EQUINOX - 6th International Conference on Engineering Research & Innovations

Organized By

Terna Engineering College , Nerul , Navi Mumbai

Date – 17th -18th - June - 2021

Schedule At Glance

Date :- 17th – June -2021

Conference Mode :- ONLINE

Time (IST)	Programme	Link
10:00 – 10:30 am	*Inauguration*	*https://meet.google.com/yac-feds-akf*
10:30 -11:30 am	*Plenary Talk by* **Mr. Renjith C V**	*https://meet.google.com/yac-feds-akf*
11:35 -12:35 pm	*Keynote Talk by* **Mr.Madhukar Varshney**	*https://meet.google.com/yac-feds-akf*
12:35-2:00 pm	**Break**	
2:05 – 5:00 pm	*Concurrent Sessions /Track-1*	*https://meet.google.com/vez-pjfb-awn*
	Concurrent Sessions /Track -2	*http://meet.google.com/ohu-omve-ndy*
	Concurrent Sessions/Track -3	*https://meet.google.com/hkj-tskg-ihb*
	Concurrent Sessions /Track -4	*https://meet.google.com/evm-vgfi-bfu*

EQUINOX - 6th International Conference on Engineering Research & Innovations

Date – 18th - June - 2021

Schedule At Glance

Time (IST)	Programme	Link
10:00 – 1:30 pm	Concurrent Sessions /Track-1	*https://meet.google.com/vez-pjfb-awn*
	Concurrent Sessions /Track -2	*http://meet.google.com/ohu-omve-ndy*
	Concurrent Sessions/Track -3	*https://meet.google.com/hkj-tskg-ihb*
	Concurrent Sessions /Track -4	*https://meet.google.com/evm-vgfi-bfu*
1:30 – 2:00 pm	**Break**	
2:00 – 2:20 pm	Valedictory session – Vote of Thanks ,Feedback, Best Paper Award	*https://meet.google.com/grb-mwhd-ktw*

EQUINOX - 6th International Conference on Engineering Research & Innovations

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TRACK -1

Track Co-ordinator :- Prof Prachi Kamble

Session Chair :- Dr. Jyothi Digge / Dr. Balaji G. Hogade

Time	Paper -id	Paper Title	Link
2:05-2:20	17	A survey of Two Factor Authentication Methods : Advantages & Disadvantages	https://meet.google.com/vez-pjfb-awn
2:20-2:35	18	An Overview of Jamming Attacks and Countermeasures in WSN	https://meet.google.com/vez-pjfb-awn
2:35 -2:50	25	Solar PV Simulation and Designing	https://meet.google.com/vez-pjfb-awn
2:50 – 3:05	38	Problems & Malpractices during Online Exams with possible solutions	https://meet.google.com/vez-pjfb-awn
3:05- 3:20	Break		
3:20-3:35	40	Automatic Paper Crawling Pocket-Sized Chargeable Printer with wireless Connectivity	https://meet.google.com/vez-pjfb-awn
3:35 -3:50	43	Design of a Pressure Display Interface System of MEMS Type Piezoresistive Pressure Sensors	https://meet.google.com/vez-pjfb-awn
3:50- 4:05	52	Lane Assist and over speed Detection of vehicle to avoid road accidents	https://meet.google.com/vez-pjfb-awn

EQUINOX - 6th International Conference on Engineering Research & Innovations

Date – 17ᵗʰ -June – 2021

TRACK -2

Track Co-ordinator :- Prof Abhijit Ranveer

Session Chair :- Dr. C. M. Choudhari / Prof. Vikram Vyawahare

Time	*Paper -id*	*Paper Title*	*Link*
2:05-2:20	25	Solar PV Simulation and Designing	http://meet.google.com/ohu-omve-ndy
2:20-2:35	26	Autonomous Piloted Tethered Submersible Vehicle Used for Marine Intervention Incorporated with Instantaneous Retrieval System	http://meet.google.com/ohu-omve-ndy
2:35 -2:50	36	Design, Analysis and Prototype of Hoverbike	http://meet.google.com/ohu-omve-ndy
2:50 – 3:05	Break		
3:05- 3:20	39	MODIFIED LID FOR PRESSURE COOKER	http://meet.google.com/ohu-omve-ndy
3:20-3:35	41	Development of Dynamic Response Prosthetic leg	http://meet.google.com/ohu-omve-ndy

