



# Devi Ahilya Vishwavidyalaya, Indore

(A State Govt. University of M.P.,  
Established in 1964)

(Accredited A<sup>+</sup> Grade by NAAC)



## Admission Information Brochure - 2020

[www.scs.dauniv.ac.in](http://www.scs.dauniv.ac.in)



### **Vice - Chancellor's Message**

Welcome to Devi Ahilya Vishwavidyalaya (DAVV), Indore (M.P.) for admission to programmes of Postgraduate, Graduate, Diploma and Certificate in various subjects. The University was established in the year 1964 by the Government of Madhya Pradesh as a State Government University. The University is accredited with A+ grade by NAAC. With a glorious history of more than fifty years, the University provides an avenue for unleashing your potential to realize your dreams.

**Prof. (Dr.) Renu Jain**

The last two decades have seen substantial changes in higher education scenario in India. There seems to be an academic revolution in higher education marked by a paradigm shift in scope and opportunity. Indian education system, considered as one of the largest of its kind in the world, faces enormous challenges in the new millennium. Devi Ahilya University, has geared up itself to meet these challenges of higher education and become an institution that takes a leadership role in promoting new ideas, the spirit of integration of the global scenario, and cultivation of intellect and culture among its stakeholders.

The university beholds the vision of creating, advancing and disseminating knowledge with collective wisdom, through value based holistic education. To achieve this vision, we are striving to excel in both quantitative as well as qualitative aspects of higher education. On one hand the university has been introducing new professional programmes to meet the industry requirement of skilled professionals, while on the other university has also been preserving traditional programs which are essential for knowledge enhancement. Providing inclusive education at affordable cost to all the segments of society is an essential role that this university has been playing successfully.

The University is also sensitive to the needs of local community. It caters to educational needs of wide variety of population ranging from well-developed tier II city, Indore to the underdeveloped tribal and rural backward districts. University carefully strikes a balance in terms of programs offered and resources for these extreme cross-sections of society. All the programmes offered by the university follow the Choice Based Credit System (CBCS) with outcome-based approach. Covid19 pandemic has initiated paradigm shift in teaching-learning process in which emphasis on online/digital education is greatly envisaged. Fortunately, our University is well equipped with latest facilities for creation of online teaching material and our IT infrastructure is modern enough to disseminate it.

I welcome all the students who chose to be part of this premier institution of learning. I hope that you will feel proud on being associated with us and make us equally proud with your academic excellence and accomplishments. I wish you a bright future.



### Head of Department Message

The School of Computer Science & Information Technology (SCSIT), earlier it was Institute of Computer Science and Electronics (ICSE) was established in 1986 with funding from UGC for MCA programme. Later, the School started M.Sc. (Computer Science) in 1987 with 2 crore funding from DRDO. Also, M.Tech (Computer Science) programme was started in 1992 approved by AICTE. M.Tech (Network Management & Information Security) and M.Tech (Software Engineering & Information Architecture) was started in 2009 approved by AICTE. Keeping in view the social needs in the area of information technology, the department is also running MBA (Computer Management), M.Sc. (Information Technology) and BCA programme on self supported basis. The School is running PhD (Computer Science) programme in a variety of domains.



**Prof. (Dr.) Sanjay Tanwani**

The School since then has endeavoured into promoting technical education and research in the important and fast growing branches of Information Technology. It is an autonomous department under Devi Ahilya Vishwavidyalaya with its goal set to produce computer science specialists to meet the global challenges. The School has highly experienced faculty members, modern laboratories, building infrastructure equipped with ICT and digital library. The courses offered in our department rightly reflect our mission. We produce international quality IT professionals and our alumnae are a part of top software companies of the world.

Our teaching learning process focuses on the enrichment of analytical skills, problem solving and communication skills of students. Theory is complemented by practical's and projects. Many of the projects are carried out for local entrepreneurs in a team which enable the team building spirits among students and prepare them for working in cross cultural environments. Students have been involved in honorary software development for Non-Government organizations and Sindh Sahkari Cooperative bank. Some students have been developed software for blood donor social organizations. Our M.Tech students undertake projects from several reputed organization such as RR CAT Indore, Soyabean Research Center Indore, DRDO, NTPC, C-DAC, ST Microelectronics, ISRO etc., and private software companies. Our strong Ph.D. programme focuses on fundamental research covering latest trend in the cutting edge technologies. The department has played a key role and initiative to lay optical fiber in university for campus wide internet on every desktop and setting latest technology based IT infrastructure in 1999-2000 of global standards. Also, the department faculty members have produced text books of global standards for the country and international universities clearly reflecting our vision.

