

PEER TEAM REPORT
ON
INSTITUTIONAL ASSESSMENT AND
ACCREDITATION

OF

**Rajendra Mane College of Engineering and Technology
Ambav (Devrukh), Dist. Ratnagiri, Maharashtra-415804**

1st Cycle

Visit Dates
3rd - 4th November, 2017



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National Assessment and Accreditation Council

An Autonomous Institution of the University Grants Commission

P. Box No.1075, Nagarbhavi, Bangalore – 560007

PEER TEAM REPORT ON Institutional Assessment & Accreditation of Rajendra Mane College of Engineering and Technology Ambav (Devrukh), Dist. Ratnagiri, Maharashtra-415804 India	
Section I : GENERAL	Information
1.1 Name & Address of the Institution	Rajendra Mane College of Engineering and Technology Ambav (Devrukh), Dist. Ratnagiri, Maharashtra-415804 India
1.2 Year of Establishment	1998
1.3 Current Academic Activities at the Institution (Numbers):	
• Faculties / Schools :	Engineering and Management
• Departments / Centers :	05
• Programmes / Courses offered :	UG-04, P.G. – 01
• Permanent Faculty Members :	49(M) 11(F) Total 60; 10 Temporary
• Permanent Support Staff:	Non Teaching 86(M) 2(F) Total-88
• Students :	UG –650 (M), 167 (F) Total - 817 P.G– 44(M), 43 (F) Total - 87
1.4 Three major features in the institutional context (As perceived by the Peer Team) :	<ul style="list-style-type: none"> • Located in remote Konkan Area to serve rural youth. • Self-financed college affiliated to University of Mumbai. • The college has good infrastructural facilities.
1.5 Dates of visits of the Peer Team (a detailed visit scheduled may be included as annexure) :	3 rd -4 th November, 2017.
1.6 Composition of the Peer Team which undertook the on-sight visit :	
Chairperson :	Dr. Prof. Mulimani. B.G. (Former Vice-Chancellor, Gulbarga University, Karnataka) Resi: "Chandra", Channama Nagar, Saptapur Area, Dharwad – 580 001 Karnataka
Member Coordinator:	Dr. Urmibrata Bandyopadhyay (Former Principal, JIS College of Engineering, West Bengal) Resi: Flat No. 13, Block-7, HIG-2A, Chhayant Abasan, Kolkata - 700 075, West Bengal
Member :	Dr. Arvind Kalia, Professor. Department of Computer Science, Himachal Pradesh University, Summer Hill, Shimla-171005. Himachal Pradesh
NAAC Officer :	Dr. Ganesh Hegde Deputy Adviser, (NAAC) Opposite to National Law School of India University, Nagarbhavi, Bangalore -560072 Karnataka

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Section II : CRITERION WISE ANALYSIS	Observations (Strengths and / or Weaknesses) on Key-Aspects
2.1. Curricular Aspects :	
2.1.1 Curricular Planning and Implementation:	<ul style="list-style-type: none"> • College adopts curriculum designed and developed by University of Mumbai. • Limited role in curriculum design as an affiliated college • Implementation is done through various academic bodies
2.1.2 Academic Flexibility :	<ul style="list-style-type: none"> • Limited scope of academic flexibility as an affiliated college. • Choice Based Credit and Grading System is followed as per university norms. • College offers in all four UG and one PG courses under self-financing mode.
2.1.3 Curriculum Enrichment :	<ul style="list-style-type: none"> • Curriculum reviewed periodically by the university. • Some value added programs are introduced. • Practical/Skill components needs strengthening
2.1.4 Feedback System:	<ul style="list-style-type: none"> • College has a formal system of feedback from stakeholders. • Feedback be communicated to the stakeholders. • Feedback be analyzed and evaluated for positive action.
2.2. Teaching, Learning and Evaluation :	
2.2.1 Student Enrolment and Profile :	<ul style="list-style-type: none"> • Admission process is published in college prospectus and on website of college. • Admissions are as per University and State Govt. rules. • Efforts be made to attract students with higher merit.
2.2.2 Catering to Student Diversity::	<ul style="list-style-type: none"> • Rule of reservation is observed. • Special coaching offered for slow learners • Good representation of gender and socio-economic strata.
2.2.3 Teaching-Learning Process :	<ul style="list-style-type: none"> • Academic Calendar and subject-wise teaching plan prepared and followed • More teaching-learning process with use of ICT to be followed. • Student laboratories be upgraded. • Efforts be made to provide more exposure to industry requirements from second year itself.

