



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

Agenda of the Internal Quality Assurance Cell (IQAC) Meeting on 30th May 2018

Item-1	<p>Compliance status and confirmation of minutes of previous meeting held on 24.02.18</p> <p>The action taken/compliance report is enclosed, shared on e-mail with all members and has been uploaded on the website. Compliance on following 17 points was sought from the departments:</p> <ul style="list-style-type: none">• Project coordinator appointment• List of Industry focussed/useful to society projects identified by the department• MoU signed with industry• Name of agency/institute/organization with whom department collaborated (Mention the nature of collaboration, List of activities conducted etc.)• Student participation in Technical Events at other institute/organization• Feedback taken from parents• A comprehensive summary of the feedback analysis & action taken report (ATR)• Summary of attainment of COs, POs, PEOs (Give numeric attainment values for each course and semester for November December 2017 exam in tabular form)• Uploading learning material, (question banks, tutorials, notes, PPTs, previous year question papers to be uploaded on MOODLE; Course wise, class wise for ongoing semester including GATE questions)• Number of faculty members who have given presentation in the department (after attending any Course/conference/seminar/workshop etc)• Additional courses/workshops conducted for students (Based on student requirements: such as MATLAB, JAVA, Application development etc)• Number of research proposals submitted to external funding agencies (Give numbers and details)• Workshops conducted on 'Intellectual Property Rights' for faculty & UG/PG students (Give details)• Internal Resource Generation• Initiatives taken/planned for Extension activities• Name of the alumni coordinator (Initiatives taken to build an alumni network at department)• Best Practices developed (Distinct feature of department) <p>The compliance reports from departments to be discussed.</p> <p>Submitted for Confirmation</p>
Item-2	<p>To discuss conduction of 'Value Added Courses' imparting transferable and life skills for Curriculum Enrichment</p> <p>Holistic development of students is the main purpose of curriculum. While this is attempted through prescribing dynamic and updated curricular inputs, it is expected to have provision for added courses and activities which may not be directly linked with discipline of study but contribute to sensitizing students to cross-cutting issues relevant to the current pressing concerns both nationally and internationally such as gender, environment and sustainability, human values and professional ethics, development of creative and divergent competencies. Value added courses empower students and enhance the curriculum by amplifying, supplementing and replacing obsolete sections.</p>

Item-3	To discuss mechanism for providing preliminary support to start-ups/Innovative Ideas
Item-4	<p>To discuss the appointment/engagement of Adjunct Faculty/ Resource Persons from Industry</p> <p>To develop a useful and viable collaboration between the educational Institutions and Industry, to enhance quality of education and skills by involvement of academicians, scholars, practitioners, policy makers in teaching, training, research, and related services on a regular basis and to attract distinguished individuals who have excelled in their field of specialization.</p>
Item 5-	<p>To apprise the house about new programmes approved by AICTE</p> <ul style="list-style-type: none"> • New PG programme in Product Design (Intake: 18) • Bachelor of Vocation (B. VOC) in Automotive Manufacturing Technology (Intake: 25) • Bachelor of Vocation (B. VOC) in Graphics and Multimedia (Intake: 25) • Bachelor of Vocation (B. VOC) in Travel And Tourism (Intake: 25) • Bachelor of Vocation (B. VOC) in Medical Imaging Technology (Intake: 25)
Item 6-	<p>To apprise and report the house on Faculty Training Programmes organized under QIP, GIAN schemes of MHRD and under TEQIP-III</p> <p>The Institute organised one programme under the Global Initiative of Academic Networks (GIAN) scheme</p> <ul style="list-style-type: none"> ➤ Two-week Short term course on Sustainability in the Built Environment was organised by the Institute under the aegis of Global Initiative of Academic Network, an initiative of Human Resource Development, Govt. of India during 19th -30th March 2018. ➤ Dr. Usha Iyer-Raniga (Foreign Expert), Associate Professor and Deputy Head, International, School of Property and Construction Management, RMIT University, Melbourne, Australia. Prof. Roshni Udyavar Yehuda(Indian Expert), Vice President, Sustainability, ICMQ Certification India Pvt. Ltd. and Dr. R. K. Pandit (Faculty from Host Institution), Director, MITS Gwalior & GIAN Course Coordinator were faculty for the short Term Course. ➤ Total 29 participants from IIT, other reputed Institutions and the host institute attended this two-week short term course. <p>The Institute organised the following AICTE-QIP Sponsored faculty training programmes</p> <ul style="list-style-type: none"> ➤ One-Week Short Term Course on “Assuring Global Quality in Technical Education through Outcome Based Education” during 10-14 March 2018 by IQAC of Institute. (35 participants) ➤ One-Week Short Term Course on “Numerical Methods in Electromagnetics” during 27- 31 January 2018 by Department of Electronics Engineering. (31 participants) ➤ One-week faculty development program (FDP) on “Optimization Techniques and its Engineering Applications” during 15-19 March 2018 by Department of Mechanical Engineering. (31 participants) <p>The Institute organised the following programmes under TEQIP-III</p> <ul style="list-style-type: none"> ➤ CSE/IT department organised a workshop on "Big Data & Hadoop" during 20-21 March 2018 under TEQIP-III: (65 participants) ➤ IET Student Chapter Organised a Students’ Sabha & One day workshop on Artificial Intelligence on 17th March 2018 under TEQIP-III: (80 participants) ➤ A one-day workshop on Net Zero Buildings was organized on 20th March 2018 (28 participants)

