'It is the mark of an educated mind to be able to entertain a thought without accepting it' - Aristotle

Dayananda Sagar Institutions

The Dayananda Sagar Schools and Colleges of Science, Arts and Commerce are pioneering institutions founded by late Sri Dayananda Sagar in the early sixties. One of the India's leading educational institutions, a front-runner in the field of education today, Dayananda Sagar Institutions (DSI) operates under the aegis of the Mahatma Gandhi Vidya Peetha Trust, in Bangalore- described as the Silicon Valley of India.

Our institutions are characterized by the quality of education across a broad range of disciplines from pre-university courses to post-graduation and doctoral programs covering Engineering, Dental Sciences, Biological Sciences Arts, Commerce, Sciences, Pharmacy, Nursing, Allied Health, as well as Business Management and Information Technology.

Progressively a number of institutions offering diploma, degree and postgraduate courses in Engineering, Dental Sciences, and Pharmacy were added. Keeping pace with technological growth, Management, Information Technology education programmes, courses in Biotechnology and Microbiology have been introduced. Facilities for doctoral and post-doctoral work are now being introduced. DSI's commitment to internationalization is expressed in its collaborative research and exchange programmes involving institutions from across the globe.

Besides our high-caliber teaching staff, the students are given a challenging academic environment with well-equipped lecture theatres, laboratories, excellent libraries and computer networking facilities. Besides academics, we also have exceptional sports facilities. The hostel facilities cater to local and international students, encompassing the cultural and

THE FOUNDERS

Late Shri R Dayananda Sagar

Dayananda Sagar Institution is named in honour of its founder president Late Shri R Dayananda Sagar. He was a great, confident leader who saw no reason why, as an Indian, he could not provide education for all sections of society. Best known for his pivotal role in setting up the Mahatma Gandhi Vidya Peetha Education Trust (MGVP), Late Shri R Dayananda Sagar also played an important role in the education sector of the emerging India.

Late Smt Chandramma Sagar

(Late) Dr. Chandramma D Sagar was a nationally- renowned Obstetrician and Gynecologist who went on to serve as an Honorary Surgeon to three former Presidents of India and three Governors of State. She was the recipient of the highest of honors with a Gold Medal from Mysore Medical College while in University. To pursue her interests and education further, she headed to the United Kingdom in the 1950s. She was the first lady doctor from India to be bestowed with a triple FRCS; FRCS (London), FRCS (Edinburgh) FRCS (Glasgow). Her love for her country, India, and her people pulled her back to India where a bright future awaited her. She served as the Dean of Vani Vilas Hospital in Bengaluru, Karnataka. Later, in the year 1963, she founded Chandra Nursing Home, which is the building block of creating the very Sagar Healthcare Division. In the memory of Dr. Chandramma D Sagar, CDSIMER has been founded.

THE PATRONS

Dr. D. Hemachandra Sagar, the Chairman, Dayananda Sagar Institutions, is a renowned academician and well-known doctor, holds a great vision and mission towards educational forefront. His leadership is exhibited through the lenses of tremendous progress of DSI from its inception to Centenary year.

Dr. D. Premachandra Sagar, the Vice-Chairman, Dayananda Sagar Institutions, is a well-acclaimed academician and visionary whose vision has brought DSI as India's most renowned Institution. He has played a key role in identifying opportunities in the healthcare sector too. **Dr Sagar** is a voracious reader, widely traveled, very business like and takes decisions with great speed and he is also known for his oratory skill.

Shri Galiswami, the Secretary, Dayananda Sagar Institutions, is well known as Bhishma Pithamaha of DSI. He is a milestone and inspiration for his unconditional services towards the institution. He has always strived hard for the holistic development of the institution being a bridge among the students and the faculty.

