DEPARTMENT OF CSE

**Programs offered :** BTech CSE, MTech CSE, MTech AI  
**No. of Students : B.Tech. :** 2  
 **M.Tech. :** 0  
 **MS (R ) :** 0  
 **PhD :** 0  
**Head of the Department :** Dr. S. R. S. Iyengar   
**No. of faculty members :** 3  
**No. of staff members :  
 Technical Staff :** 0  
 **Administrative Staff :** 1  
**Thrust Area :**   
**No. of Publications :** 3

# Faculty Members

**Name :** <bound method CustomUser.pub\_name of <CustomUser: Dr.Neeraj Goel>>  
**Designation :** Assistant Professor  
**PhD Institute :** IIT Delhi, India  
**Areas :** Processor architecture, SoC design and modeling, Low power design, behavior synthesis, Reconfigurable computing and FPGAs, Retargatable code generation and compiler optimizations

**Name :** <bound method CustomUser.pub\_name of <CustomUser: Dr.Puneet Goyal>>  
**Designation :** Assistant Professor  
**PhD Institute :** Purdue University , USA  
**Areas :** Image Processing/Computer Vision, Deep Learning, Machine Learning, Security Analytics and Assistive Technologies

**Name :** <bound method CustomUser.pub\_name of <CustomUser: Dr.Sudarshan Iyengar>>  
**Designation :** Head of Department - CSE  
**PhD Institute :** Indian Institute of Science, Bangalore  
**Areas :** Data Sciences and Analytics, Social networks, Social Computing and Collective Intelligence Dynamics

# Ongoing Activities

# Facilities

**No. of Labs : UG :** 1

**Name of the lab :** Machine Learning Lab  
**Name of the Head of the Research lab :** Dr.Sudarshan Iyengar

**Name of the lab :** Social Computing Lab  
**Name of the Head of the Research lab :** Dr.Sudarshan Iyengar

**Name of the lab :** Computer Architecture Lab  
**Name of the Head of the Research lab :** Dr.Neeraj Goel

**Name of the lab :** Image Processing, Security, and Analytics (IPSA)  
**Name of the Head of the Research lab :** Dr.Puneet Goyal  
**Name of the Equipments :** Microscopic Image Processing System – Dalsa Genie M640, Basler Scout SCA, Digital Video Cameras, IP Cameras with vary focal Lens, Honeywell PTZ Dome camera with camera mount, AXIS PTZ Camera with camera mount, Honeywell-Network Video Recorder, Server, Silvan ‘Dhuruv’ Cameras, Dental Imaging System, Desktops, Printers

**Name of the lab :** Web Development Lab  
**Name of the Head of the Research lab :** Dr.Puneet Goyal

# AWARDS AND HONOURS 2020 (faculty)

|  |  |  |  |
| --- | --- | --- | --- |
| Sr.No | faculty | title | type |
| 1 | NA | Best Industrial Paper Award | CP |
| 2 | NA | Gate Rank Holder | CP |
| 3 | NA | Recipient of Philips Scholarship | O |

# LECTURES BY VISITING EXPERTS

|  |  |  |  |
| --- | --- | --- | --- |
| Sr.No | Name of the experts with affiliation | Topic | date |
| 1 | Sukhmeet | Test Seminar | 2023-04-04 |
| 2 | Dr. Hanumant Singh Shekhawat, IIT Guwahati | Mathematical foundation of deep neural networks | 2022-02-02 |
| 3 | Dr. John Jose, IIT Guwahati | Doctoral Research - Essentials and Desirables | 2021-12-02 |

# VISITS ABROAD BY THE FACULTY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.No | Name of the faculty member | Country | Visit Details | Date of visit |
| 1 | NA | SRM | Invited | 2023-04-05 |
| 2 | NA | California, USA | IIT Bay Area Leadership Conference | 2019-06-11 |
| 3 | NA | NTU and NUS, Singapore | Participation in CS Research | 2020-01-03 |

# MAJOR RESEARCH PROJECTS (Ongoing/Completed)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.No | Name of the faculty member | Title of the project | Start date | Ongoing/Completed |
| 1 | NA | Computationally Intelligent Methods | NA | CO |
| 2 | NA | Design and Evaluation of Demosaicking Techniques | NA | CO |
| 3 | NA | Security Enhancement for Visually Impaired | NA | CO |

# PUBLICATIONS

## Faculty : Dr.N Goel

**Papers:** How smart are smart classrooms? A review of smart  
 High-throughput cnn inference on embedded arm big.

## Faculty : Dr.P Goyal

**Papers:** Learner's perspective on video-viewing features of

# 5) Any other important information

(Note: The data will be included from April 1, 2019 to March 31, 2020)