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2.2.4 Teacher Quality:	<ul style="list-style-type: none"> • College has transparent mechanism to recruit qualified faculty • Only two teachers with PhD degree. • College offers opportunities for academic growth, which need to be enhanced.
2.2.5 Evaluation Process and Reforms :	<ul style="list-style-type: none"> • The evaluation schedule and methods are communicated to students. • The mechanism to redress grievances related to evaluation at college level and university level exists. • Conduct of examinations is managed systematically.
2.2.6 Student Performance and Learning Outcomes	<ul style="list-style-type: none"> • Student performance monitored through continuous evaluation. • College pass percentage is higher than university pass percentage. • Internal assessment and marks in exams is the main performance criteria.
2.3. Research, Consultancy and Extension :	
2.3.1 Promotion of Research :	<ul style="list-style-type: none"> • No research center exists. • College organizes seminar/workshop/conferences. • Budget for research activities be enhanced.
2.3.2 Resource Mobilization for Research :	<ul style="list-style-type: none"> • Management supplements monetary support to minor projects. • A few minor projects funded by university. • Industry support for research needs to be explored.
2.3.3 Research Facilities :	<ul style="list-style-type: none"> • ICT and library facilities are available for research. • Thrust areas be identified and needed state-of-the-art facilities be created.
2.3.4 Research and Publication and Awards:	<ul style="list-style-type: none"> • One patent granted. • Faculty publishes papers in conferences and journals. • Awareness for quality publications needed.
2.3.5 Consultancy:	<ul style="list-style-type: none"> • No distinct visible consultancy. • Structured mechanism to promote consultancy needed. • Regionally relevant areas for consultancy be explored.
2.3.6 Extension Activities and Institutional Social Responsibility:	<ul style="list-style-type: none"> • Regular extension activities undertaken through NSS. • Various outreach programmes are undertaken through NSS. • Emphasis be given to technological issues in activities concerning ISR.

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2.3.7 Collaborations :	<ul style="list-style-type: none"> • A few MoUs for placement purpose and spoken tutorials with IIT, Mumbai • Collaboration with industry and academic institutions needs to be strengthened. • A well-defined Policy for collaborations and linkages be formulated and followed.
2.4. Infrastructure and Learning Resources:	
2.4.1 Physical Facilities :	<ul style="list-style-type: none"> • College has adequate physical infrastructure for curricular, co-curricular and extra-curricular activities. • 5 Boys, 2 girls hostel • Common facilities available
2.4.2 Library as a Learning Resource:	<ul style="list-style-type: none"> • Automated Library system with CDs and online journals. • Library has a Committee to guide its functioning. • Each department has departmental library.
2.4.3 IT Infrastructure:	<ul style="list-style-type: none"> • College has sufficient number of computers, printers with lease line internet facility. • Campus is Wi-Fi enabled, has its own website. • ICT-enabled learning facilities available.
2.4.4 Maintenance of Campus Facilities:	<ul style="list-style-type: none"> • Infrastructure is well maintained. • Sufficient budget provided for repair & maintenance. • "Security" on campus be enhanced with CCTVs, fire extinguishers etc.

2.5. Student Support and Progression:	
2.5.1 Student Mentoring and Support:	<ul style="list-style-type: none"> • Scholarship and free ships available for students of SC/ ST/ OBC as per govt. rules. • Effective students mentoring is in place. • Financial assistance to economically weak students from management available.
2.5.2 Student Progression:	<ul style="list-style-type: none"> • Student progression from UG to PG & employment avenues need improvement. • Progression needs to be monitored and analyzed properly.
2.5.3 Student Participation and Activities:	<ul style="list-style-type: none"> • Students' Council is formed. • Students are encouraged to participate in sports and cultural activities • College magazine "Aarohan" published every year to encourage literary efforts among students.