MGVP TRUSTEES

Mrs. Tintisha Sagar   Mr. Rohan Prem Sagar   Ms. Natasha Sagar   Mr. Nishan Sagar
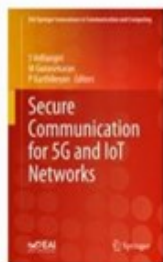
Dayananda Sagar College of Arts, Science and Commerce

Dayananda Sagar College of Arts, Science & Commerce was established in 1978-79. It is affiliated to Bangalore University offering various professional courses like MBA, M.Com, MCA, BBA, B.Com, BCA and B.Sc. Our goal is to impart value-based education along with the development of a positive attitude, better communication skills and abilities through Management Club Activities, Cultural & Sports and proficiency in preparing Business plans to apply knowledge in order to meet challenges of the future. Presumed institution, expert teaching staff and youth of the nation, together we have a great future. We look forward to keeping you acquainted with our progress as we move into the corporate world with employability skills.

STUDENTS ACHIEVEMENTS

1. Students from BCA Department attended a Workshop titled "The World of Data" undertaken by Rakuten India with Global Hunt Foundation.

2. Deepika G and Dev Desmond Chander, II MCA, presented a paper titled "Systematic Review of Security Challenges in Dev ops for Cloud" in an International Conference on 'Recent Innovations in Engineering & Technology for Sustainable Living-(RIETSL-2021)' organized by Career Point University, Kota (Rajasthan).

3. Srinivas Keerthi PS and Harsha B V, II MCA, presented a paper titled "A Comprehensive review of security issues of Micro services on Cloud" in an International Conference on 'Recent Innovations in Engineering & Technology for Sustainable Living-(RIETSL-2021)' organized by Career Point University, Kota (Rajasthan).

4. 74 BCA students completed Certification Course titled "Database Foundation" conducted by Oracle Academy; "Explore Emerging Tech "from IBM Skills Build and Python 101 for Data Science

5. About 255 MCA students completed Online Certification Courses like Introduction to Cyber Security, CISCO, Introduction to Packet Tracer, CISCO, Artificial Intelligence, Introducing Block Chain, AI & Cognitive etc.

Case Studies on 5G and IoT Security Issues from the Leading 5G and IoT System Integration Vendors

Authors   Authors and affiliations

S. C. Sandeep, Thenmozhi Rayan, Kumudavalli, Sathish Kumar

ACADEMIC ACTIVITIES

A Webinar on Life Skills

"The ideal country in a flat world is the one with no natural resources, because countries with no natural resources tend to dig inside themselves. They try to tap the energy, entrepreneurship, creativity, and intelligence of their own people-men and women-rather than drill an oil well" - Thomas L Friedman

In association with Centre of Innovation and Leadership –CIL, Department of BCA has conducted a webinar on "Life Skills" on 7th & 8th September 2021. Mr. Somiron Mitra, the trainer, focused on Creative thinking, Interpersonal Skills, Problem Solving, Art of Storytelling, Presentation Skills, Interview Skills, Management of Stress and Emotions etc.

Webinar on "Digital Transformation, IOT, Machine Learning, Artificial Intelligence, VR and

A Webinar Series on "Youth Empowerment Program organized by Rakuten Team in collaboration with Global Hunt Foundation" was organized by Department of BCA from 13th to 15th September 2021. It was really a brain storming session for II BCA students. On the Day 1 **Mr. Nishanth N,** the speaker, highlighted the importance of Internet of Things, and its Use Cases and Mr. Naveen KB covered the concepts of Machine Learning, Artificial Intelligence and Virtual Reality on day 2. Ms. Divya RS started the session 3 with the introduction of Cyber Security, Safety and Security in protecting information.

A Webinar on Roadmap to Cracking Internship & Placements Interviews

In association with Code Ninja, Coding Club, Dpartment of BCA conducted a webinar on **Roadmap to Cracking Internship & Placements Interviews** on 18th September 2021.

Workshop on "NEP Syllabus for BCA & B.Sc. (Computer Science)"

To equip BCA and B.Sc. students about the NEP syllabus, a workshop on NEP Syllabus was conducted 20th September 2021. Dr. Muralidhara B.L, Chairman, Department of Computer Applications, Bangalore University, was invited as the resource person.

