

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



DEPARTMENT OF ELECTRONICS ENGINEERING
NEWSLETTER

October-December-2019
Vol. No. 2/Issue 4

About the Department

The department of Electronics Engineering was established in 1981. The department offers two UG programmes with the intake of 120 students in Electronics Engineering and 60 students in Electronics and Telecommunication Engineering. Department offers two PG programmes with the intake of 18 students in M.Tech Microwave and intake of 25 students in M.E. Communication Control & Networking.

The faculty members are actively engaged in research in the area of Adhoc Networking, Image Processing, Wireless Communication, Microwave, and Antenna Theory. They have published numerous papers in National and International Journals. The alumni of the department have secured their places in the higher echelons of the society and technical world. A good number of students are going for higher studies for their MS, M.Tech, MBA and PhD. from different reputed institutes in India and abroad.

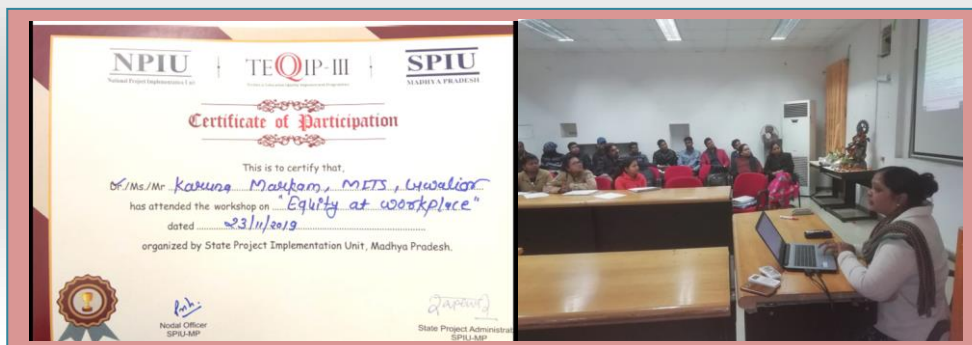


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FACULTY OUTREACH

1. Dr. Karuna Markam attended one day workshop on Equity at Workplace on 23/11/19 at State Project Implementation Unit, Bhopal, Madhya Pradesh.
2. Dr. Vandana Vikas Thakare delivered Expert talk on "Deep learning using R studio and MATLAB" at MANIT Bhopal on 26th December 2020.



FACULTY ACHIEVEMENT

1. ASIMOV Robotics Club under guidance of Dr. Karuna Markam awarded with certificate of Appreciation during academic session 2018-19.
2. Art Club under guidance of Prof. Pooja Sahoo awarded with certificate of Appreciation during academic session 2018-19.
3. IETE Student Forum and HAM Radio Society MITS Gwalior under guidance of Dr. Vandana Vikas Thakare awarded with certificate of appreciation for academic session 2018-19 on 14 November 2019 on the Occasion of MITS Sthapana Diwas.

NPTEL RESULTS

S. No.	Faculty Name	Topic	Award
1.	Dr. Laxmi Shrivastava	Microwave Theory and Techniques	Elite
2.	Dr. P. K. Singhal	Accreditation and Outcome Based learning	Elite+ Silver
		Microwave engineering	Successfully completed
		Stress Management	Elite
3.	Dr. Vandana Vikash Thakre	Microwave Theory and Techniques	Elite+ Silver
4.	Dr. Karuna Markam	Microwave Theory and Techniques	Elite
5.	Prof. Pooja Sahoo	Microwave engineering	Elite
		Gender Justice and workplace security	Elite
6.	Prof. Deep K. Parsediya	Microwave Theory and Techniques	Elite
7.	Prof. Arpita Singhal	Digital Circuits	Elite+ Silver (topper)
8.	Prof. Santosh Sharma	Patent Drafting for Beginner	Elite
		Fiber optics communication systems	Elite
9.	Prof. Rakesh Kumar Naik	Introduction to Research	Elite+ Silver
10.	Prof. Chaitanya Dhopte	Control Engineering	Elite
		Fiber optics communication systems and techniques	Elite

