Possible Project areas/topics for UG and PG students


Cloud Security/Privacy: Data storage and retrieval.

System Security: Buffer Overflow, Platform security.


Payment Systems: Mobile payment, Key Management.

If you are interested to work with me, talk to me.

@2008 onwards
Possible Project areas/topics for UG and PG students

Visit Security Group page at http://security.daiict.ac.in/

Students supervised by me
UG students: 60+
PG students: 20+

Students Achievement
Journal publications: 18+
Conference publications: 35+

@2008 onwards
Project Area

Security/Privacy in RFID system, Sensor Networks, IoT applications.

Project contributed by
UG students: 18+
PG students: 8+

Journal publications: 8 (UG: 4; PG: 4)
Conference publications: 13 (UG: 5; PG: 8)

@2008 onwards
Research outcomes in the area of RFID, Sensing, and IoT security and privacy


Research outcomes in the area of RFID, Sensing, and IoT security and privacy


Research outcomes in the area of RFID, Sensing, and IoT security and privacy


@2008 onwards
Research outcomes in the area of RFID, Sensing, and IoT security and privacy


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Research outcomes in the area of RFID, Sensing, and IoT security and privacy


Research outcomes in the area of RFID, Sensing, and IoT security and privacy


Research outcomes in the area of RFID, Sensing, and IoT security and privacy

- **Nandan Parikh** and Manik Lal Das. Privacy-preserving Services in VANET with Misbehavior Detection. *In Proc. of the IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS 2017)*, IEEE, India, 2017. [*Nandan was in BTech 2012 Batch*] --- a conference publication


@2008 onwards
Ruchi Kachhia, Prachi Agrawal and Manik Lal Das. Tag-Reader Authentication System Guarded by Negative Identifier Filtering and Distance Bounding. In Proc. of International Conference on Distributed Computing and Internet Technologies (ICDCIT 2019), 2019. [Ruchi and Prachi were in BTech 2014 Batch- ]-- a conference publication
Project Area

Security/Privacy in Data storage and retrieval in Cloud infrastructure

Project contributed by
UG students: 4+
PG students: 11+

Journal publications: 2 (PG)
Conference publications: 15 (PG)

@2008 onwards
Research outcomes in the area of Data storage and retrieval in Cloud infrastructure

- **Naveen Kumar, Anish Mathuria, and Manik Lal Das.** On Classifying Indirect Key Assignment Schemes for Hierarchical Access Control. *In Proc. of National Workshop on Cryptology, 2010.* [Naveen was in PhD 2010 Batch] --- a workshop publication


@2008 onwards
Research outcomes in the area of Data storage and retrieval in Cloud infrastructure


@2008 onwards
Research outcomes in the area of Data storage and retrieval in Cloud infrastructure


@2008 onwards
Research outcomes in the area of Data storage and retrieval in Cloud infrastructure


Research outcomes in the area of Data storage and retrieval in Cloud infrastructure

- **Payal Chaudhari** and **Manik Lal Das.** Privacy Preserving Signcryption Scheme. In Proc. of International Conference on Distributed Computing and Internet Technologies (ICDCIT 2017), 2017. [Payal was in PhD 2011 Batch] --- a conference publication

- **Hardik Gajera, Shruti Naik** and **Manik Lal Das.** On the security of “Verifiable Privacy-preserving Monitoring for Cloud-assisted mHealth Systems”. In Proc. of the International Conference on Information Systems Security (ICISS 2016), Jaipur, India, 2016. [Hardik is a PhD student 2014 - and Shruti was in MTech 2015 Batch] --- a conference publication

@2008 onwards
Research outcomes in the area of Data storage and retrieval in Cloud infrastructure


@2008 onwards
Research outcomes in the area of Data storage and retrieval in Cloud infrastructure


Research outcomes in the area of Data storage and retrieval in Cloud infrastructure


@2008 onwards
Project Area

Security in Buffer Overflow and Platform security

Project contributed by
UG students: 7+
PG students: 2+

Journal publications: 2 (UG)
Conference publications: 2 (UG: 1, PG: 1)

@2008 onwards
Research outcomes in the area of Buffer Overflow and Platform security


@2008 onwards
Research outcomes in the area of Buffer Overflow and Platform security


Project Area

Security in Web applications, SQL Injection, Cross-site scripting

Project contributed by
UG students: 10+
PG students: 4+

Journal publications: 2 (UG)
Conference publications: 4 (UG: 3, PG: 1)

@2008 onwards
Research outcomes in the area of Web security


@2008 onwards
Research outcomes in the area of Web security


Research outcomes in the area of Web security


Project Area

Security in
Multimedia: Image, Audio and Video

Project contributed by
UG students: 9+
PG students: 4+

Journal publications: 4 (UG: 3, PG: 1)
Conference publications: 2 (PG)

@2008 onwards
Research outcomes in the area of MANET, VANET, Multimedia


Research outcomes in the area of MANET, VANET, Multimedia
Research outcomes in the area of MANET, VANET, Multimedia


BTech Final Year Project Supervision by me

> 90% students found self motivated for pursuing higher studies in Top Universities in abroad

@2008 onwards
MTech Theses Supervision by me

@2008 onwards