





to particula

in the evergreen **IT industry**

B.Tech. Computer Science & Engineering

B.Tech. Computer Science & Engineering (CSE) is one of the most sought programs in the Engineering discipline. CSE discipline comprises the study of computations, like analysis of algorithms, programming languages, program design, software, and mobile application development. A Computer Science Engineer, also known as a software engineer, is responsible for designing, developing, testing, and evaluating software used for computers to work. Software development involves designing and coding new programs and applications to meet the needs of a business or an individual. CSE is also the backbone of the most booming fields like Artificial Intelligence, Machine Learning, Big Data, Internet of Things (IoT), Quantum Computing, Block Chains, Industry 4.0 Revolution, etc.

The program is ideal for students who wish to pursue a career in software development in the IT-sector.

B.Tech. Computer Science & Engineering

Honors in Artificial Intelligence & Machine Learning

Conventional computing techniques either fail or perform poorly in many tasks like driving a car, detecting a pattern, recognizing a face, processing natural language, etc., which humans can do very efficiently. AI & ML is used to develop computer systems that can learn and adapt without following explicit instructions and by using algorithms and statistical models to analyze and draw inferences from patterns in data. In short, AI & ML makes machines smart enough to solve problems efficiently using complex algorithms without human intervention.

The program is ideal for students who are keen to pursue a career in the field of AI & ML.

B.Tech. Computer Science & Engineering

Honors in Cyber Security & Digital Forensic

Cybercrime has become a top-level worldwide security threat in a short span of a decade. Guarding data and reducing the impact of network security breaches are the main challenges for a business or an individual. With the global business environment shifting gears to online and cloud data storage and maintenance, the demand for cybersecurity is at its peak. The scope of cybersecurity has widened significantly in terms of skill sets and jobs.

The program is ideal for students who want to pursue a career in the field of cybersecurity.

Job Roles After CSE

- Software Developer
- Web Developer
- 😰 Mobile App Developer
- UI/UX Designer
- Full Stack Developer

- Web Designer
- Software Tester
- Quality Assurance
- Database Engineer
- Content Writer

- 蹄 BDE / BDA
 - Software Architect
- Software Consultant
- 强 Game Developer
- 👾 SEO

B.Tech. @ DARSHAN UNIVERSITY

- Highly Qualified, Well Experienced, Industry Linked, Dedicated Faculties.
- A strong theoretical foundation for crystal clear fundamentals.
- Focus on project-based learning with applications of technologies in real life.
- Exposure to cutting-edge technologies through seminars and workshops.
- Inter-disciplinary, management and soft skill courses for holistic learning.
- Earn While You Learn program transforms a student into an entrepreneur.
- 90%+ Placement track record by CSE Department since 2013.

Department

The CSE department is highly prestigious in academics and industry for its integrity, faculties, infrastructure, placements, industry linkage, and app development. The teaching-learning pedagogy highly emphasizes the theoretical fundamentals of computer science with imparting practical and hands-on experience. The department culture is industry-friendly and students can easily access the state-of-the-art laboratory infrastructure.

Faculties

The department has well-qualified highly experienced and industry-linked dedicated faculties. Faculties with industrial experience bridge the gap between academic learning and industrial needs. They are committed to remaining technically up to date with a consistent aim of providing the latest and relevant education to our students, enhancing the contribution of academia.

Syllabus

The curriculum is designed to incorporate the latest technologies and needs of the IT Industry, soft skills & communication to nurture and sharpen the creative potential of each student. Professional skill development activities incorporated into academics help students to stay ahead of the curve.

Project-Based Learning

The academic environment promotes creativity and exploration of the fundamentals of Computer Science & Engg. The department believes in learning by doing. Special Interest Groups are formed from students and faculties. These groups learn, code, and grow together to develop applications useful to society. The department is emphasizing IoT and AI / ML-based real-life projects such as Ambient Systems, Driverless cars, etc.

Earn While You Learn

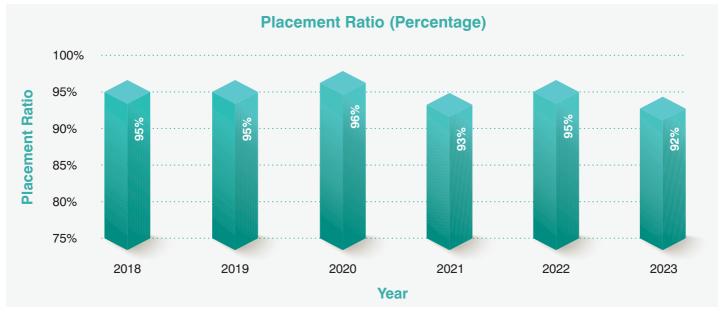
Earn While You Learn philosophy has crafted many students into entrepreneurs during the study only. It also inspires them to think into a new dimension of creativity and ignites business philosophy. Students develop real-world Mobile Apps & Software Projects, which are deployed on Google Play Store & Apple App Store. Students can earn handsome revenue through Google Adsense & Admob.

Placement

The CSE department proudly upholds excellent placement records and emerging career opportunities for the students. The department enables students to understand their interest, requirements, and how to visualize their goals correctly. Some of the training organized are Aptitude & Logical Reasoning, Group discussion, Mock interview sessions, etc.