Kindly note that from July 2020, MCA course duration will be of 2 years, therefore there will be no admission through lateral entry. Also, from July 2020, students admitted in MSc program can choose specialization in any one of technology such as Cloud Computing, AI with Machine Learning, IOT, Information Security and so on. Same scheme can also be applicable for MCA program. Similarly, MBA (CM) students can choose any one specialization in technology such as Salesforce or ServiceNow. Thus enabling students to be industry ready.





Visión

"To achieve excellent standards of quality education by keeping pace with rapidly changing technologies & create computer professionals of global standards with capabilities of accepting new challenges."

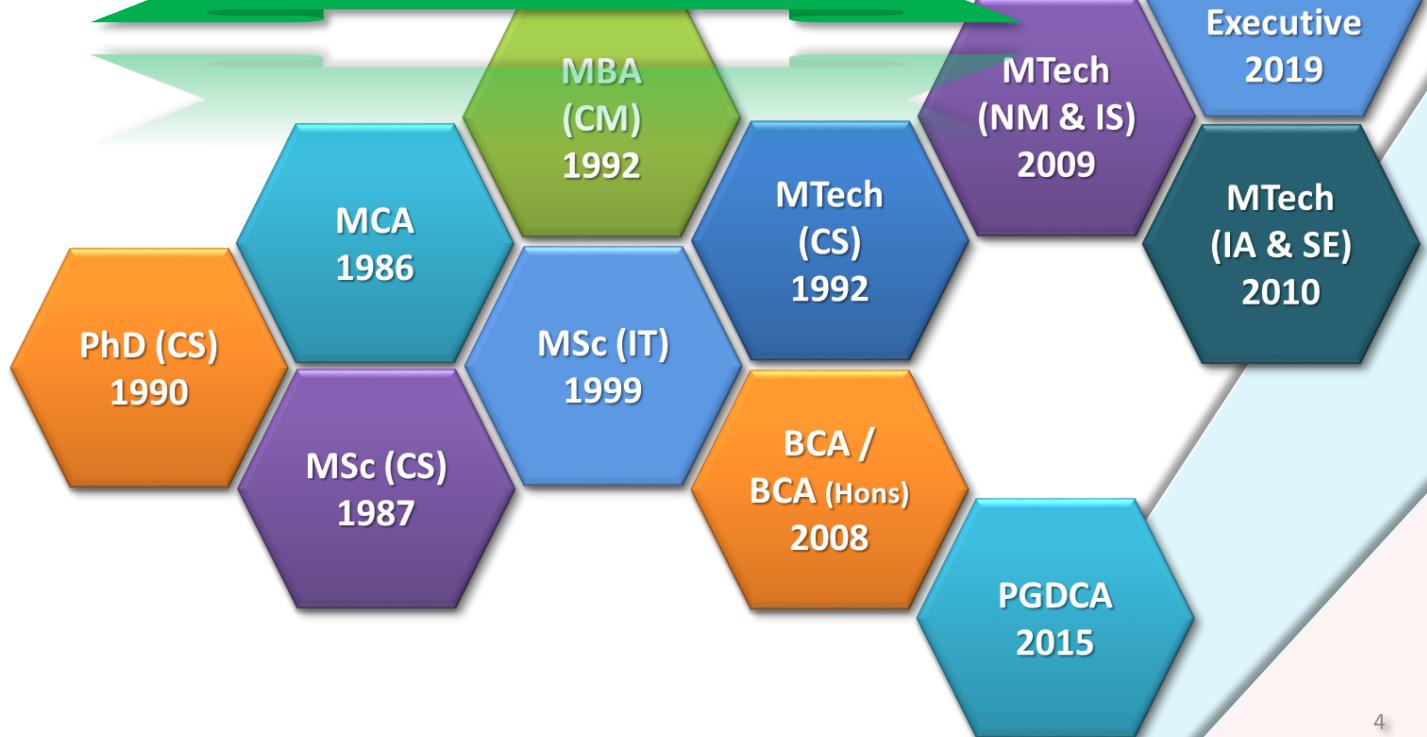
### Mission

To produce world-class professionals who have excellent analytical skills, communication skills, team building spirit and ability to work in cross cultural environment.

To produce international quality IT professionals, who can independently design, develop and implement computer applications.

To develop professionals who dedicate themselves to mankind, are environment conscious, follow social norms and ethics.

