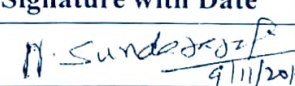




## Profile of the College

Name of College	Rasiklal M. Dhariwal Sinhgad Technical Institutes Campus		
	<b>Place: Warje, Pune-411058</b>	<b>State: Maharashtra</b>	
Date of Visit	8 <sup>th</sup> & 9 <sup>th</sup> November 2017		
Affiliating University	Savitribai Phule Pune University, Pune		
Status of College	Affiliated: <input checked="" type="checkbox"/> Constituent : <input type="checkbox"/> Autonomous: <input type="checkbox"/>		
Financial Category	Grant-in-aid <input type="checkbox"/> Government Funded <input type="checkbox"/> Self-Financing <input checked="" type="checkbox"/>		
No. of Departments	Arts: (0) Science: (0) Commerce: (0)		
	Engineering: 01 MBA: 01 Total: 02		
No. of Programmes	UG: Five (5) PG: Five (5) M.Phil.: (0)		
	Ph.D: (0) Any Other: (0) Total: Ten (10)		
Year of Establishment	2011		
UGC Recognition	Under 2 (f) and 12 (B) : No		
Location of the college	Urban <input checked="" type="checkbox"/> Semi urban <input type="checkbox"/> Rural <input type="checkbox"/> Tribal <input type="checkbox"/>		
Area of the campus (in acres)	5.5		
No. of Teachers	<b>Men</b>	<b>Women</b>	<b>Total</b>
Permanent:	90	67	157
Temporary:	0	0	0
Total no. of Teachers PhD:	05	03	08
Total no. of Teachers M. Phil:	0	0	0
Total no. of Teachers PG	85	64	149
Total No of Nonteaching Staff:	65	19	84
Technical Staff:	15	6	21
Administrative Staff:	50	13	63
No. of Students:	2429	761	3190
UG:	2162	607	2769
PG:	267	154	421
M. Phil:	-	-	-
Ph.D	-	-	-
Any Other	-	-	-

Sr. No.	Name	Designation	Signature with Date
01	Dr. N. Sundararajan	Chairperson	 9/11/2017
02	Prof. N. Alagumurthi	Member Coordinator	 9/11/17
03	Prof. Y. S. Thakur	Member	 9/11/2017
	Dr. Jagannath Patil	NAAC Officer	




**ATTESTED**

  
**Dr. V. V. Dixit**  
Principal

RMD Sinhgad Technical Institutes  
Campus, Warje, Pune - 411 058





**DIRECTOR**

RMD Sinhgad Technical Institutes Campus  
Warje, Pune - 411 058.

**PEER Team Report on  
Institutional Accreditation  
(Cycle-1)**

**Rasiklal. M. Dhariwal Sinhgad Technical Institutes Campus,  
Pune – 411058, Maharashtra**

**8<sup>th</sup> – 9<sup>th</sup> November 2017**



**National Assessment and Accreditation Council  
Bengaluru**



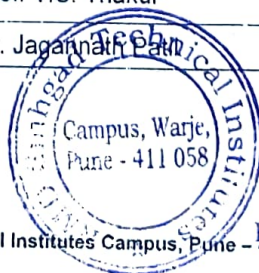
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**Dr. V. V. Dixit  
Principal**

**RMD Sinhgad Technical Institutes  
Campus, Warje, Pune - 411 058**

Section I: GENERAL	Information
1.1 Name & Address of the Institution:	R.M. Dhariwal Sinhgad Technical Institutes Campus, 111/1 warje, off Katraj – Dehu Road Bypass, Taluka Haveli, Pune – 411058, Maharashtra
1.2 Year of Establishment:	01 / 07 / 2011
1.3 Current Academic Activities at the Institution (Numbers):	
Faculties/ Schools:	02 (Engineering, and MBA)
Departments/ Centers:	06
Programmes/ Courses offered:	UG – 05 PG – 05
Permanent Faculty Members:	157
Permanent Support Staff:	Non-teaching – 63; Technical – 21
Students:	3190 (during 2017-18) [UG - 2769 PG - 421 ]
1.4 Three major features in the institutional Context (As perceived by the Peer Team):	<ul style="list-style-type: none"> <li>• Co-educational, self-financing college affiliated to Savitribai Phule Pune University with approval from AICTE.</li> <li>• College has good infrastructure and facilities.</li> <li>• College strives hard to impart knowledge to the students to enhance their competency.</li> </ul>
1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	8 <sup>th</sup> – 9 <sup>th</sup> November 2017.
1.6 Composition of the Peer Team which undertook the on- site visit:	
Chairperson	Dr. N. Sundararajan
Member Coordinator	Prof. N Alagumurthi
Member	Prof. Y.S. Thakur
NAAC Officer	Dr. Jagannath Patil

