

Sinhgad Technical Education Society's

RASIKLAL M. DHARIWAL SINHGAD TECHNICAL INSTITUTES CAMPUS

Department of Computer Engineering

Event Name: International Conference on Innovative Practices in Engineering Technology and Business Management

Date: 25/03/2021 to 26/03/2021

Academic Year: 2020-21



Sinhgad Institutes

RMD Sinhgad Technical Institutes Campus
International Conference on Innovative Practices in Engineering
Technology and Business Management
(RMDSTIC-2021)

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Conference Theme

Sustainability, Challenges and Smart Practices in Engineering, Technology & Management

Conference Date: 25th & 26th March 2021

-: VENUE :-

Sinhgad Technical Education Society's

RMD Sinhgad Technical Institutes Campus

Warje Campus, Off Mumbai Bengaluru Highway, S.No. 111/1, Warje, Pune – 411058, Maharashtra, India.

www.globalresearchconference.com

The Sinhgad Group of Educational Institutes, spread over Maharashtra has presence to reckon with. The group is bench marked in every aspect. It struck its foundation in 1993 to transform the dream of its visionary architect Founder President Prof. M.N. Navale into a palpable reality. The entire Sinhgad Group has convincingly evolved into the most sought after education destination. Majority of the institutes are duly accredited by NAAC, approved by AICTE DTE and affiliated to Savitribai Phule Pune University, Solapur University & Mumbai University.

Sinhgad Technical Education Society (STES), RMDSTIC has set itself a vision "We are committed to produce not only good engineers but good human beings also". The Motivating environment in RMDSTIC for knowledge assimilation, generation and dissemination with a sense of social responsibility, human values and concern for social commitment has carved a niche for itself among the best technical institutes.

Global Research Conference Forum is an educational based wide spectrum that seeks to provide Scholars / Researchers / Academician / Scientists from across the Globe who are involved in collaboration with the international research community with the current development of expertise in theory and practise in all the area's of research.

Please join the world's foremost gathering of research scientists, educators and policymakers, to be held in Pune, on 25th & 26th March 2021. Conference Topics:

- RMDSTIC International Conference on General Science, IT, Civil, Computer Science, Electronics & Tele Communication, Mechanical Engg., 1. Emerging Engineering Mech. & Technologies 2021
- RMDSTIC International Conference on Management, Business, Economics and Sustainability 2021 Finally, on behalf of the Organizing Committee, we would like to invite all the Scientific Community to participate in the International Conference

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Dean, Academics

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Submit abstract/Full Paper via email: globalresearchconference@gmail.com, rmdstic.conference@sinhgad.edu

IMPORTANT ANNOUNCEMENT

Due to current concerns on COVID-19 Pandemic Situation, the Committee has decided to withdraw the face to face presentation session for presenter category.

1. VIRTUAL PRESENTATION

meet 60.com/Google meet: For real-time interaction between presenter and audience

ONLINE VIDEO PRESENTATION (NEW!!!)

Now you can present your paper from the comfort of your home. It saves time, money and more importantly, we stay safe. It's the New Normal!

Call for Paper

All full paper submissions will be peer reviewed and evaluated based on originality, Plagiarism check and/or research content/depth, correctness, relevance to conference, contributions, and readability. Topics of interest for submission include, but are not limited to:

Abstract Requirements:

- Abstracts must be written in English.
- Research design/methodology
- The abstract text must be written in one continuous paragraph not longer than 150 words. Numbered list, bullet points or tables are strictly prohibited.
- Any conclusion/interpretations/discussions that could be drawn out from the result of the study



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The body of the abstract must contain the following information:

- Objective/purpose/rationale of the study
- Research design/methodology
- Overview of findings/trends (expected or preliminary results if the research is still in progress)
- To maintain impartiality and avoid any basis, authors are encouraged to not use any honorifics or rank such as Dr and Professor when referring to themselves in the document.

Presentation Requirements:

- All presentations must be done in English.
- Oral Presentations: Each presenter shall be given 10 minutes for presentation. An additional 5 minutes will be added for Q&A which will be moderated by the session chair

For the benefit of the audience the presentation should at least cover the following area:

- The objective/purpose/rationale of the study
 Research design and methodology
- Background/overview of the topic
- Overview of findings and results
- Theoretical framework
- Conclusion/Discussion

Full Paper:

- Full papers must be uploaded in MS Word format.
- Papers must not be more than 10 pages long. This is inclusive of all text, tables, figures and any Appendices. A separate invoice will be issued to the author if this limit has been exceeded.
- The author will be notified via email if his/her paper has been accepted. Acceptance notifications will normally come with suggestions and remarks from the paper's reviewer.
- Presenters may opt to NOT publish their papers in the conference proceedings. If this is the case, please inform the conference secretariat of your intentions as early as possible to prevent any issues after the official publication of the proceedings.

Selection of articles will be based on a number of factors including, among other things, quality of research, originality, and style. Selected papers may be required to undergo further review and editing before actual publication in selected Journals.

Publication:

Submit abstract/Full Paper via email: globalresearchconference@gmail.com, rmdstic.conference@sinhgad.edu

Selected Papers will be recommended for publication in SCOPUS Indexed Journals with additional fees and UGC care 1 listed journal Publication will be free for qualified papers.

Important Date

Thes been Particulars	Date
Abstract or Full Paper Submission	February 25,2021
Notification of Acceptance	March 5, 2021
Last Date of Early Bird Registration	March 10, 2021
Final/Revised Paper Submission	March 15, 2021
Last Date of Regular Registration	March 20,2021
Conference Dates	March 25th & 26th, 2021

Registration Fee **ONE Registration Fee includes** the following for the registered authors:

- Participation in the technical program
- Digital Attendance Certificate
- E-Proceedings

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Registration Fee	Early Bird Rate	Normal Rate
International Delegates	USD \$ 150	USD \$ 200
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Regular Presenter	INR 3500	INR 4000
Full-Time Student(Proof of Student card is required)	INR 2500	INR 3000
Participant (Without paper)/Listeners	INR 1200	INR 1500

- . In case of multiple authors at least one author must register. Only the registered author will receive the certificate. Certificate will be issued to all the authors of the paper only against the registration by all the authors.
- · If an author submits two papers, both papers must be registered separately.

· Presentation in absentia is not encouraged.

Please find below the account details for the registration fee transfer:

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Sinhgad Technical Education Society's

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OFFICIAL LETTER OF INVITATION

Date: 15th Mar 2021

To

Krishna Tripathi Computer, RMD Sinhgad School of Engineering/ Savitribai Phule Pune University, India

Ref: Paper Acceptance and Invitation Letter

Paper ID: RMDSTIC-21-EN-097/01

Dear Krishna Tripathi,

Congratulations! We are delighted to inform you that your research paper (peer-reviewed) titled: "Voice Assistant of Automation of task using AI & ML" has been accepted for presentation at the International Conference in Pune, India on the "RMD Sinhgad Technical Institutes Campus International Conference on Innovative Practices in Engineering Technology and Business Management (RMDSTIC-2021)".

On behalf of the Organizing Committee, we take great pleasure in inviting you to present your research paper at the conference. The conference will be held from March 25-26th, 2021at Sinhgad Technical Educational Society's RMD Sinhgad Technical Institutes Campus, STES Warge Campus, Off Mumbai Bangalore Highway, S.No. 111/1, Warje, Pune – 411058, Maharashtra, India on Virtual Platform.

Kindly complete the payment formalities and send us the registration form on or before the deadline. Please note that you have been allotted ten minutes for Virtual presentation and another five minutes for interaction/Q&A session with the audience.

UGC care 1 listed journal Publication will be free for selected papers and which qualify for publication in SCOPUS Indexed Journals with an additional fee at actuals.

With best compliments from

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OFFICIAL LETTER OF INVITATION

Date: 15th Mar 2021

To

Sarang Patil Computer, RMD Sinhgad School of Engineering/ Savitribai Phule Pune University, India

Ref: Paper Acceptance and Invitation Letter

Paper ID: RMDSTIC-21-EN-097/02

Dear Sarang Patil,

Congratulations! We are delighted to inform you that your research paper (peer-reviewed) titled: "Voice Assistant of Automation of task using AI & ML" has been accepted for presentation at the International Conference in Pune, India on the "RMD Sinhgad Technical Institutes Campus International Conference on Innovative Practices in Engineering Technology and Business Management (RMDSTIC-2021)".