Placements Statistics

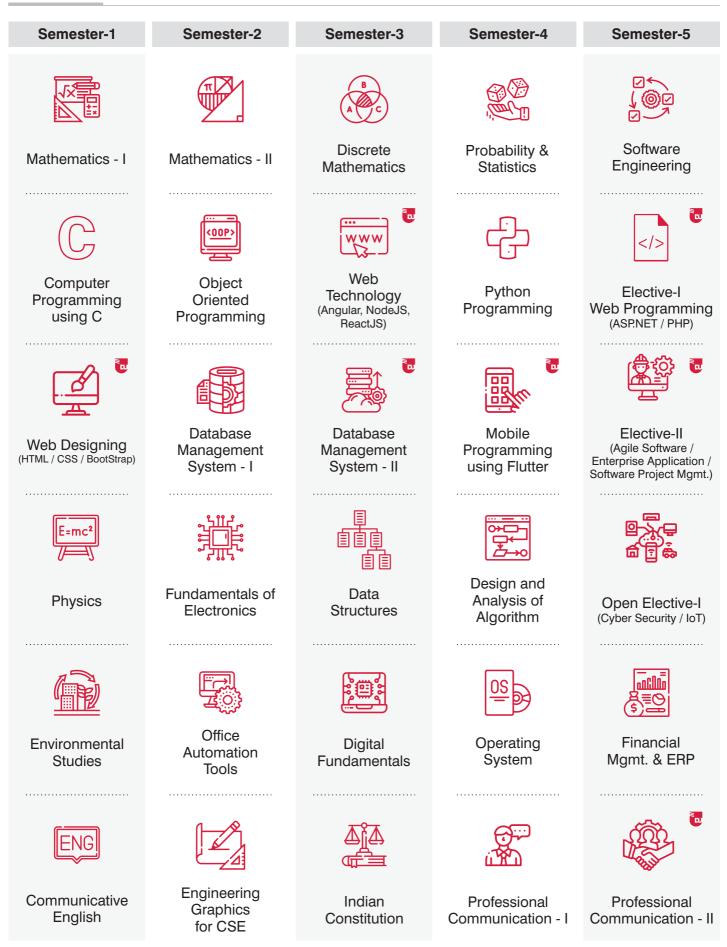




Top Recruiters

zomato	motadata	IBM	ASITE,	CONSULTANCY SERVICES
₹20.00 Lakh	₹ 10.00 Lakh	₹7.25 Lakh	₹6.00 - 9.00 Lakh	Upto ₹7.00 Lakh
C-Emphasys	Serner	* primenumbers	GROWEXX	Aadvanced
₹7.00 Lakh	₹6.30 - 7.40 Lakh	₹6.00 Lakh	₹6.00 Lakh	Upto ₹6.00 Lakh
C rapidops	FER 🚥	Gateway Group	argusoft Quality on Time	aubergine.
₹5.80 Lakh	₹ 5.50 Lakh	₹5.41 - 6.81 Lakh	₹5.25 - 6.00 Lakh	₹ 5.00 Lakh
CELEBAL TECHNOLOGIES * 5.00 Lakh	infostretch * 5.00 Lakh		tark 7	SIMFORM * 4.80 Lakh
	dīgit	accenture	maruti techlabs	TatvaSoft
₹4.50 - 5.20 Lakh	₹4.50 Lakh	₹ 4.50 Lakh	₹ 4.50 Lakh	₹4.32 - 4.80 Lakh
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[₹] 4.20 - 4.50 Lakh	₹ 4.20 Lakh	₹ 4.20 Lakh	₹ 4.20 Lakh	₹ 4.20 Lakh
HZGEARS	Zignuts	RKIT Software Pvt. Ltd.	KEVALAM SOFTWARE	Cognizant
₹4.00 - 6.00 Lakh	₹4.00 - 5.00 Lakh	₹4.00 - 4.50 Lakh	₹4.00 - 4.50 Lakh	₹4.00 Lakh
	KEVIT	Gantner	STREEBO	b
₹4.00 Lakh	₹4.00 Lakh	₹ 4.00 Lakh	₹4.00 Lakh	₹4.00 Lakh
	BIGSCAL		coditas	C DhiWise BETA
₹4.00 Lakh	₹3.60 - 3.96 Lakh	₹3.60 - 5.00 Lakh	₹3.60 - 5.00 Lakh	₹3.60 - 4.20 Lakh
Websmith Solution	Infosys			INUZ
₹3.60 - 4.20 Lakh	₹3.60 Lakh	₹3.50 - 4.50 Lakh	₹3.50 - 4.00 Lakh	₹3.00 - 5.00 Lakh

Syllabus



L : Unique approach of Darshan University. Industry oriented cuttinge-edge technology subjects.

Semester-6 Semester-7 Computer Compiler Network Design Elective-IV (AI & ML / Comp. Theory of Graphics / Network Computation Security) Elective-V Computer (Block Chain / **Organization &** Cloud Computing / Architecture Data Mining) ۳a. </> Elective-III Elective-VI (Info. retrieval / (Adv. .Net / Adv. Java, Optimization Python for Techniques / Simulation Data Science / UI/UX Designing) & Modeling) Open Elective - II Life (Economics & Management Business Mgmt. / Skills Entrepreneurship) Semester-8 Career Industrial Orientation Training

送 B.Tech. (CSE) Honors in Artificial Intelligence & Machine Learning

- Data Mining
- Al for Games
- Deep Learning
- Computer Vision
- Big Data Analysis
- Machine Learning
- Predictive Analysis
- Business Intelligence
- Natural Language Processing
- Mathematical Modelling & Optimization



B.Tech. (CSE) Honors in Cyber Security & Digital Forensic

- Ethical Hacking
- Digital Forensics
- Intrusion Detection
- Cyber Forensics & Auditing
- Information Theory & Coding
- Cyber Crimes, Ethics and Laws
- Information and Network Security
- Web Application & Penetration Testing
- Security Assessment and Risk Analysis
- Mathematical Foundation for Cyber Security

Only University in Gujarat that blends current & futuristic demands of IT Industry in the curriculum itself

🔂 : Unique approach of Darshan University. Industry oriented cuttinge-edge technology subjects.

Key Faculties



Dr. Gopi B. Sanghani Dean, Computer Science Ph.D. (Machine Learning), M.E. (C.E.) 22 Years Experience

Dr. Gopi Sanghani has completed B.E. in Computer Engineering from DDIT Nadiad, M.E.(CE) from BVM Vallabh Vidyanagar and Ph.D. from Nirma University in the field of Text Mining using Machine Learning Techniques. She has contributed to executing various academic and administrative strategies to achieve departmental goals and initiatives. She has guided various research projects at both Under Graduate and Post Graduate Levels. She has published several International Conference and Journal Papers in the domain of Machine Learning & AI.

She successfully coordinated several workshops and training programs for students and faculties.



