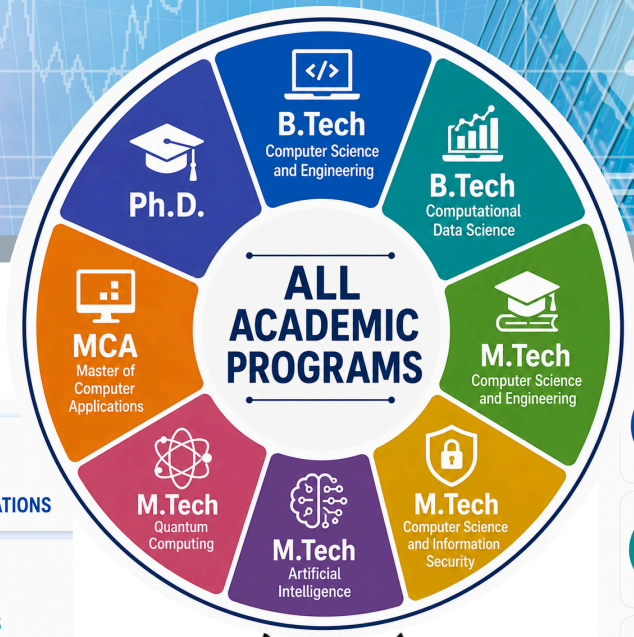
Computer Science and Engineering

NIT WARANGAL, TELANGANA, INDIA



868 TOTAL PUBLICATIONS

25 REVIEW PAPERS

7850 CITATIONS

15 BOOKS

53 BOOK CHAPTERS

(Last 5 Years)

INSTITUTE OF TECHNOLOGY NATIONAL
कर्मणेव हि संसिद्धिः
WARANGAL

41 FACULTY

8 STAFF

120 PHD RESEARCH SCHOLARS

749 UNDERGRADUATE STUDENTS

298 POSTGRADUATE STUDENTS

CONTACT US

PHONE
+91 9490 165 347

EMAIL
cse_hod@nitw.ac.in

WEBSITE
https://www.nitw.ac.in/cse









HISTORY TIMELINE

1983

B.Tech. program in Computer Science and Engineering was initiated with an intake of **20 students.**

1987

M.Tech. program in Computer Science and Engineering commenced with an intake of **18 students.**

1991

The **Department of Computer Science & Engineering** was established.
The department offers high-quality undergraduate, postgraduate, and doctoral programs.

2008

- **B.Tech.** intake increased from 20 to **120 students.**
- **M.Tech.** CSE intake increased from 18 to **20 students.**
- **M.Tech.** in Information Security program was introduced under the Information Security Education and Awareness Project (ISEAP), sanctioned by MCIT, Department of Electronics (DOE), Government of India, New Delhi, with an intake of **20 students.**
  Later, the program was renamed as M.Tech. in Computer Science and Information Security (CSIS).

2014

M.Tech. programs in CSE and CSIS were **accredited by the NBA** under the Washington Accord framework.

2024

B.Tech. program in Artificial Intelligence and Data Science was introduced with an intake of **60 students.**

2025

The intake for both M.Tech. CSE and CSIS programs was increased to **30 students** each.

2026

M.Tech. program in Artificial Intelligence was introduced with an intake of **30 students.**

CAMPUS FACILITIES

NIT WARANGAL

A Fully Residential Campus with World-Class Infrastructure

ACADEMIC & RESEARCH FACILITIES

- Central Library with 1.8+ lakh books, e-books, e-journals, technical reports & standards
- Mega Computer Centre and advanced laboratories
- Seminar Halls, Conference Halls, Orientation Halls & Auditoriums
- Dr. V.A. Sastry Centre for Innovation and Incubation
- Innovation Garage for startups and student projects


CENTRAL LIBRARY


COMPUTER CENTRE


INNOVATION & INCUBATION CENTRE


AUDITORIUM

HOSTELS & RESIDENTIAL FACILITIES

- Fully residential campus
- Separate hostels for boys and girls
- Accommodation for UG, PG & Research students
- Wi-Fi / Internet connectivity in the entire campus
- Mess facilities with hygienic food


BOYS' HOSTEL


GIRLS' HOSTEL

SPORTS & RECREATION

- Sports Stadium and Sports Pavilion
- Cricket
- Football
- Basketball
- Volleyball
- Badminton
- Tennis
- Indoor Games
- Gymnasium and Physical Education Facilities