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OFFICIAL LETTER OF INVITATION

Date: 15th Mar 2021

To

Tipu Sultan Computer, RMD Sinhgad School of Engineering/ Savitribai Phule Pune University, India

Ref: Paper Acceptance and Invitation Letter

Paper ID: RMDSTIC-21-EN-097/03

Dear Tipu Sultan,

Congratulations! We are delighted to inform you that your research paper (peer-reviewed) titled: "Voice Assistant of Automation of task using Al & ML" has been accepted for presentation at the International Conference in Pune, India on the "RMD Sinhgad Technical Institutes Campus International Conference on Innovative Practices in Engineering Technology and Business Management (RMDSTIC-2021)".

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Director / Principal

RMD Sinhgad Technical Institutes Camus

Warje, Pune - 411 058.

OFFICIAL LETTER OF INVITATION

Date: 15th Mar 2021

To

Sujeet Patil Computer, RMD Sinhgad School of Engineering/ Savitribai Phule Pune University, India

Ref: Paper Acceptance and Invitation Letter

Paper ID: RMDSTIC-21-EN-097/04

Dear Sujeet Patil,

Congratulations! We are delighted to inform you that your research paper (peer-reviewed) titled: "Voice Assistant of Automation of task using Al & ML" has been accepted for presentation at the International Conference in Pune, India on the "RMD Sinhgad Technical Institutes Campus International Conference on Innovative Practices in Engineering Technology and Business Management (RMDSTIC-2021)".

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GLOBAL RESEARCH CONFERENCE FORUM



Email: info@globalresearchconference.com Website: www.globalresearchconference.com (RMD Sinhgad Conference) March 25-26, 2021

Venue: Sinhgad Technical Educational Society's, STES Warje

Campus, Off Mumbai Bangaluru Highway, S.No 111/1, Warje Pune-411058, Maharashtra India



Please Select Conference Topic: RMDSTIC International Conference on General Science, IT, Civil, Computer Science Communication, Emerging Engineering & Technologies 2021. RMDSTIC International Conference on Management, Business, Economics and Susof the Organizing Committee, I would like to invite all the Scientific Community to particular topic Conference. Please Kindly Fill In a Separate Registration Form for Each Conference Particular Conference Pa	stainability 202 articipate in th	21 Finally. o	on behalf enal
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March 25th_26th, 2021

Venue: Virtual Platform meet 60

Sinhgad Technical Educational Society's RMD Sinhgad Technical Institutes Campus STES Warje Campus, Off Mumbai Bengaluru Highway, S.No. 111/1, Warje, Pune – 411058, Maharashtra, India.

Theme:

Sustainable Challenges and Smart
Practices in Engineering Technology &
Management



RMD Sinhgad Technical Institutes Campus, Warje, Pune.



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Website:www.globalresearchconference.com

Hearty Welcome!

We are ecstatic to host this International Conference on the prestigious grounds of RMD Sinhgad Technical Institutes, Warje, Pune, under the auspices of Sinhgad Technical Education Society (STES). Pune, Maharashtra's cultural capital, has received the moniker "Oxford of the East" for its long association with the fields of literature, architecture, theatre, technology, and other fields as a learning centre.

Taking the meeting forward, we will gather for debate at the Conference and drive our thinking machine, investigate and advance our thought machine, delving mainly into focussing on approaches and frontiers for long-term dilemmas and intelligent practises in the field of engineering technology and management.

SINHGAD INSTITUTES, Empowering Academic Excellence!!!

The Sinhgad Group of Educational Institutes, spread over Maharashtra, is a force to be reckoned with. The group is bench marked in every aspect. It struck its foundation in 1993 to transform the dream of its visionary Architect Founder President Prof. M.N. Navale's, into a palpable reality. The entire Sinhgad Group has convincingly evolved into the most sought-after education destination. Majority of the institutes are duly accredited by NAAC, approved by AICTE/DTE and affiliated to Savitribai Phule Pune University, Solapur University & Mumbai University.

Sinhgad Technical Education Society (STES), RMDSTIC has set itself a vision "We are committed to produce not only good engineers but good human beings also". The Motivating environment in RMDSTIC for knowledge assimilation, generation and dissemination with a sense of social responsibility, human values and concern for social commitment has carved a niche for itself among the best technical institutes.

Global Research Conference Forum is an educational based wide spectrum that seeks to provide Scholars / Researchers / Academician / Scientists from across the Globe who are involved in collaboration with the international research community with the current development of expertise in theory and practise in all the area's of research.

Please attend the world's largest meeting of research scientists, educators, and politicians, which will take place in Pune on March 25th and 26th, 2021. Conference Topics:

- RMDSTIC International Conference on General Science, IT, Computer Science, Emerging Engineering & Technologies 2021
- RMDSTIC International Conference on Management, Business, Economics and Sustainability 2021

Warm Greetings from Maharashtra's Cultural Capital "Pune"

Pune, also known as 'Poona,' is a city in the Indian state of Maharashtra. It is also known as the "Queen of the Deccan," and it rose to prominence in the 17th century as the capital of the Bhonsle Marathas. Pune, Maharashtra's second largest city, is known for its rich Maratha culture and well-established long history in production and processing. The city was once ruled by the Rashtrakutas, and Shivaji founded his empire from Pune.

Pune has one of the most pleasant climates in the world. It has a hot, semi-arid climate that makes it suitable for human habitation.

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Pune is India's eighth most populous city. It has the country's sixth-highest per capita income. Information technology, manufacturing, and education are just a few of the industries that help to improve Pune's economy.

Some of the world's largest car firms are headquartered in Pune, India's Motor City. Greenfield facilities have been developed near Pune, Maharashtra, by Bajaj Auto, General Motors, Mercedes Benz, Volkswagen, and Force Motors.

In addition, the IT sector in Pune has largely emerged. The IT industry, which is important to Pune's economy, is attracting skilled professionals from all over the world. Several well-known IT companies, including Infosys, TCS, and Capgemini, IBM, Rockwell Automation, and Tech Mahindra, are headquartered in the area.

Pune, India's cultural capital is known as the "Oxford of the East" because of its extensive prestigious educational institutions and research centres. The city has grown into a major educational centre for the region.

Students and practitioners from all over the world are attracted to prestigious academic institutions in information technology, management, education, and training. Pune is home to nearly half of all international students in the region. Furthermore, several colleges in Pune have student exchange programmes with European colleges.

Conference Theme:

"Sustainable Challenges and Smart Practices in Engineering Technology & Management"

The Covid 19 pandemic, in addition to its effects on economies and trade operations, poses a number of problems for the engineering and technology industries, which may intensify depending on the scale and duration of the global crisis. The repercussions of Covid-19 are causing delays for technology companies and governments charged with commissioning programmes. The most noticeable implications are massive construction sites, putting subcontractors at risk of bankruptcy. Chain reaction has a compounding effect on oil refineries, energy-based companies, and chemical markets, which will almost certainly face immediate revenue declines. E&C companies will continue to face downward market pressure and supply chain issues. Many privately commissioned projects are caused to be postponed, resulting in cash flow issues and debt management concerns. This form of condition would almost certainly result in a rise in distressed company acquisitions. However, in most foreign countries, engineers have steered away from their professional body of work to help the medical front-liners to make face masks, shields, ventilator prototype, as engineers are central to a lot of such infrastructure.

In the technology industry, the situation is very similar, as Internet leverage is given to adapt the huge increase in the worldwide use of workstations for work from home, equipping them with the requisite infrastructure to triple or even quadruple the number of remote workers. The only assurance seems to be that the crisis is had a huge impact on the IT industry. Network-wide stress testing seems to be a foregone conclusion for the majority of companies and IT professionals who operate their networks. The Covid pandemic has hindered many organisations' ability to re-allocate resources to help staffs who are unable to operate outside their offices. Network Redundancy infrastructure solutions would have to face a constantly low-price reduction to a degree that even small enterprises can afford to take over. Businesses are gradually moving to co-working spaces in place of conventional office space, and introducing versatile technical standardised solutions. The new advancements in the field of artificial intelligence, with the current exposure being the method of Automation Marketing Software, which is likely to be implemented in a major way because it needs minimal maintenance and human intervention.

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RMD Sinhgad Technical Institutes Camus Warje, Pune - 411 058. As a result, the apparent consequences have a lot of far-reaching long-term implications that no one expected.

The current financial crisis will pave the way for a completely new IT world. Start operating on the fact that governments and subcontractors could consider working closely together, as in the case of widened building shutdowns, reviewing cash operations, contemplating mergers and acquisitions, and analysing the cost of labour with contingency planning during decreased demand and operation, as examples of steps or interventions that might be considered to save the planet from a greater loss. Additionally, a stimulus plan may prevent a short-term upward ripple impact in the labour market.