Dr. Nilesh Gambhava

- Ph.D. (Evolutionary Computation)
- 20 Years Experience
- 🔀 nilesh.gambhava@darshan.ac.in
- 9727747310
- 🌢 Machine Learning, Programming



Maulik Trivedi

- Ph.D. (Pursuing), M.Tech. (C.S.E.)
- 14 Years Experience
- 🖂 maulik.trivedi@darshan.ac.in
- 9998265805
- 🍐 Wireless Network, Mobile Computing



Firoz Sherasiya

- Ph.D. (Pursuing), M.E. (C.E.)
- 17 Years Experience
- firoz.sherasiya@darshan.ac.in
- 9879879861
- Database Management System





- Ph.D. (Machine Learning)
- 17 Years Experience
- 🔀 pradyuman.jadeja@darshan.ac.in
- 9879461848
 - Web Mining, ASP.NET, MVC

Dixita Kagathara

- M.Tech. (Web Technology)
- 13 Years Experience
- 🖂 dixita.kagathara@darshan.ac.in
- 9727747317
- Compiler Design, Programming





- Ph.D. (Pursuing), M.E. (C.E.)
- 14 Years Experience
- 🖂 rupesh.vaishnav@darshan.ac.in
- \$ 9428037452
- lgorithms 🖌

Key Faculties



Swati Sharma

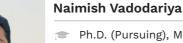
-

- M.Tech. (C.S.E.)
- 14 Years Experience
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- 9727747317
- Ad-hoc Network, Java



Mayur Padia

- M.E. (C.E.)
- 14 Years Experience
- 🖂 mayur.padia@darshan.ac.in
- 9925515118
- Android, UI, UX Design, C



- Ph.D. (Pursuing), M.E. (C.E.)
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- 8866215253
- .Net, Database Management System **ر ا**

Umesh Thoriya

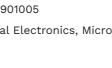
- M.Tech. (C.S.)
- 10 Years Experience
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- 9714233355
- é Image Processing





Krunal Vyas

- M.Tech. (ICT)
- 9 Years Experience
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- 9601901005
- ÷ Digital Electronics, Micro-processor



Mehul Bhundiya

- M.E. (C.E.)
- 9 Years Experience
- \ge mehul.bhundiya@darshan.ac.in
- 9428231065
- Android, Data Structure





- Ph.D. (Pursuing), M.Tech. (C.S.E.)
- 13 Years Experience
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- 9624822202
- **.** Angular, PHP, MySQL

Vijay Shekhat

- M.E. (C.E.)
- 10 Years Experience Ð
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- Text Mining, Computer Graphics ı**b**

Ashok Badresiya

- 🗩 M.E. (C.E.)
- 9 Years Experience
- 🖾 ashok.badresiya@darshan.ac.in
- 9913131691
 - C, C++, iOS Programming







- M.E. (C.E.)
- Ð 6 Years Experience
- 🖂 rajkumar.gondaliya@darshan.ac.in
- 8141999120
- Android, Java, C, C++



- Jay Dhamsaniya
 - M.S. (CSE)
- 10 Years Experience
- jay.dhamsaniya@darshan.ac.in
- 9426843709
- ASP.Net, MVC

÷

Jayesh Vagadiya

- M.E. (C.E.)
- 7 Years Experience
- 🦾 jayesh.vagadiya@darshan.ac.in
- - iOS Programming, Java
- 9537133260
- 6



Key Faculties



Kalpesh Surati

- M.B.A., M.Sc. (I.T.)
- 24 Years Experience
- \succ kalpesh.surati@darshan.ac.in
- 9925010033
- ц¢. IoT, Cyber Security



Hemang Chath

- 🞓 M.E. (Pursuing)
- 12 Years Experience
- hemang.chath@darshan.ac.in \sim
- 8200834776
- de la Database Management System, .Net



Shruti Maniar

- M.E. (C.E.)
- ④ 6 Years Experience
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- 9727747317
- Data Structure, ML and AI

Bhushan Joshi

- M.E. (Embedded Systems)
- 5 Years Experience
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- 8485979997
- é IoT, Embedded System Design



Dr. Sharon Mohtra

- Ph.D. (Computer Science) -
- Ð 21 Years Experience
- \succ sharon.mohtra@darshan.ac.in
- 9727747317
- C, Java, Python



Vaseem Ghada

- Ph.D. (Pursuing), M.Tech. (ICT)
- 13 Years Experience
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- C 9879531513
- Data Mining, Mobile Adhoc Network **.**

Vishal Kansagara

- M.Tech. (ICT)
- 9 Years Experience
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- C 8200601076
- 🖌 COA, Semantic Web

Dharmik Vasiyani

- M.E. (C.E.)
- 5 Years Experience
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- Data Mining, Java 6

Madhuresh Fichadiya

- B.E. (C.E.)
- Ð 2 Years Experience
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- 8866961282
- ASP.NET, C, C++ ú.

