



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Maharishi Markandeshwar University
(Deemed to be University u/s 3 of the USC Act, 1956)
Mullana-Ambala, Haryana as
Accredited
with CGPA of 3.06 on four point scale
at A grade
valid up to November 15, 2020*

This is subject to the result of the WP No. 142 of 2006 of the Hon'ble Supreme Court of India

Date : November 16, 2015



DP Singh
Director





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Quality Profile

Name of the Institution : Maharishi Markandeshwar University
Place : Mullana-Ambala, Haryana

Criteria	Weightage (W_i)	Criterion-wise Weighted Grade Point (Cr WGP _i)	Criterion-wise Grade Point Averages (Cr WGP _i / W_i)
I. Curricular Aspects	150	470	3.13
II. Teaching-Learning and Evaluation	200	610	3.05
III. Research, Consultancy and Extension	250	730	2.92
IV. Infrastructure and Learning Resources	100	370	3.70
V. Student Support and Progression	100	300	3.00
VI. Governance, Leadership & Management	100	310	3.10
VII. Innovations and Best Practices	100	270	2.70
Total	$\sum_{i=1}^7 W_i = 1000$	$\sum_{i=1}^7 (Cr WGP_i) = 3060$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{3060}{1000} = \boxed{3.06}$$

Grade = **A**

Descriptor = **VERY GOOD**

This is subject to the result of the WP No. 142 of 2006 of the Hon'ble Supreme Court of India

Date : November 16, 2015



D. Pruthi
Director

- This certification is valid for a period of Five years with effect from November 16, 2015
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer

**PEER TEAM REPORT ON
INSTITUTIONAL ACCREDITATION OF
MAHARISHI MARKANDESHWAR UNIVERSITY
(Deemed to-be University)
MULLANA (Vi.), AMBALA: Pin: 133 207 State: Haryana**

<i>Section I: GENERAL</i>	<i>Information</i>
1.1 Name & Address of the Institution:	Maharishi Markandeshwar University (Deemed to-be University), Mullana (Vi.), Tehsil: Barara AMBALA – 133 207, Haryana.
1.2 Year of Establishment:	12 th June, 2007
1.3 Current Academic Activities at the Institution (Numbers):	
<ul style="list-style-type: none"> • Faculties/ Schools: 	11 [Health Sciences:6; Engineering: 1; Computer Technology & Management: 3; Law: 1;]
<ul style="list-style-type: none"> • Departments/ Centres: 	Departments: 47; Research Centres: 2
<ul style="list-style-type: none"> • Programmes/ Courses offered: 	Total: 142 [UG: 27; PG: 75; Ph. D: 22; Diploma: 8 ; Other Diploma: 5; Certificate: 2; Others (Integ. Masters:2)
<ul style="list-style-type: none"> • Permanent Faculty Members: 	Sanctioned: 752; Filled: 752;
<ul style="list-style-type: none"> • Permanent Support Staff: 	1591 (Technical staff: 896; Non Teaching Staff: 695)
<ul style="list-style-type: none"> • Students: 	Total: 762 [UG: 5677; PG: 1412; Ph. D: 338; Diploma: 176; Other Diploma: 26; Certificate: 0; Integrated Masters:0]
1.4 Three major features in the institutional Context (As perceived by the Peer Team):	<ul style="list-style-type: none"> ➤ Initially started as self financing Engineering College, (1995), other Colleges were established over the period, before becoming a Deemed to-be University in 2007. ➤ University and all the constituent colleges are located in rural area and all the courses are 'self-financing'. ➤ There is a 3 star hotel with in the [premises of Institute of Hotel Management.
1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	29 th – 31 st October, 2015
1.6 Composition of the Peer Team which undertook the on- site visit:	
Chairperson	Prof. (Dr.) Asok De, Director, National Institute of Technology, Patna – 800 005, Bihar
Member Co-ordinator	Dr. G.N.V. Brahmam (Former Deputy Director (Sr. Gr.), Scientist 'F' , NIN, ICMR), Res.: Plot No. 19, H.No.: 8-25/3, Road No.1, Hemanagar Colony, Uppal (P.O.), Hyderabad - 500 039, Telengana
Member	Prof. Kanika Sharma (Prof. & HoD Botany, University College of Science, M.L.S. University), 23-Old Fatehpura, Near Seva Mandir, Udaipur - 313 001, Rajasthan.

