

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous NAAC Accredited Institute Affiliated to RGPV, Bhopal)

DEPARTMENT OF ELECTRONICS ENGINEERING

One Day Online National conference on “Role of Electronics Technologies in Societal Changes” (28th April. 2023)

Title of Conference: Role of Electronics Engineering in Societal Changes
Date of conference: 28th April, 2023
Mode of conduction: Online through Google meet platform/ offline
Name of Convener: Dr. P. K. Singhal,
Professor, Dept. of Electronics Engg., MITS
Name of Coordinator: Dr. Vandana V. Thakare,
HoD, Associate Professor, Dept. of Electronics Engg., MITS
Mr. Deep KishoreParsediya,
Assistant Professor, Dept. of Electronics Engg., MITS
No. of paper presented: 56

Details of session chair:

| S. No. | Session chair | |
|--------|------------------------|-----------------------|
| 1. | Dr. Deepak Batham | Dr. Hemant Chaubey |
| 2. | Prof. Madhav Singh | Prof. Pooja Sahoo |
| 3. | Dr. Karuna Markam | Dr. Laxmi Shrivastava |
| 4. | Dr. Hemant Chaubey | Dr. Deepak Batham |
| 5. | Dr. R. P. Narwaria | Prof. D. K. Parsediya |
| 6. | Dr. Sushmita Chaudhary | Dr. Shubhi Kansal |
| 7. | Dr. Varun Sharma | Dr. Rahul Dubey |
| 8. | Prof. D. K. Parsediya | Dr. R. P. Narwaria |
| 9. | Prof. Pooja Sahoo | Prof. Madhav Singh |
| 10. | Dr. Laxmi Shrivastava | Dr. Karuna Markam |
| 11. | Dr. Shubhi Kansal | Dr. SushmitaChaudhary |
| 12. | Dr. Vikas Mahor | Dr. Rahul Dubey |
| 13. | Dr. Rahul Dubey | Dr. Vikas Mahor |

Details of Reviewers: All faculty members of the department



Pro. Deep Kishore Parsediya
Coordinator



Dr. Vandana V. Thakare
Coordinator & HOD

Conference Brochure



Patron

Er. Ramesh Agrawal
Ex MLA and Secretary,
Scindia Engineering
College Society

Chairman

Dr. R. K. Pandit
Director

Convener

Dr. P.K. Singhal
Professor

Coordinators

Dr. Vandana V. Thakare
HoD, Associate Professor

Prof. D. K. Parsediya
Assistant Professor

Organising Committee

Dr. Laxmi Shrivastava
Dr. R.P. Narwaria
Dr. Karuna Markam
Prof. Madhav Singh
Prof. Pooja Sahu
Dr. Vikas Mahor
Dr. Sandeep Sharma
Dr. Rahul Dubey
Dr. Hemant Chaubey
Dr. Deepak Batham
Dr. Shubhi Kansal
Dr. Sushmita Chaudhary
Dr. Varun Sharma

Contact Address:

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M.I.T.S., Gwalior
Email: parsediya@mitsgwalior.in
Contact No - 8989474070

One Day Online National conference on "Role of Electronics Technologies in Societal Changes" (28th April, 2023)

Call-for-Papers

One Day Online National Conference on "Role of Electronics Technologies in Societal Changes" will be held on 28th April 2023. The conference is being organised by Department of Electronics Engineering, M.I.T.S., Gwalior. We would like to invite all scholars and experts to attend this online conference. The conference will include many online sessions on the topics listed below and some special sessions on emerging topics. Research papers with original work in all aspects of Electronics technologies are invited. The topics for regular sessions include, but not limited to the following fields:

- Solid state devices and circuits
- Low noise devices and techniques
- High power devices and techniques
- Monolithic devices and circuits
- Packaging, interconnects and MCMs
- Ferrite and SAW components
- Superconducting components and technology
- Microwave optical design
- Computer aided design and design automation
- Instrumentation and measurement techniques
- Electromagnetic field theory
- Computational Electromagnetic
- Microwave and millimetre wave antennas
- Smart antennas, phased and active arrays
- Scattering and propagation
- Data Communication
- Signal and Speech processing
- Computer networks
- Data mining
- Distributed & parallel computing
- Cloud Computing
- Security & cryptography
- Information security
- Remote sensing and sensors
- High speed digital circuits
- Submillimetre wave techniques
- EMI and EMC
- Photonics optics
- Wide band gap semiconductor devices
- Radar and broad band communication
- MEMS
- EBG, PBG, Metamaterials & other novel materials
- Signal processing
- Nano technology in processing of materials
- Antenna measurement
- Vehicular Antennas
- Smart antennas and arrays
- RFID technologies
- Wireless communication
- VLSI/Microelectronics
- Embedded applications
- Artificial intelligence & expert system
- Ubiquitous computing
- Web based software engineering
- Digital systems and logic design
- Compilers and interpreters
- Pattern recognition
- Fuzzy logic
- Wireless sensor networks

