

CURRICULUM VITAE

1. **Name:** Jayashree Pathak
2. **Qualification:** M.Sc. (Maths.), B.Ed.
Diploma in Computer Programming (six months course).
A Certificate Course on PC based office automation software.
3. **Designation:** Assistant Professor
4. **Department:** Department of Mathematics and Statistics.
5. **Date of Joining:** 07.01.1998 (Non-sanctioned), 26.04.2018 (Sanctioned)
6. **Date of birth:** 12-02-71.

Participation / Presentation in Seminars :

- Participated in a seminar on “Rural Industrialisation in Assam” organized by Extension Education Cell, K.C.Das Commerce College in association with Khadi and Village Industries Commission (KVIC) on 6th November, 2004.
- Participated in a seminar on “Insurance- The Fastest Growing Sector in India” organized by the Deptt. Of Finance, K.C.Das Commerce College in association with the Life Insurance Corporation of India, Guwahati held at K.C.Das Commerce College on 19th November, 2004.
- Participated in a seminar on “Rural Industrialisation in Assam” organized by Extension Education Cell, K.C.Das Commerce College in association with Khadi and Village Industries Commission (KVIC) on 6th November, 2004.
- Participated in a NEC Sponsored National Level Workshop on Undergraduate Commerce Syllabus in the context of Changing Business Scenario held at Gauhati Commerce College on May 29th-30th, 2007.
- Participated in a seminar on Public Funded Education System: Challenges and Responsibilities held at K.C.Das Commerce College on 24th December, 2008.
- Participated in a U.G.C. Sponsored National Seminar on Development of Youth and Role of Higher Education with Special reference to Assam organized by Dispur college, Guwahati held at Dispur College on 30th and 31st January, 2008.
- Participated in the UGC sponsored National Conference on Financial Inclusion- The Issues and the future organized by K.C.Das Commerce College, Guwahati in collaboration with NEDFI held on 13th and 14th May, 2011

- Participated in a One Day Training cum Workshop for Motivators of Voluntary Blood Donation organized by Assam Aids Control Society held at State Institute of Health & Family Welfare, Khanapara, Guwahati On 11th May, 2012.
- Participated in a day-long workshop on “An overview of census operations” organized by the Cotton College Statistical Society in collaboration with the Directorate of Census Operations, Assam, ministry of Home Affairs, Government of India, held on 9th February, 2012.
- Participated in a state level workshop on “Re-structuring undergraduate curriculum and discussion on UGC guidelines and government rules and regulations” organized by Assam College Teachers’ Association in collaboration with K.C.Das Commerce College, Guwahati held on 1st December, 2012.
- Participated in UGC sponsored National Workshop on “Research Paper Writing and Presented” organized by K.C.Das Commerce College, Assam, Guwahati held on 22th and 23th March, 2013.
- Participated in a Departmental Guest Lecture on “Statistics and Research Methodology” organized by the Department of Mathematics and Statistics, K.C.Das Commerce College held on 24th September 2018.
- Participated in a workshop on “Intellectual Property Rights” organized by the Department of Management, K.C.Das Commerce College held on 25th October 2019.
- Participated in a National Seminar on “Education and Sustainable Development, Issues and Challenges in context to North East India” organized by K.C.Das Commerce College held on 8th and 9th January 2020.
- Participated in a Departmental Seminar on “Statistical Data, its Characteristics and Analysis” organized by Department of Mathematics and Statistics, K.C.Das Commerce College held on 20th May 2021.
- Participated in a Departmental Guest Lecture on “Correlation and Regression; Theory and Practice (using SPSS)” organized by the Department of Mathematics and Statistics, K.C.Das Commerce College held on 22nd March 2023.

Papers presented:

- Presented a paper in the National Conference on Biodiversity Conservation and Sustainable Economic Development in the North-Eastern Region of India: Integrity Natural and Social Sciences and Sustainability organized by K.C.Das Commerce College on January 28th & 29th, 2009. Presented paper was entitled “Threat to Biodiversity in North-East: A Statistical Study.