<p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to PRAMOD KUMAR SINGHAL for successfully completing the course Accreditation and Outcome Based Learning</p> <p>with a consolidated score of 79 % Online Assignments 18.67/25 Proctored Exam 60.75/75 Total number of candidates certified in this course: 2250</p> <p>Aug-Oct 2019 (8 week course)</p> <p>Prof. Adrijit Goswami Head, Continuing Education & NPTEL Coordinator IIT Kharagpur</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19GE18561420095</p>	<p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to VANDANA VIKAS THAKARE for successfully completing the course Microwave Theory and Techniques</p> <p>with a consolidated score of 80 % Online Assignments 24.69/25 Proctored Exam 55.5/75 Total number of candidates certified in this course: 280</p> <p>Jul-Oct 2019 (12 week course)</p> <p>Prof. Srihar Jyer Head, CEEEP & NPTEL Coordinator IIT Bombay</p> <p>Indian Institute of Technology Bombay</p> <p>Roll No: NPTEL19E57551420024</p>	<p>NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to KARUNA MARKAM for successfully completing the course Microwave Theory and Techniques</p> <p>with a consolidated score of 63 %</p> <p>Jul-Oct 2019</p> <p>Prof. Anoop N. Maheshde Head, Research, In-house & Faculty Development All India Council for Technical Education</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19E57551420032</p>
<p>NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to CHAITANYA DHOPTÉ for successfully completing the course Control Engineering</p> <p>with a consolidated score of 69 %</p> <p>Jul-Oct 2019</p> <p>Prof. Anoop N. Maheshde Head, Research, In-house & Faculty Development All India Council for Technical Education</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19EE42551420222</p>	<p>NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to CHAITANYA DHOPTÉ for successfully completing the course Fiber-Optic Communication Systems and Techniques</p> <p>with a consolidated score of 69 %</p> <p>Jul-Oct 2019</p> <p>Prof. Anoop N. Maheshde Head, Research, In-house & Faculty Development All India Council for Technical Education</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19EE67531420139</p>	<p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to POOJA SAHOO for successfully completing the course Gender Justice and Workplace Security</p> <p>with a consolidated score of 60 % Online Assignments 18.33/25 Proctored Exam 42/75 Total number of candidates certified in this course: 373</p> <p>Aug-Sep 2019 (4 week course)</p> <p>Prof. Adrijit Goswami Head, Continuing Education & NPTEL Coordinator IIT Kharagpur</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19HS7531420124</p>
<p>NPTEL-AICTE Faculty Development Programme (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to RAKESH KUMAR NAIK for successfully completing the course Introduction to Research</p> <p>with a consolidated score of 79 %</p> <p>Aug-Oct 2019</p> <p>Prof. Anoop N. Maheshde Head, Research, In-house & Faculty Development All India Council for Technical Education</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19GE21561420098</p>	<p>MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.) A Govt. Aided U.S.G. Autonomous & NAAC Accredited Institution, Affiliated to BOP, Bilaspur (M.P.)</p> <p>FOUNDER'S DAY- 14th November, 2019</p> <p>CERTIFICATE OF APPRECIATION</p> <p>This certificate is awarded to ASIMOV Robotics Club under the guidance of Dr/Prof. Karuna Markam (Faculty Coordinator) in appreciation of performance during the academic session 2018-2019.</p> <p>Dr. Manjaree Pandit Dean Academics</p> <p>Dr. Rajeev Kasnal Dean Student Welfare</p> <p>Dr. R.N. Pandit Director</p> <p>Indian Institute of Technology Guwahati</p> <p>Roll No: NPTEL19EE68541420073</p>	<p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to POOJA SAHOO for successfully completing the course Microwave Engineering</p> <p>with a consolidated score of 63 % Online Assignments 25.00/25 Proctored Exam 38.27/75 Total number of candidates certified in this course: 48</p> <p>Jul-Oct 2019 (12 week course)</p> <p>Prof. Hemant B Kaushik Head, Centre for Education Technology & NPTEL Coordinator IIT Guwahati</p> <p>Indian Institute of Technology Guwahati</p> <p>Roll No: NPTEL19EE68541420073</p>
<p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to DEEP KISHORE PARSEDIYA for successfully completing the course Microwave Theory and Techniques</p> <p>with a consolidated score of 69 % Online Assignments 24.38/25 Proctored Exam 44.25/75 Total number of candidates certified in this course: 280</p> <p>Jul-Oct 2019 (12 week course)</p> <p>Prof. Srihar Jyer Head, CEEEP & NPTEL Coordinator IIT Bombay</p> <p>Indian Institute of Technology Bombay</p> <p>Roll No: NPTEL19EE57551420238</p>	<p>Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)</p> <p>This certificate is awarded to ARPITA SINGHAL for successfully completing the course Digital Circuits</p> <p>with a consolidated score of 84 % Online Assignments 23.53/25 Proctored Exam 60/75 Total number of candidates certified in this course: 2864</p> <p>Jul-Oct 2019 (12 week course)</p> <p>Prof. Adrijit Goswami Head, Continuing Education & NPTEL Coordinator IIT Kharagpur</p> <p>Indian Institute of Technology Kharagpur</p> <p>Roll No: NPTEL19EE51541420020</p>	

STUDENT ACHIEVEMENT

- Anmol Soni EC second year have played state level table tennis tournament from Gwalior and winner in Gwalior nodal held at SATI Vidisha in 20-22, October 2019.
- Anshita singh ET 2nd year got GOLD medal in 800 meter and Bronze in 200 meter in athletics Nodals on 18th October 2019.