Paper Submission

Authors are invited to submit full paper in standard IEEE format. The authors need to submit paper through e-mail to retscapril2023@gmail.com. At least one author of each paper must be registered for the conference in order for the paper to be included in the proceedings of the conference. All accepted papers will be presented **ONLINE**.

Important Dates

| | |
|---|-----------------|
| Deadline for the submission of the paper: | April, 20, 2023 |
| Notification of Acceptance: | April, 25, 2023 |
| Conference Registration | April, 25, 2023 |
| Conference Dates: | April, 28, 2023 |

Registration Fee

There is **NO** registration fee for this conference and e-certificate will be issued to all participants after completion of their presentation.

Permission of the Event

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

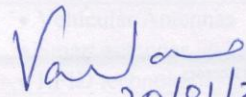
Department of Electronics Engineering

NOTESHEET

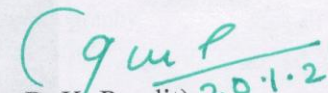
Date:-20/01/2023

The department of Electronics Engineering wishes to organize One Day Online National Conference on **“The Impact of Technological Innovation in Electronics Engineering on Society”** on 28th April 2023 through online platform Google meet/zoom etc. No financial implication is required for this conference.

Permission may kindly be granted to organize the online conference.


20/01/2023
(Dr. Vandana V. Thakare)
HoD

Submitted for kind approval,


20.1.23
(Dr. R. K. Pandit)
Director

Some Glimpses

meet.google.com/kft-sxww-jvw

Prayansh Shrivastava is presenting

Micro Strip Patch Antenna

Prayansh Shrivastava
0901EC201085
Electronics Department
MITS Gwalior
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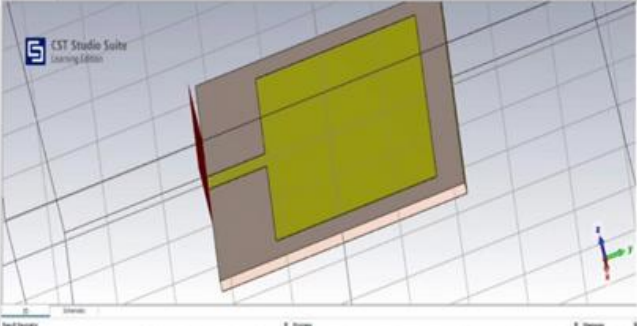
Rishi Chhabra
0901EC201094
Electronics Department
MITS Gwalior
Gwalior, India
chhabrarishi2001@gmail.com

Micro strip Patch Antenna is designed and investigated with and without slot using CST software. The

- Avoid combining SI and CGS units, such as current in amperes and magnetic field in oersteds. This often

4:31 PM | National conference RETSC (28th April, 2023)

Prayansh Shrivastava is presenting



provided by the drop down menu to differentiate the head from the text.

Text heads organize the topics on a relational, hierarchical basis. For example, the following text head:

with a ratio of quantities and units. For example, write "Temperature (K)", not "Temperature:K".

ACKNOWLEDGMENT (Heading 5)

4:31 PM | National conference RETSC (28th April, 2023)

4:04 PM | National conference RETSC (28th April, 2023)

| | | | | | |
|-----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|----------------------------|
| DR. KARUNA MARKAM | POOJA SAHOO | DR. R. P. NARWARIA | 0901T211045 RITESH MAHO... | Anshu Kushwaha | 0901ME211034 GAURAV SHA... |
| 0901ET211062 TAMANNA MA... | 0901AU191037 PRASHANT SH... | 0901ME201067 GAURAV SAG... | Sujan Singh Jadon | MADHAV SINGH | Abhishek Rajput |
| 0901AU191037 PRASHANT SH... | 0901EC211113 SHREYAM RAI | Dr. Jayanti Shrivastava Elex | Aman Goyal | 0901EC211125 TANYA RATHO... | CE203D08 Atul Singh jatav |
| 0901AU191003 ADARSH DWIL... | Manoj Kumar Golya | 0901ME211070 SANKET BISEN | 0901EC211009 ADITYA ARYA | You | |