9727747317

C, Java



Highly Qualified Faculties

:3+ Years of Average Experience

Faculties are associated with IT Companies









Technical Activities







Lab Facilities

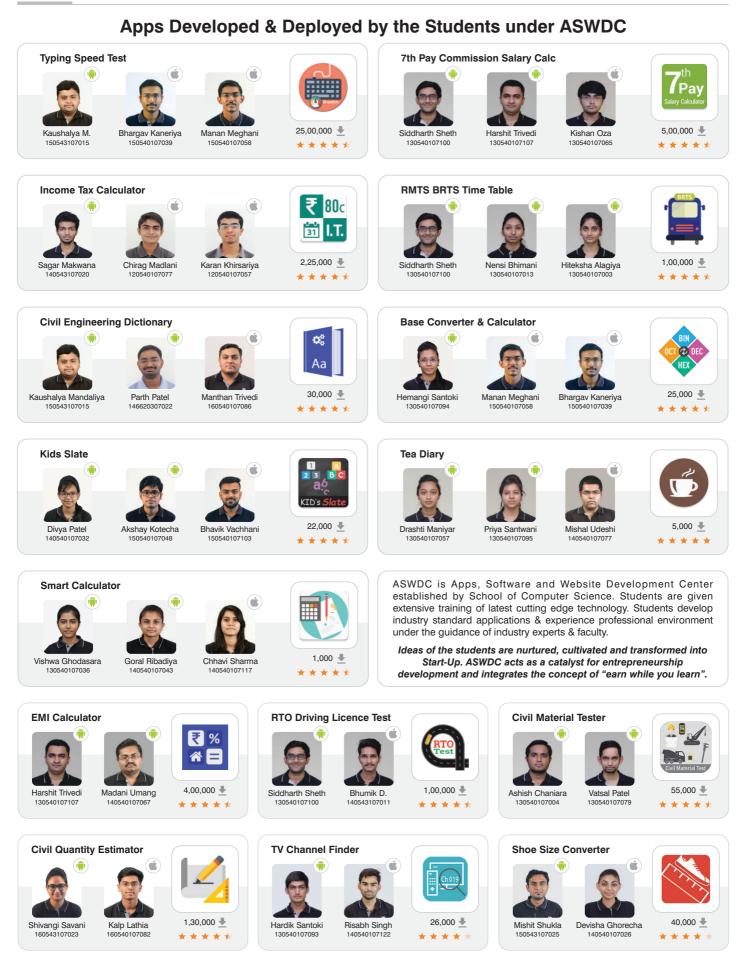


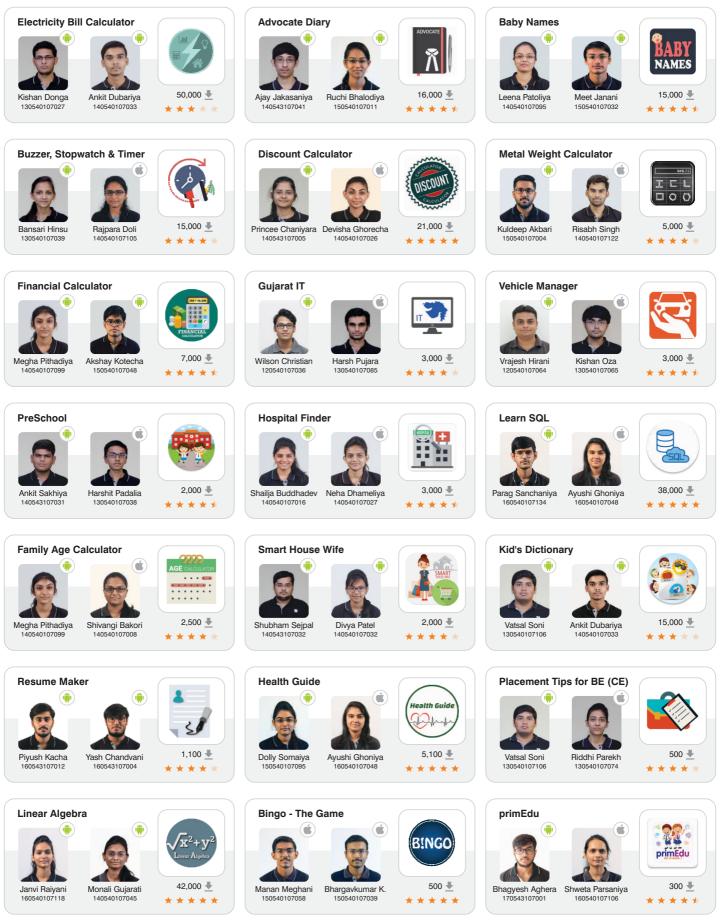