The speaker oriented the syllabus based on the Model of all subjects, including teaching hours, pedagogy, Majors and Minors. It was witnessed by Prof. Hemanth U, Vice-Principal & HOD-BCA.

Soft Skills Webinar

Department of BCA in collaboration with CIL conducted an Online Training Session on "Believe in Yourself". Various topics like believing in one's ability to succeed, trusting one self, enhancing confidence levels and never giving up in life etc. were discussed.

FACULTY PAPER PRESENTATION/RESEARCH

1. Prof. Suneetha V, Dept. of MCA, Presented a Research Paper titled "Recent Innovations in Engineering & Technology for Sustainable Living" and Dr.Salini Suresh, Dept. of Dept. of MCA, Presented a Research Papers titled "A Comprehensive Review of Security Issues of Micro-Services on Cloud" & "Systematic Review of Security Challenges in DevSecOps for Cloud"   in an Online International Conference organized by Career Point University, Kota, Rajasthan.
2. Prof. Gurunath R, Dept. of MCA, presented paper titled "Insight into Artificial Neural Network Techniques, and its application in steganography" in an International Conference organized by Stanley College of Engineering and Technology for Women (Autonomous) Hyderabad.
3. Dr. C B V Krishna Prasad, Dept. of MBA, presented a paper titled "Sustainable Leadership: The Vital Determinant in VUCA World" in an International Conference titled ARISE 2021.
4. Prof. Ashwini Basavaraju and Shamitha, Aniket Paul, BBA students published a research paper titled "Digital Platforms: The New Normal" and Innovations in Agricultural Value chain, Farmer Producer's Organisation. in Vidyabharati International Interdisciplinary Research Journal – ISSN- 2319-4979.
5. Prof. Deepika H C contributed an articled tiled "The Review Is Out: Do They Matter?" in DSI Insight.

CERTIFICATION COURSES BY FACULTY

1. Dr. Kumudavalli M V, Dept. of BCA, completed Learning "Course Completion Statement CompTIA Cert Master Learn for Network+ N10-007; "Computer Networks and Internet Protocol"; "Data Analytics with Python" and "Deep Learning" on NPTEL platform.
2. Dr. Kavitha S, BCA Department, took part in E-FDP titled FDP "Data Base Management Systems" offered by NPTEL.
3. Dr. Chetan Shetty, MBA Department, participated in 3 Days FDP on "Cost Accounting" workshop on "Financial Modelling and Valuation" on NPTEL platform.

FACULTY ACHIEVEMENT

1. Prof. Sarakutty T K, Dept. of MCA, was awarded Certificate of Appreciation for being a Speaker for Three Days FDP – "Cloud Computing: New Paradigms" organized by DSI-Centre of Excellence.
2. Dr. Salini Suresh, Dept. of MCA, was awarded Certificate of Appreciation for Chairing a Session in an Online International Conference titled "Recent Innovations in Engineering and Technology for Sustainable Living (RIETSL – 2021)" organized by Career Point University, Kota, Rajasthan.
3. Dr. Suplab Kanti Podder was invited as a Resource Person in DBT Star College Scheme Sponsored 7 days Online International FDP on "E-Governance in New Normal Education" from 1st October 2021 to 6th October,2021.
4. Prof. Deepika H C has published an OPED Article titled "The Review is Out: Do They Matter?" in DSI Insight portal.
5. Dr. Kumudavalli has authored a book titled "Case Studies on 5G and IoT Security Issued from the leading 5G and IoT System Integration Vendors" published by EAI/Springer Innovations in Communication and Computing book Series (EAISICC).

FACULTY PARTICIPATION IN FDP OR WEBINARS

1. Prof. Rashmi.S, Dept. of BBA & B.Com, attended One Week Online MDP on "People Management: Managing and Leading during uncertainties", Organised by the Department of Management Studies, Ramaiah Institute of Technology, Bangalore from 20th to 25th September, 2021.