CRICKET GROUND


BASKETBALL COURT


BADMINTON COURT


GYMNASIUM


FOOTBALL GROUND


TENNIS COURT

MEDICAL & WELLNESS

- Health Centre / Dispensary
- Medical consultation for students and staff
- Diagnostic facilities including ECG, X-ray, Pathology Laboratory
- Basic emergency care and first-aid services



DOCTOR CONSULTATION | ECG | X-RAY | PATHOLOGY LAB

STUDENT AMENITIES

SHOPPING COMPLEX | CAFETERIAS, FOOD COURTS & CANTEENS | STATE BANK OF INDIA BRANCH & ATMs | POST OFFICE WITHIN CAMPUS

GUEST HOUSE FOR VISITORS & PARENTS | LAUNDRY & DAILY-NEED STORES | STATIONERY, PHOTOCOPY & BOOK STORES

CAMPUS LIFE

- Student Activity Centre
- Technical Clubs, Coding Groups, Cultural Societies
- Entrepreneurship Development and Startup Ecosystem
- Major Annual Festivals


SPRINGSPREE (CULTURAL FEST)


TECHNOZION (TECHNICAL FEST)

Strong Alumni Network and Startup Ecosystem

WI-FI ENABLED CAMPUS | 24x7 SECURITY | GREEN & CLEAN CAMPUS | INCLUSIVE & DIVERSE ENVIRONMENT

PLACEMENT STATISTICS

FOR THE LAST THREE ACADEMIC YEARS

90%+ Overall Placement Across Programs

88 LPA Highest CTC (B.Tech CSE - 2022-23)

100% Placement (M.Tech CSE & CSIS in 2022-23)

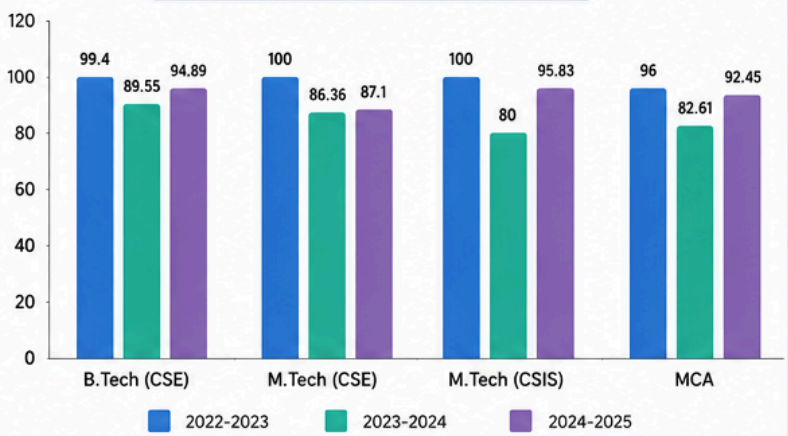
33 LPA Highest Median CTC (M.Tech CSE - 2022-23)

Consistent Opportunities Across All Programs

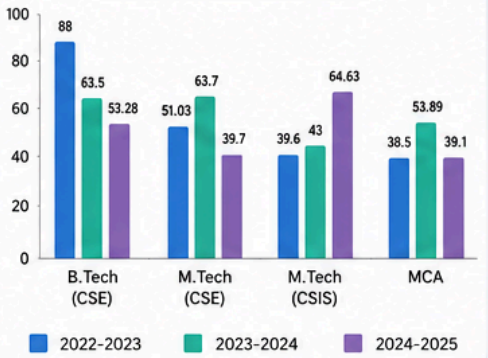
PLACEMENT STATISTICS FOR THE LAST THREE ACADEMIC YEARS

BRANCH	2022-2023					2023-2024					2024-2025				
	% Placements	Highest CTC (LPA)	Median CTC (LPA)	Average CTC (LPA)	Lowest CTC (LPA)	% Placements	Highest CTC (LPA)	Median CTC (LPA)	Average CTC (LPA)	Lowest CTC (LPA)	% Placements	Highest CTC (LPA)	Median CTC (LPA)	Average CTC (LPA)	Lowest CTC (LPA)
B.Tech (CSE)	99.4	88	30.5	30.8	7	89.55	63.5	24	29.67	3.5	94.89	53.28	20	22.63	6
M.Tech (CSE)	100	51.03	33	30.43	14.5	86.36	63.7	23.23	31.12	10.5	87.1	39.7	19.9	19.75	9.5
M.Tech (CSIS)	100	39.6	24.25	26.24	12	80	43	19.01	24	14	95.83	64.63	17.6	22.07	8.1
MCA	96	38.5	12	13.76	6.5	82.61	53.89	10.75	13.23	2.5	92.45	39.1	12.36	13.53	5