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**Dr. V. V. Dixit**  
Principal

R.M. Dhariwal Sinhgad Technical Institutes Campus, Pune - 411058

R.M. Dhariwal Sinhgad Technical Institutes  
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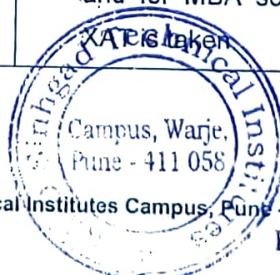
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*Y.S. Thakur*  
9/11/17



<b>SECTION II: CRITERION WISE ANALYSIS</b>	
<b>2.1 Curricular Aspects:</b>	
2.1.1 Curricular Planning & Implementation:	<ul style="list-style-type: none"> <li>• Curriculum designed by the affiliating University.</li> <li>• Some of the faculty members have taken part in the curriculum design as BoS members of the University.</li> <li>• Academic Monitoring Committee takes care of the implementation of the curriculum.</li> </ul>
2.1.2 Academic Flexibility:	<ul style="list-style-type: none"> <li>• Core/Electives offered by the University are adopted both at UG and PG level.</li> <li>• The affiliating university provides flexibility to offer open electives.</li> <li>• All the programmes are under semester pattern.</li> </ul>
2.1.3 Curriculum Enrichment:	<ul style="list-style-type: none"> <li>• Curriculum revision undertaken by the university once in four years.</li> <li>• A few certificate / skill development courses are organized.</li> <li>• College may think of introducing more useful job oriented Diploma / Certificate courses.</li> </ul>
2.1.4 Feedback System:	<ul style="list-style-type: none"> <li>• Feedback from various stakeholders is obtained.</li> <li>• Feedback mechanism from all stakeholders need further strengthening.</li> </ul>
<b>2.2 Teaching-Learning &amp; Evaluation:</b>	
2.2.1 Student Enrolment and Profile:	<ul style="list-style-type: none"> <li>• Publicity and transparency in the admission process is ensured and the reservation policy of the government is followed.</li> <li>• Management quota of 20% is filled by the college while the rest are through CET / JEE as per norms of DTE.</li> <li>• For PG admissions score of GATE is considered and for MBA score of CAT, MAT, ATMA and</li> </ul>

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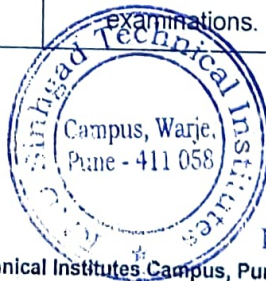
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<p>2.2.2 Catering to Student Diversity:</p>	<ul style="list-style-type: none"> <li>• College caters to the needs of differently abled students.</li> <li>• Remedial classes arranged for those in need.</li> <li>• Teacher Guardian system may be more effectively implemented.</li> </ul>
<p>2.2.3 Teaching-Learning Process:</p>	<ul style="list-style-type: none"> <li>• Academic calendar synchronizing with university calendar prepared and executed.</li> <li>• Self-learning, interactive, collaborative and project based learning methods are adopted.</li> <li>• Conventional teaching methods are supplemented with industry visits, technical paper writing, poster presentation, K-point server for uploading the lectures.</li> </ul>
<p>2.2.4 Teacher Quality:</p>	<ul style="list-style-type: none"> <li>• Faculty members are recruited as per AICTE and the SP Pune University guidelines.</li> <li>• Eight faculty members have Ph.D.</li> <li>• Some faculty members have received awards and attended refresher courses / orientation and other training programmes.</li> <li>• Faculty need to be motivated to upgrade their qualification leading to Ph.D.</li> </ul>
<p>2.2.5 Evaluation Process and Reforms:</p>	<ul style="list-style-type: none"> <li>• Evaluation methods and reforms of the affiliating university followed.</li> <li>• Continuous evaluation through in-semester examination followed.</li> <li>• Examination related grievances are addressed.</li> </ul>
<p>2.2.6 Student Performance and Learning Outcomes:</p>	<ul style="list-style-type: none"> <li>• Pass percentage of students in the University final examination is good at UG, and MBA while it is less at M.E level.</li> <li>• Learning outcomes are reflected in the students securing good placements and in competitive examinations.</li> </ul>

