

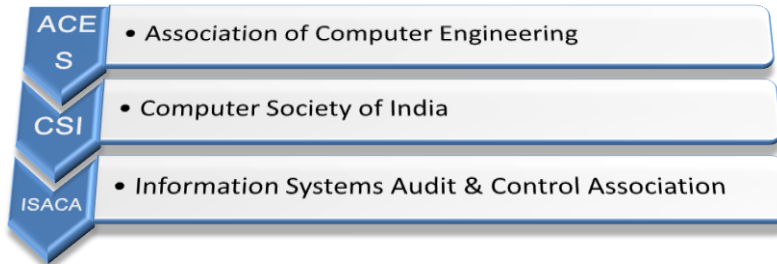


‘येथे बहुतांचे हित ।’
“WELFARE OF MASSES”

Zenith

The Department of Computer Engineering Annual Newsletter 2015

**“COMPUTER ENGINEERING IS ALL ABOUT WHAT
UBIQUITOUS COMPUTING IS ALL ABOUT”**



Prof. Harmeet Khanuja

- Excellent results and placements.
- Training programs from Zensar /IBM /Persistent
- Received Funding from BCUD, Savitribai Phule Pune University for research project
- Digital Library of over 2 TB rack space created using Hadoop for distributing various software, journals and e-books. Currently, more than 275 students are using it daily.
- A huge collection of departmental reference books, spanning over 328 titles and 578 volumes

Page 2, 3 Student
& Faculty
Achievements

Page 4 to 6
Workshops and
Events

Page 6 to 9-UG Paper
Publications

Page10 to 12-
Placements
& Results

The Department of Computer Engineering is well known for its ability to create the synergy needed to provide best opportunities for success. The curriculum in Computer Engineering provides balanced view of developing hardware and software for analysing and solving computer-oriented problems in major technical areas. The students are trained with the understanding of core domains of this field and thereby nurturing and enhancing their computer programming skills.

“Computing makes the impossible possible”

- Computer Graphics Lab
- Software Development Tools Lab
- System Programming Lab
- Digital Electronics Lab
- Wi-Fi Lab
- Multimedia Lab
- RDBMS Lab
- Programming Lab
- Microprocessor Lab
- Thin Client Lab
- Post Graduate Lab

STUDENT ACHIEVEMENTS

- Devendra Urad (BE Computer) and team participated in the National Robocon 2015 event on 5th, 6th and 7th of March 2015 and won the ‘Rookie best Debut’ award.
- Prashant Bhakare, Ronit Gawali, Sanket Dapkar of BE Computer I participated in Project Expo 2015 organized by MIT AOE, Alandi & BOS IT, SPU on 30th March 2015.
- Mohammed Shaikh, Piyush Puranik, Umesh Kumar Toke, Mohit Raimule, Chaitanya Patel, Kamalkar Kadam, Rushikesh Bargaje and Tanmay Ghawate of BE Computer participated in the Concepts 15 Project Competition at Impetus and Concepts 15, a National Level Technical Symposium held at PICT, Pune on 15th& 16th Feb 2015.
- NehaKadam (TE Comp) has participated and successfully completed a “Scuba Diving Camp” on 24th July 2015.
- Shubham Jangam, Chinmay Chiplunkar, Bharat Mazire, Pranav Karkar, Omkar Kulkarni and Rutwik Choughule participated in the “Persistent Digital Hackathon 2015”, a state level competition, and received a hands-on training experience from Persistent Systems regarding their Smart City innovation.
- Janabai Dalave, Bharat Mazire and Rutwik Choughule participated in the “Winter School for Programming” organized by Persistent Systems, and received hands-on training.
- Rahul Kulahalli received his fourth nomination for the “Best Blogger Award” for his blog “Audiophile Paradise”.
- Janabai Dalave, Bharat Mazire and Rutwik Choughule participated in the “Winter School for Programming” organized by Persistent Systems, and received hands-on training.
- Nitish Sapre acquired 4th place in Savitribai Phule Pune University intercollegiate table tennis 2015.