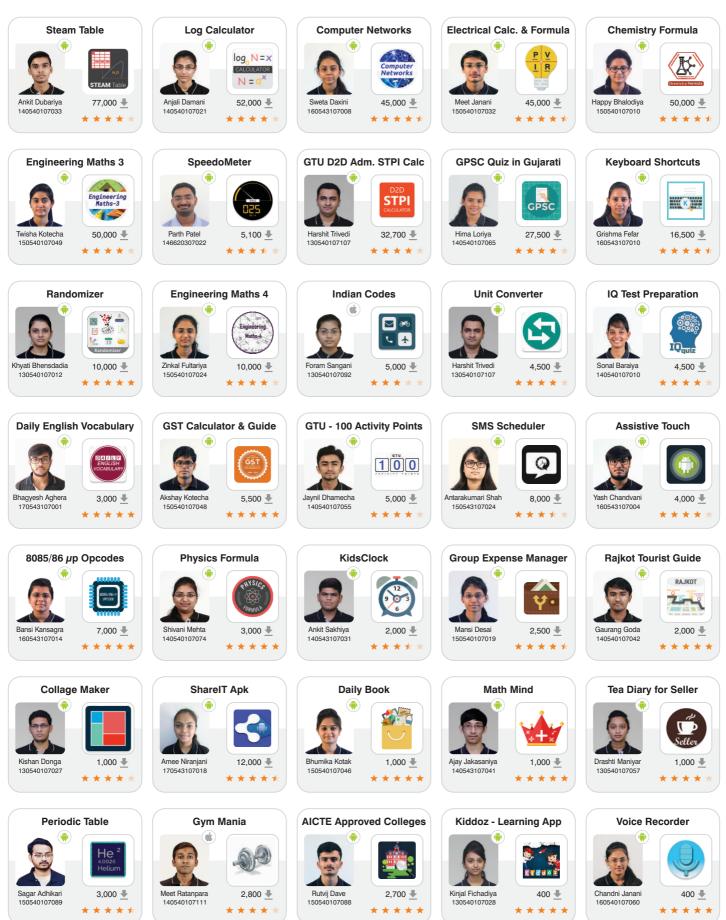
Lab Facilities

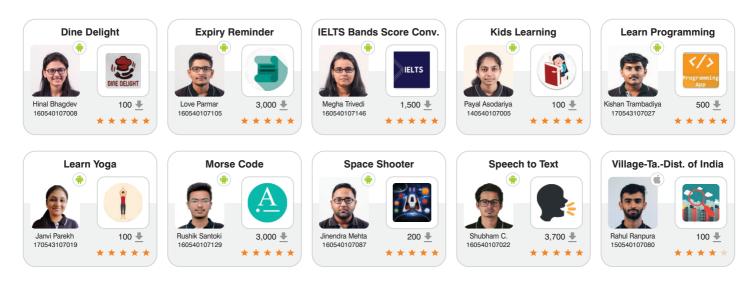








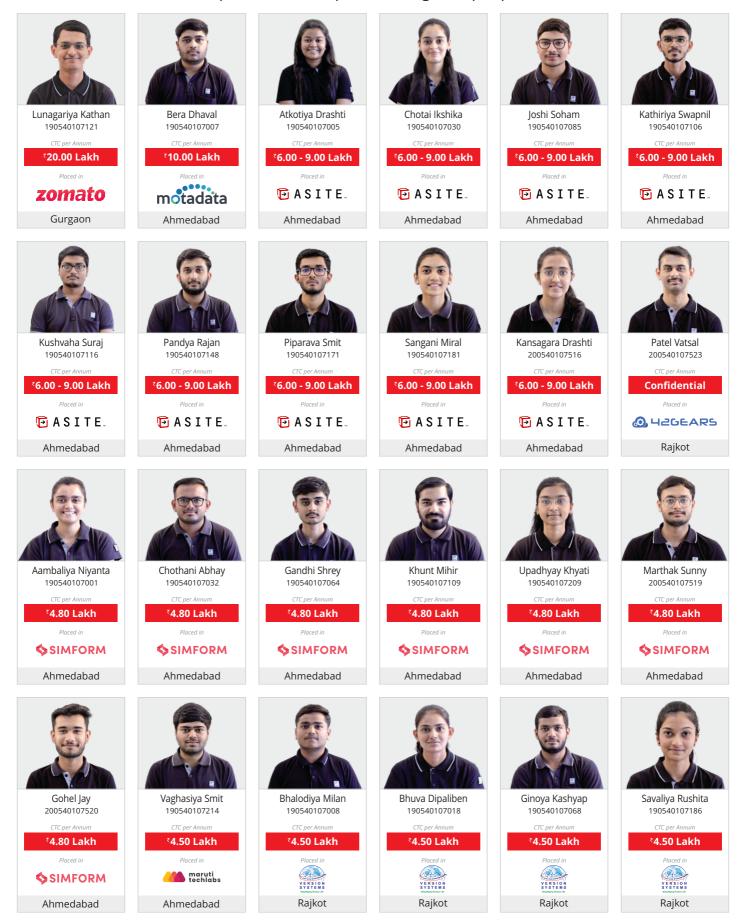


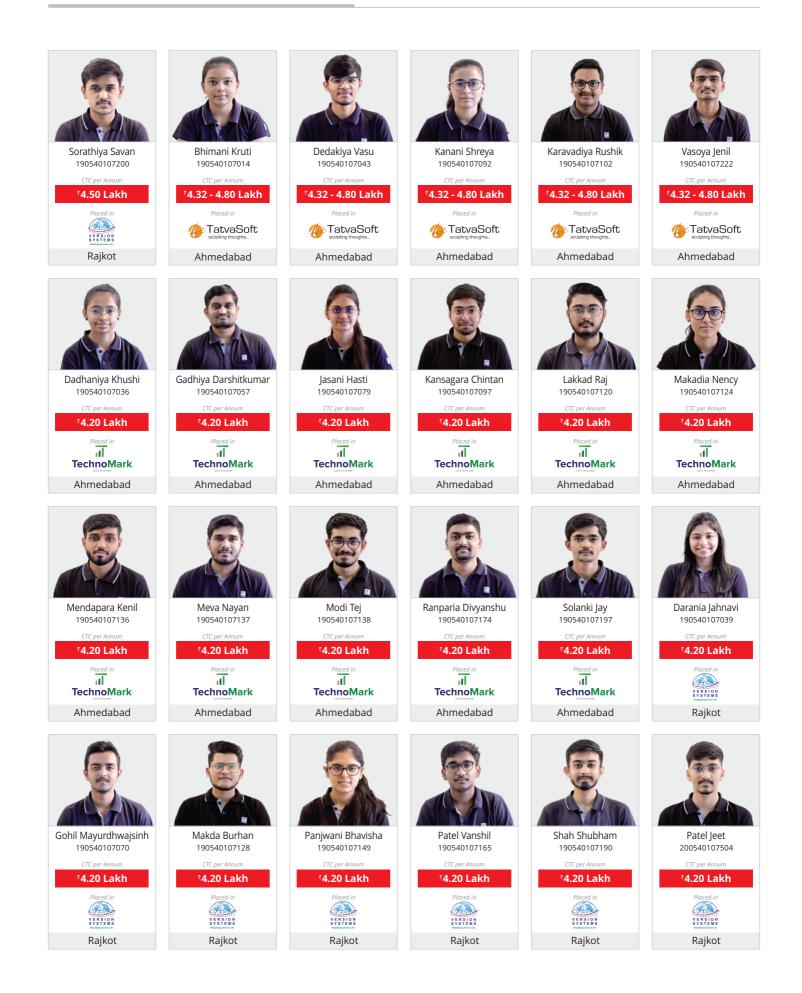


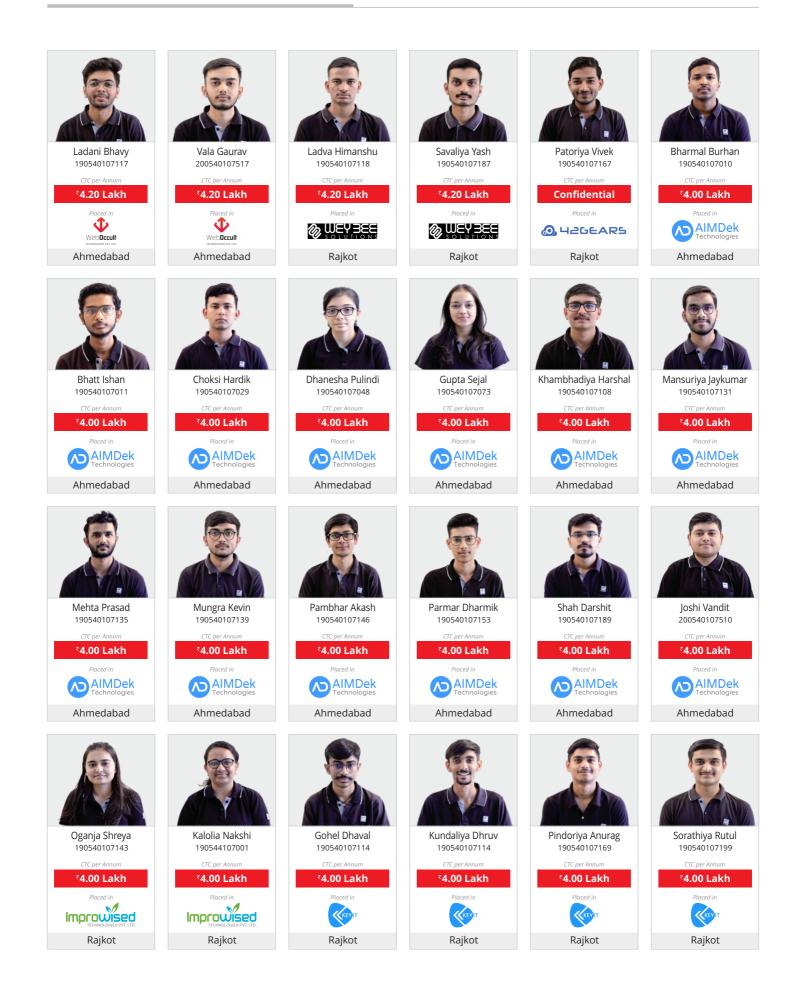
Websites Developed & Deployed by the Students under ASWDC