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**Dr. V. V. Dixit**  
 Principal

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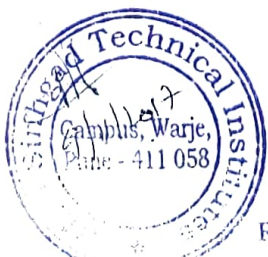
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<b>2.3 Research, Consultancy &amp; Extension:</b>	
2.3.1 Promotion of Research:	<ul style="list-style-type: none"> <li>• A Research Committee exists but its activities need further strengthening.</li> <li>• Provision for seed money, sabbatical leave to promote research exists.</li> <li>• Students projects are guided by the faculty.</li> </ul>
2.3.2 Resource Mobilization for Research:	<ul style="list-style-type: none"> <li>• Budget is provided for promotion of research.</li> <li>• Institution has received grants from SPPU for conducting workshops and two ongoing projects.</li> <li>• Faculty members need to be motivated to take up minor / major research projects of Societal and National significance.</li> </ul>
2.3.3 Research Facilities:	<ul style="list-style-type: none"> <li>• E-Journals, Wi-Fi with leased internet connectivity and computer facilities are available.</li> <li>• Institute has received funds from SPPU and NVIDIA, Singapore PTE Ltd. for procuring some research facilities.</li> <li>• Research facilities need augmentation for carrying out active research resulting in good publications.</li> </ul>
2.3.4 Research Publications and Awards:	<ul style="list-style-type: none"> <li>• Faculty members have published research papers in Journals and authored some books.</li> <li>• Some faculty members have attended National / International conferences and presented papers.</li> <li>• A few faculty members have received awards / recognitions</li> <li>• Faculty members need to be encouraged to publish more research papers in indexed National / International journals of repute.</li> </ul>
2.3.5 Consultancy:	<ul style="list-style-type: none"> <li>• Some faculty members are involved in consultancy and have generated some revenue.</li> <li>• Two patents have been filed.</li> <li>• Consultancy cell/ IPR cell need to be established and creditable expertise be developed.</li> </ul>

R.M. Dhariwal Sinhgad Technical Institutes Campus, Pune – 411053

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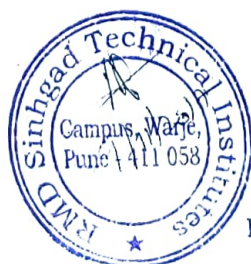
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<p>2.3.6 Extension Activities and Institutional Social Responsibility:</p>	<ul style="list-style-type: none"> <li>• Extension activities are through NSS unit.</li> <li>• Extension activities include Blood donation camps, tree plantation, road safety camps and community development work.</li> </ul>
<p>2.3.7 Collaborations:</p>	<ul style="list-style-type: none"> <li>• College has signed some useful MoU's with various industries and organisations for training, placement and participation in technical events.</li> <li>• College has collaborative research association with Center for Communication, Media &amp; Information Technologies, Aalborg University, Denmark</li> <li>• Industry – Institutions linkages needs further strengthening.</li> </ul>
<p><b>2.4 Infrastructure and Learning Resources:</b></p>	
<p>2.4.1 Physical Facilities:</p>	<ul style="list-style-type: none"> <li>• College has a campus area of 5.5 acres with a built up area of 23,000 sqm with enough number of class rooms and laboratories as per AICTE norms.</li> <li>• Adequate infrastructures for academic, administrative, co-curricular and extra-curricular activities exist.</li> <li>• Some of the other facilities include canteen, separate common room for boys &amp; girls and playground.</li> </ul>
<p>2.4.2 Library as a Learning Resource:</p>	<ul style="list-style-type: none"> <li>• College library is automated and web OPAC is available for the users.</li> <li>• Library has 17822 text books, 4181 reference books and subscribes to 80 Journals / periodicals, IEEE, Science Direct and Pro Quest Databases</li> <li>• A digital library with five terminals having internet connectivity available to access e-publications.</li> </ul>