2.6. Governance and Leadership:	
2.6.1 Institutional Vision and Leadership	<ul style="list-style-type: none"> • Vision and Mission statement is well defined. • The college has effective leadership which

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	<p>monitors, evaluates and improves the performance through participatory management practice.</p> <ul style="list-style-type: none"> • Delegation of responsibility through committees and participative management.
2.6.2 Strategy Development and Deployment	<ul style="list-style-type: none"> • College needs to prepare a perspective plan for its academic and its administrative growth. • Different committees in place to manage various activities. • “Incentives” be given for staff who contribute significantly.
2.6.3 Faculty Empowerment Strategies :	<ul style="list-style-type: none"> • Faculty are encouraged to attend FDP. • Various welfare schemes for teaching and non-teaching staff in place. • “Seed money” for research be enhanced.
2.6.4 Financial Management and Resource mobilization :	<ul style="list-style-type: none"> • Well conceived and efficient financial management. • Internal and external audit system in place • Student fees is main source of fund.
2.6.5 Internal Quality Assurance System :	<ul style="list-style-type: none"> • IQAC be constituted as per NAAC guidelines. • Academic and administrative audit needs effective implementation. • “Meetings” held in various units of the college must follow standard procedures.
2.7. Innovative and Best Practice:	
2.7.1 Environment Consciousness :	<ul style="list-style-type: none"> • Good greenery is maintained in the college campus and green audit is conducted. • Measures have been initiated to make campus eco-friendly. • Initiatives have been taken for energy conservation and use of renewable energy.
2.7.2 Innovations:	<ul style="list-style-type: none"> • Established e-club. • Projects related to vehicle development and robots are undertaken. • Awareness programs conducted for school students in the vicinity.
2.7.3 Best Practices :	<ul style="list-style-type: none"> • Student development through mini projects. • Student participation in national level competitions conducted by SAE and FSI.
Section III : OVERALL ANALYSIS	Observations :
3.1 Institutional strengths :	<ul style="list-style-type: none"> • Effective leadership and supportive management. • Optimal utilization of available space with good amenities, Eco-friendly campus. • Conducive atmosphere for teaching and

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	<p>learning.</p> <ul style="list-style-type: none"> • 31.5 acres of area of college campus for future development.
3.2 Institutional weaknesses :	<ul style="list-style-type: none"> • Absence of senior faculty. • Inadequate ongoing research by the faculty. • Lack of significant consultancy and collaboration. • Decreasing admissions with drop-outs. • Closure of IT course. • Majority of student projects completed in college itself.
3.3 Institutional Opportunities :	<ul style="list-style-type: none"> • The scope to obtain permanent affiliation from university. • Scope to introduce short term, value added courses with skill development. • Scope for taking projects like MODROB and RPS from different agencies including AICTE. • Regular organization of entrepreneurship and skill development programmes for the students.
3.4 Institutional Challenges	<ul style="list-style-type: none"> • Employing and retaining well qualified and senior faculty. • To promote strong research culture among faculty and students. • Resource generation for research from funding agencies. • Introduction of new job oriented and skill development programmes. • Constituting an academic advisory committee with the eminent members from premier Institutions and Industry.

Section IV: Recommendations for quality enhancement of the institution

- Ensure appointing of qualified and senior level faculty.
- The college may plan to introduce more need based, add on, skill development and enrichment programmes.
- College may plan to introduce more UG programmes.
- Faculty be encouraged to complete their PhD.
- The college may plan to organize more seminars, workshops and conferences.
- Research Center needs to be established and College may initiate necessary steps to strengthen the research activities on the campus.
- Undertake research projects from various funding agencies.
- Increase and strengthen collaborative linkages with institutions and industries for teaching, research and consultancy.
- ICT facility be strengthened and made effective by adding digital smart class rooms.
- College may plan to prepare students for Competitive Examinations successfully.

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- Effective utilization of highly placed and influential Alumni and PTA for augmenting infrastructure and learning resources.
- Training & Placement and Entrepreneurship development cells be made effectively functional.
- College transport facility be enhanced.

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



Seal of the Institution

Signature of the Head of the Institution

PRINCIPAL

Rajendra Mane College of Engineering and Technology, Ambav (Devrukh), Dist. Ratnagiri, Maharashtra-415804, India

Ambav (Devrukh), Dist. Ratnagiri,
& Technology Ambav, Devrukh,
Tal. Sangameshwar Dist. Ratnagiri,
Pin : 415804 (Maharashtra)

Peer Team.

Name	Designation	Signature with date
Dr. Prof. Mulimani. B.G.	Chairperson	 4/11/17
Dr. Urmibrata Bandyopadhyay	Member Coordinator	 4.11.17
Dr. Arvind Kalia	Member	 4/11/17
Dr. Ganesh Hegde	NAAC Officer	

Place: Devrukh, Ratnagiri.

Date: 4th November, 2017.