- Presented a paper in National Conference on Frontiers in Mathematics-2011 organised by Department of Mathematics, Gauhati University, Guwahati (UNDER UGC-SAP) held on 29th & 30th September, 2011. Presented paper was entitled “Helping Students to have a positive attitude towards mathematics through non-routine problems”.
- Presented a paper in the National Seminar on Frontiers in Science and Technology (58th Annual Technical Session of Assam Science Society) organised by Assam Science Society held on 8th and 9th March, 2013 at Gauhati University. Presented paper was entitled “Improving tests by using item analysis with special reference to eighth standard students of three sampled schools of Guwahati”.

Papers published in a journal:

- A paper entitled “Strategies to help students have a positive attitude towards Mathematics” published by The Centre for Mathematical Education and Research, India. (ISSN 2278-0769, Volume 01, Number 01), May 2012.
- A paper entitled “Determination of Sample Size Related to Data of Different School Students of Guwahati” published in International Journal of Statistics and Analysis (ISSN 2248-9959 Volume 3, Number 5 (2013), pp. 465-481).
- A paper entitled “Improving tests by using item analysis with special reference to eighth standard students of three sampled schools of Guwahati” was published in Far East Journal of Mathematical Education. (ISSN 0973-5631, Volume 12, Number 1, 2014, pp 27-46).

Other participation:

- On 15.9.2018 participated in an awareness programme on “Beti Bachao and Beti Padhao” mission organized by Department of Social Welfare Office of the District Social Welfare Officer, Government of Assam, Kamrup Metropolitan District, Beltola, Guwahati-28 held at District Commissioner office, Panbazar, Guwahati-1
- On 08.03.2022 participated in community work by distributing food in Guwahati Railway Station on the occasion of International Women’s Day. Total 22 teachers and students participated in the community work.
- Appointed as Protocol Officer in connection with a conference of Common Wealth Parliamentary Association from 09.04.2022 to 12.04.2022.
- Engaged as Teacher- in-charge of Girls’ common room.
- Appointed as Program Officer of Red Ribbon Club, K.C.Das Commerce College by Assam Aids Control Society.
- Appointed as External Evaluator for Gunotsav from 02.6.2022 to 04.6.2022.
- On 01.03.2023 participated in the Y20 Talk Series on the topic “Indian Knowledge System” held at Cotton University, Guwahati.
- On 03.03.2023 appeared for the online assessment of NEP at SWAYAM platform.

Orientation Programme:

Participated in the UGC Sponsored Orientation Programme (OP 81) from 2nd November to 29th November, 2009 held at Academic Staff College, Gauhati University.

Participation in webinar, workshop and faculty development programme

1. Webinar on 'Awareness Programme on Online E-Resources' organised by IQAC, K.C. Das Commerce College on 20th May 2020.
2. Webinar on 'How Learning Japanese Language improves career prospects' organised by Career Guidance and Placement Cell, K.C. Das Commerce College on 23rd May 2020.
3. Webinar on 'Teaching in a Digital Age' organised by IQAC, K.C. Das Commerce College on 30th May 2020.
4. International Webinar on 'Urban Air Quality Assessment Using a Mathematical Model' organised by IQAC and Department of Mathematics, Sri Kanyaka Parameswari: Arts and Science College for Women on 5th June 2020.
5. Webinar on 'Time For Nature, Appreciate and Protect Biodiversity' organised by Department of Zoology, Biswanath College on 5th June 2020.
6. National Webinar on 'Job Market Prospects in Post COVID-19' organised by Career Guidance and Placement Cell, K.C. Das Commerce College on 6th June 2020.
7. One Week Online National Level Faculty Development Programme (FDP) on 'Contemporary Issues in Business Studies' organized by Department of Commerce, Dibrugarh University from June 1, 2020.
8. Webinar on 'Migration of labour and COVID-19: Impact on Indian Economy, Assam and the North-East' organised by Royal School of Humanities and Social Sciences (RSHSS), Royal Global University on 12th June 2020.
9. International webinar on 'State of Education during COVID-19 Pandemic in Morocco' organised by IQAC of Karmashree Hiteswar Saikia College, on 13th June, 2020.
10. Webinar on 'From Local to Global: Ideas for a better future' organised by IQAC, K.C. Das Commerce College on 13th June 2020.
11. National Webinar on 'Awareness Program on Soft Skills through Virtual Learning and SSKAPE Workshops' organised by Career Guidance and Placement Cell, K.C. Das Commerce College on 14th June 2020.
12. National Webinar on 'Modernism in Indian English Literature' organised by Department of English, Kamrup College on 14th June 2020.
13. Training programme on 'Online Teaching-Learning Tools' organised by Assam College Librarians' Association on 15th June 2020.
14. Webinar on 'Turning COVID Challenges to Opportunities: Exploring Entrepreneurial Potentials in Native Bioresources' organised by IQAC, This College on 16th June 2020.
15. International Webinar on 'Indian Music in Stress Management during Pandemic' organised by Department of Music, Arya Kanya P.G. College on 17th June 2020.
16. Webinar on 'Career Challenges Post Covid-19' organised by the Department of Commerce, University of Science and Technology on 26th June 2020.
17. National Webinar on 'Chinese Strategic challenges during the Pandemic' organised by the Department of Political Science, Suren Das College on 27th June 2020.
18. Two Day National Webinar on 'Impact of Covid-19 on Indian Economy: Issues and Challenges' organised by Department of Commerce, Ramthakur College on 28th-29th June 2020.
19. Webinar on 'Progress in Life Through Cosmic Energy' organized by IQAC and Centre For Yoga and Mental Health, Abhayapuri College on 29th June 2020.

