

**PERFORMANCE AUDIT FORMS (2010-11 to 2015-16)**

**INSTITUTIONAL PERFORMANCE PROFILE**

AUDIT VISIT NUMBER: 1 2 3 4 5 6

(CIRCLE NUMBER OF THE VISIT AS APPROPRIATE)

NAME OF THE PERFORMANCE AUDITOR: Dr. K. Balaveera Reddy

DATES OF PERFORMANCE AUDIT : 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> August 2016


NAME OF INSTITUTION WITH LOCATION: WALCHAND COLLEGE OF ENGG., SANGLI

PIP REF	INSTITUTION PERFORMANCE PROFILE	OVERALL EVALUATION GRADES
<b>COMPONENT 1: IMPROVING THE QUALITY OF EDUCATION IN SELECTED INSTITUTIONS</b>		
1.1	STRENGTHENING INSTITUTIONS TO IMPROVE LEARNING OUTCOMES AND EMPLOYABILITY OF GRADUATES	Not Applicable
1.2	SCALING UP POSTGRADUATE EDUCATION AND DEMAND-DRIVEN RESEARCH AND DEVELOPMENT AND INNOVATION	1
12.1	ESTABLISHING CENTRES OF EXCELLENCE	Not Applicable
1.3	FACULTY DEVELOPMENT FOR EFFECTIVE TEACHING (PEDAGOGICAL TRAINING)	1
<b>COMPONENT 2: IMPROVING SYSTEM MANAGEMENT</b>		
2.1	CAPACITY BUILDING TO STRENGTHEN MANAGEMENT	1
2.1.1	IMPLEMENTATION OF GOOD GOVERNANCE	1
2.2	PROJECT MANAGEMENT, MONITORING AND EVALUATION	1

<b>INSTITUTION PERFORMANCE PROFILE GRADES AND GRADE DESCRIPTORS</b>	
1.	<b>Significant evidence of good practice:</b> in the quality and standards achieved (Assessment identifies clear supporting evidence for at least 75% of the relevant practices can be considered good practice)
2	<b>Some evidence of good practice:</b> in the quality and standards achieved (Assessment identifies clear supporting evidence that at least 50% of the relevant can be considered good practice)
3	<b>Good Practice not widespread or not in place:</b> (Institutions may specify the expected date of completion if there are concrete plan in place implementation)

**NOTE: SUPPORTING EVIDENCE- PERFORMANCE AUDITORS WILL PROVIDE A BULLET POINT LIST OF THE STRONGEST CLEARERST EXAMPLES OF EVIDENCE IN SUPPORT OF EVALUATION GRADES ON ALL ANNEX 4 FORMS**

The grade descriptors have two elements, one relating to the amount and nature of the evidence for a given practice and one relating to the quality of the practice about which the evidence is gathered. So, for example a grade of 1 means both that the evidence is clear and that it amount to the 75% or more of the total evidence found and that the practice is good.



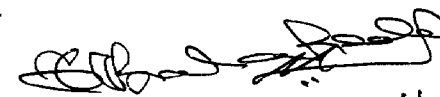
26.08.2016

## COMPONENT 1: IMPROVING QUALITY OF EDUCATION IN SELECTED INSTITUTIONS

NAME OF THE PERFORMANCE AUDITOR: Dr. K. Balaveera ReddyDATES OF PERFORMANCE AUDIT : 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> August 2016NAME OF INSTITUTION WITH LOCATION: WALCHAND COLLEGE OF ENGG., SANGLI

## 1.1 STRENGTHENING INSTITUTIONS TO IMPROVE LEARNING OUTCOMES AND EMPLOYABILITY OF GRADUATES

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPORTING EVIDENCE (NOTE: GRADES MUST SUPPORTED BY SOUND EVIDENCE OF ACHIEVEMENT OF THE INSTITUTIONAL DEVELOPMENT PROPOSAL GOALS AND TARGETS)
A. Effectiveness of funds utilized for the teaching, training, learning and research equipment, library, computers, etc. by institutions, including: <ul style="list-style-type: none"> <li>• Increase in the satisfaction index of student and faculty</li> </ul>	<p>Component 1.1 NOT APPLICABLE (As the institution is consider for TEQIP-Phase II 1.2)</p>
B. Obtaining Academic Autonomy status, including: <ul style="list-style-type: none"> <li>• Number of Institutions that have obtained "Autonomous institutions status as per University Grants Commission Process Within 2 years of joining the project, or</li> <li>• Effectiveness of utilization of Academic autonomy possessed/obtained (See Table -26 in PIP)</li> </ul>	
C. Efforts made by institutions for upgrading qualifications of faculty members, including: <ul style="list-style-type: none"> <li>• Percentage of faculty enrolled in MTech and PhD</li> </ul>	
D. Existing teaching and staff vacancies and effort made by institutions for filling the vacancies, including: <ul style="list-style-type: none"> <li>• Percentage of faculty and staff position filled and vacant</li> <li>• Increase in faculty appointed on regular basis</li> </ul>	
E. Effectiveness of equity at Institutional level, including <ul style="list-style-type: none"> <li>• Transition rate of students from the First to the Second year in Under graduate Programmes</li> </ul>	
	<p>OVERALL EVALUATION GRADE FOR 1.1 USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>




26.08.2016

## COMPONENT 1: IMPROVING QUALITY OF EDUCATION IN SELECTED INSTITUTIONS

NAME OF THE PERFORMANCE AUDITOR: Dr. K. Balaveera ReddyDATES OF PERFORMANCE AUDIT : 22<sup>nd</sup>, 23<sup>rd</sup> 24<sup>th</sup> & 25<sup>th</sup> August 2016NAME OF INSTITUTION WITH LOCATION: WALCHAND COLLEGE OF ENGG., SANGLI

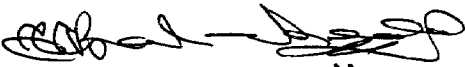
## 1.2 SCALING-UP POSTGRADUATE EDUCATION AND DEMAND-DRIVEN RESEARCH &amp; DEVELOPMENT AND INNOVATION