Schedule for student paper presentation in online national Conference on “Role of Electronics Technologies in Societal Changes” on 28th April 2023

| S. No. | Name of Students | Enrollment No. | Session chair | Time Duration |
|---------------|--|--|--|----------------------|
| 1 | Ishan Mathur Divyansh Saxena Kartikey Chaturvedi Kaushal Mishra | 0901EC201054 0901EC201042 0901EC201056 0901EC201057 | Dr. Deepak Batham Dr. Hemant Chaubey | 11:00 – 11:15 |
| | Arya Singh Shruti Jain Shruti Sharma Mansharam | 0901ET201010 0901ET201054 0901ET201055 0901ET201034 | | 11:15 – 11:30 |
| | Satyam Pandey Himanshu Bhalekar Harish Shukla | 0901ET201051 0901ET201023 0901ET201021 | | 11:30 – 11:45 |
| | Ayush Baghel Isha Gupta Robin Rathore Himanshu Rai | 0901EC201033 0901EC201053 0901EC201095 0901EC201049 | | 11:45 – 12:00 |
| 2 | Vivek Kumar Amrawanshi Utkarsh Bohare Sagar Jaiswal Shubhansh Patel | 0901EC201136 0901EC213D02 0901EC201098 0901EC201117 | Prof. Madhav Singh Prof. Pooja Sahoo | 11:00 – 11:15 |
| | Anmol Soni Prajwal Malsure Kanchi Khandelwal Shubh Soni | 0901ET201007 0901ET201039 0901ET201031 0901ET201056 | | 11:15 – 11:30 |
| | Abhishek Pawar Divya Raje Pratap Surendra Kumar Rai | 0901EC201007 0901EC201041 0901EC201120 | | 11:30 – 11:45 |
| | Supriti Chakraborty Ambika Bansod Vinit Khandelwal Niharika Katiyar | 0901ET201060 0901ET201005 0901ET201068 0901ET201038 | | 11:45 – 12:00 |
| 3 | Manan Gupta Ishitva Shukla Aakanksha Gupta Suhani Kansal | 0901EC201064 0901EC201055 0901EC201001 0901EC201118 | Dr. Karuna Markam Dr. Laxmi Shrivastava | 11:00 – 11:15 |
| | Tanish Sagre Yash Deshmukh Rahul Brijpuriya Rajpal Singh Dawar | 0901ET213D02 0901ET213D03 0901ET201042 0901ET201043 | | 11:15 – 11:30 |
| | Varun Pratap Singh Bhadouria Siddharth Sharma Sumeet Jat Tushar Pandey | 0901EC201129 0901EC201113 0901EC201119 0901EC201124 | | 11:30 – 11:45 |
| | Muskan Shivhare Kalash Bhagwat Shivi Maurya Shivi Tomar | 0901ET201036 0901ET201029 0901ET201052 0901ET201053 | | 11:45 – 12:00 |