Member	Dr. Jiban Misra, Professor, "Ashirbad", P-9 C.I.T. road, Scheme VI-M, Kolkata – 700 054, West Bengal.
Member	Prof. S.C. Bagri, (Former Vice Chancellor, Himgiri Zee University, Dehradun) Professor, Center for Mountain Tourism and Hospitality Studies, Coordinator MBA, Dept. of Business Management, HNB Garhwal Univdersity, Chauras Campus, Kilkeshwar (P.O.), Via Kritinagar, Tehri Garhwal - 249 161, Uttara Khand.
Member	Dr. A.V. Prasada Rao, (Former Rector, Andhra University), Flat No. 4, Prince Apartments, Kirlampudi Layout, Visakhapatnam - 530 023, Andhra Pradesh.
Member	Prof. (Dr.). Vilas Kharat, Prof. & Head of Department of Computer Science, University of Pune, Pune - 411 007, Maharashtra.
Member	Prof. (Dr.). N.K. Jain, Emeritus Fellow, (U.G.C.), School of Pharmacy, Rajiv Gandhi Technical University, Airport Bypass, Road, Gandhi Nagar, Bhopal – 462 036, Madhya Pradesh.
Member	Prof. S.K. Satsangi, Dept. of Ophthalmology, S.N. Medical College, Agra – 282 003, Uttar Pradesh.
Member	Prof. (Dr.). Varinder Sahni, (Former Director, SLIET & Former Principal, State Engg. College), Professor, Dept. of Mechanical Engg., Sant Longwal Inst. of Engg. & Technology (SLIET), Deemed University, Longwal, Sangrur – 148 106, Punjab.
Member	Dr. Bharat Shah, Dean, B.J. Medical College, 106, Kalash Apartments, opp. C. N. Vidyalaya, Ambavadi, Ahmedabad – 148 106, Gujarat.
Member	Dr. S.P. Srivastava, (Former Prof., Patna Medical College), S-104, Budha Marg, Udaigiri, Patna – 800 001, Bihar.
NAAC Co-ordinating Officer:	Dr. (Mrs.). Rama, Deputy Advisor, NAAC, P.O. Box No.: 1075, Opp. to NLSIU, Bangalore University Campus, Nagarbhavi, Bangalore – 560 072, Karnataka.

Section II: CRITERION WISE ANALYSIS

2.1 Curricular Aspects:	
2.1.1 Curricular Design and Development	<ul style="list-style-type: none"> ➤ Curriculum design and development of the University is in accordance with requirements laid down by the statutory bodies such as UGC, AICTE, MCI, DCI, IAP & INC. ➤ Inputs from all the stakeholders such as students, parents, industry, faculty and academia are considered while framing/revising the curricula. ➤ The process starts at faculty level, goes through BoS, before finally approved by the Academic Council at the University level.
2.1.2 Academic Flexibility	<ul style="list-style-type: none"> ➤ Provision for lateral and vertical mobility exists in some programmes like B.Tech, MBA, MCA, B.Pharm etc. ➤ As per the recent guidelines of UGC, the University has initiated the process of introducing CBCS in some courses, to start with B.Sc (Medical/non-medical) & B.Com . ➤ Programmes under medical, dental Nursing disciplines are based on annual system (39.5%). The rest are all based on semester system (60.5%).
2.1.3 Curriculum Enrichment	<ul style="list-style-type: none"> ➤ Curricula are reviewed every year, keeping in view the requirements of industry and emerging needs of the society. ➤ Keeping in tune with the changing needs of the global market, industry and health needs of the community, several new academic programmes (UG: 4; PG:8) have been introduced in the past 4 years. ➤ The colleges provide value based education through courses such as Personality Development, Environmental studies, Rational Drug Use, Employability Skills, Communication skills in English etc.,.
2.1.4 Feedback System	<ul style="list-style-type: none"> ➤ Structured formats are used to obtain feedback from students for curricular improvement. ➤ Informal feedback is also obtained from renowned faculty members from premier institutes and R&D institutes. ➤ Online feedback system is available.
2.2 Teaching-Learning & Evaluation:	
2.2.1 Student Enrolment and Profile	<ul style="list-style-type: none"> ➤ University follows transparent admission process, by making announcements in print, electronic media and on University's website on all India basis. ➤ The admissions for UG courses under Engg., Medical and Dental colleges, are based on merit with entrance test, while the rest are based on merit. PG courses in Engg., Management and Ph.D are made based on merit and entrance test and /or interview, while the rest are based on merit/entrance test conducted by the University. ➤ About 15% of seats are reserved under NRI/PIO quota.