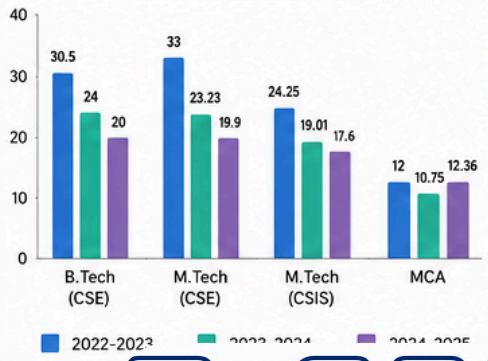
PLACEMENT PERCENTAGE (%)



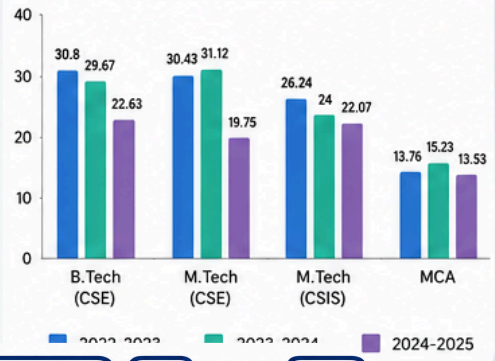
HIGHEST CTC (LPA)



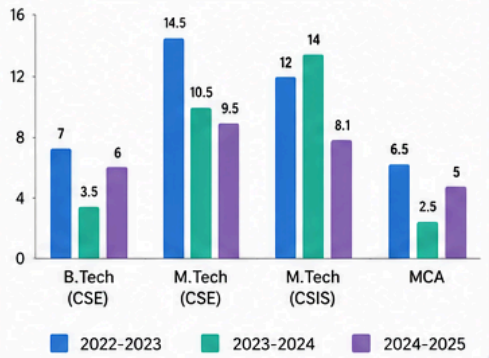
MEDIAN CTC (LPA)



AVERAGE CTC (LPA)



LOWEST CTC (LPA)