PHOTOS



Center of Innovation



B.E. Students conducting Hadoop Workshop



Neha Kadam in Scuba Diving Camp



Persistent Digital Hackathon 2015



Nitish Sapre playing Table Tennis



FACULTY ACHIEVEMENTS

- Prof. Geetha S. B. published a paper entitled “Evaluating the Research Trends and Techniques for Addressing Wormhole Attack in MANET” in International Journal of Computer Applications (IJCA), January 2015 Edition, ISBN : 973-93-80884-89-5.
- Prof. Swati Shekapure published a paper entitled “Low Cost and Multi-featured Surveillance suite for organizations” in IJIRAE (International Journal of Innovative Research in Advanced Engineering) ISSN 2349-2163, February 2015.
- Prof. Swati Shekapure published a paper entitled “Problem Solving Using Case Based Reasoning Methodology” in IJAICT, ISSN 2348-9928, March 2015.
- Prof. Jagruti Wagh published paper entitled “Document Analysis and Recognition Using Android Platform” in MJRET (Multidisciplinary Journal of Research Engineering and Technology), ISSN: 2348-6953, March 2015.
- Prof. R. V. Dagade got admission to Ph.D. (Computer Science and Engineering) at VTU, Karnataka with effect from May 2014.
- Prof. R. V. Dagade delivered a key note lecture on “Introduction and career in parallel processing” at SITS Narhe on 10 March, 2015
- Prof. R. V. Dagade designed first of its kind syllabus of “Computer Network Design & Modelling” for BE Computer Engineering, Savitribai Phule Pune University.
- As a part of communication with outside world, Prof. R. V. Dagade conducted Seminar Examination of M.Tech students at Bharati Vidyapeeth’s Deemed University College of Engineering in Jan 2015
- Mrs. Sankirti Shiravale received a funding from BCUD, SPPU for approximately INR 60,000, in order to work further upon her project, titled “Devnagari Script Detection and Language Translation from Bus Name Route Boards”. The duration of this funding will be valid from 2014 to 2016.



WORKSHOP ATTENDED BY FACULTY

- Prof. Sankirti Shirvale attended five days STTP on “Machine Learning and Computational intelligence”, organized by Sinhagad College of Engineering, Pune from 25th to 29th May 2015.
- Prof. Sonali Utsai attended three days FDP on “Smart Systems Programming”, 24th to 26th July 2015 at Sinhagad Institute of Technology and Science, Narhe, Pune.
- Prof. Swati N. Shekapure has attended two days FDP on B.E. computer engineering 2012 course subject “Software Design Methodologies and Testing”, organized by department of computer engineering at TSSM’s Bhivarabai Sawant College of Engg. And Reaserch, Pune, held on 11th and 12th December 2015 in association with Savitribai Phule Pune University, Pune.
- Prof. Pradnya S. Mehta attended two weeks FDP on “Business Analytics and Intelligence”, organized by department of computer engineering at MITCOE, Pune, held on 15th to 24th December 2015 in association with Savitribai Phule Pune University, Pune.
- Prof. Shrida Kalamkar attended 5 days FDP on “IoT:Real World Applications” 7-11 July 2015 at SKN College Of Engineering, Pune.
- Prof. Shrida Kalamkar attended 2 days FDP on “Computer Lab - I” 2-3 July 2015 at Rasoni College, Pune.

UPCOMING EVENTS

Sr. No.	Activity	Date
1.	CSI Inauguration	6 Jan 16
2.	ISACA Inauguration	9 Jan 16
3.	SPPU sponsored State Level Workshop on "Cyber Security-Challenges and Opportunities"	12-13 Feb 16
4.	ISACA - Cyber Week	14-19 Mar 16
5.	CSI Activity : BE Project Competition	25 Mar 16
6.	Centre Of Excellence for HPC	Coming Soon