20. National Webinar on 'Pandemic, Reading Culture and the Changing Nature of Books'organised by IQAC & Department of English, H. P. B. Girls 'College on 29th June 2020.
21. One week National level online Lecture series on 'Virtual Teaching-Learning Process and Mental Status' organized by the Department of Education, Sadhan Chandra Mahavidyalaya from 29th June to 5th July 2020.
22. National Webinar on 'Intellectual Property Rights (IPR)' organized by IQAC, H. P. B. Girls'Collegeon 30th June 2020.
23. Webinar 'Basics of Graph Theory and Number Theory' organised by Guwahati Collegeon30 June, 2020.
24. NationalWebinar on 'সাম্প্রিকপ্ৰেক্ষাপটত অসমীয়াসাহিত্যৰ বৰষুণ' organised by Literary Forum, Department of Assamese, Suren Das Collegeon 1st July 2020.
25. State Level Symposium on 'Legal Rights of Women and Children'organized by Department of Political Science, Dhakuakhana College on 3rd July 2020.
26. National Webinar on 'Revival of Assam Tourism Sector in Post Covid-19 Period' organised by the Department of History and IQAC, Suren Das College on 3rd July 2020.
27. National Webinar on 'Mental Health of Student Community During The Pandemic' organised by Counselling Cell and IQAC, Sure Das College on 4th July 2020.
28. National Level One Week Faculty Development Programme (FDP) on 'E-contents and ICT tools for innovative and Effective Teaching' organised by IQAZ and Department of Education, Nandalal Borgohain City College from 6th July to 12th July 2020.
29. Webinar on 'Challenges and Opportunities of future (post covid) in learning and placement: A strategic view' organised by Lumding College on 7th July 2020.
30. International Webinar on 'Exploring the Mayang Mystics: The Tantrik Knowledge Tradition in Practice'organised by IQAC, Mayang Anchalik College on 08 July 2020.
31. National Webinar on 'Impact of COVID-19 on Employment and Livelihood of Migrant Workers' organised by the Department of Economics, Debraj Roy College on 11th July 2020.
32. Faculty Knowledge Sharing Program on 'Modern Teaching Techniques organised by IQAC, K.C. Das Commerce Collegeon 11th July 2020.
33. Webinar on 'Statistical Analysis Using R' organised by School of Business and Management, Christ (Deemed to be University) on 13 July 2020.
34. National Workshop on 'Methods and Techniques of Data Collection and Analysis in Empirical Research' organised by IQAC , Dr. Rohini Kanta Barua Law College from 15th to July to 20th July, 2020.
35. Two day International Webinar on 'Data Presentation in Research Article and its Publication' organized by International Journal of Microbial Science on 19th and 20th July 2020.
36. International Webinar on 'Addressing various effects of COVID-19 Pandemic and Managing Stress' organised by K.C.Das Commerce College Teachers' Unit and IQAC, K.C.Das Commerce College on 25th July 2020.
37. Two Days National FDP on 'An Effective E- Content DevelopmentTools'organised by S.P.M.Tatyasaheb Mahajan Arts & Commerce Collegeon 29th and 30th July 2020.
38. National Webinar on 'Cyber Threats and Social Engineering Techniques' organised by Department of BCA, K.C. Das Commerce College on 1st of August2020.
39. National Webinar on 'Applications of SPSS in Social Science Research' organised by the Department of Mathematics and Statistics, K.C.Das Commerce College on 8th August 2020.