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPORTING EVIDENCE (NOTE: GRADES MUST SUPPORTED BY SOUND EVIDENCE OF ACHIEVEMENT OF THE INSTITUTIONAL DEVELOPMENT PROPOSAL GOALS AND TARGETS)
<p>A. Effectiveness of funds utilized for the teaching, training, learning and research equipment, library, computers, etc. by institutions, including:</p> <ul style="list-style-type: none"> <li>• Increase in the satisfaction index of student and faculty</li> </ul>	<ul style="list-style-type: none"> <li>• TEQIP II started from the academic year 2010 -11.</li> <li>• Audit report from 2010-11 to 2015-16.</li> <li>• During 2015-16 Period The Institute has received 12.5 Crores in total.</li> <li>• Amount spent up to August 2016 is 11.21 Crores and 1.3 Crores in pipeline.</li> <li>• Procurement plan for additional 5 Crores is ready</li> <li>• The funds have been utilized effectively for modernizing laboratories, research equipment, training the faculty and staff.</li> <li>• Funds are utilized also for Students Assistantships and training.</li> <li>• Funds have been utilized properly and effectively.</li> <li>• Satisfaction is quite high.</li> </ul>
<p>B. Effectiveness of scaling-up Postgraduate Technical Education, including</p> <ul style="list-style-type: none"> <li>• Increased enrolment for MTech and PhD</li> </ul>	<ul style="list-style-type: none"> <li>• One PG program in Computer Sc. &amp; Engineering (IT) is started during 2012-13</li> <li>• Intake of PG programs have been increased from 126 to 240 during the project period</li> <li>• From 2012-13 teaching assistantships were granted to all non-sponsored and non-Gate students</li> <li>• Rs 8000/month per student assistantship is provided</li> <li>• Ph.D enrolment has been increased to 80 during the project period</li> <li>• Industry Sponsored PG Projects = 188</li> <li>• 31 students have completed Ph.D. from this institute during the project period</li> <li>• M Tech students admitted to Ph.D. programs in IIT directly</li> </ul>



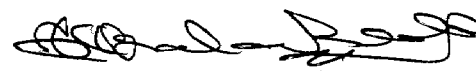
26.08.2016

<ul style="list-style-type: none"> <li>Establishment of proposed laboratories</li> </ul>	<ul style="list-style-type: none"> <li>During project period 10 Laboratories have been modernized.</li> <li>Three industry sponsored labs have been established during the project period.</li> <li>5 labs has been developed as centers of excellence for training and research programs.</li> </ul>
<ul style="list-style-type: none"> <li>Cumulative number of assistantships granted</li> </ul>	<ul style="list-style-type: none"> <li>151 No. of teaching assistantships are granted for M.Tech. Students during project period.</li> <li>All Eligible PG students are getting Assistantships.</li> <li>Rs. 8000/- Per Month Assistantship is given to each eligible student.</li> <li>Total 158 lakhs has been spent on Teaching assistantship during project period.</li> </ul>
<p>C. Progress/achievement in starting new Postgraduate programmes including:</p> <ul style="list-style-type: none"> <li>Securing AICTE approval</li> </ul>	<ul style="list-style-type: none"> <li>1 PG program has been started during project period.</li> <li>9 PG programs Intake has been increased from 126 to 240.</li> <li>AICTE approval obtained for new PG program and increase in Intake.</li> <li>6 PG programs were accredited during project period</li> <li>5 PG programs are applied for accreditation and waiting for NBA visit.</li> </ul>
<ul style="list-style-type: none"> <li>Establishment of laboratories</li> </ul>	<ul style="list-style-type: none"> <li>Three industry sponsored Research Laboratories have been established in the project period. <ul style="list-style-type: none"> <li>Mechatronics laboratory with the help of John Deere industry</li> <li>Refrigeration &amp; Air conditioning laboratory with the help of Danfoss Industries Pvt. Ltd. Chennai.</li> <li>Software testing laboratory with help of IBM.</li> </ul> </li> <li>10 M.Tech laboratories have been modernized.</li> <li>5 labs have been developed as centers of excellence</li> </ul>
<ul style="list-style-type: none"> <li>Adequacy of student enrolments</li> </ul>	<ul style="list-style-type: none"> <li>100% Students have been enrolled form the academic year 2011-12 onwards.</li> <li>All 240 seats have been filled during 2015-16.</li> </ul>

  
26.08.2016

①

<p><b>D. Effectiveness of collaborations made with other institutions in India and abroad, including:</b></p> <ul style="list-style-type: none"> <li>• Increase in number of Co-authored publication in refereed journals</li> </ul>	<ul style="list-style-type: none"> <li>• 35 MOUs have been signed during the project period. <ul style="list-style-type: none"> <li>○ 18 from industries</li> <li>○ 02 from universities</li> <li>○ 12 from Academic institutes</li> <li>○ 3 from foreign industries &amp; institutes.</li> </ul> </li> <li>• 7 books have been published by faculty during project period.</li> <li>• 28 Co-authored research papers published by faculty in refereed journals.</li> </ul>
<p><b>E. Increased collaboration with industry in research and development, including:</b></p> <ul style="list-style-type: none"> <li>• Increase in number of joint and industry sponsored research and development work undertaken</li> </ul>	<ul style="list-style-type: none"> <li>• 188 PG students have completed Industry sponsored projects.</li> <li>• 2 Industry research projects are completed with John Deere, Pune.</li> <li>• Three industry sponsored Research Laboratories have been established in the project period.</li> </ul>
<ul style="list-style-type: none"> <li>• Increase in financial contribution industry for R &amp; D</li> </ul>	<ul style="list-style-type: none"> <li>• Rs. 2 Crore grant towards R &amp; D work from Industries has been received. <ul style="list-style-type: none"> <li>○ 1 crore from Rathi Engineering works</li> <li>○ 1 crore from Sakal Publication Pvt. Ltd.</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• Increase in Industry personnel registered for Masters and Doctoral programmes</li> </ul>	<ul style="list-style-type: none"> <li>• Industry sponsored M.Tech. student = 6</li> </ul>
<ul style="list-style-type: none"> <li>• Increase in Industry personnel trained by institution in knowledge and/or skill areas</li> </ul>	<ul style="list-style-type: none"> <li>• 34 Industry persons have been trained by the institution in knowledge and skill areas.</li> </ul>
<ul style="list-style-type: none"> <li>• Increase in the number of consultancy assignments secured</li> </ul>	<ul style="list-style-type: none"> <li>• No. of Consultancy Assignments are 2467 during the project period</li> <li>• Revenue generated is Rs. 63 lakhs.</li> </ul>
<ul style="list-style-type: none"> <li>• Increase in the number of students and faculty visits to and/ or training in industry</li> </ul>	<ul style="list-style-type: none"> <li>• 1861 students visited 51 industries during project period.</li> <li>• 233 faculties visited 110 industries and completed Industrial Training.</li> </ul>

