

**A Report**

On

**Short-Term Course**

**BioElectric Signals and Medical Imaging: Post Processing & Clinical  
Application**

(26 Febuary-08 March 2019)

Under

**TEQIP-III**

**Course Organized by: -**

Madhav Institute of Technology and Science,  
Race Course Road, Gole ka Mandir,  
Gwalior - 474005, Madhya Pradesh, India

1. Name of the Department/Section:

**Department of Electrical Engineering**

2. Name of the Activity:

**BioElectric Signals and Medical Imaging: Post Processing & Clinical Application**

3. Date & Duration of activity:

**26 Febuary-08 March 2019**

4. Approved Note sheet:

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

No.: 05

Date: 01.01.2019

**ORDER**

With reference to Order No. 1024 dated 07.04.2018 from the office of the Director, regarding submission of proposals for the conduction of QIP Courses in the year 2018-19, proposals were received for further submission of proposals to AICTE for consideration. The AICTE has approved the conduction of following courses in the year 2018-19 under the AICTE-QIP Scheme.

Sr. No.	Department	Broad Area	Title	Dates	Duration	Coordinator(s)
1.	Mechanical Engineering	Thermodynamics and Heat Transfer	Thermodynamics and its applications to solar Energy Systems Design	09.01.2019-18.03.2019	Two Weeks	Dr. M K Gaur, Dr. C S Malvi
2.	CSE/IT	Data Mining and Image Processing	Intelligent Computing Techniques in Data Mining & Image Processing	01.02.2019-05.02.2019	One Week	Dr. Akhilesh Tiwari, Prof. Punit Jobri
3.	CSE/IT	Computer Graphics, Multimedia and Image Processing	Trends and Techniques in Image Processing, Multimedia and Security Issues	15.03.2019-19.03.2019	One Week	Dr. Manish Dixit, Prof. Jaimala Jha
4.	Institute Level	Sustainable Development	Sustainable Development: Methods and Practices	21.02.2019-25.02.2019	One Week	Dr. Rajeev Kansal, Dr. C S Malvi
5.	Electronics Engineering	Microwave Engineering	RF and Microwave Antennas	05.01.2019-09.01.2019	One Week	Dr. P K Singhal, Dr. V. V. Thakre
6.	Electrical Engineering	Interdisciplinary	Optimization Techniques using Nature Inspired Algorithms for Engineering Applications	13.02.2019-17.02.2019	One Week	Dr. Laxmi Srivastava
7.	Electrical Engineering	Electrical Engineering	Bio Electric Signals & Medical Imaging: Post Processing & Clinical Applications	28.01.2019-08.02.2019	Two Weeks	Dr. Arun Kumar Wadhvani
8.	Applied Science	Nanotechnology	Faculty Development Program (FDP) in Nanotechnology	14.02.2019-18.02.2019	One Week	Dr. Abhay Mishra
9.	MCA	Artificial Intelligence	Artificial Intelligence and Machine Learning	12.02.2019-16.02.2019	One Week	Dr. R S Jadon



All above coordinators are required to conduct the proposed QIP courses, as per specified schedule and QIP/Institute norms, with prior permission from undersigned for administrative/financial matters.

  
(Dr. R. K. Pandit)  
DIRECTOR  
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Copy to:

- (i) Concerning Faculty Members (Coordinators),
- (ii) Concerning Head of the Department,
- (iii) QIP Coordinator

5. Photos of the brochure:

<p><b>Application Form</b></p> <p>AICTE-QIP Sponsored Short Term Course on <b>Bio Electric Signals &amp; Medical Imaging: Post Processing &amp; Clinical Applications</b> (26<sup>th</sup> Feb -08<sup>th</sup> March, 2019)</p>	<p><b>About The MITS</b></p> <p>The Madhav Institute of Technology and Science, Gwalior was established by His Highness Late Sir Jiwaji Rao Scindia, Maharaja of Erstwhile state of Gwalior, with an aim to create world class quality engineers and Technocrats capable of providing leadership in all spheres of life and society.</p> <p>Since the inception, the Institute has constantly strived for excellence and quality. Today the Institute enjoys a track record of extremely good results. Needless to say our commitment to further enrich the quality of education will be our constant feature and our commitment.</p> <p><b>Location</b></p> <p>The Institute is located on Agra - Bombay Road (NH - 3 ) &amp; is approximately 320 km from Delhi. Gwalior Railway station is halt for most of south bound trains from Delhi. The Institute is located in the heart of city and is at a distance of about 3 km from Gwalior Bus Stand/ Gwalior Railway Station.</p> <p><b>Vision of Department</b></p> <p>To Educate and Prepare World Class Engineers for Global and Social Technological Demands</p> <p><b>Mission of Department</b></p> <ul style="list-style-type: none"> <li>To strive for excellence in teaching and research and to promote academic growth by offering state-of-the-art undergraduate, postgraduate and doctoral programmes</li> <li>To generate new knowledge by engaging in cutting-edge research for overall development of students and society</li> <li>To identify areas of specialization based on an informed perception of regional, national and global needs</li> <li>To undertake collaborative projects which offer opportunities for long-term interaction with academia and industry</li> </ul>	<p>AICTE-QIP Sponsored</p>  <p><b>TWO-WEEK SHORT TERM COURSE</b></p> <p>On</p> <p><b>Bio Electric Signals &amp; Medical Imaging: Post Processing &amp; Clinical Applications</b> (26<sup>th</sup> Feb -08<sup>th</sup> March, 2019)</p> <p><i>Course Coordinators</i> <b>Dr. A.K. Wadhvani Dr. Sulochana Wadhvani</b></p> <p><b>Organized By</b></p>  <p><b>Department of Electrical Engineering MADHAV INSTITUTE OF TECHNOLOGY &amp; SCIENCE GWALIOR, M.P. 474005</b> <small>(A GOVT. AIDED UGC AUTONOMOUS &amp; NAAC ACCREDITED INSTITUTE, ESTABLISHED IN 1957)</small> <a href="http://www.mitsgwalior.in">www.mitsgwalior.in</a></p>
<p>Name : .....</p> <p>Designation:.....</p> <p>Organization:.....</p> <p>Department:.....</p> <p>Address for Correspondence.....</p> <p>.....</p> <p>E-mail:.....</p> <p>Mobile.....</p> <p>Accommodation: Required /Not required</p> <p>Signature with Date: .....</p> <p><b>SPONSORSHIP CERTIFICATE</b></p> <p>It is certified that our Institute is recognized by AICTE. The applicant is hereby sponsored and will be permitted to attend the above STC, if selected.</p> <p>Date: ..... Signature and Seal of Place:..... the Sponsoring authority</p> <p><small>(completed application form in all respects is to be sent by Email)</small></p>		

6. Photos of the short-term course:





*Jasmy*

*Srivastava*

Dr. Laxmi Srivastava  
Prof. and Head, EED