The Covid-19 epidemic serves as a stark reminder that pandemics and other natural disasters will continue to occur in the future. We must be ready to mitigate their societal consequences. Coronavirus is having a major effect on industries and the economy, in addition to having serious health consequences. As the pandemic advances, there has never been a more urgent need for companies to reconsider and reconfigure their operations in order to adapt to a changing environment.

Now is the time for businesses to focus their efforts on supporting core elements of their operations that will help them stabilise in the new world and plan for the future. Any main areas to concentrate on will be designing incident response strategies specific to this crisis, as well as interacting efficiently with the workforce, protecting people, and so on. To reduce the ripple effects of Covid 19, to minimise supply chain distributions, to create an awareness of the tax, exchange, and regulatory processes, to manage the dynamics of funds, and, of course, to strategize brands through digital transformation.

Everyone here expresses sincere gratitude to those of you who have reached out to us in your own special way, no matter how big or small. All of you good people out there get a huge thumbs up for making the timely decision to attend this event. Thank you very much for your invaluable time, presence, and involvement, and particularly for being so gracious in receiving and accepting our generosity. Looking forward to your kind cooperation, enthusiastic engagement, and some feisty brainstorming from you illustrious gurus in order to make this virtual meet special and successful! An elated Thank you to everyone who is participating in this upcoming meet.

Before signing off, I would like to congratulate the entire team as well as our Advisory and Review Board Members. I am very certain and optimistic that they will put on a good show, so I congratulate them on their overall efforts.

Come! Connect! Contribute! Conquer!

Best Regards.

Conference Secretary Dr. Swati Vijay Dean ,RMDSinhgad School of Management Studies (RMDSSOMS), Warje, Pune. Conference Secretary Dr. Sharad S. Mulik Dean, Academics RMD Sinhgad School of Engineering (RMDSSOE), Warje, Pune. Conference Chairtman Dr.PrakashDivakaran, Managing Director. Global Research Conference Forum, Pune, Maharashtra, India Conference Director Dr. Vaibhav V. Dixit, Principal/ Director, RMD Sinhgad Technical Institutes Campus (RMD STIC), Warje, Pune



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- VIRTUALPRESENTATION meet60.com: For real-time interaction between presenter and audience
- 2. ONLINE VIDEO PRESENTATION (NEW!!!) Now you can present your paper from the comfort of your home. Just send us your 10-15 minutes pre-recorded video presentation and slides. The video will be posted in our YouTube channel and Facebook page on the conference day. It saves time, money and more importantly, we stay safe. It's the New Normal!

Best Paper Award (Only for research scholars)

'Best Paper' is selected on the basis of a set of selected criteria. Reviewers' report is the key factor in selecting the best research papers.

Best Presenter Award Best

Presenter Awards will be presented only to research scholars (if there are sufficient numbers) who make outstanding presentations in each track which will be based on the recommendations of the Chair/Observers of the respective Technical Sessions.

Publication of your Paper

Selected Papers will be recommended for publication in SCOPUS Indexed Journals with additional fees and UGC care 1 listed journal Publication will be free for accepted papers.

Whom to Contact?

For any queries/issues regarding the conference matters, please contact Dr. Prakash Divakaran on Whatsup Contact Number: +91 9545553130. & Dr. Sharad S. Mulik Dean, Academics RMD Sinhgad School of Engineering (RMDSSOE), Warje, Pune Contact Number: +91 8999946047

You may also send an email to globalresearchconference@gmail.com, rmdstic.conference@sinhgad.edu

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Program Outline

25th March 2021 (Timeline)

Venue: https://meet60.com/Event/meet/1934/1935/1936

09.30 - 10.00	: Registration	
10.00 - 11.00	: Inaugural Session/Keynote Address	
11.00 - 13.00	: Technical Session -Paper Presentation	
13.00 - 14.00	: Lunch Break	
14.00 - 17.00	: Technical session - Paper Presentations	

25th March 2021

- 10:00 Am 05:00 Pm
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10.00-11.00

Inaugural Session

(Meeting Id :1934)

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Inaugural Session/Keynote Address

Welcome Address: Dr.Sharad S. Mulick,

Dean-Academics

RMD Sinhgad School of Engineering (RMDSSOE),

Warje, Pune.

Inaugural Speech - Dr. Vaibhav. V. Dixit,

Principal,

RMD Sinhgad School of Engineering (RMDSSOE),

Warje, Pune.

Keynote Address: Prof. Dr. Hari Shankar Sharma,

(BE, NESC, PGSBMIA, M.Sc. MTech., Ph.D., D.Lit.)

Vice-Chancellor, Himalayan University.

Special Address: Prof. Dr.P.K Joy,

Multi-disciplinary Academic, Author, Poet & Consultant,

New York, USA.

Vote of thanks: Dr. Swati Vijay,

Dean- Academics

RMD Sinhgad School of Management Warje, Pune.

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Track: Computer Engineering & Information Technology

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Session Chair:

- 1. Dr. S. Srinivasa Suresh
- 2. Dr. Alpana Adsul
- 3. Mrs. Sweta Kale.

RMDSTIC-21-EN-015: "Tongue Diagnosis Using Texture Analysis" Shivai A. Aher, Assistant Professor, Dr. Vaibhav. V. Dixit, Department of IT, RMD Sinhgad School of Engineering, Pune, Maharashtra

RMDSTIC-21-EN-016: "Comparative study of various knowledge management systems in higher Education", Vinod M., Charawande Dr. Ajim Shaikh, MITCOM, MIT ADT University.

RMDSTIC-21-EN-019: "Review on Segmentation and Recognition methodologies for OCR System of Devanagari Script", Harsh Shah, Vina Lomte, Prathamesh Nale, Shweta Panchpor, Tarun Agrawal, Dept. of Computer Engineering, RMD Sinhgad School of Engineering, India.

RMDSTIC-21-EN-021: "A Survey on "Object Detection Algorithms for Visually Impaired People" Prof. Pradnya Kasture, Aishwarya Kumar, Yash Jagtap, Akshay Tangade, Aditya Pole Dept. of Computer Engineering, RMD Sinhgad School of Engineering, India.

RMDSTIC-21-EN-022: "Survey on Object Detection Techniques based on GPU for Marathi Character Recognition", Sneha Punde, Prof. V. M. Lomte, Payal Pawale, Payal Pawale, Nouman Aijaz, Dept. of Computer Engineering, RMD Sinhgad School of Engineering, India.

RMDSTIC-21-EN-034: "Supervise learning methods for intrusion detection and prevention for vulnerable network systems", Ms. Monika D.Rokade, Dr.Yogesh Kumar Sharma, Department of Computer Science and Engineering Shri J.J.T. University, Rajasthan.

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RMDSTIC-21-EN-045: "A Deep Learning Based Approach for Precise Video Tagging", Unmesh Papat, Prof. V.M.Lomte, Himanshu Deshmukh, Akash Sonwane, Rohit Shendage. Dept. of Computer Engineering, RMD Sinhgad School of Engineering, India

RMDSTIC-21-EN-046: "Survey On Devanagari Character Recognition Using Deep Learning Techniques", Ramprabhu S. Khakare, Prof. Vina M. Lomte, Riddhi N. Pawar, Ranjit T. Makawne, Siddhi N. Pawar, Dept. of Computer Engineering, RMD Sinhgad School of Engineering, India

RMDSTIC-21-EN-047: "Secure Voting System using blockchain Technology" Prof.Shrikant Nagure, Kaustubh Pawar, Vedika Yadav, Nikita Yenpure, Pratiksha Gangawane, Dept. of Computer Engineering, RMD Sinhgad School of Engineering, India.

RMDSTIC-21-EN-050: "Enhancement in Data Security and Encryption Speed at Rest in Cloud Computing Using AES-CTR Encryption", Shrikant D. Dhamdhere, Dr. M. Sivakkumar,

RMDSTIC-21-EN-068: "Touchless Heart Rate Detection using Image Processing: Real time Application", Dikshita Jungade, Gargee Shah, Sharvari Gadam, Rakhee Mahajan, Bhagyashree Shendkar, Sinhgad Institute of Technology and Science, Savitribai Phule Pune University, Pune

RMDSTIC-21-EN-071: "E-Tourism Travel Route Recommender", Amit Joshi, Sankul Joshi, Sweta Kale, Nachiket Venkatgiri, Rocky Pandey, R.M.D. Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-072: "Face Fraud Detection in Online Exam", Rohit Chaudhari, Vedika Manchekar, Shubham Ladhe, Manasi Jakhotia, Prof. Suhas Chavan, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-074: "Survey on Complaint Management Systemsbased on Machine Learning Techniques, Sayali Bhosale, Sonali Patankar, Kshitija Kadam, Rujuta Dhere, Prof. Manisha Desai, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-077: "RAPARE: Mitigating Cold-Start Recommendation Problem by Rating Comparison", Bhagyashree Bendale, RMD Sinhgad School of Engineering, Warje, Pune.