  
26.08.2016

<ul style="list-style-type: none"><li>Improvements in graduate placement rate</li></ul>	<ul style="list-style-type: none"><li><b>Percentage Campus Placement during project period</b><table><tr><th>Year</th><th>UG</th><th>PG</th></tr><tr><td>2011-12</td><td>94.06</td><td>20.88</td></tr><tr><td>2012-13</td><td>83.93</td><td>24.74</td></tr><tr><td>2013-14</td><td>83.52</td><td>32.74</td></tr><tr><td>2014-15</td><td>86.61</td><td>59.18</td></tr><tr><td>2015-16</td><td>86.94</td><td>60.98</td></tr></table></li><li>About 5% students have gone for higher studies</li><li>About 2% students established their own industries</li><li>It is observed increase in PG student placement year by year.</li><li>Average salary of students placed is Rs. 4.56 lakhs.</li></ul>	Year	UG	PG	2011-12	94.06	20.88	2012-13	83.93	24.74	2013-14	83.52	32.74	2014-15	86.61	59.18	2015-16	86.94	60.98
Year	UG	PG																	
2011-12	94.06	20.88																	
2012-13	83.93	24.74																	
2013-14	83.52	32.74																	
2014-15	86.61	59.18																	
2015-16	86.94	60.98																	
<ul style="list-style-type: none"><li>Increase in involvement of industry experts in curricula &amp; syllabi improvements, laboratory improvements evaluation of students and delivering expert lectures</li></ul>	<ul style="list-style-type: none"><li>24 Industry experts are involved in curricula and syllabus updating during the project period.</li><li>282 industry persons are involved in training faculty and students.</li><li>181 Industry persons are involved in evaluation of student projects.</li></ul>																		
<ul style="list-style-type: none"><li>Increase in the number of sandwich programmes between industries and the institution</li></ul>	<ul style="list-style-type: none"><li>Industry Sponsored Projects of 12 months for 181 PG students.</li><li>2 months Paid internship in industry for 60 students at the rate of Rs.5000/- per month.</li></ul>																		
<b>F. Increase in Percentage of revenue from externally funded research and development projects and consultancies as a percentage of the total revenue of the institution from all sources</b>	<ul style="list-style-type: none"><li>Total IRG during the project period is Rs.22.89 Crores</li><li>IRG for externally funded R &amp; D Project Rs 8.17 Crores</li><li>IRG from consultancy is Rs. 63 Lakhs</li></ul>																		
<b>G. Increase in the number of publications in refereed journals</b>	<ul style="list-style-type: none"><li>271 publication in referred journal during the project period.</li></ul>																		
<b>H. Increase in the number of patents filed</b>	<ul style="list-style-type: none"><li>9 Patent are filed during the project period and approvals are in the process.</li></ul>																		
<b>Grade-1</b>	<b>Grade-1</b> <b>OVERALL EVALUATION GRADE FOR 1.2</b> USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)																		

  
 26.08.2016



NAME OF THE PERFORMANCE AUDITOR: **Dr. K. Balaveera Reddy**

**DATES OF PERFORMANCE AUDIT** : 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> August 2016

NAME OF INSTITUTION WITH LOCATION: **WALCHAND COLLEGE OF ENGG., SANGLI**

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPORTING EVIDENCE (NOTE: GRADES MUST SUPPORTED BY SOUND EVIDENCE OF ACHIEVEMENT OF THE INSTITUTIONAL DEVELOPMENT PROPOSAL GOALS AND TARGETS)
<p><b>A. Establishing Centre of Excellence:</b> Improvement in Research and Development facilities through:</p> <ul style="list-style-type: none"> <li>Establishment of new laboratories for applicable thematic research</li> <li>Establishment of a knowledge resource centre (library) in thematic area</li> <li>Procurement of furniture</li> <li>Civil Works</li> </ul>	<p><b>Component 1.2.1 Not Applicable</b></p>
	<p><b>OVERALL EVALUATION GRADE FOR 1.2.1</b> USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>

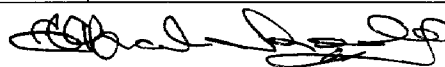
*[Signature]*  
26.08.2016

## COMPONENT 1: IMPROVING QUALITY OF EDUCATION IN SELECTED INSTITUTIONS

NAME OF THE PERFORMANCE AUDITOR: Dr. K. Balaveera ReddyDATES OF PERFORMANCE AUDIT : 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> August 2016NAME OF INSTITUTION WITH LOCATION: WALCHAND COLLEGE OF ENGG., SANGLI

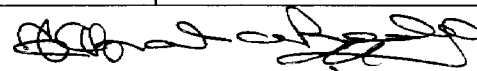
## 1.3 FACULTY DEVELOPMENT FOR EFFECTIVE TEACHING (PEDAGOGICAL TRAINING)