EVENTS CONDUCTED

- Organized a national level workshop on "Recent Advances in Big Data & Hadoop Administration" on the 24th and 25th of January 2015 under the 'Quality Improvement' programme organized by SPPU. Dr. R.K Joshi (IIT Mumbai), Dr. Sandeep G. Deshmukh (Data Torrent, Pune), Prof. Ratnamala Paswant (PICT, Pune) and Ms. Shrida Girme (Inteliment Technologies, Pune) were invited for this activity.
- Organized a two day FDP on "Advanced Computer Programming" on the 28th and 29th of July 2015 in association with BOS, Computer Engineering, SPPU, Pune. Dr. B. Desai (Capgemini, Pune), Dr. Sandeep Deshmukh (Data Torrent, Pune) and Prof. Shrida Kalamkar (MMCOE, Pune) conducted this event.
- Organized a Short Term Training Program on "Fundamentals & Administration o Hadoop along with Core Java", which commenced on 15th June 2015 and concluded on 11th July 2015. The main aim of this Program was to help teachers get affiliated to the working principles of Hadoop, and also some fundamental concepts of Java.
- A two day workshop (31st July 2015 and 1st August 2015) on "System Boot Process" was conducted by Mr. Yogesh Babar, System Engineer, Red Hat Linux.
- Department of Computer Engineering has initiated the 2nd activity of AADHAR-the helping hands Club named "SHARE FOOD, SHARE EMOTIONS reduce a reason to cry". The objective of this activity is to donate food to the identified Blind School, as a celebration for the NEW YEAR 2016.
- A seminar was organized on "Migrating from Windows to Linux - Things to know" for faculties from all department on 29th December 2015 by Alumni of Computer Department.

PHOTOS



B.E. Students Conducting RAIBHA



Prof. Shrida conducting Hadoop FDP



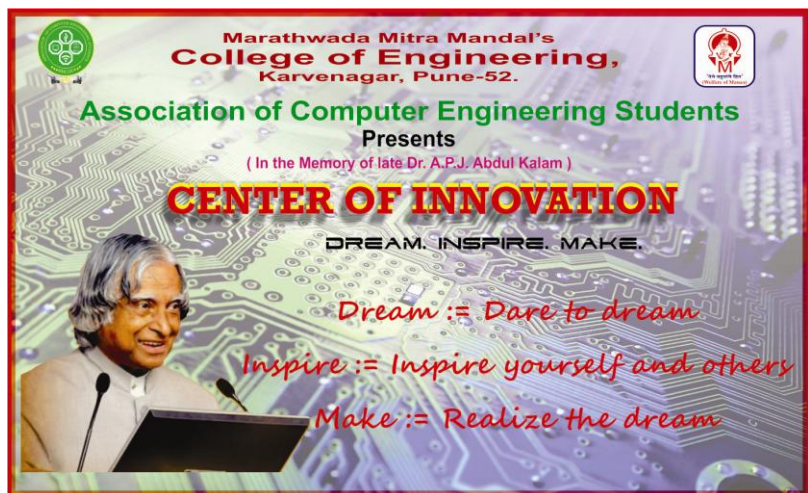
Mr. Yogesh Babar conducting " System Boot Process"



EXTENSION ACTIVITIES



Department has initiated "Aadhar Club" under Corporate Social Responsibility



Opportunity to initiate incubation centre through "Center of Innovation"

- Computer Department celebrating Teacher's Day organised by ACES.

"DREAM INSPIRE MAKE"

PHOTOS



Prof. Shriya Jadhav interacting with blind students



AADHAR-Providing a helping hand.