2.2.2 Catering to Student Diversity	<ul style="list-style-type: none"> ➤ The constituent colleges organise orientation/induction programme for freshers and their parents/ guardians about the academic processes, facilities available, examination system etc. , ➤ The students are encouraged to communicate their needs/problems by providing suggestion boxes. The mentors also observe the mentees, identify needs of the students if any, and steps are initiated to address them. ➤ The colleges take measures to identify slow learners and conduct remedial classes, courses in English. ➤ Advanced learners are provided guidance to access advanced reference materials, participate in conferences/ workshops/seminars.
2.2.3 Teaching-Learning Process	<ul style="list-style-type: none"> ➤ The University provides academic calendar of teaching, learning and evaluation processes separately for medical and technical courses. ➤ Teaching and learning processes are learner centric and are participatory. Both practical and field based learning experiences are offered where ever required. ➤ University encourages e-learning through resources like NPTEL, MIT courses, spoken tutorials, and participation in webinars. ➤ Colleges have digital libraries, Wi-Fi and broad band facilities, LAN, e-learning resources. ➤ Students are encouraged to participate in elocution and quiz competitions, conferences and workshops.
2.2.4 Teacher Quality	<ul style="list-style-type: none"> ➤ All the sanctioned posts of faculty are filled and are on regular basis. Of 752 faculty, 137 have Ph. D while all the others are post graduates. ➤ A few of faculty members have received awards/ recognition from the state and National level during the last 4 years. ➤ About 10 Emeritus Faculty is on rolls, while there are about 20 Visiting/Adjunct faculties. ➤ The faculty participate in various FDPs. ➤ Student evaluation of teaching process is in place.
2.2.5 Evaluation Process and Reforms	<ul style="list-style-type: none"> ➤ 40% weightage is given to internal evaluation under continuous assessment system, , and 60% to end term examination. ➤ The answer sheets are coded and marks allotted are fed in to computer using OMR ready sheets. ➤ The results of the examinations are computerised and declared in a time bound schedule. ➤ The students can apply for rechecking, re evaluation.
2.2.6 Student Performance and Learning Outcomes	<ul style="list-style-type: none"> ➤ Good pass percentage in both UG & PG programmes. ➤ Course-wise learning outcomes are not clearly defined
2.3 Research, Consultancy & Extension:	
2.3.1 Promotion of Research	<ul style="list-style-type: none"> ➤ The University has research committees as per the guidelines of statutory bodies to review, monitor and evaluate the research activities. ➤ Provides financial assistance to purchase instruments,