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPORTING EVIDENCE (NOTE: GRADES MUST SUPPORTED BY SOUND EVIDENCE OF ACHIEVEMENT OF THE INSTITUTIONAL DEVELOPMENT PROPOSAL GOALS AND TARGETS)
A. Effort made by institutions providing Pedagogy Training to Faculty, including:	
<ul style="list-style-type: none"> <li>Percentage of faculty who have benefitted from the core and advanced modules of pedagogy training</li> </ul>	<ul style="list-style-type: none"> <li>131 faculties (96.42%) out of 140 faculty attended the pedagogical training program.</li> <li>Each faculty attended about 4 domain and pedagogy programs during the project period.</li> </ul>
<ul style="list-style-type: none"> <li>Improvements in (and/or updating, and more relevant) curricula and/or syllabi</li> </ul>	<ul style="list-style-type: none"> <li>Curriculum has been revised 2 times for all 6 UG and 10 PG programs during the project period.</li> <li>Experts from IITs, NITs &amp; industries participated in the design of curriculum.</li> <li>For all the branches of final year UG students, last semester is exclusively allotted for industrial project work.</li> <li>60 UG students under gone paid internship for 2 months from industries.</li> <li>Open and inter disciplinary electives have been included in the curricula.</li> </ul>
<ul style="list-style-type: none"> <li>Improvements in (and/or updating, and more relevant) course assessment methods</li> </ul>	<ul style="list-style-type: none"> <li>In semester evaluation by formative assessment and mid &amp; end semester evaluation by summative method.</li> <li>Inter Disciplinary Electives were introduced (Total Number of electives subjects are 68)</li> <li>Few PG courses have practical exams in addition to theory exam.</li> </ul>

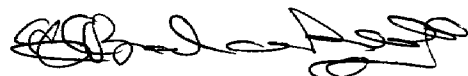
  
20.08.2016



<ul style="list-style-type: none"> <li>Improvements in (and/or updating, and more relevant) curricula and/or syllabi</li> </ul>	<ul style="list-style-type: none"> <li>Curriculum has been revised 2 times for all 6 UG and 10 PG programs during the project period.</li> <li>Experts from IITs, NITs &amp; industries are participated in the design of curriculum.</li> <li>For all the branches of final year UG students, last semester is exclusively allotted for industrial project work.</li> <li>60 UG students undergone paid internship for 2 months from industries.</li> <li>Open and inter disciplinary electives have been included in the curricula.</li> <li>From Computer Sc. and Engg. Dept. Programming Lab Subject all exams (ISE/MSE/ESE) are conducted online.</li> <li>From Electronics Dept. FY B.Tech.: Programming Lab SY B.Tech.: Engineering Computations, TY B.Tech. : Embedded System &amp; VLSI and Final Year B.Tech. : Real Time Operating Systems exams (ISE/MSE/ESE) are conducted online.</li> <li>Planning to conduct all the exams online for all the subjects.</li> <li>10 PG and 6 UG Programs curriculum revision has been taken place</li> <li>Total No. of Electives for UG: 20</li> <li>Total No. of Electives for PG :48</li> <li>Few audit courses are made credit courses because of increased importance.</li> </ul>
<ul style="list-style-type: none"> <li>Percentage of faculty with UG qualification registered/deputed for improving their qualification (See section-3, 4(b) on page 20 of PIP)</li> </ul>	<ul style="list-style-type: none"> <li>4 out of 5 faculties are deputed &amp; completed their higher studies.</li> </ul>
<ul style="list-style-type: none"> <li>Percentage of faculty deputed for subject domain training, seminars, etc. (faculty are required to share their gains with peers and put reports on training on institution's Website)</li> </ul>	<ul style="list-style-type: none"> <li>131 faculties (96.42%) out of 140 faculty attended subject domain and pedagogical training program, seminars, etc.</li> </ul>
<ul style="list-style-type: none"> <li>Progress in securing accreditation of eligible UG &amp; PG programs (Institutions to achieve target of 60% of eligible UG &amp; PG programmes accredited-applied within 2 years of joining the project)</li> </ul>	<ul style="list-style-type: none"> <li>6 UG programs were accredited during project period</li> <li>1 UG program to be applied for accreditation</li> <li>6 PG programs were accredited during project period</li> <li>5 PG programs are applied for accreditation and waiting for NBA visit.</li> </ul>

  
 26-08-2016

<b>B. Effectiveness of Pedagogy Training, Including</b>	
<ul style="list-style-type: none"> <li>Percentage of students satisfied with the quality of teachers and changes/developments specifically undertaken as a result of student evaluations.</li> </ul>	<ul style="list-style-type: none"> <li><b>90 % students are satisfied with quality of teachers and Teaching-learning evaluation changes.</b></li> </ul>
<b>Grade-1</b>	<b>Grade-1</b> <b>OVERALL EVALUATION GRADE FOR 1.3</b> <small>USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</small>


  
26-08-2016

## COMPONENT 2: IMPROVING SYSTEM MANAGEMENT

NAME OF THE PERFORMANCE AUDITOR: Dr. K. Balaveera ReddyDATES OF PERFORMANCE AUDIT : 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> August 2016NAME OF INSTITUTION WITH LOCATION: WALCHAND COLLEGE OF ENGG., SANGLI

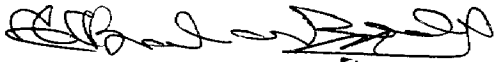
## 2.1 CAPACITY BUILDING TO STRENGTHEN MANAGEMENT

MONITORING AND PROJECT OUTPUT/OUTCOME PARAMETERS	SUPPORTING EVIDENCE (NOTE: GRADES MUST SUPPORTED BY SOUND EVIDENCE OF ACHIEVEMENT OF THE INSTITUTIONAL DEVELOPMENT PROPOSAL GOALS AND TARGETS)
<b>A. Implementation of Academic and non-Academic reforms, including:</b>	<b>Very Good</b>
<ul style="list-style-type: none"> <li>Improved understanding of the need and ways for increased autonomy, and new instruments for accountability</li> </ul>	<ul style="list-style-type: none"> <li>UGC &amp; Shivaji University granted Autonomous Status for a period of 5 years with effect from 2007 to 2012.</li> <li>UGC granted for extension of Autonomous Status for a period of 6 years with effect from 2014-15 to 2019-20 including ex-post facto from 2012-13 to 2013-14.</li> <li>Shivaji University has confirmed to the institute the extension of autonomous status for the period of 8 years from the Academic Year 2012-13 to 2019-20.</li> <li>All Departments of the institution has been given more academic autonomy in updating curricula, Syllabi and evaluation.</li> <li>In updating curricula industry experts &amp; experts from higher learning institutes are involved.</li> <li>Students are given flexibility in the selection of interdisciplinary electives.</li> <li>Planning to start PG Diploma Sandwich Programs and also PG Programs in collaboration with Industries.</li> <li>For few courses online examination and evaluation process is in place.</li> <li>Planning to conduct all the exams online for all the subjects.</li> </ul>
<ul style="list-style-type: none"> <li>Modernization and decentralization of administration and financial management</li> </ul>	<ul style="list-style-type: none"> <li>Web based MIS is well in place.</li> <li>Full financial powers to Director with the approval of Administrative Council.</li> <li>Dy. Director has financial powers up to Rs. 20000/-</li> <li>Deans and HoDs by rotation have been appointed for Administration and Academic Programs.</li> </ul>