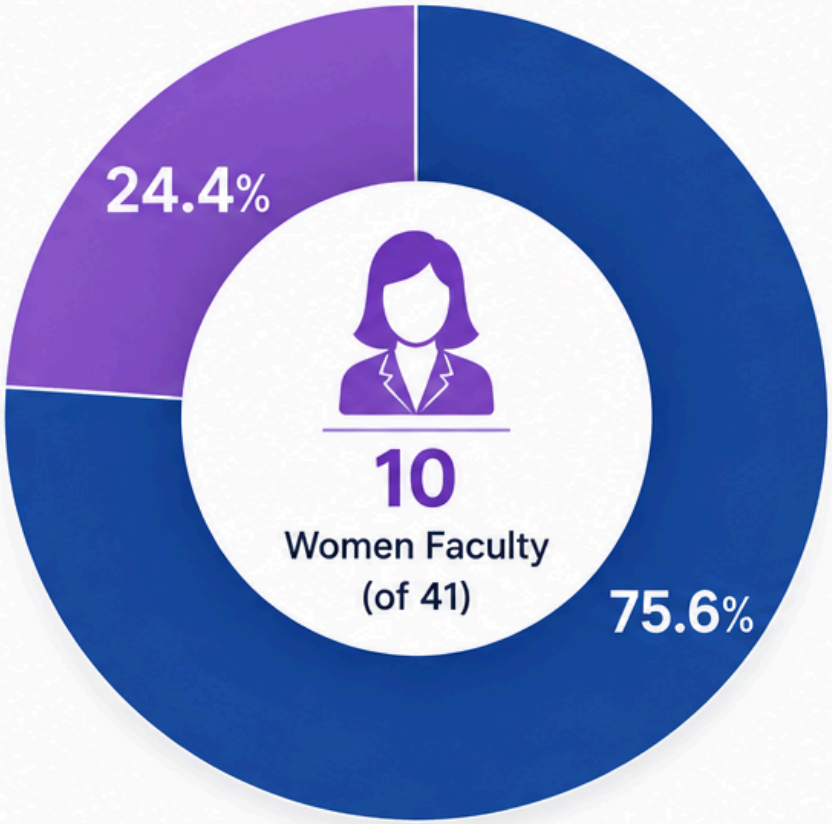


Microsoft, aws, Google, ORACLE, salesforce, Goldman Sachs, JPMorganChase, Adobe, Qualcomm, Texas Instruments, SAMSUNG, AMD, MEDIATEK, synopsys, NUTANIX, mastercard, VISA, Deloitte., pwc, accenture, UBER, BARCLAYS, HSBC, Deutsche Bank, WELLS FARGO, ARISTA NETWORKS, Western Digital, SAP, tcs, Infosys, Cognizant, HCL, Reliance Industries Limited, wipro, Tech Mahindra, L&T Technology Services, Capgemini

WOMEN IN CSE

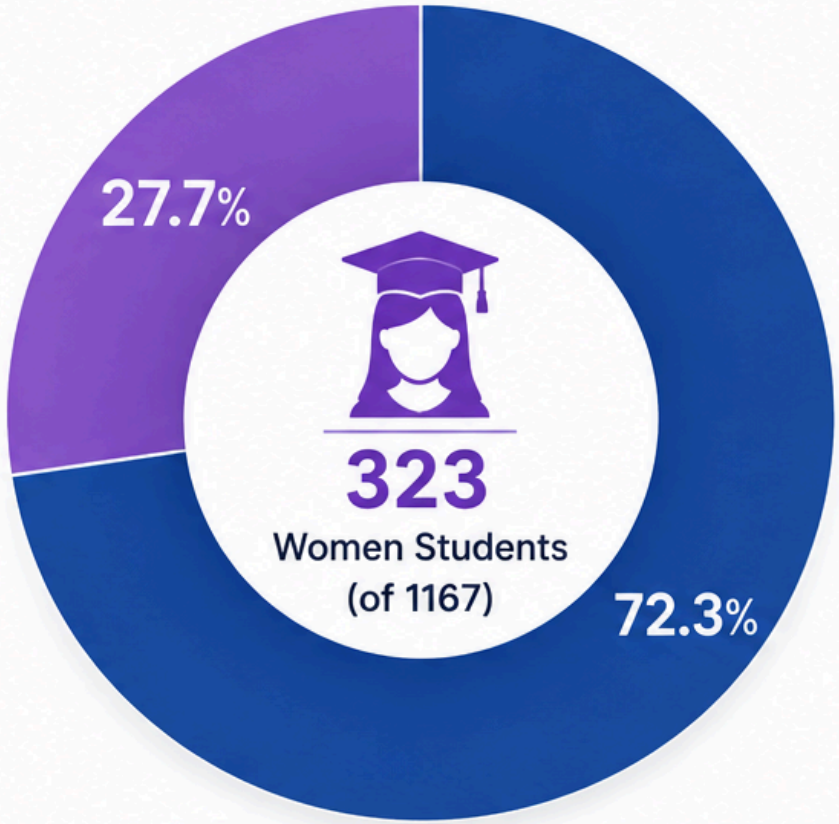
Promoting Diversity, Empowering Excellence

WOMEN FACULTY



- Women Faculty: 10 (24.4%)
- Male Faculty: 31 (75.6%)

WOMEN STUDENTS



- Women Students: 323 (27.7%)
- Male Students: 844 (72.3%)

Building an inclusive environment where every individual has the opportunity to learn, grow and lead.

About the City



RESEARCH GROUPS

Our research groups drive innovation and create impact across cutting-edge technologies.

