

CS/IT

**NATIONAL E-CONFERENCE ON"
HOW IOT HAS CHANGED THE
WORLD"**



Jagde Singh Charitable Trust's (Regd.)
THAKUR SHYAMNARAYAN DEGREE COLLEGE
 Professional Degree Course
 Approved by Govt. of Maharashtra, Affiliated to University of Mumbai
 (Institute Code No. 1011) +
 (ISO 9001 : 2015 Certified Institute)



SUMAN EDUCATION SOCIETY'S
LN COLLEGE
 (Affiliated to the University of Mumbai)

H. D. Gaonkar Vidyapeeth, Suman Education Society Campus, Plot No. 89, Near General Kariappa Bridge,
 Rajendra Nagar, Borivali (East), Mumbai - 400 066, Maharashtra (India)

TSDC NCON-2021(CS & IT)

IOAC & Department of C.S & I.T NATIONAL E-Conference ON How IOT has Changed the World ?

Reg. for Participation
 last date: 10th Nov 2021

<https://forms.gle/1G5XVgltorsnyp127>

Reg. for paper submission & presentation
 last date: 10th Nov 2021

<https://forms.gle/ppWBKwL5PatpKHn8>

Paper Publication charges
 Payment details
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Rs. 6000/-
 TSDC's Thakur Shyam Narayan Degree College
 Bank Name: SBI
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 IFS Code: SBIN0000000
 Branch: Thakur Charitable Trust, Rajendra Nagar, Borivali (East), Mumbai

Call for Paper: Oral Presentation

Research Paper/Article should start with running title in bold with font size 14, followed by authors name with affiliation and email of the corresponding author.

Text should be in TIMES NEW ROMAN with font size 12 in normal and references should be in alphabetical order.

Important Dates:

Registration and paper submission last date: 10th Nov, 2021

Video Presentation submission: 20th Nov, 2021

Conference Date: 26th Nov, 2021

E-Certificate will be provided to all register participants.

All Accepted papers will be published in UGC approved peer reviewed international Journal with ISSN number & 6+ Impact factor

Organizing Committee



Chief Patron
 Shri. V.K. Singh
 Chairman,
 Thakur Educational Trust
 Mumbai



Patron
 Shri. Rajesh Singh
 CEO TSDC's
 Thakur Shyam Narayan Degree College
 Mumbai



Principal
 Dr. Sharad Phulani
 TSDC's Thakur Shyam Narayan Degree College
 Mumbai

Chief Guest



Hon'ble Mr. Yash Singh
 Founder & MD of Greycast Founders
 Director of Anar Founders Pvt Ltd.

Keynote Speaker



Hon'ble Mrs. Anurita Deshmukh
 Asst. Prof. K. C. College of Engineering & Research
 Thane
 University of Mumbai

Sub Themes

- IOT Block Chain and Encryption
- IOT Healthcare and Telemedicine
- IOT Analytics and Prediction
- IOT Cyber Security and Cloud
- IOT E- Waste Management and Route Optimization
- IOT Smart Farming and Automation
- IOT Gaming and Robotics
- IOT Smart Schools and Li-Fi Technology
- IOT Intelligent Management System and Smart Vehicles
- IOT and Smart Homes and Devices

CONVENER

Ms. Aishwarya Sedamkar
 Co-ordinator

CONVENER

Mrs. Jagruti Jadhav
 Co-ordinator

Members

Mrs. Rita Pal
 Mrs. Pratiksha Prajapati
 Ms. Anam Khan
 Mr. Kishan Singh
 Ms. Melita Fernandes
 Mrs. Anuja Galkwad



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IQAC & Computer Science and Information Technology department of ZSCT's Thakur Shyamnarayan & LN College had organized a National E-conference on "How IOT has Changed the World? "

PARTICIPANTS FROM:

Students, Research Scholars and Faculties from our colleges and other colleges form all over India attended this conference

OBJECTIVE OF THE CONFERENCE :

- IOT enabled devices can provide better healthcare and safety
- To understand the Recent Trends of IOT in different Sector.
- To help the audience to understand Research Work of Different themes of Internet of Things.