40. National Webinar on 'Impact of COVID-19 on Tourism: Issues, Challenges and Way Forward' organised by the Department of Economics, K.C.Das Commerce College on 18th August 2020.
41. Weeklong Online Workshop on 'Assessment and Evaluation' organized by Teaching Learning Centre, Tezpur University from 24th to 29th August 2020.
42. Webinar on 'Beauty of mathematics and wonderful applications' organised by Department of Mathematics and IQAC, Morigaon College on 30th August 2020.
43. Webinar on "Union Budget 2023; An Analyses" organized by the Department of Commerce, Gargaon College in collaboration with IQAC, Gargaon College on 6th March 2023.

Activities of Red Ribbon Club, K.C. Das Commerce College

As a Program Officer of Red Ribbon Club, K.C.Das Commerce College since its inception in the year 2012 and Convener of Awareness cell of Health and Hygiene, the following activities were executed.

1. On 24.01.2012 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Marwari Yuva Manch, Guwahati Branch. In this camp 50 units of blood was collected.
2. On 24.01.2012 Red Ribbon Club, K.C Das Commerce College organized an exhibition on Art and Craft. The theme was AIDS and HIV. Dr. U.C.Dutta, Director of Blood Bank, G.M.C.H. inaugurated the exhibition.
3. On 24.08.2012 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Marwari Yuva Manch, Guwahati Branch. In this camp 72 units of blood was collected.
4. On 23.01.2013 Red Ribbon Club, K.C.Das Commerce College organised an awareness programme on HIV/AIDS. It was conducted by Blood Bank, G.M.C.H. Dr. Anku Moni Saikia, Associate Professor, Department of Community Medicine, G.M.C.H. presented a paper on HIV/AIDS..
5. On 23.01.2013 Red Ribbon Club, K.C.Das Commerce College organised a Quiz Competition on HIV/AIDS awareness. It was inaugurated by Dr.U.C.Dutta, Director of Blood Bank, G.M.C.H.
6. On 13.02.2013 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. It was inaugurated by Dr.U.C.Dutta, Director of Blood Bank, G.M.C.H. In this camp 23 units of blood was collected.
7. On 23.10.2013 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Marwari

Yuva Manch, Guwahati Branch. Dr. Tirtha Chaliha, Director of Blood Bank, G.M.C.H inaugurated the camp. In this camp 58 units of blood was collected.

8. On 05.02.2014, Assam Aids Control Society in association with the Red Ribbon Club of various educational institutions organized a mass rally from Assam Engineering Institute Field, Chandmari to Nehru Stadium, Ulubari as part of a month long programme celebrated in connection with birth anniversary of Swami Vivekananda. Thirty four students of K.C.Das Commerce College participated in this mega event. Thereafter a mega Blood Donation camp was held in Nehru Stadium where students from various educational institutions voluntarily donated blood.
9. On 13.08.2014 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Marwari Yuva Manch, Guwahati Branch. In this camp 35 units of blood was collected.
10. On 13.08.2015 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Marwari Yuva Manch, Guwahati Branch. In this camp 68 units of blood was collected.
11. On 12.08.2016 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Marwari Yuva Manch, Guwahati Branch. In this camp 69 units of blood was collected.
12. On 26.04.2017 awareness cell of Health and Hygiene organized a health awareness lectures on the topic “ Drug Abuse and Herbal tips for positive health” in association with Lions Club of Guwahati Metro. The welcome address was given by the convener of the cell. Dr. Kamal Jain, a senior medicine consultant Marwari Hospital, Athgaon spoke on “Drug Abuse”. Dr. O.P.Gupta, Professor of Ayurvedic medicine in Govt. Ayurvedic college, Guwahati gave a talk on ‘Herbal health Tips’.
13. On 21.06.2017, Awareness Cell Of Health and Hygiene observed International Day of Yoga in association with Vivekananda Kendra Institute of Culture, Guwahati. The convener of the cell gave the welcome address. The principal of the college, Dr. Ghanashyam Nath in his brief speech spoke about the benefits of Yoga practices. Four team members of the Vivekananda Kendra namely, Sukanya Devi, Divakar Kalita, Priya Tiwari and Mahima Chaturvedi demonstrated various Aashanas to the students and teachers of the college.
14. On 08.9.2017 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Nari Shakti Foundation Assam (NSTA). In this camp 34 units of blood was collected.
15. On 08.9.2018 voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, Mahendra Mohan Choudhury Hospital and Marwari Yuva Manch- Guwahati Greater Branch. In this camp 32 units of blood was collected.