2. Prof. Rekha MP, Dept. of BBA & B.Com, Participated in Three Day online FDP on "Technologies for Effective Teaching, Learning and Evaluation" organised by Ayya Nadar Janaki Ammal College Madurai and also attended National level Workshop on National Educational Policy.

3. Prof. Aruna Devi C, Dr. Kumudavalli M V, Dr. Kavitha S, Dept. of BCA, Prof. Suneetha V, Dept. of MCA, attended Three Day FDP – "Cloud Computing: New Paradigms" organized by DSI-Centre of Excellence.

4. Dr.Kumudavalli M V, Dept. of BCA, attended E-FDPs on NPTEL platform titled "Computer Networks and Internet Protocol" , "Data Analytics with Python" and "Deep Learning".

5. Prof. Meenakshi N P, Dept. of BCA, attended 'National Level Online Special Lecture' titled "ಮೋಡಿ ಲಿಪಿ ದಾಖಲೆಯ ಸಾಹಿತ್ಯದ ಪರಿಕಲ್ಪನೆ" and also participated in "Best Principal / Teacher Category" organized by The Global TV, in association with the Ultimate Mentors, New Delhi.

6. Prof. T. Nayana, Dept. of MBA, attended One Week FDP on "Advanced Research methodology & Writing of High-Quality Research Papers at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur".

7. Porf. Vaibhav Patil, Dept. of MBA, attended One Week MDP on "People Management: Managing and Leading during uncertainties", Organised by the Department of Management Studies, Ramaiah Institute of Technology, Bangalore.

8. Dr. Chetan Shetty, Dept. of MBA, attended an FDP on Essentials of Successful Case Based Teaching' organized by the Institute of Business Management & Research (IBMR), IPS Academy, Indore in association with AICTE, New Delhi, and also attended a workshop on "Basics Of Financial Statements And Stock Markets" Organized by QUOLLAB - Virtual Equity Research.

9. Prof. Sarakutty T K, Dept. of MCA, attended International Seminar in "Robotics and Machine Learning" organized by Aiman College of Arts and Science for Women, Aiman College, Trichy.

10. Prof. Shalini Kumari Rawani and Prof. Rekha MP, BBA & B. Com Department, participated in National Level FDP on Teaching-Learning Methods: From Micro-Teaching to Peer Learning organised by Teaching Learning Centre, Ramanujan College, Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers.

11. Prof. Rekha MP, BBA & B. Com Department, participated in Eight Day online FDP on Innovations and Best Practices in HEI's in context of NEP 2020organised by Ayya Nadar Janaki Ammal College Sivakasi Tamil Nadu also took part in National Level on How to Catch Fake/Cloned/ Predatory Journals in Academics organised by Mahatma Hansraj Faculty Development Centre; International Conference on Digital Marketing Experience organised by CMS B School Jain (Deemed to University).

12. Dr. Kumudavalli M V, BCA Department, participated in a Workshop titled "Embedded Systems and IoT in Agriculture" organized by IIT Bombay.

13. Prof. Meenakshi N P participated in "ಏಳು ದಿನಗಳ ರಾಷ್ಟ್ರಮಟ್ಟದ ಅಧ್ಯಾಪಕ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಕ್ರಮ (FDP)" and ರಾಷ್ಟ್ರಮಟ್ಟದ ಅಂತರ್ಜಾಲ ವಿಚಾರ ಸಂಕಿರಣ titled" ಕುವೆಂಪು ಕಥನ ಸಾಹಿತ್ಯ. ಒಳನೋಟಗಳು ಮತ್ತು ಕುವೆಂಪು ಆವರ ನಾಟಕಗಳಲ್ಲಿ ಮಹಿಳಾ ಪಾತ್ರಗಳು ಒಂದು ಆವಲೋಕನ."

14. Dr. Srikantamurthy M.R., MBA Department, participated in a webinar titled "The Economic Impact of Covid 19 on Indian Economy".