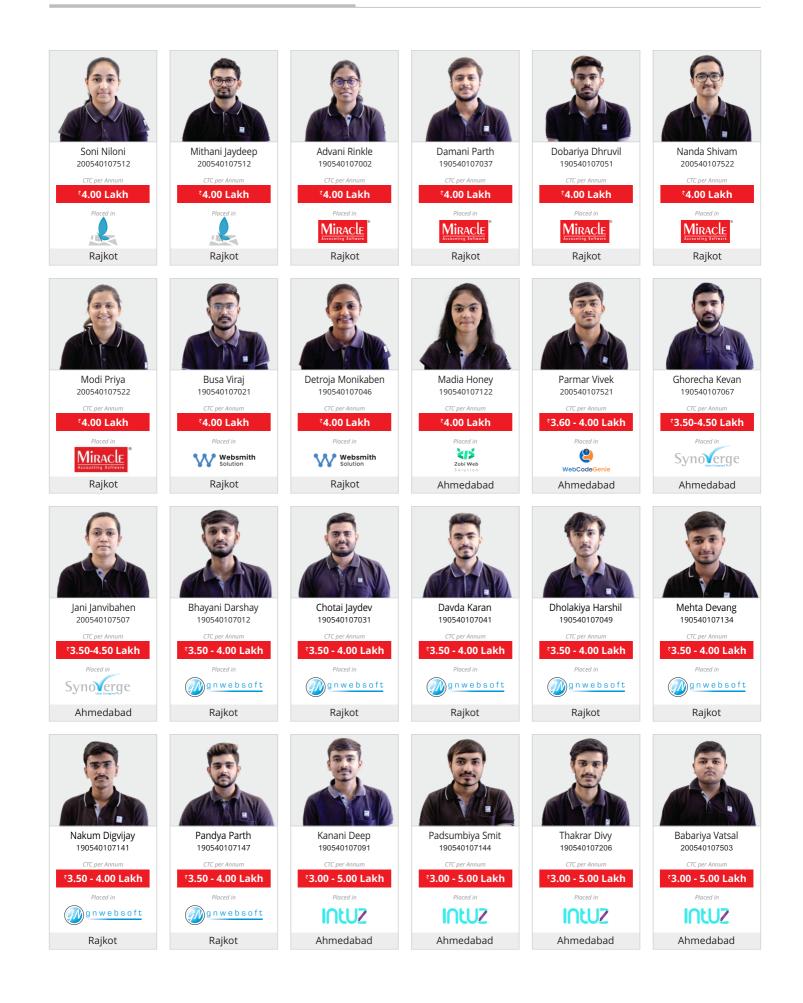
www.gtu-paper-solution.com	www.gtu-mcq.com	www.ijdieret.in	www.advocate-case-diary.com	www.dramitacharya.com
CTUP aper EGTUP aper		JDI-ERET		Billrock
Purvang Vasani 150540107079 GTU Paper Solution	Komal Nirmal 150540107065 GTU MCQ	Asha Hirpara 100540107013 Int. Journal of DIET	Akhtarali Ansari 150543107002 Advocate Case Diary	Purvang Vasani 150540107079 Dr Amit Acharya
www.aicte-college.com	www.indianhospitals.org/Home	www.arpanmachines.com	www.alaknandaindustries.com	www.ipc.aswdc.in
		ARPAN		
Bhavya Shah 150540107093 AICTE Appr. Colleges	Mansi Vyas 140540107137 Indian Hospital List	Yash Dudhagara 150540107022 Arpan M/C. Tools	Komal Nirmal 150540107065 Alaknanda Industries	Patel Arjun 140540107092 Indian Panel Code (IPC)
www.expense-manager.in	www.gujaratit.in	www.unit-converter.in	www.calendar.aswdc.in	www.www.7th-pay.com
			Hindu Calendar	7th Salary Calculator
Hudka Leet 140540107051 Expense Manager	Merja Parag 130540107061 Gujarat IT	Garnara Vishal 140543107014 Unit Converter	Megha Sachania 150540107056 Hindu Calendar	Yuvrajsinh Jadeja 140540107053 7th Pay Calculator
www.learn-yoga.in	www.basecalculator.aswdc.in	www.civil-vocabulary.aswdc.in	www.famous-quotes.aswdc.in/user/	www.gtuexam.aswdc.in
			Quote	
Govindra Pal 140543107026 Learn Yoga	Denish Dholariya 140540107030 Base Calculator	Neel Parmar 150540107071 Civil Vocabulary	Zarana Jani 150543107007 Famous Quotes	Chandarana K. 160543107003 GTU Exam Timetable
Projects	developed & deployed @	ASWDC		Download on the
	0		Google Play	App Store
105	50	40		国際国
Android Apps	iPhone Apps	Websites	(2)唐新建增度 国家家、教授初	

Total **175**Students have been placed in **57** companies through campus placement before end of 8th sem.