16. On 07.9.2019, a voluntary blood donation camp was organized by Red Ribbon Club, K.C.Das Commerce College in association with Blood Bank, G.M.C.H. and Teerapanth Yuva Parishad and Marwari Yuva Manch, Guwahati Branch. In this camp 26 units of blood was collected.
17. On 14.06.2022, Red Ribbon Club in collaboration with blood Bank, GMCH organized a Voluntary Blood Donation Camp on the occasion of Blood Donor's Day. In this Camp, 17 units of blood were collected.
18. On 04.11.2022, Red Ribbon Club in collaboration with Marwari Maternity Hospital organized a Voluntary Blood Donation Camp to commemorate 39th College Foundation Day. In this Camp, 34 units of blood were collected.
19. On 01.12.2022, Assam Aids Control Society organized a rally on the occasion of World AIDS Day. The rally was flagged off by Elvis Ali Hazarika from the GMCH Complex at 8.00 am. A number of students from K.C.Das Commerce College took part in the rally along with other participants from various educational institutions. After the rally, an award giving ceremony was held in the GMCH auditorium. K.C.Das Commerce College was among the four colleges awarded and felicitated as the best colleges for valuable contribution towards the HIV awareness and voluntary blood donation camp. Hon'ble Health Minister of Assam, Keshav Mahanta was the chief guest of the programme.

Activities conducted by Awareness Cell of Health and Hygiene

As convener of Awareness Cell of Health and Hygiene, K.C.Das Commerce College the following activities were executed.

1. On 31.05.2012 World Tobacco Day was observed by Awareness cell of Health and Hygiene, K.C.Das Commerce College. Dr. Amal Chandra Kakati, Director of Dr. B. Barooah Cancer Institute declared K.C.Das Commerce College as "Tobacco Free Zone".
2. On 31.05.2012 Awareness cell of Health and Hygiene, K.C.Das Commerce College invited Dr. Shrabani Mishra, Department of Preventive Oncology, B. Barooah Cancer institute to deliver a lecture on Prevention Of Oral Cancer.
3. On 30.8.2014 Free Health Check Up was conducted by Awareness Cell of Health and Hygiene in association with Herbal Life.
4. On 26.4.2017 Health Awareness lectures on the topic, "Drug Abuse and Herbal tips for positive health" was organized by Awareness Cell of Health and Hygiene in association with Lions Club of Guwahati. 47 participated in the programme.
5. On 21.6.2017 International Yoga Day was celebrated which was organized by Awareness Cell of Health and Hygiene in association with Vivekananda Kendra, Guwahati. 15 students participated in the programme.

6. On 19.03.2020 an Awareness Campaign was organized on Corona Virus by Awareness Cell of Health and Hygiene, NSS, Scouts and Guides. 12 Teaching and Non-Teaching staff participated in the Campaign.
7. On 24.03.2022 an awareness camp on Enhancing the Health, Hygiene and Empowerment of Women in Guwahati City was initiated by Awareness Cell of Health and Hygiene, K.C.Das Commerce College. Total 18 teachers and students participated in the programme.
8. On 31.05.2022, Awareness Cell of Health and Hygiene in collaboration with Marwari Yuwa Manch Guwahati Greater and Agarwal Dental Care and Tobacco Cessation Centre organized a street play on Tobacco Awareness on the occasion of World No Tobacco Day. 20 students participated in the programme.
9. On 18.03.2023, Awareness Cell of Health and Hygiene and Women's Cell, K.C,Das Commerce College in collaboration with Lions Club of Guwahati City, and i-Care Vision and Oral health organized a free Eye and Dental Health checkup camp. A total of 102 students including teaching and non-teaching staff availed the checkup and treatment.