  
26.08.2016

(11)

	<ul style="list-style-type: none"> <li>• Deans and HODs have a financial power upto Rs. 5000/-</li> <li>• HODs have been given powers for granting casual leave to faculty.</li> <li>• Dean academics looks after academic matters relating to curricula, exams &amp; evaluations</li> <li>• Dean Quality Assurance looks after teaching learning process and evaluation</li> <li>• Dean R&amp;D looks after research and development.</li> <li>• Dean Students looks after welfare activities of the students.</li> <li>• Registrar helps to Director in Administration and Financial matters.</li> <li>• Local Management Committee support and guide to the institute locally for better functioning and governance of the institute.</li> </ul>
<ul style="list-style-type: none"> <li>• Extent of delegation of Administrative and financial decision making powers to senior functionaries</li> </ul>	<ul style="list-style-type: none"> <li>• Full financial powers to director with the approval of Administrative Council</li> <li>• Dy. Director has financial powers up to Rs. 20000/-</li> <li>• Deans and HODs are given financial power of Rs. 5000/-</li> <li>• Full Academic Autonomy to HODs with approval from Academic Council.</li> <li>• The finance committee looks into all finance related activities of the institutes.</li> </ul>
<ul style="list-style-type: none"> <li>• Responsiveness to stakeholders (students, faculty, staff, industry, local communities)</li> </ul>	<p><b>Very Good</b></p> <ul style="list-style-type: none"> <li>• Conducting Remedial Classes for weaker student to improve their academic performance.</li> <li>• Guidance and training for students to increase campus placement.</li> <li>• Skill development programs for students to improve placement opportunities.</li> <li>• Student activity clubs for extracurricular and co-curricular activities.</li> <li>• Student representation in Department Advisory Boards.</li> <li>• Encouragement to students for research and innovation.</li> <li>• Teaching Faculty representation in Administrative Council.</li> <li>• Pedagogical and domain knowledge training program have been conducted for faculty to improve the quality of teaching.</li> </ul>

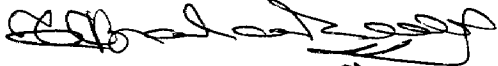
  
26-08-2016

	<ul style="list-style-type: none"> <li>Financial support to faculty to do research work, publication of papers and books.</li> <li>Management Capacity Development Training for Deans, HODs and Senior Faculty.</li> <li>Rewards and Recognition for faculty.</li> <li>Short Term Training Program for Industry Professionals.</li> <li>Consultancy to medium and small scale industries.</li> <li>Encouraging Industry personnel to obtain higher qualification.</li> <li>Skill development programs for rural youth.</li> <li>Blood Donation Camps.</li> <li>Service to local community through NSS students.</li> <li>Cyber security program for police officials.</li> </ul>
<ul style="list-style-type: none"> <li>Institutional quality assurance and enhancement strategies, including student feedback mechanisms</li> </ul>	<p><b>Very good</b></p> <ul style="list-style-type: none"> <li>Internal Quality Assurance Cell (IQAC) is in place.</li> <li>Counselling of faculty based on online students feedback.</li> <li>Obtained A grade from National Assessment Accreditation Council (NAAC)</li> <li>Obtained NBA accreditation for 5 UG programs.</li> <li>Academic audit for all the courses has been completed.</li> <li>Internal and external financial audit for TEQIP-II program have been completed for the financial year 2015-16.</li> <li>Training Need Analysis (TNA) is carried out to improve skills of faculty.</li> <li>Strategic Development Plan for 2015-2020 is placed before BOG for approval.</li> </ul>
<ul style="list-style-type: none"> <li>Maintenance of Academic and non-Academic infrastructure and facilities, including sufficiency and quality of Academic buildings</li> </ul>	<p><b>Very good</b></p> <ul style="list-style-type: none"> <li>Quality of Academic Buildings are Very good.</li> <li>Sufficient classrooms are available.</li> <li>Class room complex (Quadrangle)</li> <li>All classrooms are equipped with Audio, Visual Equipment.</li> <li>All Departments are provided with Smart Boards.</li> <li>Well-equipped Examination Cell.</li> <li>Centralized Computing Facility is available.</li> <li>In Campus Wi-Fi facility is available.</li> <li>200+ 100mbps Lease Line is available.</li> <li>Most of the Labs are open to students for 24x7</li> </ul>