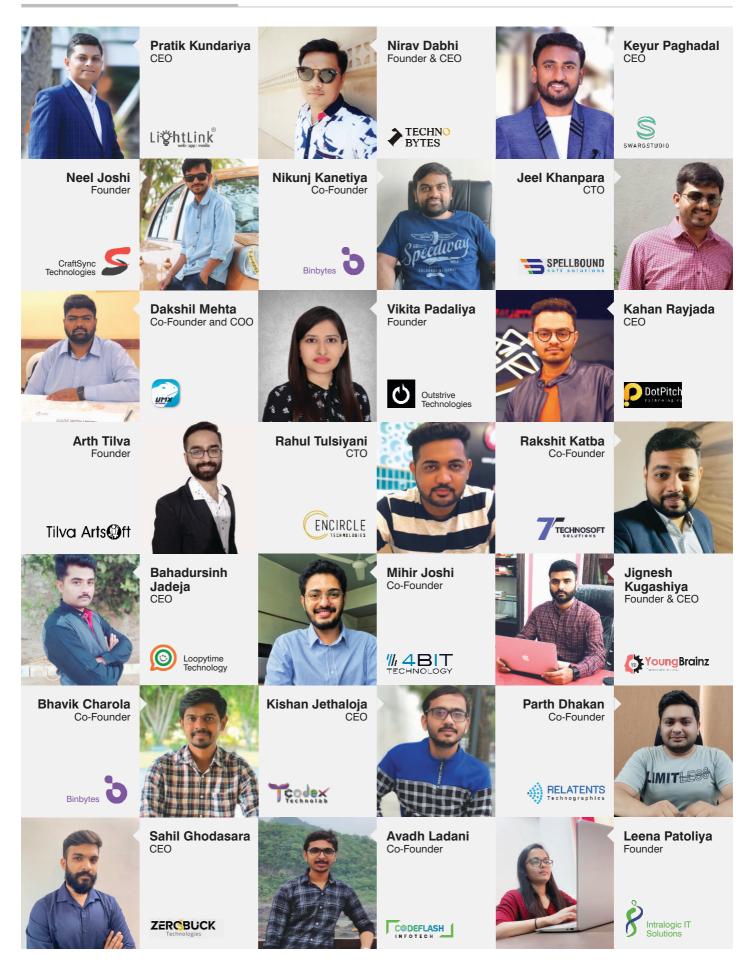




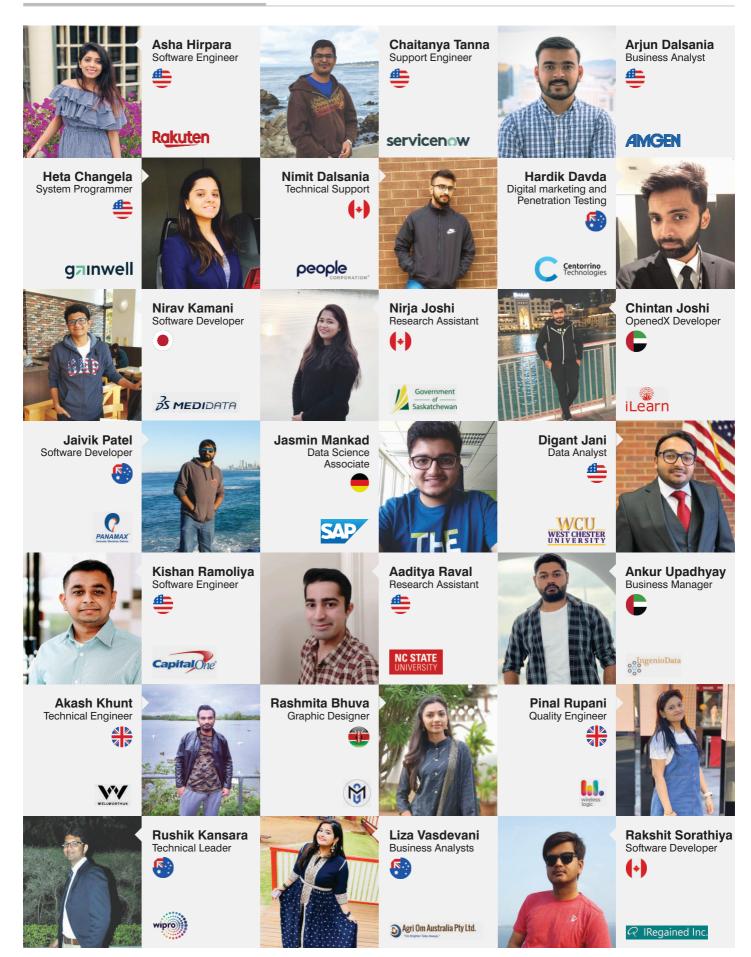




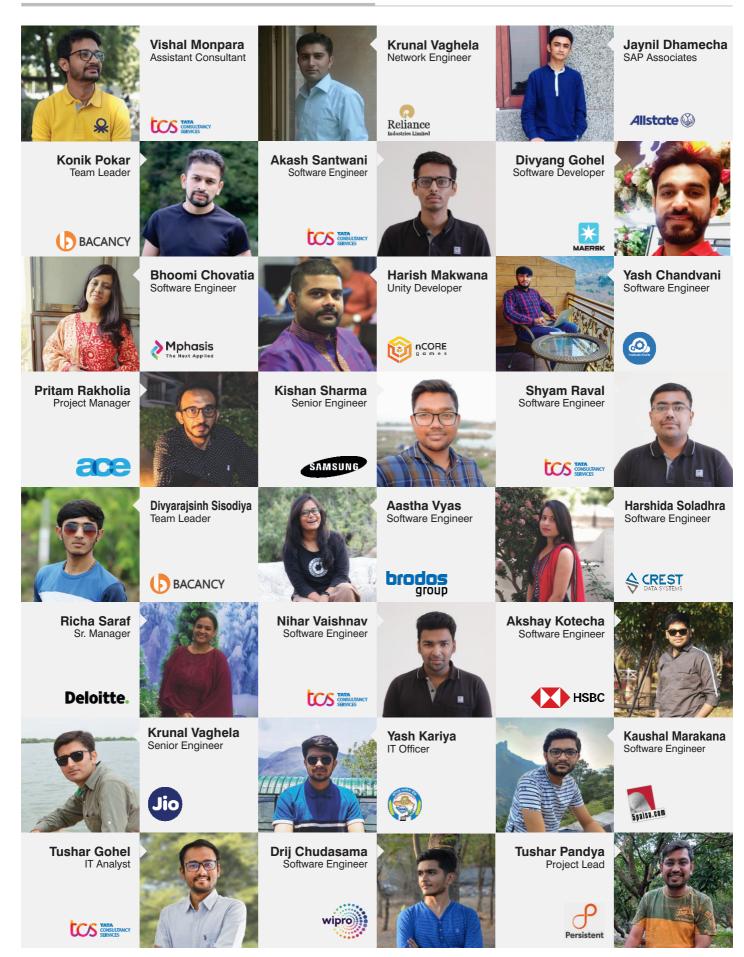
Entrepreneur Alumni



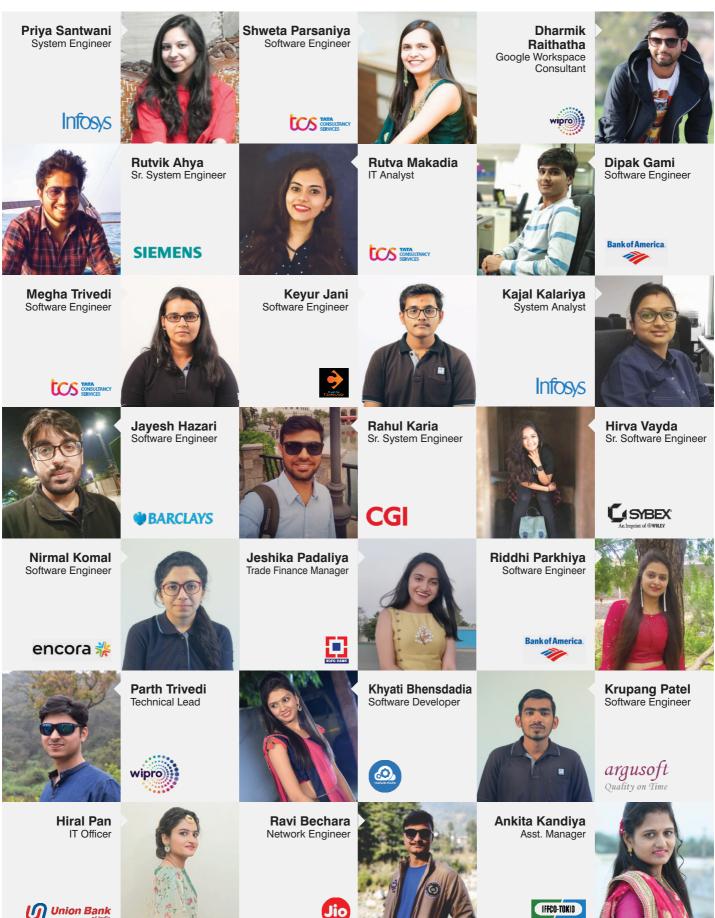
Alumni working Abroad



Alumni working in Top Companies



Alumni working in Top Companies



of India

Why B.Tech. (CSE) @ Darshan University?



એવરેજ વિદ્યાર્થીઓને સ્કોલર વિદ્યાર્થી જેટલુ <u>પ્લેસમેન્ટ</u>

 $\label{eq:phi} \label{eq:phi} \lab$



ઇન્ડસ્ટ્રીઝની અત્યારની અને ભવિષ્યની ડિમાન્ડ પ્રમાણેનો લેટેસ્ટ <u>સિલેબસ</u> Angular, Node, React JS, Flutter, .NET Core, ASP.NET, NoSQL hNfirk gþk dp,SA þhi Rခု



વેલ ક્વોલિફાઈડ અને ઇન્ડસ્ટ્રીઝ અનુભવ ધરાવતા મોસ્ટ સ્ટેબલ <u>ફેકલ્ટીઝ</u> 30+ altovar, 13+ hj @pA hf S-A _g h, 10+ altovar it BPX&V&T k p. jk l.the gpR>



Cutting-Edge ટેકનોલોજી ધરાવતી <mark>લેબોરેટરીઝ</mark>

IoT, Flutter, iPhone, Cyber Security, .NET, MS SQL hNf_iS