15. Dr. Chetan Shetty participated in online workshop titled "Digital Discourse - Dynamics of Cryptocurrency"

E-FDP "Cloud Computing: New Paradigms"

To address the growing requirement for cloud skills in India COE – Cloud Computing, Department of Computer Applications, organized a Three Day Faculty Development Programme on "Cloud Computing: New Paradigms" from 23rd September to 25th September 2021. Eminent speakers from academia and industry delivered presentations on basic cloud skills, current trends and AWS. Overall 67 faculties from different colleges of Bangalore and other states attended the event.

"Information technology and business are becoming inextricably interwoven. I don't think anybody can talk"
- Bill Gates

National Level Webinar on PGCET 2020-21

Prof. Sunitha, Prof. Nivethitha and Prof. Ranjini K S, Department of MCA, conducted National Level Webinar Series titled "Tips and Tricks- PGCTE 2020-21".

E-Workshop titled "The Global Scale of English"

Department of BBA & B. Com conducted an E-Workshop titled "The Global Scale of English" for the 1st year BBA & B. Com students from 29th September 2021 to 1st October 2021 on Google Meet platform. Prof. Sangeetha Dayanand expressed her expertise on the topic "Ushering and Unleashing the Unique You, A Perspective Platform" and Prof. Mukesh Soni highlighted "The Significance of Pronunciation in Global World". Each session was followed by a task and its assessment. 170 students were benefitted by this workshop.

UG Programs Inauguration

Inauguration of UG Programs -2021 for the I semester students was organized on 21st October 2021. Mr. Sreenivasa Ramanujam, Delivery Partner, TCS, the Chief Guest, enlightened the students about importance of Latest Technologies, Market Trends etc. enlightened the students about importance of Latest Technologies, Market Trends etc., the Guest of Honor, motivated the students stressing the significance of Academics, Market Trends, Industry needs, Discussion towards financial Intelligence and analytical tools along with Efficiency and Risk Management Objectives. Sri Galiswamy, Secretary, DSI, stressed the importance of academics. Academic toppers were rewarded by the respective guests. The program was followed with the presentation by Prof. Hemanth Uppala, Vice-Principal & HOD-BCA. He took a deep dive towards institutional Programs and departmental activities, introduction to various Cells and students involvement in each.

Induction Program

The 1st Year B. Com and BBA students attended three days induction program from 28th October 2021 to 30th October 2021. Students were oriented about various activities, events and club activities conducted in the department. Various Cells under IQAC and their functions were introduced. Field activities were also conducted as a part of Induction Program.

"Great ideas have the power to shift perceptions to create value where it didn't exist before".
-Allan Philips

Webinar on -Setting Corporate Industry Expectations

In association with Centre of Innovation and Leadership –CIL Department of BCA conducted a webinar on "Setting Corporate Industry Expectations "by Deepak Shekhar, Trainer and Coach in Soft Skills and Career Guidance. Mr. Deepak, Trainer and Coach, explained the importance of technical skills and knowledge about latest technologies like cloud computing, big data analytics, cyber security etc. were hallmark of the session.

NON-ACADEMIC ACTIVITIES

Essay Writing Competition

II Semester BCA students actively took part in Essay Writing Competition titled " ಇಂದಿನ ಮಕ್ಕಳಿಗೆ ಪೋಷಕರ ಅವಶ್ಯಕತೆ ಇದೆಯೋ? ಅಥವಾ ಇಲ್ಲವೋ". (Importance of Parenting for Present Youth) on 1ˢᵗ September 2021.

Cooking without Fire

Department of MCA conducted various students' activities like Green Day, Cooking Without Fire, Tug of War, Treasure Hunt, and YIN TO YANG.

"I don't meet the competition, I destroy it"
-Charles Revson

Dayananda Sagar College of Arts, Science and Commerce

live the dream

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Prof. Leo Lawrence, Assistant Professor, BCA

Mr. Dharmendra Rao Jadav V, Sr. Manager, IQAC

"There is no secret to success. It is the result of
preparation, hard work, and learning from failure." - Colin Powell