FACULTIES INVOLVED:

Mrs. Jagruti Jadhav (Co-ordinator)
 Mrs. Rita Pal (Asst. Prof.)
 Mrs. Anuja Gaikwad (Asst. Prof.)
 Ms. Dhanashree Adam (Asst. Prof.)
 Ms. Alifiya Shaikh(Asst. Prof.)

Ms. Aishwarya Sedamkar(Co-ordinator)
 Mrs. Pratiksha Prajapati (Asst. Prof.)
 Ms. Anam Khan (Asst. Prof.)
 Ms. Melita Fernandes (Asst. Prof.)
 Mr. Kishan Singh (Asst. Prof.)

Total Participant	35
Total Paper presentation	49
Theme of International Webinar	How IOT has Changed the World?
Chief Guest and Key Resource Personality	Hon'ble Mr. Yash Singh Founder & MD of Greycast Founders Director of Amar Founders Pvt Ltd. Hon'ble Mrs. Asmita Deshmukh Asst. Prof K. C. College of Engineering & Management & Research Thane University of Mumbai
Dignitaries	Dr. Sharad Phulari, Principal, ZSCT's Thakur Shyamnarayan Degree College, Kandivali East, Mumbai
Presentation	Oral Presentation
List of Research Paper	50



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Following is the feedback by the participants:

Sr. No.	Questions	Response from participants (average)
1	How satisfied are you with the session?	Excellent
2	How informative did you find the session?	Excellent
3	How clear were the ideas and concepts we presented?	Excellent
4	Were there any technical issues that prevented you from seeing or hearing the session?	NO

OUTCOME:

Understand the following points

- Home automation or smart home systems allows the owners to control their appliances, house temperature, lighting remotely through smartphones or laptops, which gets connected to a user interface. Home security and alarm systems are used in many houses to monitor young children or in general for safety reasons.
- The setting has been cleared, decrease the pollution thanks to internment scenario per internment part. Positive and negative impacts of COVID -19 on environment
- Climate change and lack of farmworkers are the two factors affecting the farming industry today. IoTs can analyze the best time to irrigate the crops, check temperature soil humidity, water level by collecting the data through sensors. The lack of farmworkers gets balanced through farm machines and internet-enabled gadgets. Smart farming has changed the agricultural management system by optimizing labour needs and observing weather patterns like high wind, heavy rain or extreme frost. IoT for agriculture and animal farming is getting adopted in many western countries as part of high-tech farming.
- Smart cars can be a big boon for an easy commute. Connected cars with "talk to each other" low of technology where cars and drivers work together for creating an easy flow of traffic. Companies like Tesla, Volvo and Mercedes are trying to make smart cars a reality for the ordinary consumer. Such technology can avoid traffic jams, parking space management and make the commute in general much more comfortable. Driverless cars such as Connected Autonomous Vehicles (CAVs) and Autonomous Electric Vehicles (AEVs) can significantly help in management smooth traffic by reducing human-errors. These vehicles are a significant advantage to the elderly and disabled persons, and it can also cut the carbon emissions as it is powered electrically.
- IoT enabled devices can provide better healthcare and safety for patient care. Physicians can monitor the patient's vitals remotely and provide superlative care. IoT also has devices collecting data on patient's blood pressure variation, exercise check, diabetes, calorie count and so on. Its transformation is visible in healthcare applications, hospital management, and even insurance companies.
- E-Commerce is the shopping magnet of the twenty-first century. From safety-pins to furniture sets, you get everything you need. But IoT enabled retail has a lot of other benefits,



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like better tracking and logistics, better customer service and maintenance, and the much-known personalized data delivery

CONCLUSION:

The one-day conference gave a lot of information on the technical aspects of IOT during pandemic to the audience.

Satish

Approved by

Satish Naringrekar
I/c Principal

Dr. Sharad Phulari
Approved By

Dr. Sharad Phulari
Principal



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 (BEO 9001/2018 (Santhosh Institute))



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Mumbai, Maharashtra, India
 thakur polytechnic, 90 feet road, opposite Karnataka Bank, Kandivali,
 Thakur Complex, Kandivali East, Mumbai, Maharashtra 400101, India
 Lat 19.213805°
 Long 72.864869°
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