### Courses offered



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Course Name	Seats	Admission Criteria
<b>MCA</b>	120	Admission is through Directorate of Technical Education (DTE), Bhopal.
<b>M.Tech (CS &amp; IT), (IA &amp; SE), (NM &amp; IS)</b>	18 each	B.E./ B. Tech (CSE/ IT/ Comp. related subjects)/ M.C.A./ M.Sc. (CS/IT) with 55 % marks in aggregate. Relaxation of 5% marks in eligibility for sponsored/ SC/ ST candidates.
<b>M.Tech. (CS) Executive</b>	18	B.E./ B. Tech (CSE/ IT/ Comp. related subjects) / M.C.A/ M.Sc. (CS/IT) with 55 % marks in aggregate. The candidate must have a minimum work experience of 2 years in industry and be employed at the time of applying.
<b>BCA</b>	90	12th with 50% marks and Mathematics as one of the compulsory subjects.
<b>M.Sc. (CS / IT)</b>	30	B.C.A./B.Sc. (Hons)/ B.Sc. (Computer Science /Electronics/Physics/ Information Technology /Electronics and Tele-communication with 50 % marks and Mathematics as one of the compulsory subjects.
<b>PGDCA</b>	30	Bachelor degree in any stream with min. 50% marks.
<b>MBA (CM)</b>	30	Bachelor degree in any stream with min. 50% marks.

# School of Computer Science and IT, DAVV

## Admission Information Brochure - 2020



**STUDENT PLACEMENT CORNER**

2014 - 2015	29 (MCA + MTech)
2015 - 2016	40 (MCA + MTech + MSc )
2016 - 2017	29 (MCA + MTech)
2017 - 2018	37 (MCA + MTech + MSc)
2018 - 2019	25 (MCA + MTech + MSc)
2019 - 2020	49 (MCA + MTech + MSc)



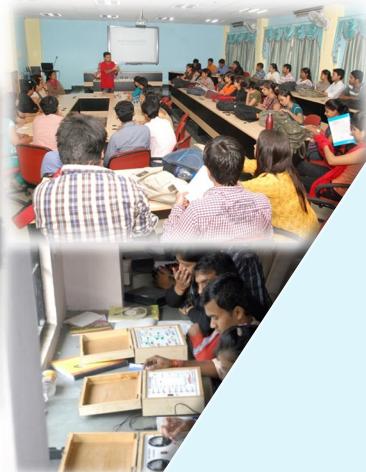
# Academic Infrastructure

- 7860m<sup>2</sup> with both the administrative office and the academic block
- Ten lecture rooms including two multimedia theatres
- Faculty meeting hall
- Wi-Fi and cable internet in all class rooms, library and laboratories.



## • Computer laboratories

- Research Lab
- Programming Lab
- Database and Data Mining Lab
- Electronics Lab
- E-Learning and Software Engineering Lab
- Language Lab
- ERP Lab



## • Departmental Library

- 575.05 m<sup>2</sup>
- 16,053 text & reference books
- 1100 e-lecture CDs
- 16 computer magazines
- 5000 e-journals (online access to IEEE, ACM Digi-





## Student Mentoring & Support

- One mentor on every 30 students
  - Responsible for resolving issues of the students
- Personal enhancement and development schemes
- Career counselling
- Soft skill development
- Career-path-identification
- Orientation to well-being
- Test results declared on time to identify the slow learner students
- Performance enhancement for slow learner
- Remedial classes are arranged
- Extra problems/ exercises are assigned
- Department provides partial/ full financial

- support for students' participation in
  - Competitions and conferences in India and abroad
  - Scholarships/ free-ships given to the students
  - Scholarship and fee reimbursement to ST/ SC/ OBC through state government
  - GATE qualified MTech students receive stipend of Rs. 12,400/- per month from AICTE
  - Scholarship from minority cell available and few students receive financial assistance from the community they belong.
  - Few students employed in the department under earn-while-learn scheme and receive financial support by the university.



# ANNUAL





### Cultural and Community Activities



- Anti Tobacco Program
- Matdata Jagrukta
- Plantation
- Yoga and meditation
- Samarpan (Cloths for poor Children)
- Polythine prohibition
- Digital Dandiya
- Swachhta Pakhwada
- Swachh Bharat Abhiyan Awareness
- Indore Rahega No. 1 Program
- Oath of cleanliness and many more.





### Alumni / Industry—Institute Interaction

- Strong alumni base
- Motivate and mentor students
- Financial support to needy students
- Institute – Industry Interaction is regularly organized
- Mostly in support with alumni

- To fulfil institute – industry gaps following workshops have been regularly organized

- IoT – 10 days
- Salesforce – 8 weeks
- AWS (Cloud Computing) – 35 days
- Big Data Analytics – 3 weeks

- Special classes for aptitude and personality development



### Contact Details

