



18th August 2017



GUEST LECTURE
ON
ELGAMAL CRYPTOSYSTEM

BY
DR. RAJ KUMAR PATRA
PROFESSOR

Organised By
DEPARTMENT OF CSE

Venue : SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Bandlaguda, Nagole, Hyderabad, Telangana 500068.

A Report on Guest Lecture

Department of Computer Science *Guest Lecture on ELGAMAL Cryptosystems*

8/18/2017
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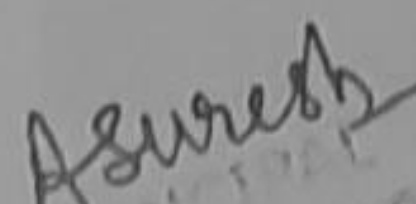
The Guest lecture was organized by Computer science Department. The main agenda of this session was to get a complete idea on Cryptography. This session was carried out by Dr. Rajkumar Patra currently working as professor at CMR college of Engineering and Technology in Computer science department. He has published many international journals and also guiding M.Tech projects. Professor not only gave guest lecture on Cryptography but also gave tips on Ethical Hacking which was very interesting topic to the students. He has elaborated the outcome of learning ELGAMAL cryptosystems and also tips for studying Cryptonetworks.

Students took active participation by listening and also noting down the important points given by the Professor. He not only gave lecture on the subject but what kind of projects can also be developed using Cryptosystems and various subjects. As a token of respect, memento has been presented to the resource person.

The session started from 9:30 a.m and ended with vote of thanks at 1:30 p.m




Program Co-ordinator


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Curriculum Vitae

1. Name of the Candidate : Dr. Raj Kumar Patra
2. Date of Birth : 06th August, 1977
3. Mailing Address : House No. – 3-129/26/4
Prudential Bank Colony,
Jayabheri Park
Kompally - 500014
Hyderabad, Telengana State, India
Mobile No. : 09893305671
E-mail : patra.rajkumar@gmail.com



4. Educational Qualification-

- B. E. Computer Science, passed with **first division** in the year 2000 from Karnataka University, Dharwad (Karnataka) securing **65.88%** of marks.
- M. Tech., Computer Science and Engineering (Computer Technology and Applications), passed with **first division** in the year 2009 from Chhattisgarh Swami Vivekananda Technical University, Bhilai (Chhattisgarh) securing CPI **8.378**.
- Ph. D. in Computer Science and Engineering from Dr. C. V. Raman University, Kargi Road, Kota, Bilaspur (Chhattisgarh), June 2017.

5. Work Experience

- **Oct 2001 - May 2003**
Worked as Lecturer in Dept. of Computer Science & Engineering at Raipur Institute of Technology Raipur (C.G.), and taught Computer Science Core subjects (Data Structures, Computer Graphics, Parallel Computing) of B. E. Computer Science & Engg. Course.

- **June 2003 – January 2009**
Joined as Lecturer in Dept. of Computer Science & Engineering at SSCET Junwani, Bhilai (C. G.). Got departmental promotion and worked as Sr. Lecturer, involved in teaching core subjects (Data Structures, Computer Graphics, Computer Network, Computer Organization, Microprocessor, Multimedia, Software Engineering) of B. E. Computer Science & Engg. course.

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2. Tilendra Shishir Sinha, **Raj Kumar Patra**, Rohit Raja and Ravi Prakash Dubey, Progressive-Regressive Strategy for Biometrical Authentication, Wavelet Transform and Some of Its Real-World Applications, by Intech Europe, ISBN 978-953-51-2230-2, pp. 1-33, Dec. 2015 edited by Dr. Dumitru Baleanu. DOI: 10.5772/61786.

(C) Conferences

1. **Raj kumar Patra**, Rohit Raja and Tilendra Shishir Sinha, Modeling and Simulation of GAIT for Abnormal Foot Recognition using Neuro- Genetic Approach, In the proceedings of Emerging Principles and Practices of Computer Science and Information Technology (EPPCSIT09) Vol. 2, pp. 416-421, held at Guru Nanak Dev Engineering College, Ludhiana, 4th – 5th September, 2009, ISBN 81-89651-36-6.
2. Rohit Raja, **Raj kumar Patra** and Tilendra Shishir Sinha, A Side-View extraction of features for Automatic Face Recognition using Neuro- Genetic Approach. In the proceedings of Emerging Principles and Practices of Computer Science and Information Technology (EPPCSIT09) Vol. 2, pp. 119-123, held at Guru Nanak Dev Engineering College, Ludhiana, 4th – 5th September, 2009, ISBN 81-89651-36-6.
3. **Raj kumar Patra**, Rohit Raja and Tilendra Shishir Sinha, Anomaly in Foot Recognition through human gait using Hybrid Approach, in the proceedings of **International Conference** of Systemics, Cybernetics and Informatics (ICSCI 2010) held at Pentagram Research Centre Private Limited, Hyderabad, India, pp.112-117, 27th – 30th Jan 2010.
4. Rohit Raja , **Raj kumar Patra** and Tilendra Shishir Sinha, Soft-Computing Based Modeling and Simulation for Face Identification from Side-View, In the proceedings of **International Conference** of Systemics, Cybernetics and Informatics (ICSCI 2010) held at Pentagram Research Centre Private Limited, Hyderabad, India, pp. 106-111, 27th - 30th Jan 2010.
5. **Rajkumar Patra**, Rohit Raja and Tilendra Shishir Sinha, Analysis and Recognition of Anomaly in foot through Human Gait using Neuro-Genetic approach, In the proceedings of 4th **International Conference** on Computer Applications in Electrical Engineering Recent Advances (CERA-09), held on 19th – 21st February 2010 at IIT, Roorkee.
6. Rohit Raja, **Rajkumar Patra** and Tilendra Shishir Sinha, Modelling and Simulation of face from side-view for Biometrical Authentication using Hybrid approach, In the proceedings of 4th **International Conference** on Computer Applications in Electrical Engineering Recent Advances (CERA-09), held on 19th – 21st February 2010 at IIT, Roorkee.