  
26.08.2016

13

	<ul style="list-style-type: none"> <li>• Excellent Library Facility.</li> <li>• Digital Library and E-resources are available.</li> <li>• Reading rooms/Study rooms available for 24x7</li> <li>• Water filtration plant and distribution system.</li> <li>• Faculty residences, staff quarters and hostels.</li> <li>• Maintenance cell exists such as Building, Electrical and Garden Equipment Maintenance etc.</li> <li>• Campus is very well maintained.</li> </ul>
<ul style="list-style-type: none"> <li>• Development, maintain and utilization of institutional resources</li> </ul>	<p><b>Very good</b></p> <ul style="list-style-type: none"> <li>• As per the requirement of TEQIP following 4 funds has been set up. <ul style="list-style-type: none"> <li>○ Corpus Fund 59.64 Lakhs</li> <li>○ Faculty Development Fund 83.15 Lakhs</li> <li>○ Equipment Replacement Fund 59.02 Lakhs</li> <li>○ Maintenance Fund 59.03 Lakhs</li> </ul> </li> <li>• 50% of Development Reserve Fund (DRF) is deposited in corpus</li> <li>• 50% of remaining DRF &amp; 100% IRG is used for purchasing equipment, modernizing lab &amp; infrastructure.</li> <li>• Institutional Resources are utilized for imparting teaching-learning and evaluation, STTPs and skill enhancement programs etc.</li> </ul>
<ul style="list-style-type: none"> <li>• Generation, retention and utilization of Income Revenue Generation</li> </ul>	<p><b>Very good</b></p> <ul style="list-style-type: none"> <li>• 50% of testing amount given back to concerned Dept./faculty</li> <li>• 60% of consultancy amount given back to concerned Dept./faculty</li> <li>• Remaining funds are fully utilized for the development of activities of the institute.</li> <li>• 50% of Development Reserve Fund (DRF) &amp; 100% IRG is used for purchasing equipment, modernizing lab &amp; infrastructure.</li> <li>• Institutional Resources are utilized for imparting teaching-learning and evaluation, STTPs and skill enhancement programs etc.</li> <li>• Total IRG of Rs. 2289 Lakhs is generated during the project period.</li> </ul>
Grade-1	<p><b>Grade-1</b></p> <p><b>OVERALL EVALUATION GRADE FOR 2.1</b></p> <p>USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>

  
26.08.2016

14

## COMPONENT 2: IMPROVING SYSTEM MANAGEMENT


## 2.1: CAPACITY BUILDING TO STRENGTHEN MANAGEMENT (continued)

NAME OF THE PERFORMANCE AUDITOR: Dr. K. Balaveera ReddyDATES OF PERFORMANCE AUDIT : 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> August 2016NAME OF INSTITUTION WITH LOCATION: WALCHAND COLLEGE OF ENGG., SANGLI

## 2.1.1 IMPLEMENTATION OF GOOD GOVERNANCE

(See Also Annex 4 of the Good Governance for Governing Bodies for examples of supporting evidence)

MONITORING AND PROJECT OUTPUT/OUTCOME PARARAMENTERS	SUPPORTING EVIDENCE (NOTE: GRADES MUST SUPPORTED BY SOUND EVIDENCE OF ACHIEVEMENT OF THE INSTITUTIONAL DEVELOPMENT PROPOSAL GOALS AND TARGETS)
<b>A. PRIMARY ACCOUNTABILITES:</b>	
<ul style="list-style-type: none"> <li>Has the Governing Body approved the institutional strategic vision, mission and plan-identifying a clear development path for the institution through its long-term business plans and annual budgets?</li> </ul>	<p>Yes</p> <ul style="list-style-type: none"> <li>Annual Budget reports from 2010-11 to 2015-16 have been approved by Administrative Council.</li> <li>Every year bottom up Approach is used for preparation of Budget.</li> <li>The institutional strategic Vision, Mission, Quality Policy, Core Values and development plans have been approved by Administrative Council.</li> <li>Departmental Vision, Mission and Short Term, Medium Term and Long Term Goals have been identified.</li> <li>Strategic development plan is in progress.</li> </ul>
<ul style="list-style-type: none"> <li>Has the Governing Body ensured the establishment and monitoring of proper, effective and efficient systems of control and accountability to ensure financial sustainability</li> </ul>	<p>Yes-Government Aided Institution</p> <ul style="list-style-type: none"> <li>Institute has well defined organizational structure.</li> <li>The institute is governed by the Administrative Council.</li> <li>Institute has MIS system in place.</li> <li>Annual Budget for every year recommended by Finance Committee is approved by the Administrative Council.</li> <li>Balance sheets of every year shows financial sustainability.</li> <li>Internal and external financial audits have been conducted.</li> <li>Budget planning is approved by Administrative Council.</li> </ul>
<ul style="list-style-type: none"> <li>Is the Governing Body monitoring institutional performance and quality assurance arrangements?</li> </ul>	<p>Yes</p> <ul style="list-style-type: none"> <li>Frequency of meetings of Administrative Council is four times in a year.</li> <li>Dean Quality Assurance is appointed and cell is existence for last 2 years.</li> </ul>



26.08.2016



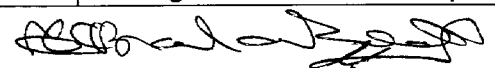
	<ul style="list-style-type: none"> <li>• Obtained A grade from National Assessment Accreditation Council (NAAC)</li> <li>• Obtained NBA accreditation for 5 UG programs.</li> <li>• Academic Subjects are reviewed by Academic Council.</li> <li>• Academic council prepares &amp; approves academic rules &amp; regulations.</li> <li>• Administrative council approve budget every year.</li> <li>• Yearly financial audit &amp; statements of accounts are approved in Administrative council meeting.</li> </ul>
<ul style="list-style-type: none"> <li>• Has the Governing Body put in place suitable arrangements for monitoring the head of the institutions performance?</li> </ul>	<p>Yes</p> <ul style="list-style-type: none"> <li>• Performance appraisal of Head of the Institute is done periodically by Chairman of Administrative Council.</li> <li>• Every month progress in various activities are reported to the Chairman.</li> <li>• Director's reports are placed in Administrative Council meeting for discussion and approval.</li> </ul>
Grade-1	<p>Grade-1</p> <p><b>EVALUATION GRADE FOR 2.1.1A</b></p> <p>USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>
<b>B. OPENNESS &amp; TRANSPARANCY IN THE OPERATION OF GOVERNING BODIES</b>	
<ul style="list-style-type: none"> <li>• Does the Governing Body publish an annual report on institutional performance?</li> </ul>	<p>Yes-</p> <ul style="list-style-type: none"> <li>• Annual progress reports are published every year.</li> <li>• Annual R&amp;D proposals are placed before Administrative Council.</li> <li>• Institution Brochure is published annually with all activities of institute.</li> </ul>
<ul style="list-style-type: none"> <li>• Does the Governing Body maintain, and publicly disclose, a register of interests of members of its governing body?</li> </ul>	<p>Yes-</p> <ul style="list-style-type: none"> <li>• Annual reports indicate project disclosure of academic matters.</li> <li>• Proceedings of meeting of Board of Studies, Academic Council and Administrative Council are displayed.</li> </ul>
<ul style="list-style-type: none"> <li>• Is the Governing Body conducted in an open a manner, and does it provide as much information as possible to students, faculty, the general public and potential employers on all aspects of institutional activity related to Academic performance, finance and management?</li> </ul>	<p>Yes-</p> <ul style="list-style-type: none"> <li>• Required Academic performance information is displayed to faculty, students and general public.</li> <li>• Representation of students in Department Advisory Boards</li> <li>• Department Advisory Boards consist of faculty from institute, faculty from other institutes, industry experts and students.</li> <li>• Some important decisions are referred to Academic Council &amp; Administrative Council.</li> </ul>