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Track: Management, Business, Economics, Marketing and Tourism Sustainability

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- 1. Dr. Devayani Ingale
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RMDSTIC-21-BM-001: "Business Students' Self Perceived View of Their Competence of Performing Employability Skills in Their Future Careers", Paramesswari. N, V.C.Praveen Priyaa

RMDSTIC-21-BM-002: "Web series popularity on OTT platform and future of movie in India", Dr Bharti P Jagdale.

RMDSTIC-21-BM-003: "Retailers Attitude and Consumer Purchase Behavior for Gits Food Products With Reference to Pune City", Dr. Rajesh Gawali, Dr. Anamika Singh, Sinhgad Institute of Management and Computer Application, Pune.

RMDSTIC-21-BM-006: "Study of Financial Performance & Trend of Compounded Annual Growth Rate with respect to Bajaj Auto Ltd, Pune.", Dr. Avinash H. Ghadage, Dr. Avadhoot Pol, Sinhgad Institute of Business Administration and Research, Kondhwa, Pune

RMDSTIC-21-BM-007: "Comparative Performance Analysis of Selected Mutual Fund Schemes in Tax Saver Category" Dr. Avadhoot Pol, Dr. Harshal Raje, Dr. Ujjwal Mishra, Dr. D.Y. Patil Vidyapeeths's Sinhgad College of Engineering, Pune.

RMDSTIC-21-BM-008: "Web series popularity on OTT platform and future of movie in India", Dr. Bharti.P.Jagdale

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RMDSTIC-21-BM-009: "A study on Tribal Health and Education of Odisha: Focus on the Public Policies", Dr. Sonali Mishra, Utkal University, Bhubaneswar, Odisha

RMDSTIC-21-BM-010: "Training People to Manage Ecotourism in Odisha during the Pandemic- A Qualitative Study, Ms. Sharmila Subramanian

RMDSTIC-21-BM-011: "A Study of Challenges of Online Assessments during Covid-19 Situation in India", Sweta Agrawal Jain, Institute of Management Development & Research

RMDSTIC-21-BM-012: "An Empirical Investigation of Critical Analysis of Gen-Y Hotel Employees Preferences Towards Compensation and Motivating Factors", Dr. Vijay Dhole, Sinhgad Institute of Business Administration and Research, Kondhawa, Pune.

RMDSTIC-21-BM-019: "Analysis of Performance of National Service Scheme (NSS) Units at Various Graduation Colleges: Quality Management Perspective", Dr. Swati Vijay, Ms. Chaitrali Esave,

RMDSTIC-21-BM-020: "Ethical way of conducting business of e-commerce companies during COVID19 pandemic - An investigation of e-commerce shoppers of Pune", Dr. Vivek Swami, Dr. V. R. Humbe,

RMDSTIC-21-BM-021: "Feasibility Study for Implementation of Six Sigma in Sinhgad Institute (STES) Libraries for Enhancing Quality of Library Processes and Services", Amita Pradhan,

RMDSTIC-21-BM-023: "Importance of Website in Digital Marketing", Manjari Lal, Dr. Hemant Katole, PUMBA, Savitribai Phule Pune University, Pune.

RMDSTIC-21-BM-024: "Study of Agricultural Commodity Index and Stock Performance - Correlation and Volatility Spillover Study", Pravin Gurav, Dr. Hatim Kayumi, Savitribai Phule Pune University, Pune.

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1. Dr. N. P. Sherje

2. Dr. M. V. Nagarhalli

3. Mr. D.R. Salunke

RMDSTIC-21-EN-001: "A Review on the Multi Objective Optimization in Turning Operation of SS304 Sheet Metal Component", N. J. Rathod, Dr. M. K. Chopra, U. S. Vidhate, Sarvepalli Radhakrishnan University, Bhopal, India.

RMDSTIC-21-EN-002: "Optimization of Kinematic Linkage for Variable Displacement Pump through Adaptive Control", Mr.Suyog Gaware, Prof.Dr.P. Ravi Kumar, Sarvepalli Radhakrishnan University, Bhopal.

RMDSTIC-21-EN-003: "Comparative Analysis for Vibration Reduction in Spur Gear Manufactured by Moulding Process and FDM Process Using Phasing Method", Mr.Prafulla D. Kale, Prof.Dr.P. Ravi Kumar, Sarvepalli Radhakrishnan University, Bhopal.

RMDSTIC-21-EN-004: "Thermodynamic Analysis of Various VR System Components - A Comprehensive Review", Vinjamuri SN CH Dattu, Danaiah Puli, DVVSB Reddy Saragada, Lincoln University College, Malaysia

RMDSTIC-21-EN-005: "Spring back in Sheet Metal Forming", Dr. Gawade Sharad, Dr. V. M. Nandedkar, S.G.G.S. Institute of Engineering and Technology, Nanded-India.

RMDSTIC-21-EN-006: "Design, Modelling & Analysis of Rear Safety Under-ride Guard for Heavy Duty Vehicles", Prashant V. Khairnar, D.S.Chaudhari, GESCOE, Nashik, India.

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RMDSTIC-21-EN-007: "Parametric optimization in wire electro discharge machine process for OHNS Steel", Sambhaji Venkatrao Sagare, Dr Shyam Sunder Pawar, Sarvepalli Radhakrishanan University, Bhopal.

RMDSTIC-21-EN-008: "Analytical Investigation of Vibration Response of Cracked Laminated Composite Beam", Mr. Yuvraj R. Mule, Dr. S. S. Kulkarni, SKNSCE Korti, Pandharpur, India.

RMDSTIC-21-EN-013: "Overview on Development of Tire Pattern to Reduce Hydroplaning Using Effective Simulation Driven Methods", Omkar Bhosale, V.S. Kanthale, N.T. Dhokane, S.B. Barve, Dr. Vishwanath Karad MIT World Peace University, Pune

RMDSTIC-21-EN-014: "Improving the performance of Back Gouging Machine using PLC and VFD", Shubham Babasaheb Nawale, V. S. Kanthale, N. T. Dhokane, S. B. Barve, MIT World Peace University, Pune, Maharashtra, India

RMDSTIC-21-EN-009: "Haemoglobin Measurement Using Non-Invasive Technique: State of the art", Manish Jadhav, V. S. Kanthale, N. T. Dhokane, S. B. Barve MIT WPU, Pune.

RMDSTIC-21-EN-010:" Imperfections in Different Riveting Processes - A Review", T. D. Shinde, V. S. Kanthale, N.T. Dhokane, S.B. Barve, MIT WPU, Pune.

RMDSTIC-21-EN-011: "Design and Optimization Methods for Complaint Mechanisms, A Review", Vineet Khened, V.S Kanthale, N.T Dhokane, S.B Barve, MIT WPU, Pune

RMDSTIC-21-EN-017: "Aerodynamic Drag Analysis in Passenger Vehicles", Yash Tharval, Shivaprakash Barve, Nilesh Dhokane, Vilas Kanthale, Dr. Vishwanath Karad MIT WPU, Pune, Maharashtra, India.

RMDSTIC-21-EN-020: "Prediction of Covid 19 Detection Using CNN", Dhanashree Lohagaonkar, Siddhii Jagtap, Shivam Patil, Puja Patil, Jyoti Raghatwan, R.M.D. Sinhgad school of engineering, Warje, Pune.

RMDSTIC-21-EN-139: "Experimental Investigation of Abrasive Water Jet Machining on Glass Fiber Reinforced Composite Laminate Resin", Dipak S. Patil, Manmohan M. Bhoomkar, Prabhakar M. Chopade, Department of Mechanical Engineering, PVG's COET, Pune, INDIA

13.00 - 14.00

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- 2. Dr. V. M. Rohokale
- 3. Mrs. Suvarna Potdukhe

RMDSTIC-21-EN-035: A machine learning approach for effective heart disease prediction and risk identification for real-time heterogeneous IoT systems, Mr.Sunil S. Khatal, Dr.Yogesh Kumar Sharma,

RMDSTIC-21-EN-051: "Implementation of Speech to Text Conversion", Ms. Shrutika B.Nalwade , Ms.Madhuri Yadav, RMDSSOE, Warje, Pune.

