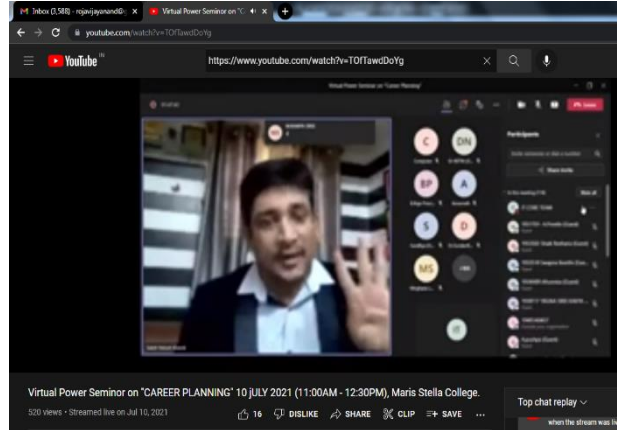
- B.Sc(MPCS) – Mathematics, Physics, Computer Science
- B.Sc(MECS) – Mathematics, Electronics, Computer Science
- B.Sc(MSCS) – Mathematics, Statistics, Computer Science
- B.Com (C) – Computers
- As a part of life skill courses, Basic Computer Applications and Information and Communication Technology courses are offered to first year degree students.

**Faculty details: (2021 – 2022)**

<b>S.No</b>	<b>Name of the faculty</b>	<b>Qualification</b>	<b>Designation</b>	<b>Years of experience</b>
<b>1.</b>	<b>Ms. E. Grace Lydia</b>	<b>M.C.A</b>	Lecturer, HoD	<b>06</b>
<b>2.</b>	<b>Ms. P. Vidhyavathi</b>	<b>M.C.A</b>	Lecturer	<b>07</b>
<b>3.</b>	<b>Ms. P.Malathi</b>	<b>M.Sc, M.Tech</b>	Lecturer	<b>05</b>
<b>4.</b>	<b>Ms. K. Haripriya</b>	<b>M.C.A</b>	Lecturer	<b>01</b>

## Activities during the academic year-2021-2022

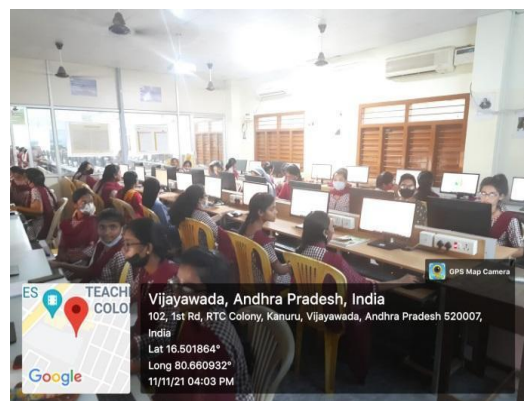
- The Department of Computer Science organized a Virtual Power Seminar on ‘Career Planning’ by Mr. Satish Valiveti, CEO, Aspiring Minds for all UG final year students on 10.07.2021 from 11 am – 12:30 pm.



- Department of Computer Science organized a Guest Lecture on “Cloud Computing” by Mr.T.Sasikanth Associate Manager, Accenture for all final year students of B.Sc & B.Com(Computers) Programme on 25<sup>th</sup> October 2021.



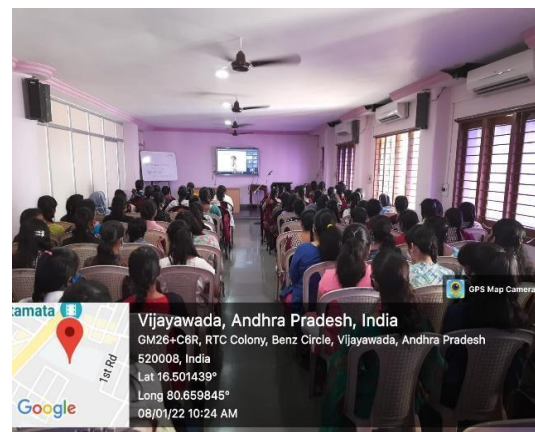
- The Dept. of Computer Science conducted orientation to all Degree First Year students of batch 2021-22 about G-suite email-id and Google Classroom on 11<sup>th</sup> November 2021.