સ્પેશીચલ ઈન્ટરેસ્ટ ગ્રુપ (SIG) અને <u>પ્રોગ્રામિંગ કલ્ચર</u>

 $h\hat{U}\hat{p} A p$ HackerRank, LeetCode, CodeChef $hNfdp \hat{p} k \hat{u} M$



Entrepreneur Development Cell @ <u>ASWDC</u> Students are nurtured by industry veterans and best environment for the start-ups.



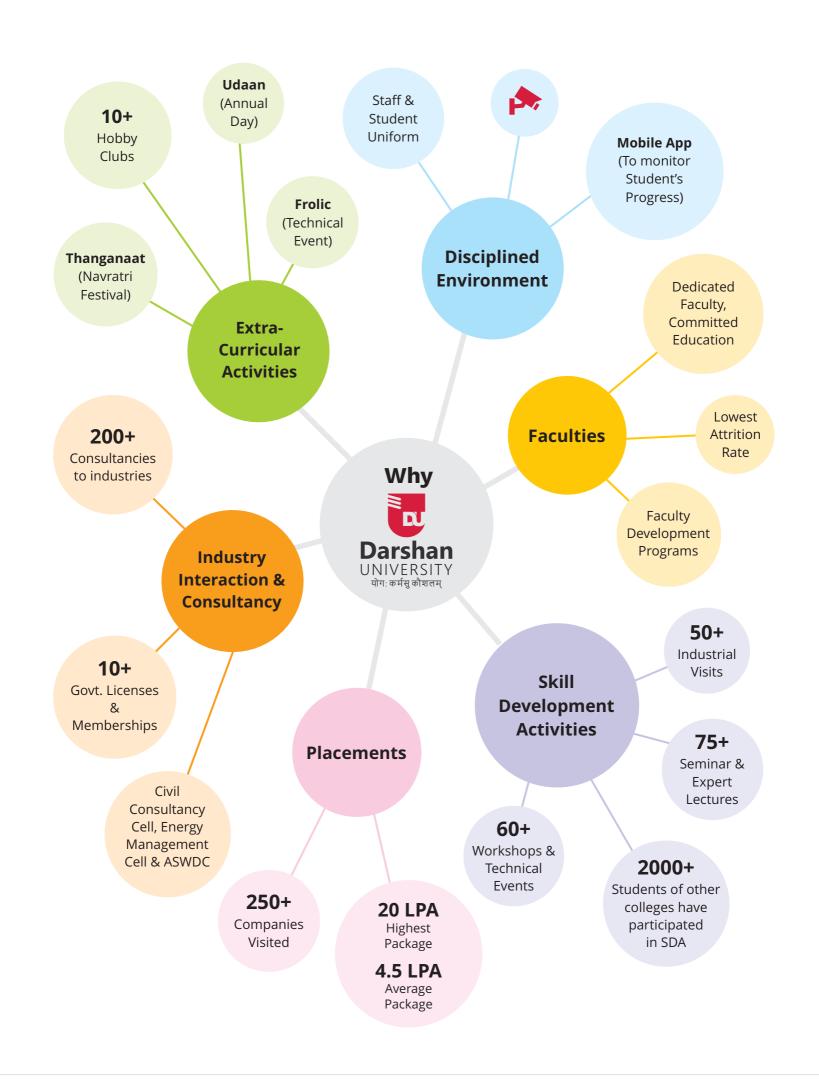
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50+ GPS equipped <u>Buses</u> fpS±βh/\$dpfbu, V\$\$\$fp hpt\$_f, Åd_Nf, ^pg, `X\$fu, NpK\$5, i p`f\uL\$pgS>bk_uakugu/A\$i



Scan QR Codes



B.Tech.

CSE











Apple App Store

Campus Video

B.Tech. CSE Placement

Laboratories







University Campus

- Rajkot-Morbi Highway, Rajkot – 363650
- s 9727747310 / 11
- www.darshan.ac.in

Counseling Centre

- 401, Lotus Arcade, 8 Royal Park, Between KKV Circle & Indira Circle 150 Ft. Ring Road, Rajkot - 360005.
- Sec. 9428231065, 9723232741