RMDSTIC-21-EN-052: "Monitor and Maintain Data Integrity of Cloud Data", Shrikant D. Dhamdhere Dr. M. Sivakkumar, RKDF Institute of Science and Technology (Sarvepalli Radhakrishnan University), Bhopal, Madhya Pradesh, India.

RMDSTIC-21-EN-055: "MediBot - Medical Assistance Agent Using NLP", Ananta Tamboli, Mayur Bhalerao, Aditya Bhumkar, Jeffy john, Trupti Dange, RMDSSOE, Pune.

RMDSTIC-21-EN-058: A" Comparative Study in Underwater Acoustic Communication", Ms.Grishma Bobhate Mrs.Sonal Fatangare, RMD Sinhgad School of Engineering, Warje, Pune.



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RMDSTIC-21-EN-059: "Comparative Analysis of CSLMS and MRVSS Algorithm of Smart Antenna", Mr. Saurabh Vijay Parhad , Mrs. Deepali A Newaskar, Mrs. Varsha N Nanavare, RMDSSOE, Warje, Pune

RMDSTIC-21-EN-060: "Survey on Image Captioning using CNN and LSTM with Network Compression", Lalit T. Choudhary, Prof. Vina M. Lomte, Janhvi Y. Bobhate, Bhagyashree N. Mulay, Shweta A. Singh, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-061: "Surveil Band", Mr.Pushkaraj Sonawaner, Mr.Omkar Darekar, Mr. Akshay Bhadange, Mr. Tabish Inamdar, Prof.Viresh Varanote, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-062: "Survey on Speech to Indian Sign Language Conversion for Hearing Impaired People", Prof. Jyoti Raghavan, Mr. Chandrashekhar Patil, Mr. Divesh Patil, Mr. Prajwal Patil, Ms. Riya Landge, RMD SinhgadSchool of Engineering, Warje, Pune.

RMDSTIC-21-EN-063: "Smart Agro - Impro

ving Prediction Accuracy of Soil pH Values & Appropriate Crop Selection using ML, Sanket Chaudhari, Mahesh Chavan, Himanshu Govande , Saurabh Chede, Prof. Shrikant Nagure , RMD college of Engg

RMDSTIC-21-EN-064: "An Survey on Mirai Attacks", Sheetal More, Hani Patil, RMDSSOE, Warje, Pune.

RMDSTIC-21-EN-065: "Application of Face Recognition in Biometric Attendance System", Akash Shamrao Chavan, Aditya Manoj Kapote, Vaibhav Vijay Hindole, Vaibhav Vinayak Kale, Prof. Suhas Chavan, RMDSSOE, Savitribai Phule Pune University, Pune.

RMDSTIC-21-EN-080: "Mobile Application for Disease Detection Using MI Model", Kishore Phad, Deepti Bhagwan, Nikhil Taur, Gitishree Yadav, Prof. Kaveri Chaudhari, RMDSSOE, Warje, Pune

RMDSTIC-21-EN-083: "Breast Cancer Detection Using Machine Learning the Sur", Rushikesh Chaudhari, Prof. Mrunalinee Patole, Shrawani Harkal, Rohit Deshmukh, Rutuja Deshmukh, RMDSSOE, Warje, Pune.

RMDSTIC-21-EN-085: "Semantic Retrieval Of Trademarks Based On Text and Images Conceptual Similarity using deep learning" Mr. Suhas Chavan, Tushar Varkhade , Saurabh Hande , Shraddha Swami, Amita Kadam, RMD Sinhagad School of Engineering

RMDSTIC-21-EN-086: "User-To-User Based Recommendation System for Fitness Freaks" Sanjay Singh, Dhanesh Phulphagar, Prajwal Shelke, Sarfaraj Khan, Kaveri Sonawane, RMD Sinhgad School of Engineering, Warje, Pune,



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RMDSTIC-21-EN-092: "Data Center Network Congestion Management: Survey", Hani B Patil, Sheetal More, RMD Sinhgad school of Engineering, Warje, Pune

RMDSTIC-21-EN-093: "Eduguider-Career Assistance Based On New Education System Using Machine Learning", Shubham Kale, Suvarna Potdukhe, Gaurav Wanare, Hemant Verma, Pooja Sonawane, RMD Sinhgad school of Engineering, Warje, Pune.

RMDSTIC-21-EN-094: "Cost Effective Resource Provisioning Approach for Cloud Environments", Akshay Lonari, Aishwarya Jagtap, Gaurav Pagar, Nishant Hiray, Prof. Jaitee Bankar, RMD Sinhgad School of Engineering, Warje, Pune

RMDSTIC-21-EN-095: "Women Safety Night Patrolling IoT Robot", Kajal Rajgura, Chaitrali Tatkare, Sushma Bankar, Aishwarya Kadam, Prof.Dewanand.A.Meshram, RMD Sinhgad School of Engineering, Warje, Pune



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Track: Management, Business, Economics, Marketing and Tourism Sustainability

Session Chair:

- 1. Dr. Pradnya Bhandare
- 2. Dr. Kavita Kamath

RMDSTIC-21-BM-026: "Corporate Governance: Effective Control Strategy for Banks in India w.r.t. Bank of Baroda", Dr. Devyani Ingale, RMDSSOMS, Warje Pune.

RMDSTIC-21-BM-027: "Recent Trends in Human Resource Management", Dr. Jyothi Pwar, SIBAR

RMDSTIC-21-EN-044: "Impact of COVID -19 on Self Help Group "Can drive potential, production and consumption", Dr. Deshmukh Sachin, Dr. Hanumanth Patil, SIBAR, PUNE.

RMDSTIC-21-EN-049: "Indian Restaurant: Managing Diversity in Challenging Times", Dr. Sanmath Shetty, Sinhgad Institute of Management, Warje, Pune.

RMDSTIC-21-EN-053: "Emergence of Predictive Analytics as New HR Horizon", Ms. Pallavi N. Shintre, Ms. Mayuri Harwade, Modern College of Engineering, Shivajinagar, Pune.

RMDSTIC-21-EN-056: "Pre and Post Covid-19 Analysis on Market Capitalization", Dr. Avadhoot D. Pol, Dr. Shital P. Bhusare, Sinhgad Institute of Business Administration & Research, Warje, Pune.

RMDSTIC-21-EN-057: "The Study of Health Care Plan on Senior Citizens W.R.F. Samarth Healthcare Privilege Plan", Prof. Devyani Ingale, Mr. Balkrishna Shetty.

RMDSTIC-21-EN-099: "Marketing Mix of Public Sector, Private Sector and Cooperative Banks", Ms. Namrata P Mandwale, Dr. V.S. Mangnale, Punyashlok Ahilyadevi Holkar Solapur University, Solapur, Maharashtra, India.

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RMDSTIC-21-BM-014: "Corporate Social Responsibility - A Brand Building Opportunity for Corporates", Dr. Tanuja Devi, Mr. Sumeet V Gaikwad, MES Garware College of Commerce, Pune.

RMDSTIC-21-BM-015: "Innovative applications in Information Technology on Product Design and Service Quality in Hospitality", Deepa Joshi

RMDSTIC-21-BM-017: "Unprecedented Effects of Covid-19 on Migrants of India", Pradip S Thombare, Sinhgad Institute of management, Warje, Pune.

RMDSTIC-21-BM-018: "A Study of Impact of Digitalization on Sales Employees", Prof. Prabha Kumari, Prof. Dr. M.K. Singh, Dr. D.Y. Patil Arts, Commerce and Science College, Pimpri, Pune.Maharashtra,India.

RMDSTIC-21-EN-040: Corporate Social Responsibility- Trends forestall to be on the Rise in 2020, Dr. Deshmukh Sachin, SIBAR, Kondhawa,

RMDSTIC-21-EN-044: "Impact of COVID -19 on Self Help Group "Can drive potential, production and consumption", Dr. Deshmukh Sachin, Dr. Hanumanth Patil, SIBAR, PUNE

RMDSTIC-21-EN-126: "Co-Operative Bank Employees Performance Appraisal of Solapur District", Ms. Archana V. Gaur, Dr. Shendge Rajendra N, Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

RMDSTIC-21-EN-132: "Corporate Social Responsibility- Trends forestall to be on the Rise in 2020", Dr. Deshmukh Sachin.

RMDSTIC-21-EN-136: "A Study of Channel Recruitment Process for VM Intellect", Dr. Deepali Ubale, P.E.S. Modern College of Engineering, Pune.