Dr. Suresh Naik, Ex-Director, ISRO at the Innovation Center



Felicitating Dr. Suresh Naik



Teacher's Day Celebration



U.G. PAPER PUBLICATIONS

- Mr. Rahul Sharma, Ms. Shital Barkul, Mr. Pankaj Sawane and Mr. Rahul Jeughale of BE Computer published a paper entitled “**Online Movie Review system**” in Multidisciplinary Journal of Research in Engineering & Technology, March 2015.
- Ms. Shraddha Thorat, Mr. Rahul Ekbote, Ms. Anushree Ghare and Ms. Anuja Deshpande of BE Computer published a paper entitled “**Analysis and Recommendation of Hotel Menu System**” in International Journal for Scientific research and Development, March 2015.
- Mr. Pranav Risbud, Mr. Nitish Kulkarni and Mr. Pranav Kelkar presented and published a paper on “**Aggregate Communication Platform for Project Management**” in International Journal for Scientific Research & Development (IJSRD), Volume 3, Issue 2, in April 2015.
- Ms. Aishwarya S Bote, Mr. Nitish Ghare, Mr. Pravinkumar Raurkar and Mr. Mandar Latkar presented and published a paper on “**Bluetooth Chat Application: Bluez**” in International Journal of Engineering and Computer Science (IJECS), Volume 4, Issue 3, in March 2015.
- Mr. Chaitanya Sathe, Mr. Kunal Pawgi and Mr. Rohan Pathak presented and published a paper on “**Fixed Asset Reconciliation using Android Application**” in International Journal for Scientific Research & Development (IJSRD), Volume 3, Issue 2, in April 2015.
- Prof. Rupali Dalvi, Mr. Vishwajit Pacharne, Ms. Noopura Gadkari, Ms. Mrunal Sathe and Ms. Priyanka Vechalekar presented and published a paper on “**Motion Detection & Video Surveillance System using IP Camera**” in International Journal of Advanced Information and Communication Technology (IJAICT), Volume 1, Issue 11, in March 2015.
- Ms. Nireeksha Shetty, Ms. Priyanka Vallakathi, Ms. Apurva Tupe and Ms. Anita Shirude presented and published a paper on “**Media Control and Hardware Control using Hand Gesture Recognition**” in International Journal of Advanced Information and Communication Technology (IJAICT), Volume 1, Issue 10, in February 2015.
- Mr. Saurabh Shinde, Mr. Neeraj Bansod, Mr. Akshay Pawar and Mr. Abhijeet Waghmare presented and published a paper on “**Forgery Image Detection**” in International Journal of Advanced Information and Communication Technology (IJAICT), Volume 1, Issue 11, in March 2015.
- Mr. Dheerajkumar Patil, Mr. Shubham Navarat, Mr. Chetan Doshi, Mr. Rohit Mat and Prof. Avanti Deshpande presented and published a paper on “**Design of an Control Unit for an Annunciator System**” in International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), Volume 3, Issue 3, in March 2015.
- Prof. Avanti Thakkar, Mr. Bhale Rao Prateek, Mr. Deshmant Rahul, Mr. Gadikar Akshay and Mr. Rajurkar Atharva presented and published a paper on “**Development of Fingerprint Biometric Attendance Management System Using Wireless Connectivity**” in International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), Volume 3, Issue 3, in March 2015.



U.G. PAPER PUBLICATIONS

(CONTD.)

- Ms. Priyanka Pawar, Mr. Ganesh Lavhare and Mr. Ajay Kasabe presented and published a paper on “**Document Analysis and Recognition Using Android Platform**” in Multidisciplinary Journal of Research in Engineering and Technology (MJRET), Volume 2, Issue 3, in 2015.
- Mr. Mayur Kale, Mr. Ritesh Ketkar, Mr. Omkar Gadgil and Ms. Neha Makode presented and published a paper on “**Low Cost and Multi-Featured Surveillance Suite for Organizations**” in International Journal of Innovative Research in Advanced Engineering (IJIRAE), Volume 2, Issue 02, in February 2015.
- Ms. Tejaswini Kagade, Ms. Nita Kokat and Ms. Sayali Ekhe presented and published a paper on “**Visual Secret Sharing Using Natural Images**” in Multidisciplinary Journal of Research in Engineering and Technology (MJRET), Volume 2, Issue 3, in 2015.
- Ms. Shraddha H. Thorat, Mr. Rahul Ekbote, Ms. Anushree Ghare and Ms. Anuja Deshpande presented and published a paper on “**Intelligent Vehicular Tracking System for Smooth Public Transport**” in International Journal for Scientific Research & Development (IJSRD), Volume 3, Issue 1, in 2015.
- Mr. Sachin Wankhede, Ms. Rohini Kadam, Mr. Aditya Mahakulkar and Ms. Poonam Kauthale published a paper on “**An Intelligent Traffic Light Controlling System**” in International Journal on Recent and Innovation Trends in Computing and Communication, Volume 3, Issue 3, in March 2015.
- Ms. Pooja Runwal, Ms. Sanika Deshpande, Ms. Pratiksha Choure and Ms. Sayali Gugale presented a paper on “**Intelligent Cloud Home Energy Management System**” in 4th International conference on Computer Science and Information Technology (ICCIT 2015), 22nd March 2015.
- Prof. R.V. Dagade, Ms. Prachi Bhosale, Ms. Komal Badhe and Ms. Snehal Garbhe presented a paper on “**Online Coach**” in the 4th International Conference on Computer Science and Information Technology (ICCIT 2015) held in Coimbatore on 22nd March 2015.
- Ms. Anushree Rajesh Nene, Ms. Shubrha Joshi, Ms. Sameera Kawatkar and Ms. Aishwarya Khandalkar presented and published a paper on “**Responsive Web Design**” in International Journal of Engineering and Computer Science (IJECS), Volume 4, Issue 3, in March 2015.
- Ms. Sonali Thonge, Ms. Vrushali Veer, Ms. Shobha Nale and Ms. Nayan Chondhe presented and published a paper on “**Android Based Meter Reading Using OCR**” in Multidisciplinary Journal of Research in Engineering and Technology (MJRET), Volume 2, Issue 4, in 2015.
- Mr. Akshay Baheti, Mr. Abhilash Gonpalliwar, Mr. Ajay Date and Mr. Yuvraj Deokar presented and published a paper on “**Secured Online Matrimonial System**” in Multidisciplinary Journal of Research in Engineering and Technology (MJRET), Volume 2, Issue 3, in 2015.