Item -7	<p>To apprise the house about the modules developed for the Summer Internship Programme for First year students</p> <ul style="list-style-type: none"> ➤ Total 42 modules have been prepared by the faculty members of different departments to impart practical /hands-on training to students for their skill up gradation in various areas. ➤ The internship programme will consist of 60 hours training; these modulest will run for 15 days, 4 hours daily and approximately 30 students will be permitted in each module. 																						
Item -8	<p>To apprise the House about opportunities provided for self learning (Implementation of on-line learning platforms such as SWAYAM (Study Web of Active learning by Young and Aspiring Minds)</p> <ul style="list-style-type: none"> ➤ To motivate students for self learning and to conduct the on-line classes using the NPTEL portal, one SWAYAM Manager and a team of ten Swayam Coordinators were appointed in October 2017. ➤ With effect from January 2018 session, one SWAYAM course is being conducted against the self study/seminar/GD slot on trial basis (Registration is mandatory; appearing for on-line exam is optional) ➤ The following evaluation guidelines were employed: <ol style="list-style-type: none"> a. Continuous evaluation by the teacher(s) of the course through (Seminar/Presentation/Group assignments) (Weightage of Marks: 40%) b. Evaluation through ONE Midterm Exam (Weightage of Marks: 20%) c. ONE Quiz through Institute MOODLE (Weightage of Marks: 20%) d. Monitoring and record of attendance (Weightage of Marks: 20%) <p>The summary of on-line Courses through SWAYAM/NPTEL courses conducted in the institute</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: right;">2019</td> </tr> <tr> <td>Total number of students enrolled/registered in MITS</td> <td style="text-align: right;">11</td> </tr> <tr> <td>Total number of departments participated in NPTEL</td> <td style="text-align: right;">25</td> </tr> <tr> <td>Total number of NPTEL courses run by the various departments</td> <td style="text-align: right;">60</td> </tr> <tr> <td>Total number of faculty/SME's registered for NPTEL courses</td> <td style="text-align: right;">138</td> </tr> <tr> <td>Total number of students filled NPTEL exam registration form</td> <td style="text-align: right;">130</td> </tr> <tr> <td>Number of students appeared in Exam</td> <td style="text-align: right;">119</td> </tr> <tr> <td>No of students qualified (92%)</td> <td style="text-align: right;">03</td> </tr> <tr> <td>Elite + Gold Medal (score of 90% and above)</td> <td style="text-align: right;">80</td> </tr> <tr> <td>Elite (score between 60% -89%)</td> <td style="text-align: right;">36</td> </tr> <tr> <td>Successfully completed the course (score between 40% -59%)</td> <td style="text-align: right;"></td> </tr> </table>		2019	Total number of students enrolled/registered in MITS	11	Total number of departments participated in NPTEL	25	Total number of NPTEL courses run by the various departments	60	Total number of faculty/SME's registered for NPTEL courses	138	Total number of students filled NPTEL exam registration form	130	Number of students appeared in Exam	119	No of students qualified (92%)	03	Elite + Gold Medal (score of 90% and above)	80	Elite (score between 60% -89%)	36	Successfully completed the course (score between 40% -59%)	