	<p>consumables etc., to facilitate research in medical & dental disciplines.</p> <ul style="list-style-type: none"> ➤ Research fellowship grant of Rs. 12000/- per month and a contingency grant of Rs. 6000/- per annum is provided to select Ph.D students on basis of merit. Sixteen Ph.D students have availed this facility. ➤ Several research methodology workshops are conducted periodically for the PG students and faculty. ➤ 50-60% of the faculty members are actively involved in Research activity.
2.3.2 Resource mobilization for Research	<ul style="list-style-type: none"> ➤ A sum of Rs. 97.2 lakhs under 'Research recurring Grant' and Rs. 279 lakhs under 'Research equipment Grant' has been provided in the budget for the year 2015-16. ➤ A few extramural Research grants have been received from agencies such as DST, ICMR, St John's National Academy of Health etc.,
2.3.3 Research Facilities	<ul style="list-style-type: none"> ➤ The medical, dental, nursing & Physiotherapy colleges have state of the art infrastructural facilities like enriched laboratories, Faculty research laboratories, Laboratory animal house etc., ➤ The University has Central Library with DELNET, IEEE, ASME, ASCE, NPTEL etc., ➤ Residential and infrastructural facilities are provided to researchers from other national and international institutions/Universities. ➤ The University has acquired plagiarism software to keep a check on malpractices. ➤ Research facilities in Engg. & Computer Science are inadequate.
2.3.4 Research Publications and Awards	<ul style="list-style-type: none"> ➤ The University publishes 8 Research Journals. ➤ Several research articles have been published have been published by the University. However the distribution across the colleges is not uniform. ➤ Researchers and faculty have published several articles/reviews. Some of them are in reputed journals. ➤ Several of the faculty are serving in editorial boards of National/International journals. ➤ University has a policy of awarding Rs. 5000/- to researcher upon publishing original research paper in journals having an impact factor of 1 and above. ➤ Quality of research publications by Engg. & Computer Science colleges need to be improved.
2.3.5 Consultancy	<ul style="list-style-type: none"> ➤ Some of the departments are involved in consultancy services. ➤ University has a policy for structured consultancy. The net profit is shared by the faculty and the University in the ratio of 70:30. ➤ There is need for improvement in consultancy

2.3.6 Extension Activities and Institutional Social Responsibility	<ul style="list-style-type: none"> ➤ The NSS of the University spreads awareness on themes such as Women’s empowerment, Anti tobacco Energy conservation etc., among the students, faculty and communities in urban slums and rural villages of the neighbourhood. ➤ University has rural & urban health centres. ➤ The preventive and promotive health care services need to be augmented.
2.3.7 Collaborations	<ul style="list-style-type: none"> ➤ The Medical/dental & nursing colleges have collaborations with foreign Universities in countries for collaborative research. ➤ However, in Engg., and other disciplines the collaborative activities need to be initiated. ➤ The University has MoUs with several national agencies , however a few are functional
2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities	<ul style="list-style-type: none"> ➤ The University has good infrastructural facilities in medical and paramedical institutes, with respect to academic activities. ➤ There is 830 bedded multi speciality hospital. ➤ There are 8 boys’ hostels and 5 girls’ hostels. The rooms have attached bath/toilet facilities. ➤ The University has well equipped auditoria, seminar halls, class rooms and departmental demonstration halls with modern teaching aids. ➤ There are has Banks/ATMs and shopping centres, and school for children within the campus. ➤ University has very good indoor & outdoor sports facilities.
2.4.2 Library as a Learning Resource	<ul style="list-style-type: none"> ➤ The University has very good automated central library with adequate number of books, journals and e-journals. ➤ In addition, each constituent college have individual libraries. Every department has individual libraries. ➤ There are 99 latest technology computers, 12 printers, Internet with 145 mbps. ➤ University has allocated annual Library budget of Rs. 195.5 lakhs.
2.4.3 IT Infrastructure	<ul style="list-style-type: none"> ➤ The University has very good IT infrastructure with Wi-Fi enabled campus. ➤ Each Institute has well equipped computer centres with adequate hard ware & soft Ware. ➤ The University has separate computer centre. ➤ Band width of Wi-Fi needs up gradation
2.4.4 Maintenance of Campus Facilities	<ul style="list-style-type: none"> ➤ The University has independent departments of construction & horticulture for maintaining buildings and open space. ➤ USIC & UIITM takes care of maintenance of appliances/ equipment. ➤ For maintenance of high-end equipment, AMC/CMC is in place.