3. Utkarsh Shrivastava ET- 2nd year has successfully completed tasks for CASIO India during 1st august to 30th September 2019.
4. Utkarsh Shrivastava ET- 2nd year has successfully completed vocational training of two week in basic telecom with effect from 30 december 2019 at office of G.M.T.D, Jabalpur, BSNL.
5. Utkarsh Shrivastava ET- 2nd year has successfully secured Business Development (Sales) internship at the Smart Tree through Internshala on date 24 December 2019.
6. Utkarsh Shrivastava ET- 2nd year has successfully secured Campus Ambassador Internship at CASIO India company private limited through Internshala on 28 august 2019.
7. Jitendra Singh got Ist Position in Debate Competition “Should Technical Education be in Hindi” Organized by Department of Applied Science and Hindi Club MITS, Gwalior
8. Himanshu Gupta participate in Workshop on Recent Trends in AI, Deep Learning & its Applications Organized by Department of Computer Science & Engineering and Information Technology Gwalior.
9. Nancy Gupta, Shreya Jain Hansika Jain Ajay Kumar Giri Ankit Soni Workshop on “Phython & Robotics” Organized by MITS, Gwalior 28 Sept. 2019.
10. Parul Gupta Active member of Students Organizing Committee in Vikram Sarabhai Space Exhibition (VSSE) Organized by SAC-ISRO, Ahmedabad on 13-15th Oct 2019.
11. Nikhil Talreja got IIst Position in Debate Competition “Should Technical Education be in Hindi” Organized by Department of Applied Science and Hindi Club MITS, Gwalior
12. Harshad Gupta got IIIrd Position in Intercollege Nukkad Natak “Turyanad 2019” Organized by MANIT, Bhopal.
13. Shreya Jain participated in Debate Competition “Should Technical Education is in Hindi” Organized by Department of Applied Science and Hindi Club MITS, Gwalior on 20th Sept. 2019.
14. Shreya Jain participated in Workshop on “Embedded System, IOT, Robotics and Arduino” IEEE, and Department of CSE & IT, MITS Gwalior on 3rd Aug. 2019.

TOPPERS NAME

Student Name	Branch	CGPA
Pranav Mishra	ET-3 rd Year	8.94
Ajay kumar giri	EC-2 nd year	9.33
Vineesh modi	EC-2 nd year	9.33
Aman singh parihaar	ET-2 nd year	8.63
Priyanshi Parauha	EC-3 rd year	8.83
Moh. Aizaz Khan	EC-4 th year	9.04
Medhavi Mahendra	ET-4 th year	8.65
Akansha Gupta	ME-CCN	8.4
Spana Kumari	M.TECH-MW	7.8

Congratulations....

BEST PERFORMANCE IN NPTEL

Student Name	Topic	Award
Ankit Shukla	Programming in JAVA	Gold medalist (90%)
Ankit Shukla	C programming and assembly Language	Gold medalist (94%)
Ankit Shukla	Digital Circuit	Silver medalist (83%)
Nancy Gupta	Fundamentals of Electronic Device Fabrication	Elite + Silver (79%)
Vimal Singh	Digital Circuits	Elite (65%)