EQUINOX - 6th International Conference on Engineering Research & Innovations

Date – 17th -June - 2021

TRACK -3

Track Co-ordinator :- Dr. Siddharth Hariharan /Prof Randeep

Session Chair :- Dr. Archana Mire / Dr. Vaishali D. Khairnar

Time	Paper -id	Paper Title	Link
2:05-2:20	6	Weather, Pollution Prediction and Ozone Level Detection Using ML	https://meet.google.com/hkj-tskg-ihb
2:20-2:35	51	Company To Candidate Mapper	https://meet.google.com/hkj-tskg-ihb
2:35 -2:50	64	Predicting the Impact of Air Pollutants on Rice and Wheat using Machine Learning	https://meet.google.com/hkj-tskg-ihb
2:50 – 3:05	23	Mathematical Term and Word Recognizer	https://meet.google.com/hkj-tskg-ihb
3:05- 3:20	69	Krishi Setu - Bridging the Value Gap	https://meet.google.com/hkj-tskg-ihb
3:20-3:35	Break		
3:35 -3:50	10	Speech Emotion Recognition System Using MLP.	https://meet.google.com/hkj-tskg-ihb
3:50- 4:05	15	CNN MODEL USING SEQUENTIAL API FOR FACE MASK DETECTION in The Era of COVID-19 Pandemic	https://meet.google.com/hkj-tskg-ihb
4:05-4:20	21	AUTOMATED MULTI-MODEL FAKE NEWS CLASSIFIER.	https://meet.google.com/hkj-tskg-ihb
4:20-4:35	58	A Deep Learning Approach to Classify Plant and Detect Disease.	https://meet.google.com/hkj-tskg-ihb
4:35 – 4:50	81	Impact of Artificial Intelligence on Stock Market Game	https://meet.google.com/hkj-tskg-ihb

EQUINOX - 6th International Conference on Engineering Research & Innovations

Date – 17th -June – 2021

Track -4

Track Co-ordinator :- Prof Abhijit Keskar

Session Chair :- Dr. Priyanka Salunke / Maghrabi Jamaluddin Shahali

Time	Paper -id	Paper Title	Link
2:05-2:20	27	Relationship Between, Dynamic & Static Young's Modulus, Poisson's Ratio and other Engineering Properties with Tri-axial on Granite and Basalt.	https://meet.google.com/evm-vgfi-bfu
2:20-2:35	56	Increasing ground water level by surface runoff	https://meet.google.com/evm-vgfi-bfu
2:35 -2:50	61	EXPERIMENTAL INVESTIGATION OF GEOPOLYMER BRICK FOR STRENGTH, DURABILITY AND MICROSTRUCTRAL ANALYSIS	https://meet.google.com/evm-vgfi-bfu
2:50 – 3:05	Break		
3:05- 3:20	70	Analytical Study of Iron based Shape Memory Alloy in Civil Structures.	https://meet.google.com/evm-vgfi-bfu
3:20-3:35	76	COMPARATIVE STUDY OF ELEVATED SERVICE RESERVOIRS WITH FRAME AND SHAFT STAGING SYSTEMS	https://meet.google.com/evm-vgfi-bfu
3:35 -3:50	77	Analysis and Design of Pipe Rack Structures	https://meet.google.com/evm-vgfi-bfu

EQUINOX - 6th International Conference on Engineering Research & Innovations

Date – 18th -June - 2021

TRACK -1

Track Co-ordinator :- Prof Virendra Koli

Session Chair :- Dr. Jyothi Digge / Dr. Balaji G. Hogade

Time	Paper -id	Paper Title	Link
10:00-10:15	62	Android application and Django based web application to combat COVID-19 in India	https://meet.google.com/vez-pjfb-awn
10:15-10:30	67	Attendance Management System using RPA	https://meet.google.com/vez-pjfb-awn
10:30-10:45	71	Auto Face identification and attendance system	https://meet.google.com/vez-pjfb-awn
10:45-11:00	73	A REVIEW ON POLARIZATION RECONFIGURABLE MONOPOLE ANTENNA	https://meet.google.com/vez-pjfb-awn
11:00 – 11:15	74	Point of Sale Device for Ticketing using LPC1768	https://meet.google.com/vez-pjfb-awn
11:15 – 11:30		**Break**	
11:30-11:45	78	GSM BASED MONITORING SYSTEM OF UPS BATTERY	https://meet.google.com/vez-pjfb-awn
11:45- 12:00	66	Novel approach for Blood Vessel Segmentation, Optic Disc Segmentation and Microaneurysm detection for automatic diabetic retinopathy detection	https://meet.google.com/vez-pjfb-awn
12:00 – 12:15	68	Ad-Blocking with AdGuard	https://meet.google.com/vez-pjfb-awn