U.G. PAPER PUBLICATIONS

(CONTD.)

- Ms. Kalyani Bhagwat, Ms. Priyanka Salunkhe and Ms. Shamal Bangar presented and published a paper on “**Employee Monitoring System Using Android Smart Phone**” in the International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), Volume 3, Issue 2, in February 2015.
- Mr. Anup Tisgaonkar, Ms. Sai Haware presented and published a paper on “**Android Based on Campus Location Tracking with Bluetooth**” in International Journal for Scientific Research & Development (IJSRD), Volume 3, Issue 1, in March 2015.
- Ms. Falguni Patil, Ms. Utkarsha Bhandari and Ms. Madhuri Kasar presented and published a paper on “**QR Code Approach for Examination Process**” in International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), Volume 3, Issue 2, in February 2015.
- Ms. Akshaya Tonde, Ms. Apoorva Behere and Kalashree Borgaonkar presented and published a paper on “**Intelligent Vehicular Tracking System for Smooth Public Transport**” in International Journal for Scientific Research & Development (IJSRD), Volume 2, Issue 12, in February 2015.
- Mr. Sushant Kamble, Mr. Amit Malshikare, Ms. Poonam Gargund and Ms. Chaitrali Bhagwat presented and published a paper on “**Securing Internet Banking From Phishing Attack**” in Multidisciplinary Journal of Research in Engineering and Technology (MJRET), Volume 2, Issue 3, in 2015.
- Ms. Sankat Tadas, Mr. Abhishek Kuwad, Mr. Pankaj Thorat, Mr. Ajay Gunjal and Mr. Abhishek Kamble presented and published a paper on “**A Secure NFC Application for Credit Transfer Using Mobile Phones**” in Multidisciplinary Journal of Research in Engineering and Technology (MJRET), Volume 2, Issue 4, in 2015.
- Prof. R.V. Dagade, Mr. Sayyad Shaha Hassan, Mr. Pratik Devhare, Mr. Srujan Khilari and Mr. Swapnil Sarda presented and published a paper on “**Timetable Scheduling Using Genetic Algorithm**” in Multidisciplinary Journal of Research in Engineering and Technology (MJRET), Volume 2, Issue 4, in 2015.
- Ms. Uma Karambelkar, Ms. Vaishnavee V. Kulkarni and Ms. Ankita V. Gandhi presented a paper on “**Automated Cheque Processing of Indian Bank Cheques**” in 4th International Conference on Computer Science and Information Technology (ICCIT 2015) held in Goa on 1st March 2015.
- Mr. Aniket Patel, Mr. Pratik Abhyankar, Mr. Sachin Jadhav, Ms. Ankita Kale and Ms. Swarupa Doiphode presented a paper on “**Event Notification Application for Android Phones Using Data Analytics and Geo-Tagging**” in 3rd National Conference for paper presentation and project competition in NCPPI 2015.
- Prof. Harmeet Khanuja, Mr. Tanmay Ghawate, Mr. Chaitanya Patel, Mr. Rushikesh Bargaje and Mr. Kamalakar Kadam presented and published a paper on “**Security Suite**” in International Journal of Engineering and Computer Science (IJECS), Volume 4, Issue 3, in March 2015.