1 ARTIFICIAL INTELLIGENCE, MACHINE LEARNING & BIG DATA ANALYTICS

Coordinator
Prof. R. B. V. Subramaanyam

- Artificial Intelligence
- Machine Learning
- Data Science
- Big Data Analytics

2 SECURITY

Coordinator
Prof. R. Padmavathy

- Cyber Security
- Information Security
- Privacy Preservation
- Cryptography
- Secure Systems

3 NETWORKS

Coordinator
Prof. Rashmi Ranjan Rout

- Computer Networks
- Wireless Networks
- Network Protocols
- Network Performance
- Communication Systems

4 SOFTWARE ENGINEERING

Coordinator
Prof. S. Ravi Chandra

- Software Design
- Software Testing
- Software Quality Assurance
- Requirements Engineering
- Software Maintenance

5 CLOUD & DISTRIBUTED COMPUTING / IoT

Coordinator
Prof. Ch. Sudhakar

- Cloud Computing
- Distributed Systems
- Internet of Things (IoT)
- Edge Computing
- Resource Management

CROSS-CUTTING RESEARCH THEMES

Algorithms | Bioinformatics | Computer Vision | Image Processing | Model-driven Frameworks | Soft Computing

Collaborative research. Innovative solutions. Impacting society.

NIT WARANGAL
RANKINGS & RECOGNITIONS (2025)

Recognized Globally • Respected Nationally • Committed to Excellence

NATIONAL RANKINGS (NIRF 2025)

NIRF 2025
ENGINEERING
#28
RANK IN INDIA

NIRF 2025
OVERALL
#63
RANK IN INDIA

INTERNATIONAL & GLOBAL RANKINGS (2025)

THE WORLD UNIVERSITY RANKINGS 2025

OVERALL
1201–1500
BAND

ENGINEERING
1001–1250
BAND

EduRank 2025

OVERALL
#2583
IN THE WORLD

EduRank
ENGINEERING 2025

WORLD	#1095
ASIA	#385
INDIA	#43

QuantumHE
(AGGREGATE RANKINGS) 2025

OVERALL GLOBAL POSITION
~1400
Average across
CWUR • CWTS Leiden • THE
SCImago • Webometrics • UniRanks

DRIVING INNOVATION • SHAPING FUTURES • IMPACTING THE WORLD

Rankings reflect the institute's commitment to academic excellence, research impact and global recognition.

NIT WARANGAL STUDENTS
ACHIEVEMENTS & ACCOLADES

EXCELLENCE • INNOVATION • LEADERSHIP • IMPACT

SPORTS ACHIEVEMENTS

All India InterNIT (Yoga)
Bronze Medalist
21–23 Feb 2024
All India InterNIT in Yoga with my team

All India Inter Zonal National Softball Championship (Men & Women)
2023–2024
Secured Gold Medal

ACADEMIC EXCELLENCE

Endowment Awards

RECW Alumni's America's Chapter Gold Medal

Awarded to the overall topper of First Year B.Tech. students among all branches of Regular Stream.

TECHNICAL & COMPETITION ACHIEVEMENTS

- **DE Shaw Intern Selectee**
- **174th Position in Goldman Sachs Hackathon**
  Conducted on May 18, 2025 among 2500 students
- **History – Politics Quiz** (Spring Spree 2024)
  Second Prize
- **Inter Hostel Chess Competition 2023–24** (Team of 4)
  3rd Place
- **Freshers Cup 2023–24** (Individual)
  3rd Place
- **Inter Murals Chess Competition 2025–26** (CSE Team of 5)
  3rd Place
- **EA & HAM GameJammed Game Development 2025**
  2nd Prize

AI & COMMUNITY ENGAGEMENT

Selected as a Student Ambassador associated with Google's AI initiatives, engaging with the Gemini community and participating in online technical events focused on advancing AI usage.

Actively participated in online events and discussions related to Google Gemini, collaborating with the community to explore AI tools and promote responsible and effective use of generative AI technologies.

PROGRAMMING & CODING ACHIEVEMENTS

ICPC (International Collegiate Programming Contest)
- **ICPC Prelims:** All India Rank 80
- **ICPC Regionals (Chennai Site):** All India Rank 42
  (Team of 3: Krrish Chanchal, Nasika Sasank)

ICPC Regionals – Amritapuri Multisite
Ranked #170 among all participating teams

ICPC Prelims
All India Rank #651

Winter Coding Contest (WCC 5.0)
National Level Coding Competition organized by VNRVJIET, Hyderabad
(Prize Pool: ₹50,000)
Secured 2nd Runners Up
(Team of 2: Krrish Chanchal)

HACKATHONS – ACHIEVEMENTS

Noobathon (CSES for Freshers)
Won the only spot in the Game Development category.

CSES Noobathon (Exclusively for 1st Years)
Team "Barely Functional" won the Game Development part.

CSES Noobathon (For 1st Years)
Team "Barely Functional" secured 1st Prize in Game Development.