RMDSTIC-21-BM-031: "A Study of Issues and Challenges in Management Education in India", Mr. Dnyaneshwar Ghuge , Dr. Yogesh Bhowte, RMD Sinhgad School of Management studies, Pune

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Track: Mechanical Engineering & Design

Session Chair:

- 1. Dr. P. D. Darade
- 2. Dr. Kiran Jagtap
- 3. Dr. S. S. Mulik
- 4. Mr. U. S. Kaur
- 5. Mr. Ashish Ekatpure

RMDSTIC-21-EN-023: "Lean Manufacturing Application for Switchgear Manufacturing Industry", Shailendra Shisode, Nilesh Dhokane, Shivprakash Barve , Dr Vishwanath Karad MIT WPU, Pune, India.

RMDSTIC-21-EN-024: "Rice And Onion Transplanting Machine", Sachin Velapure, Atharva Dhamale, Amit Dumbre Hardik Rathod, Siyal Shaikh, Sinhgad Institute of Technology And Science, Narhe,

RMDSTIC-21-EN-025: "Study of Influence of PVD Coatings on Surface Roughness of LM 13 aluminium Alloy During Dry Machining Process", Sahebagouda Sanganagoudar, Vishaldatta V Kohir, Khaja Banda Nawaz College of Engineering, Kalaburgi,

RMDSTIC-21-EN-026: "Haze Image Enhancement using ML for Driver ASSISTANCE SYSTEM", Shashi Sekhar Prasad, Rushikesh Choudhari , Shivani Gadgil, Dr. Anant More, RMD Sinhgad School of Engineering, Pune.

RMDSTIC-21-EN-027: "Comparison of Solar Powered Single Effect, Double Effect and CDI (Capacitive Deionization) Vapour Absorption Air Conditioning System", Onkar Ajegaonkar, Shivprakash Barve, Nilesh Dhokane, Vishal Shitole, Dr Vishwanath Karad MIT WPU, Pune.

RMDSTIC-21-EN-028: "Thermal and Structural Debriefing of Reusable liquid Rocket Engines", Vaidant Rathore, Shivprakash Barve, Nilesh Dhokane, Vilas Kanthale, Dr Vishwanath Karad MIT WPU, Pune.

RMDSTIC-21-EN-029: "Enhancement of Thermal Performance of a Double Pipe Heat Exchanger using Nano-fluids", Shreyas Meshram, Nilesh Dhokane, Shivprakash Barve, Surendra Barhatte, Dr Vishwanath Karad MIT WPU, Pune.

RMDSTIC-21-EN-030: "Energy Saving in Buildings", Ruchika Lande, Nilesh Dhokane, Shivprakash Barve, Shailendra Shisode, Dr Vishwanath Karad MIT WPU, Pune

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RMDSTIC-21-EN-032: "Production of Biogas by using Solar Water Heater", Rushil Patel, Nilesh Dhokane , Shivprakash Barve, Prashant Thakar, Dr Vishwanath Karad MIT WPU, Pune

RMDSTIC-21-EN-033: "Topology Optimization of Knuckle for Off-Road Vehicles" , D V V S B Reddy Saragada, Dr Puli Danaiya, Vinjamuri Snch Dattu, Dr.PS Ranjit, Lincoln University College, Malaysia.

RMDSTIC-21-EN-036: "Automotive Aerodynamic Design", Chinmay D.Sangodkar, V. S. Kanthale, Nilesh Dhokane, Shivprakash Barve. Dr Vishwanath Karad MIT WPU

RMDSTIC-21-EN-037: "Human Action Recognition Using Deep Learning", Prof. Rajesh.U.Shekokar, Ms. Shubhada Karajkhede, Mr. Prathamesh Joshi, Mr. Kunal Chandolkar, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-038: "Design and Optimization Methods for Complaint Mechanisms, A Review", Vineet Khened, V.S Kanthale, N.T Dhokane, S.B Barve, MIT World Peace University, Pune

RMDSTIC-21-EN-039: "Condition Monitoring of Multipoint End Mill Tool Using Statistical Features and J48 Algorithm", Nilesh Dhobale, Sharad Mulik, Suhas Deshmukh, RMD Sinhgad school of engineering Pune

RMDSTIC-21-EN-041: "Design of 2X1 Circular Patch MIMO antenna with DGS at 5GHz", Amol Bhosale, Dr.Nagashettappa Biradar, BKIT Bhalki VTU, Karnataka, India

RMDSTIC-21-EN-042: "Design, Modeling & Analysis of Rear Safety Under-ride Guard for Heavy Duty Vehicles", Prashant V. Khairnar, D.S.Chaudhari, GESCOE, Nashik.

RMDSTIC-21-EN-043: "Phony News Detection & Classification using NLP Approach", Aditya Sonar, Neha Bhujbal, Shubham Baspure, Sonal Fatangare, RMD Sinhgad School of Engineering, India.

RMDSTIC-21-EN-082: "Literature Investigation of Laser Welding Process of material IS 2062 & AISI 304 for prediction of influential factors", Mr. Pingle Nikhil, Gandigude A.U, Zeal College of engineering, Pune

RMDSTIC-21-EN-106: "Recent Techniques for Producing Biodiesel", S. K. Pawar, Dr J. A. Hole, R.M. Golde, Rajarshi Shahu College of Engineering, Tahthawade, Pune

RMDSTIC-21-EN-124: "Design And Development Of Small Size Oil Extracting Machine From Groundnuts", Sachin Velapure, Sushant Ajit Kadam, Aniket Dashrath Khopade, Kiran Gokul Mali, Nikhil Balasaheb Londhe, SITS, Narhe



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RMDSTIC-21-EN-127: "Analytical Investigation of Vibration Response of Cracked Laminated Composite Beam", Mr.Yuvraj R.Mule, Dr. S. S. Kulkarni, Prof. Yogesh D. Shinde, SKNSCE Korti, Pandharpur, India.

RMDSTIC-21-EN-137: "Fault diagnosis of drilling tool using vibration signals and Best first tree classifier", Chandan MN, Sharad Mulik, Nilesh Dhobale, G. H. Raisoni College of Engineering & Management & Trinity Academy of Engineering Pune.

RMDSTIC-21-EN-138: "Random Forest Algorithm Based Condition Monitoring Of Grinding Wheel", Srinath Mangore Patil, Sharad Mulik, Nilesh Dhobale, Research Scholar, G. H. Raisoni College of Engineering & Management & JSPM college of engineering pune

RMDSTIC-21-EN-140: "Wave energy convertor technology: A Review", Dhananjay Kankal, R L Edlabadkar, Nilesh Dhobale, Sinhgad college of Engineering, Vadgaon, Pune.

RMDSTIC-21-EN-141: "Condition monitoring of broaching tool using K-Star Algorithm", Milind Rohokale, Sharad Mulik, Nilesh Dhobale, SKN Sinhagad Institute of Technology and Science, Lonavala, Pune.

END OF SESSION ON 25th March 2021



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Program Outline- Second Day

26th March 2021 (Timeline)

Venue: https://meet60.com/Event/meet/1934

09.30 - 10.00 : Registration

10.00 - 13.00 : Technical session - Paper Presentations

13.00 - 14.00 : Lunch Break

14.00 - 15.00 : Valedictory Function

Monday, 26th March 2021

10.00 - 13.00 Technical Session - 1

Track 1 (1934),

Track: Computer Engineering & Information Technology

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- ID 1934

Session Chair:

- 1. Dr. Alpana Adsul
- 2. Mrs. Vina Lomte
- 3. Mrs. Swata Kale

RMDSTIC-21-EN-097: "Voice Assistant of Automation of task using AI & ML", Krishna Tripathi, Sarang Patil, Tipu Sultan, Sujeet Patil, RMD Sinhgad School of Engineering, Warje, Pune.



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RMDSTIC-21-EN-098: "A Survey on Depression Detection Methods", Sayali Lole, Kadambari Gaykwad, Jay Kalyankar, Abhishek Kompelli, Shivai Aher, RMDSSOE, Warje, Pune.