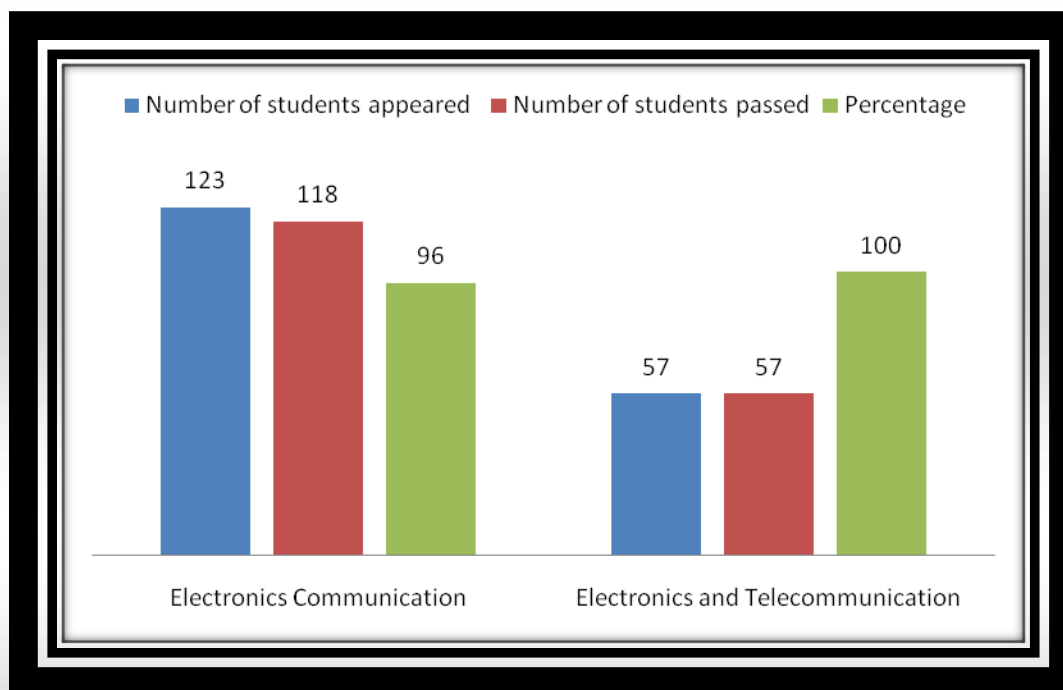
Congratulations....

Student Club/Chapter Activities Organized

1. Art club organized a college level competition on 'Khayaali picture' for the students on date 12 October 2019.
2. Art club organized a college level competition on 'Untrash' for the students on date 12 October 2019.
3. Expert talk by Mr. Chakravarti Das, Symbiosis Pune, Ex HR of Wipro and Infosys deliver lectures on 'Art of Mediation and impact on education and personality' development under Art Club.
4. ASIMOV Robotics club organized one day workshop on 'Robotics and CODING-PYTHON' in association with IIT Bombay on 28/09/2019.



RESULT ANALYSIS REPORT (BATCH: 2015-19)



RESEARCH PUBLICATION

1. Vivek Kumar, D. K. Parsediya published paper on "Design and Simulation of Spoon Shaped Antenna using DGS" in International Journal of Engineering and Advanced Technology (IJEAT) Volume-9, Issue-2 December, 2019.

2. Akansha gupta, Laxmi Shrivastava, Santosh Sharma published paper on “Design of truncated square microstrip array antenna for Energy harvesting” in International Journal of Broadband Cellular Communication Vol. 5 Issue 2, December 2019.
3. Renu Singh, Rekha Gupta, Santosh Sharma published paper on “A Noble Approached Using NPIE MILLS Based On Underwater Image Enhancement” International Journal of Telecommunications & Emerging Technologies,(IJTET), Vol-5,issue-2 December 2019
4. Sonal Gupta, Ravindra Pratap Narwaria published paper on “K medoid Clustering in Wireless Sensor network using a constant threshold” International Journal of Recent Technology and Engineering (IJRTE) Vol. 8, issue 4, November 2019.
5. Awdhesh Gupta, Juhi Afridi, Shikha Shrivastav, Vandana Vikas Thakare published paper on published paper on “A two variable adjustable window function approach to design FIR Filter” International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2019)” November 2-3, 2019 at MITS, Gwalior.
6. Anshul Agarwal, Vandana Vikas Thakare, P.K.Singhal, published paper on “Wideband Crossed Dipole Antenna for Base Station Antenna”, International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2019)” November 2-3, 2019 at MITS, Gwalior.
7. Priyanka Bhadoriya and Vandana V Thakare published paper on “A Dual-band Aeroplane Shaped Dipole Antenna for GSM Application” International Journal Of Research And Analytical Reviews (IJRAR) Vol 6, No 2, pp. 427-430,Sept 2019
8. Priyanka Bhadoriya and Vandana V Thakare published paper on “Designing of Cross Dipole Antenna for L-Band Applications”, International Journal of Emerging Technologies and Innovative Research Vol.6, Issue 6, page no.638-641, Sept. 2019
9. Abhilasha Sharma, Dr. Rekha Gupta and Dr. Sarita S. Bhadauria published paper on “Image I Image Compression and Sparsity Measurement by using Multilevel and Different Wavelet Functions” Proceeding Palla Palladam, Coimbatore IEEE, 3rd International conference on ISMAC (IOT in Social, Mobile, Analytic and Cloud), 12-14, December, 2019.
10. Deepak Batham, D. S. Yadav published paper on “A weight function RSA strategy based on path length and bandwidth demand for static traffic in elastic optical network” International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2019) November 2-3, 2019 at MITS, Gwalior.

TEAM NEWSLETTER

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2. Utkarsh Shrivastava ET-2nd Year