*[Signature]*  
26-08-2016

16

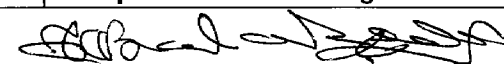


	<ul style="list-style-type: none"> <li>• Admissions are as per Govt. rules in a transparent manner.</li> <li>• All seats admitted are filled with very high cut off marks.</li> <li>• 100% admissions in UG &amp; PG programs.</li> <li>• Feedback from Alumni and parents are obtained every year.</li> <li>• Finance committee suggests all finance related policies of the college.</li> <li>• Local management committee recommends to the administrative council the schemes for better functioning and governance of the college.</li> </ul>
<b>Grade-1</b>	<b>Grade-1</b> <b>EVALUATION GRADE FOR 2.1.1B</b> USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)
<b>C. KEY ATTRIBUTES OF GOVERNING BODIES</b>	
<ul style="list-style-type: none"> <li>• Are the size, skill, competences and experiences of the Governing Body, such that it is able to carry out its primary accountabilities effectively and efficiently, and ensure the confidence of its stakeholders and constituents?</li> </ul>	<b>Yes-</b> <ul style="list-style-type: none"> <li>• The institute is governed by Administrative Council.</li> <li>• The Administrative Council is constituted as per norms of Statutory Bodies.</li> <li>• Government nominees from UGC, AICTE, DTE Mumbai, Shivaji University Kolhapur are represented in the Administrative Council.</li> <li>• 2 senior members from teaching faculty are represented in the Administrative Council.</li> <li>• The Administrative Council meetings are held regularly four times in a year.</li> <li>• The dates of all Administrative Council meetings during the next two years are decided in advance by the management, and known to all the members in advance, and are followed scrupulously.</li> <li>• Well qualified, competent and experienced members are serving in Administrative Council.</li> <li>• Minutes of meetings of Administrative Council are available on request of stake holders.</li> </ul>
<ul style="list-style-type: none"> <li>• Are the recruitment processes and procedures for governing body members rigorous and transparent?</li> </ul>	<b>Yes- Quite transparent</b> <ul style="list-style-type: none"> <li>• Constitution of Administrative Council is as per norms of statutory bodies and are more transparent.</li> <li>• 2 senior members from teaching faculty are represented in the Administrative Council by rotation for a period of 5 years.</li> <li>• 6 government nominees represent in the Administrative Council.</li> </ul>

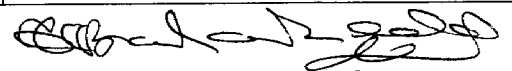
  
 26-08-2016

(17)


<ul style="list-style-type: none"> <li>Does the Governing Body have actively involved independent members and is the institution free from direct political interference to ensure Academic freedom and focus on long term educational objectives?</li> </ul>	<p><b>Yes-Academic freedom exists.</b></p> <ul style="list-style-type: none"> <li>Respective Statutory Bodies nominate the members to Administrative Council.</li> <li>All members are actively involved for better functioning &amp; governance of the college.</li> <li>Free from Political interference in Academic activities of the institute.</li> </ul>
<ul style="list-style-type: none"> <li>Are the role and responsibilities of the Chair of the institution and the Member Secretary serving the Governing Body clearly stated?</li> </ul>	<p><b>Yes</b></p> <ul style="list-style-type: none"> <li>Bylaws and rules of Administrative Council clearly defined about the rules and responsibilities of the chair, secretary and other members.</li> <li>Budget &amp; yearly financial audit and statements of accounts are approved in Administrative Council meeting.</li> <li>Policies approved by the administrative council are implemented by the member secretary (Director) and his team at the institute level.</li> <li>Workshop was conducted for all members of Administrative Council about good governance.</li> </ul>
<ul style="list-style-type: none"> <li>Does the Governing Body meet regularly? Is their clear evidence that members of the governing body attend regularly and participate actively?</li> </ul>	<p><b>Yes</b></p> <ul style="list-style-type: none"> <li>The Administrative Council meeting are held regularly four times in a year.</li> <li>The dates of all Administrative Council meetings during the next two years are decided in advance by the management, and known to all the members in advance, and are followed scrupulously.</li> <li>All members attend regularly as seen from the minutes of Administrative Council and participate actively.</li> </ul>
<b>Grade-1</b>	<p><b>Grade-1</b></p> <p><b>EVALUATION GRADE FOR 2.1.1C</b></p> <p>USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>
<b>D) EFFECTIVENESS AND PERFORMANCE REVIEW OF GOVERNING BODIES</b>	
<ul style="list-style-type: none"> <li>Does the Governing Body keep their effectiveness under regular review and in reviewing its performance, reflect on the performance of the institution as a whole in meeting its long-term strategic objectives and its short-term indicators of performance/success?</li> </ul>	<p><b>Yes-</b></p> <ul style="list-style-type: none"> <li>The administrative council reviews the performance of the institution as a whole as per the development plan.</li> <li>Administrative Council Reviews the performance of the Head of the Institution &amp; Institutional Activities. (results, placements, research, consultancy) etc.</li> <li>Administrative council meeting minutes reflect on the performance and long term strategic objectives of the institute.</li> </ul>