Noobathon (ML Category)
Won 1st Place in the Machine Learning field.
Team: Akshay Vishnu (24CSB0A06), Laksh Rangnekar (24CSB0B38), Tarun Nagarajan (24CSB0A79), Mukesh Reddy (24BTB0A07)

Finnovate Hackathon (CSES Society)
Winner
Team: Kadak Chai

OTHER COMPETITIONS

Fintech Cybersecurity Hackathon (IIT Ropar)
Winners
20–21 March 2026
Prize Money: ₹75,000

Innothon 3.0 (NITW & Hitachi)
Winner with Special Mention
22–23 March 2026
Team: The Syndicate

OTHER RECOGNITIONS

Student Poster Presentation at ISEC 2026 (Jaipur)
Runner-Up for the Best Student Poster Award
Poster Title: "Estimating the Carbon Footprint of Free-to-Use Hosted Large Language Models."

CSE Department Represented at Academic Industry Conclave
27 March 2026
Showcasing engagement with industry & academia.

Overall Champion in Sport

Diverse Achievements Across Academics, Sports, Programming, Innovation & Leadership

A LEGACY OF EXCELLENCE. INSPIRING TOMORROW.

Driven by Passion. Defined by Excellence.

COMPUTING RESOURCES

CSE DEPARTMENT

LABORATORIES

COMPUTING LABORATORY

HARDWARE

- HP EliteDesk 800 g1 SFF (i7 @3.40GHz, 16GB RAM, 500GB HDD)
  - 40 Systems
- HP ProLiant 8300 SFF (i7 @3.40GHz, 16GB RAM, 500GB HDD)
  - 5 Systems

SOFTWARE

- OS: Windows 10, Ubuntu 20.04
- NetBeans 8.2, Anaconda, RStudio, Dev C++ 6.3, Sqldeveloper



DATA ENGINEERING LABORATORY

HARDWARE

- HP EliteDesk 800 g1 SFF (i7 @3.40GHz, 16GB RAM, 500GB HDD)
  - 50 Systems

SOFTWARE

- OS: Windows 10, Ubuntu 20.04
- Oracle 11g (Unlimited user Licenses), NetBeans 8.2, Anaconda, RStudio, Dev C++ 6.3, Sqldeveloper



SOFTWARE ENGINEERING LABORATORY

HARDWARE

- HP Optiplex 760 (Core2 duo E8400 @3.00GHz, 8GB RAM, 300GB HDD) — 50 Systems
- Acer Veriton (Core i7, 16GB RAM, 1TB HDD) — 40 Systems
- HP Core i7-4770 (Q8 Series, 16GB RAM, 500GB HDD) — 10 Systems

SOFTWARE

- OS: Windows 10, Ubuntu 20.04
- Rational Testing Suite, MSDN, NetBeans 8.2, Emulator 8086, Dosbox0.74, Anaconda, RStudio, Projectlibre-1.9.3, Dev C++ 6.3, Sqldeveloper



CLOUD SECURITY LABORATORY

HARDWARE

- HP 406 G1 systems (i7-4770, Q8 Series, 16GB RAM, 500GB HDD)
  - 65 Systems

SOFTWARE

- OS: Windows 10, Ubuntu 20.04
- NetBeans 8.2, Anaconda, RStudio, Dev C++ 6.3, Sqldeveloper



WIRELESS & SECURITY LABORATORY

HARDWARE

- HP ProLiant 8300 Micro Tower i5 @3.40GHz, 8GB RAM, 500GB HDD
  - 30 Systems
- Dell Optiplex 760 (Core2 duo E8400 @3.00GHz, 8GB RAM, 300GB HDD)
  - 10 Systems

SOFTWARE

- OS: Windows 10, MSDN, Dev C++ 6.3.