EQUINOX - 6th International Conference on Engineering Research & Innovations

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TRACK -2

Track Co-ordinator :- Prof Abhijit Ranveer

Session Chair :- Dr. C. M. Choudhari / Prof. Vikram Vyawahare

Time	Paper -id	Paper Title	Link
10:00-10:15	45	Developing a Novel Approach for Crack detection in Metal Sheet through frequency analysis	http://meet.google.com/ohu-omve-ndy
10:15-10:30	54	STUDY AND ANALYSIS OF AIR FLOW THROUGH DUCT	http://meet.google.com/ohu-omve-ndy
10:30-10:45	57	Design And Development of Mini Combine Harvester with Baler	http://meet.google.com/ohu-omve-ndy
10:45-11:00	**Break**		
11:00 – 11:15	65	Condition Monitoring and Diagnosis of an IC Engine Using Vibration Recognition	http://meet.google.com/ohu-omve-ndy
11:15 – 11:30	72	3D Space Mapping Using Ultrasonic Sensor	http://meet.google.com/ohu-omve-ndy

EQUINOX - 6th International Conference on Engineering Research & Innovations

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TRACK -3

Track Co-ordinator :- Dr. Siddharth Hariharan / Prof Randeep

Session Chair :- Dr. Vaishali D. Khairnar / Dr. Archana Mire

Time	Paper -id	Paper Title	Link
10:00-10:15	13	Hostel Management System and Aggregation	https://meet.google.com/hkj-tskg-ihb
10:15-10:30	34	CSICP (Customer Seller Interaction and Commerce Portal)	https://meet.google.com/hkj-tskg-ihb
10:30-10:45	38	Problems & Malpractices during Online Exams with possible solutions	https://meet.google.com/hkj-tskg-ihb
10:45-11:00	28	DRIVER DROWSINESS DETECTION USING FACIAL FEATURE RECOGNITION.	https://meet.google.com/hkj-tskg-ihb
11:00 – 11:15	60	Facial Recognition Based Emotion Analysis.	https://meet.google.com/hkj-tskg-ihb
11:15 – 11:30	Break		
11:30-11:45	63	Real Time Face Mask Detection and Social Distance Monitoring.	https://meet.google.com/hkj-tskg-ihb
11:45- 12:00	3	Smart Voting System using Retinal Image Detection.	https://meet.google.com/hkj-tskg-ihb
12:00 – 12:15	32	Realtime Object Detection Using Ssd.	https://meet.google.com/hkj-tskg-ihb
12:15- 12:30	55	SMART MIRROR 2.0:A touch-free reflective interaction that unveil user customizable intelligence.	https://meet.google.com/hkj-tskg-ihb
12:30 – 12:45	87	Fashionista: A Clothing Application with Collaborative Filtering Based Recommendation System.	https://meet.google.com/hkj-tskg-ihb
12:45 – 1:00	90	Multiclass Apparel Identification using HOG Feature Extractor and SVM .	https://meet.google.com/hkj-tskg-ihb

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Session Chair :- Dr. Priyanka Salunke / Maghrabi Jamaluddin Shahali

Time	Paper -id	Paper Title	Link
10:00-10:15	79	Use of waste tyre in flexible road pavement	https://meet.google.com/evm-vgfi-bfu
10:15-10:30	83	Design and Analysis of G+3 Residential Building using E-TABS	https://meet.google.com/evm-vgfi-bfu
10:30-10:45	84	Low cost concrete	https://meet.google.com/evm-vgfi-bfu
10:45-11:00	**Break**		
11:00 – 11:15	85	NUMERICAL ANALYSIS OF GEOSYNTHETIC ENCASED FLY ASH COLUMN IN EXPANSIVE SOIL	https://meet.google.com/evm-vgfi-bfu
11:15 – 11:30	86	Smart City	https://meet.google.com/evm-vgfi-bfu
11:30 – 11:45	89	Analysis of existing water distribution system and optimization using Watergems software.	https://meet.google.com/evm-vgfi-bfu