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|---|--|--|---|---------------|
| 4 | Pranav Soni Harsh Parihar Priyanshu Ayodhyawasi Raj Gupta | 0901EC201081 0901EC201046 0901EC201087 0901EC201090 | Dr. Hemant Chaubey Dr. Deepak Batham | 12:00 – 12:15 |
| | Hitesh Chouhan Utsav Singh | 0901ET201024 0901ET201063 | | 12:15 – 12:30 |
| | Vishal Pandey Shruti Jain Sarhthak Tripathi Tanay Jayaswal | 0901EC201134 0901EC201109 0901EC201104 0901EC201122 | | 12:30 – 12:45 |
| | Bhan Pratap Singh Utkarsh Raj Priyanshu Pathak | 0901ET201016 0901ET201062 0901ET201041 | | 12:45 – 01:00 |
| | Himanshi Singh Hitanshi Khaparde Prachi Gupta Prashant Soni | 0901EC201048 0901EC201051 0901EC201078 0901EC201083 | | 01:00 – 01:15 |
| 5 | Aryan Chourey Ashutosh Pandole Anand Rajput | 0901EC201028 0901EC201031 0901EC201020 | Dr. R. P. Narwaria Prof. D. K. Parsediya | 11:00 – 11:15 |
| | Jaydeep Sitole Siddharth Nirmale Divyansh Gour Janshul Sharma | 0901ET201028 0901ET201057 0901ET201018 0901ET201027 | | 11:15 – 11:30 |
| | Abhay Thakur Antesh Tiwari Naman Kumar Pandey Ashutosh Mishra | 0901EC201005 0901EC201024 0901EC201070 0901EC201030 | | 11:30 – 11:45 |
| | Aditya Narayan Shukla Anuj Sharma Himanshu Sahu Utkarsh Bhargava | 0901EC201011 0901EC201025 0901EC213D01 0901EC201126 | | 11:45 – 12:00 |
| 6 | Saksham Deolia Sambhav Agrawal Shashank Rathore Shivansh Nema | 0901EC201101 0901EC201103 0901EC201105 0901EC201108 | Dr. Sushmita Chaudhary Dr. Shubhi Kansal | 11:00 – 11:15 |
| | Govind Savita Ghanshyam Patidar Harshit Singh Tomar Vasudev Patidar | 0901ET201020 0901ET201019 0901ET201022 0901ET201065 | | 11:15 – 11:30 |
| | Aditi Tripathi Isha Tagai Ashutosh Pandey Pushpa | 0901EC201009 0901ET201025 0901ET201012 0901ET213D01 | | 11:30 – 11:45 |
| | Akshansh Sikarwar Omanjay Diwan Rahul Singh Rohit Thakur | 0901EC201016 0901EC201073 0901EC201089 0901EC201096 | | 11:45 – 12:00 |
| 7 | Aditya Yadav Aishwary Khare Ashutosh Upadhyay Omkar Pandey | 0901EC201012 0901EC201012 0901EC201032 0901EC201074 | Dr. Varun Sharma Dr. Rahul Dubey | 11:00 – 11:15 |
| | Somant Lodhi Yuvraj Bhojak Vijendra Johri Aditya Jatwa | 0901ET201059 0901ET201069 0901ET201066 0901ET201003 | | 11:15 – 11:30 |

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|-----|---|--|---|---------------|
| | Prateek Bansal | 0901EC201084 | | 11:30 – 11:45 |
| | Vikash Yadav Vivek Sharma Yash Agarwal Saksham Chaturvedi | 0901EC201131 0901EC201137 0901EC201138 0901EC201100 | | 11:45 – 12:00 |
| 8. | Rishi Chhabra Rhythm Agarwal Raj Pahariya Prayansh Shrivastava | 0901EC201094 0901EC201093 0901EC201091 0901EC201085 | Prof. D. K. Parsediya Dr. R. P. Narwaria | 12:00 – 12:15 |
| | Abhishek Tiwari Aditya Singh Gour Ashutosh Paliwal Simran Parmar | 0901ET201002 0901ET201004 0901ET201011 0901ET201058 | | 12:15 – 12:30 |
| | Gourav Chouhan Deepak Bhardwaj Gayatri Bhatam | 0901EC201045 0901EC201038 0901EC201044 | | 12:30 – 12:45 |
| | Utkarsh Tripathi Aditya Kohli Adesh Singh Tomar Vaibhav Sharma | 0901EC201127 0901EC201010 0901EC201008 0901EC201128 | | 12:45 – 01:00 |
| | Garvit Pandey Ayush Sharma Ayushman Dixit Ankit Verma | 0901EC201043 0901EC201034 0901EC201036 0901EC201022 | | 01:00 – 01:15 |
| 9. | Abhay Kumar Singh Aashu Dubey Pradyumn Kumar Bais Prakhar Dixit | 0901EC201004 0901EC201003 0901EC201079 0901EC201080 | Prof. Pooja Sahoo Prof. Madhav Singh | 12:00 – 12:15 |
| | Kshitiz Sharma Kratika Sharma Himanshu Yadav Vishnu Mishra | 0901EC201063 0901EC201061 0901EC201050 0901EC201135 | | 12:15 – 12:30 |
| | Prasann Shrivastav Abhay Soni Chetna Gaur Naman Bharadwaj | 0901EC201082 0901EC201006 0901EC201037 0901EC201069 | | 12:30 – 12:45 |
| | Jaishikha Sharma Sahil Vishwakarma Sagar Choudhary Vanshika Verma | 0901ET201026 0901ET201050 0901ET201049 0901ET201064 | | 12:45 – 01:00 |
| 10. | Aashi Goyal Anjali Rajput Ashish Shah Mohit Jaiswal | 0901EC201002 0901EC201021 0901EC201029 0901EC201067 | Dr. Laxmi Shrivastava Dr. Karuna Markam | 12:00 – 12:15 |
| | Abhishek Samadhiya Kamal Kishor Dhakad Karan Shrivastava Arihant Yadav | 0901ET201001 0901ET201030 0901ET201032 0901ET201009 | | 12:15 – 12:30 |