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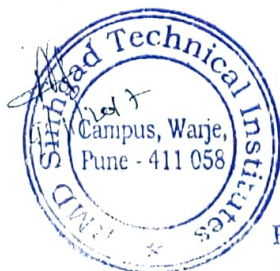
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<p>2.4.3 IT Infrastructure:</p>	<ul style="list-style-type: none"> <li>• Adequate number of computers, printers, LCD projectors, scanners, video conferencing facility are available.</li> <li>• Campus is Wi-Fi enabled and all necessary licensed softwares are available.</li> <li>• College has its own website www.sinhgad.edu and is updated periodically.</li> </ul>
<p>2.4.4 Maintenance of Campus Facilities:</p>	<ul style="list-style-type: none"> <li>• Budget allotted for maintenance of buildings and other accessories.</li> <li>• Housekeeping services are regularly executed and monitored by OS</li> </ul>
<p><b>2.5 Student Support and Progression:</b></p>	
<p>2.5.1 Student Mentoring and Support:</p>	<ul style="list-style-type: none"> <li>• Every year the college publishes the prospectus giving all relevant informations.</li> <li>• Financial assistance to SC/ST and other minority students from the government and Institutional scholarship in the form of tuition fee waiver to students available.</li> <li>• Counseling Cell, Anti-Sexual Harassment Cell, Anti-ragging Cell, Grievance redressal Cell and Placement and Training Cell are the other support services available to students.</li> </ul>
<p>2.5.2 Student Progression:</p>	<ul style="list-style-type: none"> <li>• Dropout rate at UG is 6.4% and at PG is 0.3%.</li> <li>• Performance of the students in the M.E. examination is low while in the other disciplines it is good.</li> </ul>
<p>2.5.3 Student Participation and Activities:</p>	<ul style="list-style-type: none"> <li>• Students have participated in sports and other technical competitions at the Inter-university levels and organize the annual cultural festival Sinhgad Karandak and Neon.</li> <li>• The activities of Alumni Association and Placement Cell need further strengthening.</li> </ul>

R.M. Dhariwal, Sinhgad Technical Institutes Campus, Pune - 411058

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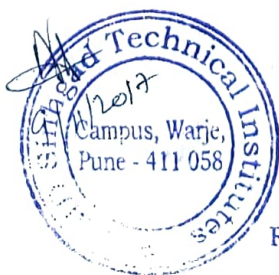
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<p><b>2.6 Governance, Leadership and Management:</b></p>	
<p>2.6.1 Institutional Vision and Leadership:</p>	<ul style="list-style-type: none"> <li>• The vision and mission of the college are in consonance with the objectives of higher education.</li> <li>• The LMC along with the principal and the various committees formed takes care of the day-to-day administration.</li> <li>• Decentralized governance seen.</li> </ul>
<p>2.6.2 Strategy Development and Deployment:</p>	<ul style="list-style-type: none"> <li>• The Management of the college has prepared a perspective plan for both academic and financial growth.</li> <li>• Management supports the activities of the institution.</li> <li>• Online feedback of students taken and AMC analyses the same.</li> </ul>
<p>2.6.3 Faculty Empowerment Strategies:</p>	<ul style="list-style-type: none"> <li>• Faculty encouraged to attend National / International conferences, FDPs and STTPs</li> <li>• Welfare schemes like group Insurance, Accidental Insurance, Free medical treatment, maternity leave, sabbatical leave, PF and gratuity are available.</li> <li>• Professional development of teaching and non-teaching staff taken care of.</li> </ul>
<p>2.6.4 Financial Management and Resource Mobilization:</p>	<ul style="list-style-type: none"> <li>• Fees collected from students is the major source of revenue and the deficit if any is taken care by the STE society.</li> <li>• Internal and External audit are carried out periodically.</li> <li>• Optimum utilization of the financial resources seen.</li> </ul>



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2.6.5 Internal Quality Assurance System:	<ul style="list-style-type: none"> <li>• IQAC has been established recently</li> <li>• The AMC takes care of the academic audit.</li> </ul>
<b>2.7 Innovations and Best Practices:</b>	
2.7.1 Environment Consciousness:	<ul style="list-style-type: none"> <li>• Eco friendly campus with sufficient plantation.</li> <li>• Green Audit, Energy Audit carried out and efforts to achieve carbon neutrality are undertaken.</li> <li>• College is sensitive to the use of solar energy and rain water harvesting.</li> </ul>
2.7.2 Innovations:	<ul style="list-style-type: none"> <li>• Train the trainer, Sinhgad Karandak.</li> <li>• GEMS, K-point software developed for students/Faculties.</li> </ul>
2.7.3 Best Practices:	<ul style="list-style-type: none"> <li>• Project based learning.</li> <li>• Comprehensive student training programme.</li> </ul>
<b>Section III: OVERALL ANALYSIS</b>	
3.1 Institutional Strengths:	<ul style="list-style-type: none"> <li>• Conducive and collaborative work environment.</li> <li>• Adequate infrastructure facilities.</li> <li>• Proactive and participative management.</li> <li>• Good rapport among various stakeholders.</li> <li>• Accessible location</li> </ul>
3.2 Institutional Weaknesses:	<ul style="list-style-type: none"> <li>• Less number of research publications.</li> <li>• Limited number of funded research projects.</li> <li>• Only very few faculty have Ph.D. degree.</li> <li>• Lack of inter-disciplinary projects.</li> <li>• Very limited consultancy services.</li> </ul>
3.3 Institutional Opportunities:	<ul style="list-style-type: none"> <li>• Proximity to IT &amp; automobile industry hub for networking and partnership.</li> <li>• Scope for inter-disciplinary and collaborative research.</li> </ul>