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Item -9	<p>To apprise the House about the sports events & activities conducted by professional society chapters/students clubs etc. during the session</p> <p>A total of 86 activities were conducted in the Academic Year 2017-18. The details are:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>ASIMOV Robotics Club</td> <td style="text-align: right;">07 activities</td> </tr> <tr> <td>Animation Club</td> <td style="text-align: right;">01 activity</td> </tr> <tr> <td>Arts Club</td> <td style="text-align: right;">04 activities</td> </tr> <tr> <td>Analytics Club</td> <td style="text-align: right;">01 activity</td> </tr> <tr> <td>Chemical Engineering Club</td> <td style="text-align: right;">01 activity</td> </tr> <tr> <td>CLICK (CSE/IT Emerging Technology)</td> <td style="text-align: right;">03 activities</td> </tr> <tr> <td>CINEMATOGRAPHY CLUB</td> <td style="text-align: right;">02 activities</td> </tr> </table>	ASIMOV Robotics Club	07 activities	Animation Club	01 activity	Arts Club	04 activities	Analytics Club	01 activity	Chemical Engineering Club	01 activity	CLICK (CSE/IT Emerging Technology)	03 activities	CINEMATOGRAPHY CLUB	02 activities								
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	<p>Career Counselling Club 01 activity</p> <p>Digital Learning Group 02 activities</p> <p>Dance Club 01 activity</p> <p>HAM Radio 03 activities</p> <p>Higher Education Club 01 activity</p> <p>Internship Support Club 02 activities</p> <p>Literary Club 02 activities</p> <p>MITS Journalism Society 06 activities</p> <p>MITS CODE WAR 01 activity</p> <p>Meditation and Art of Living Club 02 activities</p> <p>Music Club 02 activities</p> <p>MITS AID 03 activities</p> <p>October Sky (Rocket club) 02 activities</p> <p>Photography Club 04 activities</p> <p>Society of Personality Development Club 02 activities</p> <p>Terrestrial Automobile Development Club 01 activity</p> <p>Webbers Club 01 activity</p> <p>Yoga Club 02 activities</p> <p>Sports Club 05 activities</p> <p>IETE Student Chapter 04 activities</p> <p>Charity Club and IEEE Student Chapter 06 activities</p> <p>ISTE Students' Chapter 05 activities</p> <p>ACM Student Chapter 02 activities</p> <p>➤ Sports Activities & Achievements</p> <p>(i) Winner of Inter Collegiate Volleyball Tournament</p> <p>(ii) Winner of Inter Collegiate Badminton Tournament(Both Men's and women's)</p> <p>(iii) Winner of Inter Collegiate Football Tournament</p> <p>(iv) Winner of Inter Collegiate Chess Tournament</p> <p>(v) Winner of Inter Collegiate Table Tennis Tournament</p> <p>(vi) Runners up at Inter Collegiate Cross Country race</p> <p>(vii) Runners up at State level Basketball Tournament</p> <p>(viii) Winner of Nodal level Basketball tournament (Both Men's and women's)</p> <p>➤ Initiation of the Rotaract Club in the institute</p> <ul style="list-style-type: none"> • The Rotaract Club (a service club and partner organization of the international body 'The Rotary Club') was started in the institute on 28th May 2018. • It is a service, leadership, professional and community service organization for young men and women between the ages 18–30. It focuses on the development of young adults as leaders in their communities and workplaces.
Item -10	Any other matter with the permission of the Chair