nist
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NIST AUTONOMOUS
Center for Academics and Research Excellence Since 1996
Institute Park, Pallur Hills, Berhampur, Odisha-761008, India

School of
COMPUTER SCIENCE
AND ENGINEERING

Apex kernel for all innovations

TIMES Ranking
2021
98th All India Rank among all institutes

OUTLOOK
2019
60th All India Rank by OUTLOOK

DATAQUEST
2018
25th All India Rank by DATAQUEST

nirf
2016
69th All India Rank by NIRF

NAAC (UGC) accredited
With Grade'A'

Accredited by National
Board of Accreditation
(For CSE & ECE)

86%
Campus Placement
Despite Covid Situtation

ABOUT NIST

NIST is an autonomous institute, established in 1996 as the first NRI higher educational venture in the state of Odisha with an objective to be a center for academics and research excellence at par with international universities. It is promoted by SM Charitable Educational Trust established in 1995 by Dr. Sukant K. Mohapatra and Mrs. Sanjeeta Mohapatra as founder / donor trustees. Located at foothills of Pallur Hills in Berhampur, spanning over sixty acres of lush green campus, NIST is a premiere research institute in the country offering undergraduate, graduate, and Ph.D. program in Engineering, Science, and Management.

OUR VISION

Focused on high quality teaching, creative innovation, entrepreneurship, and universal partnership

OUR MISSION

A research institute committed to academic excellence, fundamental research and innovation, nurturing global citizens, and collaborative engagement.

School of Computer Science and Engineering

School of Computer Science & Engineering: It started as department of CSE with establishment of NIST in 1996. The School of Computer Science now spans across multiple departments including CSE, IT, MCA with a student strength of over 1200. In order to enhance the potentiality of our students to cope up with the today's corporate standards, the department offers different training programs on emerging technologies like Machine Learning, Deep Learning, Data Science, Cryptography & Network Security, & Cloud Computing. Apart from summer training, the department also offers specialized courses like CCNA, HiPC, Image Processing, & Multimedia. Every year the department faculty members publish high impact factor journals like IEEE journals, Springer, Elsevier and Tailor & Francis. More importantly, students also publish papers in international conferences and journals based on their third year and fourth year project works in association with faculty members. As a mark of productive research work from students and faculty members, the department has Centers of Excellence of industries like IBM and CISCO Local Academy. The department is also consistent in maintaining over 85% placement records over the years. In addition to this, the department also emphasizes on higher studies for its students in India and abroad, which helps them to be a part of different programs like MS and PhD at reputed institutes like IIT Madras, IIT Kanpur, and foreign universities like Taiwan, UK and Canada.

Why join CSE @NIST

- Has broad and strong academic and research programs on recent trends of industries with large and diverse student community.
- Has association with global universities in order to enhance its academic excellence, research, and innovation.
- Has 85% of track record in placement over the years
- Is focused on career opportunities for its student in Higher Education, and Entrepreneurship
- Has industry collaborators/partners where students get opportunities to work as an intern and commercial projects
- Supports students to get scholarship, teaching assistantship and grants.
- The student community is also trained with value, ethics, collaboration, and social services to serve the society better.

Highlights

- Faculty members with 50% PhD scholars from the best institutes in the country and abroad.
- State of the art infrastructure and facilities including Center of Research Excellence Labs: IoT, IBM, CISCO.
- Exposure to real-world solution, products and working environment through active industry internship, partnership and collaboration.
- Opportunities for eligible students such as paid research and student assistance beyond the scholarship.
- 12 different technical and non-technical clubs like CODING-EXCEL, Multimedia, Data Science, Cloud Computing, Music, Social Service, Photography etc.
- Periodical technical talks, conferences, seminars and events are organized to provide In-person interaction with industry leaders around the globe.
- Association with student counseling and mentoring cell for its students from the beginning to end of their engineering careers.