- Department of Computer Science organized a Guest Lecture on “Ethical Hacking & Cyber Security” by Mrs. Chaitanya Rani, CEO, SPYPRO Security Solutions for all Second year students of B.Sc Programme on 30 November 2021.



- The IQAC along with Department of Computer Science organized a Virtual Power Seminar on ‘Awareness of Trends in Technology’ by Mr. Anand Shankar for all UG students on 08.01.2022 from 10 am – 12 pm.



- Orientations are given on various internships for all the B.Sc (MPCS, MSCS, MECS) students by VXL IT Solutions, Spypro Security Solutions Pvt.Ltd, Wright Tech and Hyper Techno Solutions on 25-02-2022 and 05-03-2022.





## Faculty Paper Publications:

### E. Grace Lydia

- Published an article entitled “Implementation of Interactive Computing Systems For HCI”, in Dogo Rangsang Research Journal : ISSN 2347-7180 Vol. 08, Issue. 14, No. 02 : 2021 UGC Care Approved, Group I, Peer Reviewed, Bilingual, and Referred Journal, November 2021.
- Published an article entitled “A Novel Approach For QOS Of 5G Wireless Technologies”, in Journal of Education: Rabindra Bharati University ISSN : 0972-7175 Vol. : XXIII, No. :10, 2021 UGC CARE Approved, Peer Reviewed and Referred Journal, November 2021.

### P. Vidhyavathi

- Published an article entitled “A Novel Approach For QOS Of 5G Wireless Technologies”, in Journal of Education: Rabindra Bharati University ISSN : 0972-7175 Vol. : XXIII, No. :10, 2021 UGC CARE Approved, Peer Reviewed and Referred Journal, November 2021.
- Published an article entitled “Implementation of Interactive Computing Systems For HCI”, in Dogo Rangsang Research Journal : ISSN 2347-7180 Vol. 08, Issue. 14, No. 02 : 2021 UGC Care Approved, Group I, Peer Reviewed, Bilingual, and Referred Journal, November 2021.

### P. Malathi

- “Deep Learning Challenges In Big Data Analytics”, Dogo Rangsang Research Journal: ISSN 2347-7180 Vol. 08, Issue. 14, No. 02 : 2021 UGC Care Approved, Group I, Peer Reviewed, Bilingual, and Referred Journal, November 2021.
- “A New Approach For Security Of Data Science And Data Science for Security Using Machine Learning”, in Journal of Education: Rabindra Bharati University ISSN 0972-7175 Vol.: XXIII, No. :10, 2021 UGC CARE Approved, Peer Reviewed and Referred Journal, November 2021.

### C. Hari Manasa

- “A New Approach For Security Of Data Science And Data Science for Security Using Machine Learning”, in Journal of Education: Rabindra Bharati University ISSN 0972-7175 Vol. : XXIII, No. :10, 2021 UGC CARE Approved, Peer Reviewed and Referred Journal, November 2021.

- Deep Learning Challenges In Big Data Analytics”, Dogo Rangsang Research Journal: ISSN 2347-7180 Vol. 08, Issue. 14, No. 02 : 2021 UGC CareApproved, Group I, Peer Reviewed, Bilingual, and ReferredJournal, November 2021.

**Students Participation:**

- B. Maansi of I BCom (Computers) participated in State level technical event, organized by Department of Computer Science, TechSparks-2K21 held at SDMSK on 08-12-2021 and won 2<sup>nd</sup> prize in Produce Trailers.

Certificate link: [view](#)

- II & III B.Sc Computer Science students participated in Techno Banquet 2021 held at KBN College on 15-12-2022. The following students won prizes in different events:

Student Name	Group	Event Name	Place
V. Anitha	III MPCs	Paper presentation	I
R. Lavanya	II MSCs	Quiz	I
G. Haveela	II MSCs	Quiz	I
P.Divya	II MSCs	Quiz	I
M. Bhavitha Kaveri	III MSCs	Tech Tambola	II
P. Pavani	III MSCs	Flash Mob	I
A. Rama Devi	III MSCs	Flash Mob	I
K. Sumana Sri	II MSCs	Flash Mob	I
N. Jhansi Latha	III MSCs	Flash Mob	I
M. Mounika	III MECs	Flash Mob	I
A. Yamini	III MECs	Flash Mob	I
M.Divya Sri	III MECs	Flash Mob	I
B. Chandana	III MSCs	Flash Mob	I

Student participation certificate link: [view](#)

- B.Sc Computer Science students participated in BLITZKRIEG 2022, a One-day State Level Techno-Cultural Meet organized by Student Association of Computer Science held at PB Siddhartha College of Arts and Science on 07-01-2022.