	➤ Campus is under the surveillance of CCTVs.
2.5 Student Support and Progression:	
2.5.1 Student Mentoring and Support	<ul style="list-style-type: none"> ➤ The University has student mentoring system in all the colleges. ➤ Remedial classes are conducted for slow learners. ➤ Students are encouraged to participate in curricular and co-curricular activities. ➤ Round the clock ambulance service and subsidised Medical facilities are available at MM Hospital at rates. . ➤ University has Registered Alumni association, Grievance redressal cell, anti ragging committee, Gender Sensitization committee against sexual harassment (GSCASH), as per the statutory requirements. ➤ The University has active alumni association. ➤ University has centralised T & P section. The extent of placement is approximately 80%. However the average salaries paid are poor
2.5.2 Student Progression	<ul style="list-style-type: none"> ➤ A good number of students progress from UG to PG and PG to Ph. D. ➤ The proportion of students who complete their respective courses with in stipulated period, range from a low 50% in BPT to 100% in MDS, M.Sc Nursing, MA English.
2.5.3 Student Participation and Activities	<ul style="list-style-type: none"> ➤ Students actively participate in community extension activities, sports and cultural activities and won prizes at different levels. ➤ The student representatives are there in Alumni Association, Student coordinators for mentoring sessions, Academic coordinator, NSS, Anti ragging committee, Women's cell, Hostel committee, Gender sensitization committee etc.,.
2.6 Governance, Leadership and Management:	
2.6.1 Institutional Vision and Leadership	<ul style="list-style-type: none"> ➤ The University has stated vision & mission, to transform itself in to premier seat of knowledge and learning. ➤ All the stakeholders viz., Students, Parents, Faculty & Staff, Alumni, Industry and the Society have immediate and direct access to all tiers of leadership. ➤ University strives to establish a culture of excellence in administration, academics, research and extra-curricular activities. ➤ The University promotes culture of participative management strategy at all levels.
2.6.2 Strategy Development and Deployment	<ul style="list-style-type: none"> ➤ The University has perspective planning for academic and administrative development, keeping in view the changing needs of society and the stakeholders. ➤ The Board of Management, Academic council, Finance committee, the Faculties and Planning, BoS & Monitoring Board are effectively involved in the

	<p>development of strategies and deployment.</p> <ul style="list-style-type: none"> ➤ Several measures are designed and implemented for overall development of students, faculty and staff.
2.6.3 Faculty Empowerment Strategies	<ul style="list-style-type: none"> ➤ Self appraisal/reporting of faculty have led to identification of needs in terms of improving research and other activities, motivation and skill development of the faculty. ➤ The faculty is provided with incentives for publication of research papers in reputed journals, financial assistance to attend National/International Conferences/Seminars. ➤ Teaching & non-teaching staff are provided with facilities such as leave at par with Govt. norms, Leave encashment facility at the time of retirement, CPF/EPF schemes, payment of salaries through bank, Tuition fee waiver for 2 children studying in MM institutes etc., ➤ Salary structure should be made uniform across the university.
2.6.4 Financial Management and Resource Mobilization	<ul style="list-style-type: none"> ➤ Resource mobilisation is through college income and hospital income. ➤ The annual budget estimates of the University and colleges are prepared before the start of financial year and placed before Finance Committee and BoM, for approval. ➤ Internal and external audit of accounts are carried out regularly, statement of accounts are audited by the Chartered Accountants of the University, and approved by the BoM on the recommendation of Finance committee.
2.6.5 Internal Quality Assurance System	<ul style="list-style-type: none"> ➤ IQAC established in 2007. ➤ The IQAC and Academic Audit Cell are centralised bodies within the University to review the teaching/learning processes. ➤ IQAC activities need to be strengthened.
2.7 Innovations and Best Practices:	
2.7.1 Environment Consciousness	<ul style="list-style-type: none"> ➤ The University has internal committee with experts which conducts green audit of its campuses and regularly formulates action plans to have eco-friendly ambience. ➤ The University buildings have been designed to make full use of day light and ventilation, thereby reducing energy consumption for lighting and air conditioning. ➤ Safe biomedical waste disposal management is in place and carries out mandatory autoclaving of all clinically hazardous material. There is fully functional incinerator, zero effluent sewage treatment plants, e-waste and solid waste management facilities. ➤ Zero discharge STP is in place and recycled water is used for horticulture. ➤ The rain water harvesting system in place.