DR. PRIYADARSHI TRIPATHY, PRINCIPAL

Ph.D in Electrical Engineering from Concordia University, Montreal, Canada and M. Math. in Computer Science from University of Waterloo, Waterloo, Canada. Dr. Tripathy has a strong Academic career with 17 years of software industry experience in Canada and USA at Nortel Networks, Cisco Systems, Airvana Inc. and NEC Labsat Princeton. Before joining NIST, he worked as a Dean, School of Information & Computer Sciences (SICS), Ravenshaw University. He has co-authored two textbooks on Software Evolution and Software Testing and Quality Assurance which are being adopted as course text. His research interest is in the area of software engineering and computer networks.

DR. K HEMANT KU REDDY, HOD, SCHOOL OF CSE

Associate Professor in School of Computer Science and Engineering. He received his Ph.D in the year of 2014. He has 15 years of teaching experience. His research interest area is Distribution Systems (Cloud computing, Fog computing, IoT). He has published good quality research articles in qtr 1 journals.

The School of Computer Science and Engineering runs the following programs:

B.Tech.	B.Tech.	M.Tech.	MCA	Ph.D
Computer Science and Engineering	Information Technology	Computer Science and Engineering	Master of Computer Application	Ph.D Program

LABORATORIES

- Microprocessor and Micro controller
- Computer Organization and Architecture
- Computer Network, Operating System
- Database Engineering, Software Engineering
- Programming Lab
- Embedded System, Industrial Standard ARM Research

Research Labs

- High Performance Computing (HiPC)
- Cryptography and Network Security
- Computer Vision and Image Processing
- Embedded System and IoT
- Data Science and Machine Learning
- Multimedia and Game Design
- CISCO Networking
- IBM Tools

Hi-end Equipment List

- Cisco-Routers and Switches, Security Devicesand Access Point, Wipro MTLC-Equipment
- Thermal Camera and 3D Scanner and 3D Printer.
- HPC Dell Power Rack Server with 16x4 Cores.
- Dell Server 7600, 5600
- Image Processing Server and Network Security
- Dell 5600 Multimedia Server, CUDA Server, NVIDIA GPUs
- Embedded Boards from ARM, TI and Altera etc.
- Cloud Computing Hardware

Software

- EXATA Networking Simulation, SAP, Rational Rose, Compilers, MSDN Tools, Image Processing MAYA, 3D MAX Studio, MATLab with add on tool boxes like Optimization, Statistical, Machine learning, Embedded system and IoT etc.

CLUB ACTIVITIES

Club Excel, Cloud Computing Club
Data Science Club, Multi-media Club

STUDENT PLACEMENT

Biswajit Padhy
Data Scientist @ Spikewell with an Annual package of 10Lacs

Vaibhav Kejriwal
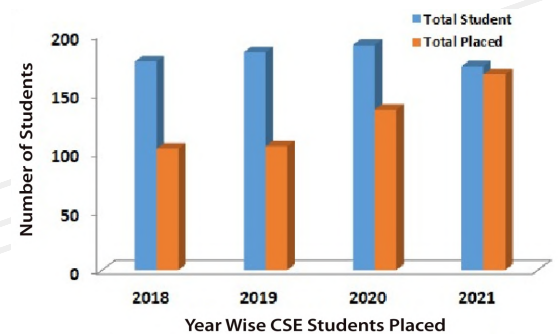Product Analyst @ Airtel with an Annual Package @ 12 Lacs.

GCS Living Stone
Got placed in Amazon @ 30Lacs package (Highest Package)

Sumit Kumar
Got placed in Amazon @ 30Lacs package

Year Wise CSE Students Placed

STUDENT ACHIVEMENTS

Abhishek Sahu
GATE 2021 AIR 590 and got admission for M.Tech in CSE at IIT Kanpur.

Shivangi Shreya
Admission in IIT, Madras (MS in Computer Science) in first attempt.

SUMMER COURSES

FUNDED RESEARCH PROJECTS

"A Machine Learning Framework for deploying mobile edge clouds for real time analytics on IoT data over 5G" MeitY, New Delhi, 45.00 Lakhs for three years.(Dr. K Hemant Reddy, Co-PI)

OUR ESTEEMED RECRUITERS

NIST Autonomous | Institute Park, Pallur Hills, Berhampur, Odisha-761008, India