  
26.08.2016

	<ul style="list-style-type: none"> <li>Various committees are constituted by the Administrative council for smooth functioning of various activities of the college and implementation of policies.</li> </ul>
<ul style="list-style-type: none"> <li>Does the Governing Body ensure that new members are properly inducted, and existing members receive opportunities for further development as deemed necessary?</li> </ul>	<p>Yes-</p> <ul style="list-style-type: none"> <li>It is government aided institute.</li> <li>The new members are invited as per government and statutory bodies norms.</li> <li>All members of Administrative Council take responsibilities &amp; active participation for the development of Institution.</li> </ul>
Grade-1	<p align="center"><b>Grade-1</b></p> <p align="center"><b>EVALUATION GRADE FOR 2.1.1D</b></p> <p align="center">USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>
<b>E) REGULATORY COMPLIANCE</b>	
<ul style="list-style-type: none"> <li>Does the Governing ensure regulatory compliance* and, subject to this take all final decisions on fundamental matters of the institution.</li> </ul>	<p>Yes- It is a Government Aided Institution.</p> <ul style="list-style-type: none"> <li>Governed by regulatory bodies</li> <li>Policies approved by the Administrative Council are implemented by the secretary at the institute level.</li> <li>Local management Committee (LMC) acts as bridge between management &amp; institute.</li> <li>All academic &amp; financial matters are finalized by the Administrative Council</li> <li>Institution is Autonomous and therefore complied with various bylaws, ordinances and statutes.</li> <li>Fee structure is as per Govt. norms.</li> <li>Admissions are on merit basis as per State Govt. norms.</li> <li>Eligibility criteria is governed by University.</li> </ul>
<ul style="list-style-type: none"> <li>Does the regulatory compliance include demonstrating compliance with the 'not-for-profit' purpose of education institutions?</li> </ul>	<p>Yes-Government Aided Institution</p> <ul style="list-style-type: none"> <li>Minutes of Administrative Council meeting clearly demonstrate compliance with not for profit purpose</li> <li>Funds generated are used for development of Infrastructure, research and other facilities.</li> </ul>

  
 26-08-2016

<ul style="list-style-type: none"> <li>Has there been accreditation and/or external quality assurance by a national or professional body? If so, give name, current status of accreditation etc.</li> </ul>	<b>Yes- Accredited by NAAC &amp; NBA.</b> <ul style="list-style-type: none"> <li>Obtained A grade from National Assessment Accreditation Council (NAAC)</li> <li>Obtained NBA accreditation for 5 UG programs.</li> <li>2 PG programs were accredited.</li> <li>5 PG programs are applied for accreditation and waiting for NBA visit.</li> <li>1 UG program &amp; 4 PG program are in the process of applying for NBA accreditation.</li> </ul>
<p style="text-align: center;"><b>Grade-1</b></p>	<p style="text-align: center;"><b>Grade-1</b>  <b>EVALUATION GRADE FOR 2.1.1E</b>  USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>
<p style="text-align: center;"><b>Grade-1</b></p>	<p style="text-align: center;"><b>Grade-1</b>  <b>OVERALL EVALUATION GRADE FOR 2.1.1A-E</b>  USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>

  
26.08.2016



## COMPONENT 2: IMPROVING SYSTEM MANAGEMENT

NAME OF THE PERFORMANCE AUDITOR: Dr. K. Balaveera ReddyDATES OF PERFORMANCE AUDIT : 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> August 2016NAME OF INSTITUTION WITH LOCATION: WALCHAND COLLEGE OF ENGG., SANGLI

TABLE 2.2 PROJECT MANAGEMENT, MONITORING &amp; EVALUATION

MONITORING AND PROJECT OUTPUT/OUTCOME PARAMETERS	SUPPORTING EVIDENCE (NOTE: GRADES MUST SUPPORTED BY SOUND EVIDENCE OF ACHIEVEMENT OF THE INSTITUTIONAL DEVELOPMENT PROPOSAL GOALS AND TARGETS)
<p><b>A. Effectiveness of mentoring, reviews, surveys and audits conducted including:</b></p> <ul style="list-style-type: none"> <li>Increase in the achievement of the institutions goals and targets set out in the institutional Development Proposal</li> </ul>	<p>Yes, Very good</p> <ul style="list-style-type: none"> <li>Training Need Analysis (TNA) is carried out to improve skills of teaching/non-teaching staff.</li> <li>All key performance indicators are satisfied as per all JRMs.</li> <li>Performance of Institution evaluated by NPIU at 6<sup>th</sup> Joint Review meeting held on February 2016 on 8 Point basis is 8/8.</li> <li>Internal/External Academic Audit is in place.</li> <li>Time to Time suggestions given by mentor and performance Auditor are implemented.</li> </ul>
<p><b>B. Effective Project Management and Monitoring, Including:</b></p> <ul style="list-style-type: none"> <li>Precise and reliable information/PERFORMANCE through web based MIS available to stakeholders at all time</li> </ul>	<p>Good</p> <ul style="list-style-type: none"> <li>Web based MIS is well in place &amp; regularly updated.</li> <li>Web based MIS Information and Performance is available to stake holders.</li> </ul>
<p><b>C. Effectiveness of faculty evaluation by students, including:</b></p> <ul style="list-style-type: none"> <li>Percentage/increase in percentage of faculty evaluated by students in one or more subjects</li> <li>Are results of evaluation properly used for teacher improvement?</li> </ul> <p>If yes, is the procedure adopted for teacher improvement including counseling appropriate and effective?</p>	<p>Yes</p> <ul style="list-style-type: none"> <li>Evaluation of faculty has been done by students at regular interval.</li> <li>Faculty members have been evaluated by students in respective subjects at the mid of every semester.</li> <li>Results of evaluation by students are discussed and used for teacher improvement.</li> <li>Counseling of teachers is done based on students' feedback by deans and HODs of respective department.</li> <li>Feedback given by students and counseling of teachers by Deans &amp; HODS are quite effective for teacher's improvement.</li> </ul>
Grade-1	<p>Grade-1</p> <p><b>OVERALL EVALUATION GRADE FOR 2.2</b></p> <p>USING THE 3-POINT GRADING SCALE AND GRADE DESCRIPTORS IN ANNEX 4(1)</p>

*[Signature]*  
26.08.2016

(21)