R.M. Dhanrajat Sinhgad Technical Institutes Campus, Pune - 411058

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	<ul style="list-style-type: none"> <li>• To attract good faculty with Ph.D. and to retain them.</li> <li>• To augment the research facilities</li> <li>• Attract good meritorious students from all over the country.</li> </ul>
<p>3.4 Institutional Challenges:</p>	<ul style="list-style-type: none"> <li>• Emerging of academic institutions in the neighborhood.</li> <li>• Introducing interdisciplinary courses in emerging areas.</li> <li>• Mobilization of resources for carrying out active research.</li> <li>• Establishing useful linkages with National and International organisations of repute.</li> </ul>

**Section IV: RECOMMENDATIONS FOR QUALITY ENCHANCEMENT OF THE INSTITUTION**

- Value added career and job oriented Diploma / Certificate courses may be introduced.
- Courses in emerging areas like Aerospace Engineering, Fire Safety Engineering, Data Science, Internet of Things may be introduced.
- Teacher – Student ratio and Cadre ratio need to be maintained as per AICTE norm.
- Senior faculty at Professor / Associate Professor level in almost all the departments need to be appointed.
- Faculty members may be motivated to upgrade their qualifications leading to Ph.D.
- Faculty to be encouraged to take up extramural projects of Societal and National importance.
- Feedback mechanism and its analysis need strengthening.
- A consultancy cell need to be established to develop credible expertise in consultancy services.



R.M. Dhanwal Sinhgad Technical Institutes Campus, Pune – 411058

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**Dr. V. V. Dixit**  
 Principal

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 Campus, Warje, Pune - 411 058

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- Activities of Alumni Association and Placement Cell to be strengthened further.
- Research facilities need augmentation particularly in the areas of expertise available among the faculty to facilitate them to take up active research.

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



*C.B. Bangal*  
Signature of the Head of the Institution  
(Dr. C.B. Bangal)  
Principal

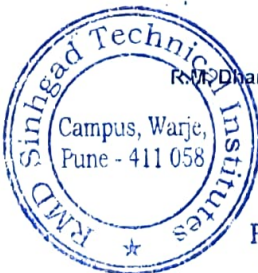
DIRECTOR  
RMD Sinhgad Technical Institutes Campus  
Warje, Pune - 411 058.

Signatures of the Peer Team Members:

Name and Designation		Signature with date
Dr. N. Sundararajan Vice Chancellor Jain University, Bangalore – 560 002, Karnataka	Chairperson	<i>N. Sundararajan</i> 9/11/2017
Prof. Y. S. Thakur Dean & Head Department of Business Management & Commerce Dr. Hari Singh Gour Central University, Sagar – 470003, Madhya Pradesh	Member	<i>Y.S. Thakur</i> 9/11/2017
Prof. N Alagumurthi Professor Dept. of Mechanical Engineering Pondicherry Engineering College, Pondicherry-605014	Member Coordinator	<i>N. Alagumurthi</i> 9/11/17
Dr. Jagannath Patil Adviser, NAAC P.O. Box 1075 Nagarbhavi Bangalore – 560 072, Karnataka NAAC, Bangalore – 560 072	NAAC Officer	

Place: Pune – 411058, Maharashtra

Date: 9<sup>th</sup> November 2017



**ATTESTED**

RMD Dhariwal Sinhgad Technical Institutes Campus, Pune – 411058

*V.V. Dixit*  
Dr. V. V. Dixit  
Principal

RMD Sinhgad Technical Institutes  
Campus, Warje, Pune - 411 058