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Rajkumar Patra, Kiran Chhabra and Akansha Choubey, Virtual Reality in World, in the proceedings of Recent Trends & Development in Computer

Communication Engineering (ICIECE – 2018), held at Guru Nanak Institute of Technology, Hyderabad, India, 27-28 July 2018.

16. **Raj Kumar Patra**, Rohit Raja, Rashid Mahmood, Tilendra Shishir Sinha. Image Registration and Rectification using Background subtraction method for Information Security to justify Cloning Mechanism using High-end Computing Techniques, In the Proceedings of the 3rd International Conference on Computational Intelligence and Informatics (ICCI – 2018), held at JNTU College of Engineering, Hyderabad, India, 28 – 29 December 2018.

(D) Workshops / Trainings

➤ **Rajkumar Patra et al.**, “Curriculum Development for Technical Education”. Workshop on Redefining Technical Education in the context of Global, National and Local needs organized by Chhattisgarh Swami Vivekanand Technical University, Bhilai on 2nd -3rd July 2005.

➤ Attended one week short term training “*DSP Tools & Practice*” conducted by G. S. Sanyal School of Telecommunications, at I. I. T. Kharagpur from 06th -11th June 2005.

➤ Attended 3 day workshop on “*IBM DB2*” organized by IBM, held at Chhatrapati Shivaji Institute of Technology, Durg through CSVTU, Bhilai from 19th - 21st September 2006.

➤ Attended 2 day workshop on “*Big Data Analytics with Hadoop*” organized by Department of Computer Science and Engineering at Shri Shankaracharya Technical Campus, Bhilai, India, during 13th – 14th February 2015.

➤ Attended 5 day Technical workshop on “*Internet of Things*” organized by department of Computer Science and Engineering, Sreyas Institute of Engineering and Technology, Nagole, Hyderabad, during 19th – 23rd September 2017.

➤ Attended one week short term training program “*Machine Learning Tools and Techniques*” organized by Department of Computer Science and Engineering, National Institute of Technology (NIT), Raipur, Chhattisgarh, during 10th – 14th November 2017.

➤ Attended one week Faculty Development Program “*Computer Vision & Image Processing (CVIP-2017)*” organized by Department of Electronics and Communication Engineering, CMR Technical Campus, Hyderabad, in association NIT Warangal, during 4th – 9th December 2017.

➤ Attended one week short term training program “*Computational Intelligence and Cloud Computing (CICC-2017)*” organized by Department of Information Technology, NIT Raipur, during 26th – 30th December 2017.

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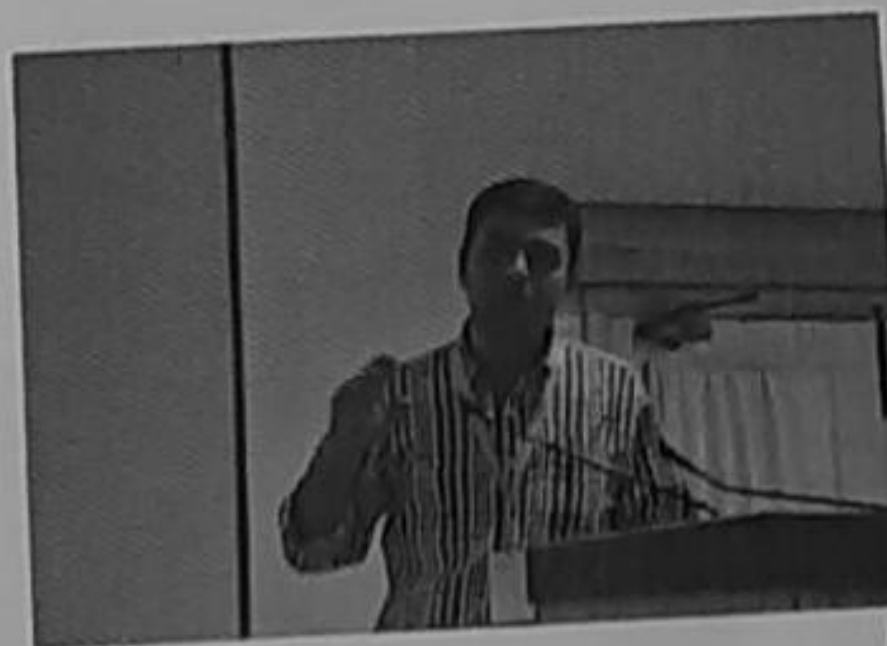
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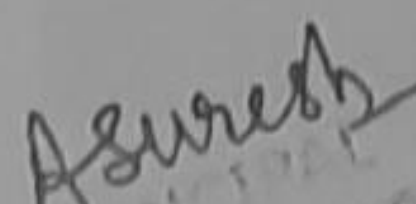
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