RMDSTIC-21-EN-100: "Desktop Application For Securing Files using AES Algorithm", Prof. Prachi Rayate, Nirmiti Bowlekar, Vinayak Dave, Anant Dhage, Shubhankar Dhawade, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-103: "Blood Donation Application with Machine Learning using Flutter", Prof. Anuradha Kulkarni, Shivam Gandhi, Anuj Khaire, Ashish Katale, Pratiksha Sawant, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-104: "Student Performance Prediction System", Ganesh Gaikwad, Riyaz Mujawar, Abhinav Patil, Aaqib Shaikh, Prof. Prachi Rayate, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-105: "A Survey Paper On Symmetric Cryptography Algorithms", Prof. Prachi Rayate, Nirmiti Bowlekar, Vinayak Dave, Anant Dhage, Shubhankar Dhawade, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-108: Survey on Aptitude Problem Solver using Natural Language Processing", Pooja Adsul, Mrs. Vina Lomte, Bhavesh Panjwani, Manasi Patil, Alisha Solankar, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-112: Secure and Hassle-Free Next Generation E-Voting Through Deep Learning Based Face Recognition", Shankar Padrat, Prajval Chavan, Supriya Sathe, Bhagyashri Gandhare, Prof. Vanita Babne, Savitribai Phule Pune University, Pune

RMDSTIC-21-EN-114: "New Paradigms of Neural Network in Applications of Climatology", Akhilesh Kumar Yadu, Gyanesh Shrivastava, MATS University, Raipur, Chhattisgarh, India

RMDSTIC-21-EN-115: "Cost Effective Resource Provisioning Approach for Cloud Environments", Akshay Lonari, Aishwarya Jagtap, Gaurav Pagar, Nishant Hiray, Prof. Jaitee Bankar, RMD Sinhgad School of Engineering, Warje, Pune

RMDSTIC-21-EN-116: "Smart Contract for Digital Certificates using Block chain", Utkarsh Shrirao, Suvarna Potdukhe, Miloni Shah, Chaitrali Bobade, RMD Sinhgad School of Engineering, Warje, Pune

RMDSTIC-21-EN-117: "A survey on Home Automation using Augmented Reality and IOT", Bhairavi Shukla, Darshil Velani, Rucha Visal, Chandrakant Lakhani, Sweta Kale, RMD Sinhgad School of Engineering, Warje, Pune.

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RMDSTIC-21-EN-118: "A Survey on Recognition of Fake Currency Note", Amar Valkunde, Saloni Tambat, Swastid Swami, Shivai Aher, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-119: "Touchless Heart Rate Detection using Image Processing: Real time application", Dikshita Jungade, Gargee Shah, Sharvari Gadam, Rakhee Mahajan, Bhagyashree Shendkar,

RMDSTIC-21-EN-120: "Distributed Firewall with Dynamic Intrusion Detection Module", Dr. Zalte S.S., Patil P.N, Deshmukh S.N, Vishwakarma College of Arts, Commerce and Science, Pune, Shivaji University, Kolhapur, India

RMDSTIC-21-EN-123: "Coronavirus Detection Using Convolutional Neural Network", Ankush Kumar, Anjali Kumari, Tejas More, Rishav Kumar, K.S. Karnekar, Sinhgad Institute of Technology Lonavala, Maharashtra, India.

RMDSTIC-21-EN-128: "Informative Based Website Development using Voice Commands", Mr. Sameer Gedam, Mr. Shubham Anand, Mr. Rakesh Badodekar, Mr. Priya Pal, Ashutosh Janbandhu, Sinhgad Institute of Technology, SPPU, India

RMDSTIC-21-EN-129: "Tap and Dine - Smart Bistro Management and Ordering System", Atharva Theurkar, Bhakti Bagade, Mrunal Patil, Dewanand Meshram, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-130: "Diabetes Prediction System Using Machine Learning Algorithm", Arymann Sharma, Atique Aziz Chaudhary, Ujjwal Thakur, Rakesh Badodekar, Sinhgad Institute of Technology, India

RMDSTIC-21-EN-135: "Prediction of Covid 19 Detection Using CNN", Dhanashree Lohagaonkar, Siddhii Jagtap, Shivam Patil, Puja Patil, Jyoti Raghatan. M.D. Sinhgad school of engineering.

RMDSTIC-21-EN-142: "Virtual Tourist Guide" Vishakha S. Dhumal, Rachana R. Jadhav, Meghana A. Dighe, Preeti P. Chorghe, Suvarna Potdukhe, RMD Sinhgad School of Engineering, Warje, Pune, Maharashtra, India.

RMDSTIC-21-EN-150: "Brain Tumor Detection and Segmentation Using Bit-plane and UNET. Pratibha Kalluri, Prof. Vina Lomte, Abhishek Kangude, Pratik Kharate, Kunal Tibe, RMD Sinhgad School of Engineering, India.

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Track: Electronics & Telecommunication

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Session Chair:

- 1. Dr. (Mrs.) Snehal A. Bhosale
- 2. Dr. (Mrs.) V. M. Rohokale
- 3. Dr.(Mrs.) S. K. Jagtap

RMDSTIC-21-EN-067: "Cashless Money Transfer Wrist Band Using Raspberry PI", Mrs Sangogi Jyoti, Ms. Chanda Kalshetti, Mr. Ravindra Kalpande, Ms. Pooja Lende, RMD Sinhgad Institutes (SPPU,India.

RMDSTIC-21-EN-069: "Detection of Drowsiness using Imaging Processing", Ms. Hiral Soni, Mrs. Nandini Dhole, RMD Sinhgad School of Engineering, SPPU, Pune, India

RMDSTIC-21-EN-070: "Distributed Arithmetic without lookup table using VLSI", Mrs. Jyoti Sangogi, Mr.Rajesh Shekokar, Mr. Anant More, Savitribai Phule Pune University-India (SPPU), Pune, India

RMDSTIC-21-EN-073: "Fake Currency Detection Using Image Processing", Mrs. Jyoti Sangogi. Ms.Prachi Patil, Ms.Anuradha Jadhav, Savitribai Phule Pune University-India (SPPU),Pune,India

RMDSTIC-21-EN-075: "Fruit Classifier", Prof. R. U. Shekokar, Savitribai Phule Pune University-India (SPPU), Pune, India

RMDSTIC-2-EN-076: Greenhouse monitoring using IOT", Deshpande Tanmay, Hulawale Pratik, Kulkarni Sarvesh, Mrs. Nandini Dhole, RMD Sinhgad School of Engineering, SPPU, Pune, India.

RMDSTIC-21-EN-078: "IoT Based Smart Energy Meter", Deepali Newaskar, Nilanjan Ghosh, Kartik Purohit, Shoaib Mokashi, RMD Sinhgad School of Engineering, SPPU, Pune, India.

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RMDSTIC-21-EN-079: "IOT based Vehicle Instrumentation using Raspberry PI", Mr. Kuldeep Thakur, Mr. Rushabh Kapadane, Nikita Thorve, Dr. Snehal Bhosale, RMD Sinhgad School of Engineering, SPPU, Pune, India.

RMDSTIC-21-EN-084: "Smart City using IOT", Ms. Anchal Langhe, Mr. Ajit Dhanegave, Mr. Shubham Sarode, Dr. Snehal Bhosale, RMD Sinhgad School of Engineering, SPPU, Pune, India.

RMDSTIC-21-EN-087: "Volcano Eruption Estimation & Sensor Health Estimation of Nodes in WSN", Dr. Snehal A. Bhosale, Mrs. Darshana Sankhe, D.J. Sanghavi College of Engg. Parle(W), Mumbai, Maharashtra.

RMDSTIC-21-EN-088: "Wireless Charger for Biomedical Devices", Deepali Newaskar, Kunal Kulkarni, Mayank Paliwal, RMD Sinhgad School of Engineering, SPPU, Pune, India.

RMDSTIC-21-EN-089: You Only Look Once Real Time Object Detection using ML", Prof. Tushar Zombade, Mr. Shubham Khetmalis, Miss. Rekha Gupta, RMD Sinhgad School of Engineering, SPPU, Pune, India.

RMDSTIC-21-EN-101: "Review of Different Techniques for Automatic Detection of Oral Cell Carcinoma", Ms. Anuradha S. Pandit, Dr.Vaibhav.V. Dixit, RMD Sinhgad School of Engineering, SPPU, Pune, India.

RMDSTIC-21-EN-110: "Performance Analysis of Low Energy Adaptive Clustering Routing protocol based on Scalability and Density in Wireless Sensor Networks for IoT Applications". Vijaya Gopalrao Rajeshwarkar, Shekhar M Jagade, P.Chandrashekar Reddy,

RMDSTIC-21-EN-111: "Performance Analysis of Low Energy Adaptive Clustering Routing protocol based on Scalability and Density in Wireless Sensor Networks for IoT Applications", Vijaya Gopalrao Rajeshwarkar, Shekhar M Jagade, P.Chandrashekar Reddy, Jawaharlal Nehru Technological University, Hyderabad, India.

RMDSTIC-21-EN-113: Detection of Brain Tumour in MRI Images using Thresholding Segmentation Techniques", Mrs. Nandini Dhole, Dr. Vaibhav. V. Dixit, RMD Sinhgad School of Engineering, SPPU, Pune, India.