PLACEMENT RECORDS

Sr.No	Name	Branch	Organization
1	Aishwarya Bote	Comp	Tech Mahindra
2	Akshay Gadikar	Comp	Zensar
3	Akshaya Tonde	Comp	Tech Mahindra
4	Aniket Patel	Comp	Persistent
5	Anita Shirude	Comp	Volkswagen
6	Anita Shirude	Comp	Tech Mahindra
7	Ankita Kale	Comp	Persistent
8	Anushree Nene	Comp	Capgemini
9	Apoorva Behere	Comp	Persistent
10	Apurva Tupe	Comp	Tech Mahindra
11	Chaitanya Patel	Comp	Zensar
12	Chaitanya Patel	Comp	Opulent Infotech
13	Chaitanya Sathe	Comp	Tech Mahindra
14	Chetan Dilip Patil	Comp	MAQ
15	Chetan Dilip Patil	Comp	L&T Infotech
16	Chetan Doshi	Comp	Exusia
17	Dheerajkumar Patil	Comp	Amuratech
18	Kalashree Borgaonkar	Comp	Tech Mahindra
19	Kunal Pawgi	Comp	Tech Mahindra
20	Mohd. Ali Shaikh	Comp	Zensar
21	Neha Makode	Comp	Fiserv
22	Nitish Sunil Kulkarni	Comp	L&T Infotech
23	Pranav Kelkar	Comp	Persistent
24	Pranav Risbud	Comp	Tech Mahindra
25	Pratik Abhyankar	Comp	Persistent
26	Pratiksha Choure	Comp	Exusia
27	Priyanka Vallakathi	Comp	Persistent
28	Priyanka Vallakathi	Comp	Emtech
29	Priyanka Vechlekar	Comp	Virtusa
30	Rahul Deshmane	Comp	Syntel
31	Rahul Sharma	Comp	Aurinpro Sena
32	Ritesh Ketkar	Comp	Tech Mahindra
33	Rohan Pathak	Comp	Persistent
34	Rohit Mat	Comp	Capgemini
35	Rushikesh Bargaje	Comp	NTT Data
36	Sachin Jadhav	Comp	Persistent
37	Sameera Kavatkar	Comp	Syntel
38	Sanika Avadhoot Deshpande	Comp	L&T Infotech
39	Saurabh Shinde	Comp	Bitwise
40	Sayali Ekhe	Comp	Saba Tech
41	Sayali Gugale	Comp	Persistent
42	Shaha Hasan	Comp	Quick Heal
43	Tanmay Ghawate	Comp	Amuratech
44	Uma Karambelkar	Comp	Tech Mahindra
45	Uma Karambelkar	Comp	GS LAB
46	Vaishnavee Kulkarni	Comp	Persistent
47	Vaishnavee Kulkarni	Comp	GS LAB
48	Vedvati Kulkarni	Comp	Capgemini



RANKERS

FE (2014-15) University Result:

Sr. No.	Name	Branch	Rank	%
1.	Sailahari Mulleti	Comp	I	80.93
2.	Anuja Bendre	Comp	III	78.64
3.	Mohini Bargaje	Comp	IV	78.36
4.	Nikhil Phadke	Comp	IV	78.36
5.	Shruti Kulkarni	Comp	VI	77.86
6.	Shubham Channal	Comp	VII	77.00
7.	Akash Nalawade	Comp	X	75.93

MOU ACTIVITIES

Sr. No.	Industry	MOU Details/Activities
1.	Zensar Technologies	Conduction of various technologies for TE/BE students
2.	Persistent Systems Limited	Persistent has recognized MMCOE as "Center of excellence". It has organized Two specialized lectures for few students till now based upon Machine learning tools in Persistent itself. Placement, Sponsored Projects are on-going activities
3.	NITS GLOBAL	Arranged Career Counseling Session for TE Students, Guest Lecture, Industrial Visit, Also planned short term courses in Vacation (CCNA, CCNP) etc.



STUDENT CHAPTERS

Sr. No.	Student Chapters	Year(Estd.)
1.	ACES (Association of Computer Engineering Students)	2014
2.	CSI (Computer Society of India)	2015
3.	ISACA (Information System Audit and Control Association)	2015

DEPARTMENT OF COMPUTER ENGINEERING STAFF



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