Student participation certificate link: [view](#)

- T.Meghana, M. Navyasri and Y. Suneetha of I MPCS participated in SCIENTIA-2K21 organised by Department of Computer Science , Andhra Loyola College and won 1<sup>st</sup> prize in dance competition.

Certificate link: [view](#)

### **Faculty participation:**

#### **FDP:**

- E. Grace Lydia, P. Vidhyavathi and P. Malathi participated in National level one week Faculty Development Program on “Multi-Technology” from 28th June 2021 to 03rd July 2021 organised by the Department of Computer Science, P B Siddhartha College Of Arts & Science in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd.
- E. Grace Lydia, P. Vidhyavathi and P. Malathi participated in the five-day Faculty Development Programme on “OER and Publishing of Interactive Content Using H5P” held from 26th to 30th July, 2021 organised by the IQAC, Maris Stella College, Vijayawada.
- K.Haripriya has participated in 12 hours Faculty Development Program on Android Development with Kotlin (Online Live FDP) conducted by ICT Academy on 26<sup>th</sup> July 2021 to 30<sup>th</sup> July 2021.
- K.Haripriya has participated in 12 hours Faculty Development Program on Cybersecurity Essentials (Online Live FDP) conducted by ICT Academy on 23<sup>rd</sup> August 2021 to 27<sup>th</sup> August 2021.
- P.Vidhyavathi has participated in 12 hours Faculty Development Program on Fundamentals of AI (Online Live FDP) conducted by ICT Academy on 13<sup>th</sup> September 2021 to 17<sup>th</sup> September 2021.
- E. Grace Lydia, P.Malathi has participated in 12 hours Faculty Development Program on Introduction to Python Programming (Online Live FDP) conducted by ICT Academy on 27<sup>th</sup> September 2021 to 01<sup>th</sup> October 2021.
- K.Haripriya has attended Five Day Online Faculty Development Program at the Faculty Development Centre on the theme “Research Avenues and Challenges in Industry 4.0” from 31<sup>st</sup> Jan 2022 to 4<sup>th</sup> Feb 2022 in collaboration with the School of Mechanical Engineering of Shri Mata Vaishno Devi University, Katra.

#### **Conference (National):**

- E. Grace Lydia, P. Vidhyavathi and P. Malathi participated in a three day National virtual conference on ‘WOMEN EMPOWERMENT: GENDER, HEALTH AND SPACE SCIENCE’, jointly organized by the Department of Physics, and IQAC Maris Stella College, Vijayawada from 07<sup>th</sup> – 09<sup>th</sup> October, 2021.
- E. Grace Lydia, P. Vidhyavathi and P. Malathi participated in the ICSSR-SRC funded Three-day Virtual National Conference on “Towards Aatmanirbhar Bharath : Realization of a Five Trillion Dollar Economy” held from 24th - 26th of May, 2022,

organised by the Department of Economics and Internal Quality Assurance Cell (IQAC).

**PDP:**

- E. Grace Lydia, P. Malathi and K.Haripriya has participated in Three-day Virtual Professional Development Programme on ‘Motivating Motivators: Practical Tips, Strategies and Skills’ organized by the IQAC from 18<sup>th</sup> to 20<sup>th</sup> November, 2021.

**Training Programme:**

- E. Grace Lydia, P. Vidhyavathi, P. Malathi and K.Haripriya has participated in the five-day virtual Faculty Training Programme on ‘Concepts and Service-Learning Models’ held from 7th to 11th February, 2022 organised by the IQAC, Maris Stella College, Vijayawada sponsored by the United Board, South Asia.