RMDSTIC-21-EN-131: "Systematic Literature Review of Manet And Iot Cumulative Execution for High Performance", Dr. Nitin A. Dhawas, Dr. Vaibhav Dixit, Nutan Maharashtra Institute of Engineering & Technology, Talegaon, Dabhade (MS) India.

RMDSTIC-21-EN-142: "Using Non-Linear Companding Scheme Peak To Average Power Ratio Reduction Of OFDM Signals For Image And Audio "Dr.Sharanabasava Inamadar, Dr. Vaibhav V.Dixit, Dr.D.Y. Patil SOET, RMD Sinhgad Technical Institute Campu, Warje, Pune.

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RMDSTIC-21-EN-144: "Ultrasonography Diagnosis of Thyroids Nodules: Guidelines for Malignancy Risk", Mayuresh B. Gulame, Dr.Vaibhav.V. Dixit, RMD Sinhgad Technical Institute Campu, Warje, Pune.

RMDSTIC-21-EN-145: Preprocessing of EEG signals for estimating state of mind, Deepthi D. Kulkarnia, Dr. Vaibhav. V. Dixit, RMD Sinhgad Technical Institute Campu, Warje, Pune.

RMDSTIC-21-EN-146: "Preprocessing Techniques For Mammogram Detect Ion Using Multi-View Feature Techniques", Ms. Rupali A. Patil, Dr. Vaibhav. V. Dixit, RMD Sinhgad Technical Institute Campu, Warje, Pune

RMDSTIC-21-EN-147: "Pre-processing Methods for Dermoscopic skin cancer images" Shikha Malik, Dr. Vaibhav. V. Dixit, RMD Sinhgad Technical Institute Campu, Warje, Pune

RMDSTIC-21-EN-147: "Review of Different Techniques for Automatic Detection of Oral Cell Carcinoma" Ms. Anuradha S. Pandit, Dr. Vaibhav. V. Dixit, RMD Sinhgad Technical Institute Campu, Warje, Pune

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Track: Civil Engineering.

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Session Chair

- 1. Dr. Pratibha M. Alandkar
- 2. Dr. S. S. Shastri

RMDSTIC-21-EN-012: "Feasibility Study on Treatment of Sugar Effluent Using Inverse Fluidised Bed Bioreactor", Harshwardhan Bhosale, Dr. Sameer Shastri, Prof. Appa M. Kale, Sinhgad College of Engineering, Vadgaon, Pune.

RMDSTIC-21-EN-048: "Use of Industrial Hazardous Solid Waste as Partial Replacement of Sand in Paver Blocks", Ashwini Jivan Patil, Dr S. S. Shastri, Appa M. Kale Sinhgad College of Engineering, Vadgaon, Pune.

RMDSTIC-21-EN-054: Used Foundry Sand in Cement Mortars along with carbon fiber", A.R.Pendhari , Dr.P.B.Nagarnaik, G.H.Raisoni College of Engineering, Nagpur, Maharashtra, India.

RMDSTIC-21-EN-066: Use of Industrial Hazardous Solid Waste as Partial Replacement of Sand in Paver Blocks", Ashwini Jivan Patil, Dr S. S. Shastri, Sinhgad College of Engineering, Vadgaon, Pune.

RMDSTIC-21-EN-081: "Modal Stability of High-Rise Building with Irregular Plan Configuration Under Seismic Loads", Ruchit Parmar, Mudar Kagalwala, Jyoti Bhusari, Sinhgad College of Engineering, Vadgaon, Pune.

RMDSTIC-21-EN-091: "A Comprehensive Study on generation and disposal of Solid waste and its Smart management in Warje", Pratik Murke, Prof. Abhijeet Datye, Tejas Patil, Aditya Talekar, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-096: "To Propose an Efficient Design of Flyover to Resolve the Traffic Issues Occurred on the Sinhgad Road", Mr. Sagar A. Kamble , Mr. Atharva L. Kondhare, Mr. Tanmay S. Kadam , Mr. Sumit K. Biradar, Savitibhai Phule Pune University, Pune

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RMDSTIC-21-EN-102: "Prevention of steel corrosion in concrete by using "Allium Sativum", Surekha S.Patil, Shailesh Zaware, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-121: "A Review- On Experimental Analysis of Concrete with use Alccofine Powder", Tejashree Chaudhari, Prof. Ms. Surekha Patil, Mayuri Dighe, Pranita Shind, Sumit Jogdand, RMD Sinhgad School of Engineering, Warje, Pune.

RMDSTIC-21-EN-133: "Feasibility Study on Treatment of Sugar Effluent Using Inverse Fluidised Bed Bioreactor", Harshwardhan Bhosale, Dr. Sameer Shastri, Prof. Appa M. Kale, Sinhgad College of Engineering, Vadgaon, Pune

RMDSTIC-21-EN-149: Developing Integrated Malaprabha Digester for Management of Kitchen Waste and Human Excreta, Chandrashekhar Parab , Dr. Sameer Shastri , Mrunal Meshram, Sinhgad College of Engineering, Vadgaon, Pune, India



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Track: General Science

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Session Chair

- 1. Dr Prashant P Chaudhari
- 2. Dr. P.Senthil Kumar

RMDSTIC-21-EN-109: "Study of Antimicrobial Activity of Leaves, Stem, And Flower of TRIDAX Procumbens (L)", Varsharani V. Ingole, Sushma R. Katade, Modern College of Arts. Science and Commerce, Savitribai Phule Pune University, Ganeshkhind, Pune, Maharashtra.

RMDSTIC-21-EN-122: "Organo metal intervened synthesis of (±) -Lipoic Acid", Anjali Sakpal, Rakesh Kumar, Shambhavi Ghotankar, Abhijeet N. Purude, Sinhgad College of Science, Pune,

RMDSTIC-21-EN-125: DNA Cryptography: A modified encryption and decryption algorithm", Dr. P. Senthil Kumar, S. Sasikala, Dr. N.G.P Institute of Technology, Coimbatore, Tamil Nadu

RMDSTIC-21-EN-134:" Lie Algebras and their Classifications", Antony P. V. Dr. Arihant Jain, Dr. APJ Abdulkalan University Indore, Madhya Predesh, India.

13.00 - 14.00

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Welcome speech:

Dr. Madhva Vaman Nagarhalli

Convenor Remarks:

Dr Pratibha Mahesh Alandkar.

Ms. Vina Madhavrao Lomte Dr. Snehal Ajit Bhosale

Ms. Sweta Rajesh Kale

Concluding Remarks:

Dr.Sheetal Ghorpade

Guest of Honor:

Dr.M.Muthukumar,

(M.Com, M.B.A, Ph.D)

(Head i/c, Director of Distance Education,

Maduari Kamaraj University)

Vote of Thanks -

Dr.Prakash Divakaran

(Conference Chairman & Director, Global Research Conference Forum)



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Acceptance of Paper ID: RMDSTIC - 21

1 message

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To: sarangp323@gmail.com, sonalfatangare.rmdssoe@sinhgad.edu, "RMD SSOE, Warje, Pune COMP. ENGG. Dept."

<comphod.rmdssoe@sinhgad.edu>

Cc: Dinesh Salunke dineshsalunke.rmdssoe@sinhgad.edu

Ref: Paper Acceptance and Invitation Letter

Paper ID: RMDSTIC-21-EN-097/01

Dear Krishna Tripathi,

Congratulations! We are delighted to inform you that your research paper (peer-reviewed) titled: "Voice Assistant of Automation of task using

AI & ML" has been accepted for presentation at the International Conference in Pune, India on the "RMD Sinhgad Technical Institutes Campus

International Conference on Innovative Practices in Engineering Technology and Business Management (RMDSTIC-2021)".

On behalf of the Organizing Committee, we take great pleasure in inviting you to present your research paper at the conference. The conference will be held from March 25-26th, 2021at Sinhgad Technical Educational Society's RMD Sinhgad Technical Institutes Campus, STES Warge Campus, Off Mumbai Bangalore Highway, S.No. 111/1, Warje, Pune — 411058, Maharashtra, India on Virtual Platform.

Kindly complete the payment formalities and send us the registration form on or before the deadline. Please note that you have been allotted ten minutes for a Virtual presentation and another five minutes for an interaction/Q&A session with the audience.

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has allended, participated and presented a paper at the above Conference.

Paper title ... Survey on Image Captioning using CNN and LSTM with Network Compression

Paper No. RMDSTIC-21-EN-060

Frack - General Science, IT, Computer Science, Emerging Engineering & Technologies

Conference Secretary
Dr. Swati Vijay

Dr. Swati Vijay
Dean, RMD Sinhgad School of
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