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|--|--|---|--|--|
| 11. | Aman Shivhare Aman Shukla Aman Upadhyay Akanksha Likhar | 0901EC201017 0901EC201018 0901EC201019 0901EC201015 | Dr. Shubhi Kansal Dr. Sushmita Chaudhary | 12:00 – 12:15 |
| | Aviral Sharma Naman Gupta Anshul Sahu Ketan Sisodiya | 0901ET201014 0901ET201037 0901ET201008 0901ET201033 | | 12:15 – 12:30 |
| | Siddhartha Singh Tom Anurag Sanodiya Shobhit Jain | 0901ET191065 0901ET191010 0901ET181052 | | 12:30 – 12:45 |
| | Ajmal Khan Anshul Harshana Deepansh Parashar | 0901EC201014 0901EC201023 0901EC201039 | | 12:45 – 01:00 |
| | Supriti Chakraborty Ambika Bansod Vinit Khandelwal Niharika Katiyar | 0901ET201060 0901ET201005 0901ET201068 0901ET201038 | | 01:00 – 01:15 |
| | Udayraj Singh Bhadoriya Prayansh Sijariya Shivansh Dwivedi | 0901EC201125 0901EC201086 0901EC201107 | | 01:15 – 01:30 |
| | 12. | Arinjay Jain Ashish Rathore Avantika Singh Jadaun Sakshi Tomar | | 0901ME201040 0901ME201043 0901EE201033 0901EE201105 |
| Ronit Yadav Rupesh Patel Sachin Patel Surya Pratap Singh P | | 0901ET201045 0901ET201047 0901ET201048 0901ET201061 | 11:15 – 11:30 | |
| Krishnapal Singh Sisodiya Imran Khan Abhishek Pawar Narayan Patidar | | 0901EC201062 0901EC201052 0901EC201009 0901EC201071 | 11:30 – 11:45 | |
| Palak Agarwal Vikram Singh Dangi Vidushi Garg Suryansh Maneshwar | | 0901EC201139 0901EC201132 0901EC201130 0901EC201121 | 11:45 – 12:00 | |
| Siddharth Singh Kushwah Saket Khare Sakshi Bhadoriya Nikita Vishwakarma | | 0901EC201114 0901EC201099 0901EC201102 0901EC201072 | 12:00 – 12:15 | |
| 13. | | Shubh Agrawal Shubh Chadar Piyush Kumar Gedam Ronak Rajoriya | 0901EC201110 0901EC201111 0901EC201077 0901EC201097 | Dr. Rahul Dubey Dr. Vikas Mahor |
| | Mridul Pandey Pankaj Singh Pandey Shikhar Gupta Tejasvi Sharma | 0901EC201068 0901EC201076 0901EC201106 0901EC201123 | 11:15 – 11:30 | |
| | Ashutosh Sharma Ayushraj Singh Bhada Chirag Singh Rudra Sikri | 0901ET201013 0901ET201015 0901ET201017 0901ET201046 | 11:30 – 11:45 | |
| | Keshav Soni Dhananjay Yadav Ayush Shrivastava | 0901EC201058 0901EC201040 0901EC201035 | 11:45 – 12:00 | |

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|--|---|--|--|---------------|
| | Siddhartha Kourav | 0901EC201112 | | |
| | Mangal Singh Kushwah Arjun Soni Mohmmad Azmat Khan Vikrant Singh Tomar | 0901EC201065 0901EC201026 0901EC201066 0901EC201133 | | 12:00 – 12:15 |



Prof. D. K. Parsediya
Coordinator



Dr. Vandana V. Thakare
H.o.D.