SERVERS

WINDOWS FILE SERVER



- Dell EMC PowerEdge R740 Xeon Gold 5115 @ 2.40GHz 256GB RAM, 8x1.2 TB SAS
- HP ProLiant DL380 Gen 9 Xeon E5-2630 v3 @ 2.4GHz 128GB RAM, 3x900GB SAS

OS: Windows Server 2019

ORACLE SERVER



HP ProLiant DL160 Gen8
Xeon E5-2630 @ 2.30GHz
64GB RAM, 2x1TB HDD

OS: Windows Server 2008, Oracle 11G

PROXY SERVER



HP ProLiant DL360e Gen8
Xeon E5-2420 @ 1.90GHz
128GB RAM, 2x2TB HDD

OS: Windows Server 2008, Forefront TMG 2010

RATIONAL ROSE SERVER



IBM e-server
Xeon 2.40GHz
1GB RAM, 40GB HDD

OS: Windows Server 2003, Rational Testing Suite (60 user license)

BIG DATA SERVER

- HP ProLiant DL980 Gen7
- 8x Xeon E7-2830 (2.13GHz/8-core) 512GB DDR RAM, RAID, 6x600GB 10K HDD, 12 PCI slots, 4x GbE, 2x 10GbE, FC HBA, 1200W PSU



OS: CentOS 6.5 Server with Hadoop 2.2

UNIX SERVERS



- HP ProLiant DL380 Gen 9 Xeon E5-2630 v4 @ 2.20GHz x 40 256GB RAM, 4x1.2TB SAS
- HP ProLiant DL380 Gen 9 Xeon Gold 6230 @ 2.10GHz x 80 128GB RAM, 3x2.4TB SAS

OS: CentOS 7, Openldap 2.4.44

MOODLE SERVER

HP ProLiant DL380 Gen 9
Xeon E5-2630 v3 @ 2.4GHz
128GB RAM, 3x600GB SAS

OS: Windows Server 2019

LINUX SERVER

- HP ProLiant DL360e Gen8
  Xeon E5-2420 @ 1.90GHz
  32GB RAM, 2x2TB HDD

OS: Linux



HIGH PERFORMANCE COMPUTING SERVER (HPC 8 NODE CLUSTER)

HP ProLiant DL380P Gen8
2x Xeon E5-2640 @ 2.5GHz (6-core)
64GB RAM, RAID, FC HBA, 1200W
Intel 7500 chipset with node controller



OS: Rocks Cluster 6.1.1 with CentOS 6.5

DISTINGUISHED ALUMNI

CSE DEPARTMENT

★ PIONEERS. LEADERS. INNOVATORS. ★



Ms. Aarthi Subramanyan
B.Tech - 1988
Executive Director – President and Chief Operating Officer, Tata Sons Private Limited, Mumbai

Mr. V Rajanna
B.Tech - 1988
President – Technology, Software & Services, TCS Ltd, Hyderabad

Mr. Vinay Puli
B.Tech - 2000
CTO, Techmirus, Hyderabad

Shri. Vipin Jain
B.Tech - 1994
Senior Fellow at AMD, USA

Shri. Nagajuna Venna
B.Tech - 1996
Co-Founder and Board Chair, Ashvin AI, USA

Dr. Pusaneet Kohli
B.Tech - 2004
VP, Google DeepMind & Chief Scientist, Google Cloud London, UK

Ms. Pavithra Prabhakar
B.Tech - 2004
Professor, Kansas State University, Manhattan, United States

Sachin Verma
B.Tech - 1998
Founder & CEO, Incture Technologies, Bengaluru

Nikhil Singhvi
B.Tech - 1990
Managing Director, UBS Banking, USA

Hemant Kumar
B.Tech - 2008
Founder, Leisure & Travel, Kuala Lumpur

Jeetendra Narayan Tiwari
MCA - 2010
Director, Visa, Bengaluru

Lava Ethakota
B.Tech - 1998
Director, Amazon, USA

Prashant Dash
B.Tech - 1997
Director, Harman, Bangalore

Satish Vibanala
B.Tech - 1998
Director, Bank of America, Singapore

Prasad V L
B.Tech - 1994
Founder & CEO, Teligentz Tech Solutions Pvt Ltd, Bangalore

Shivashankar Panchgalle
B.Tech - 1997
Advisor : Practice Head - Industry Solutions (Consumer Products), Singapore

Puneet Vardhan
B.Tech - 1996
Director, Walmart, Bangalore

Suren Poruri
M.Tech - 1993
Director, Automated Software Coding Solutions Pvt Ltd, Hyderabad

Krishna Bhagavan Mankala
M.Tech - 1990
Director, SK Life Science Inc, USA

Devendra Gondane
B.Tech - 1999
Director, FIS Solutions (India) Pvt. Ltd, Pune

INSPIRING EXCELLENCE.
BUILDING THE FUTURE.