2.7.2 Innovations	<ul style="list-style-type: none"> ➤ The students are participating in innovative projects such as Mini Bawa, formula racing car etc., ➤ Some of the faculty members have applied for patenting and 2 patents have been awarded. ➤ More number of innovative projects should be initiated.
2.7.3 Best Practices	<ul style="list-style-type: none"> ➤ The University has web based ERP & Biometric system information portal, managed by in-house IT team, covering services such as salary of employees, students enrolment , attendance and internal assessment marks. ➤ Has an effective mentoring system to ensuring accountability and responsibility between mentor and mentee. ➤ University conducts pre-placement online Mock-test series to reduce the pressure on the students and to improve their confidence & performance in competitive/placement examinations. ➤ University has adopted Rural and Urban Health Centre to provide health care services to the needy.
Section III: OVERALL ANALYSIS	
3.1 Institutional Strengths	<ul style="list-style-type: none"> ➤ Good infrastructure facilities. ➤ Good stakeholder relationships. ➤ Adequate land facilities for future expansion. ➤ Pro-active management. ➤ Location in rural area.
3.2 Institutional Weaknesses	<ul style="list-style-type: none"> ➤ Less number of faculties with Ph.D. ➤ Limited options in basic sciences. ➤ Limited Research activities. ➤ The distribution of publications in indexed journals across the departments is unequal.
3.3 Institutional Challenges	<ul style="list-style-type: none"> ➤ Procuring necessary research grants/funds from state/central government organizations. ➤ Securing paid consultancies from state/private organizations dealing with health sciences. ➤ Establishment of more super speciality courses in Oncology, Surgical Oncology and Emergency Medicine. ➤ Ensuring state of the art health care facilities to the poor and needy. ➤ Attracting and retaining quality faculty. ➤ Effective implementation of CBCS.
3.4 Institutional Opportunities	<ul style="list-style-type: none"> ➤ Strengthening of community based extension activities by partnering with State and Central Govt., departments. ➤ Motivate faculty to get externally funded projects. ➤ More linkages and collaborations. ➤ Structured consultancies. ➤ Start different interdisciplinary career oriented programmes .

Section IV: Recommendations for Quality Enhancement of the Institution

- The faculty should be encouraged for acquiring Ph.D. and carrying out Research activities.
- Efforts should be made to get more extra mural research projects.
- Research facilities in the Engg. & allied disciplines should be enhanced.
- Institute and Industry partnership should be strengthened.
- Consultancy activities need to be improved.
- Internet band-width Band needs to be increased.
- Foreign languages courses and coaching for competitive examinations (such as IES, CAT, UGC NET, GRE, TOFEL, GMAT etc.) should be initiated.
- Uniform pay structure including allowances should be implemented across the university.
- The Rural and Urban health centres adopted by the institutes should focus on community based preventive and promotive interventions rather than curative aspects alone.
- The centres should also carry out systematic collection of data on health and nutritional status of the community, analysis and interpretation of the same for identifying underlying causes, develop and implement intervention strategies and monitor trends over a period of time.

I agree with the Observations of the Peer Team as mentioned in this report.

Signature of the Head of the Institution

Seal of the Institution

Signatures of the NAAC Peer team

Chairman	Prof. (Dr.). Asok De	
Member Coordinator	Dr. G.N.V. Brahmam	
Members	Prof. Kanika Sharma	
	Prof. (Dr.). Jiban Misra	
	Prof. S.C. Bagri	
	Prof. A.V. Prasada Rao	
	Prof. (Dr.). Vilas Kharat	
	Prof. N.K. Jain	
	Prof. Dr. S.K. Satsangi	
	Prof. (Dr.). Varinder Sahni	
	Dr. Bharat Shah	
Dr. S.P. Srivastava		
NAAC Officer:	Dr. (Mrs.). Rama	

Place: Mullana, Ambala

Date: 31st October, 2015