



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)

(Accredited by NBA, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

Department of Mechanical Engineering



Event Name	Academic audit of Mechanical Engineering Department
Theme	Initiatives in teaching and learning process
Date	18.09.2021
Venue	Design Lab, Mechanical Engineering Department

Objectives of the Program / Event

- Academic audit of Mechanical Engineering Department and Review of NBA Compliance
- Suggestions for enhancing teaching and learning process in Department of Mechanical Engineering



Academic Audit Committee meeting held on 18.09.2021

Purpose: The purpose of an academic audit is to review and encourage department to evaluate their effective implementation of Teaching and learning outcomes in delivering Quality processes.

Details about the event:

Academic audit carried out in the presence of Dr Manohar. H S, Head of the Department, Dr. L Ravi Kumar, Academic audit Member, Professor, Department Mechanical Engineering, BMSCE, Bengaluru, (Academic Expert) and Mr. Dawood (Alumni 2016 Batch) with all faculty of Department Mechanical Engineering on 18.09.2021.

Vision: To ensure academic professional quality to meet global education standards.

Addressing the GAP:

Teaching learning process gaps are identified and addressed for further improvement

Measurable outcomes:

- Understanding about importance of Enhancing teaching and learning process documentation for NBA Compliance
- Opportunities and improvements to be incorporated in implementing teaching and learning process



“Plant more Trees, Save Water, Save Electricity, Avoid Plastics, The world is in your Hands”



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Department of Mechanical Engineering



Event Name	Academic audit of Mechanical Engineering Department
Theme	Initiatives in teaching and learning process
Date	28.11.2020
Venue	Design Lab, Mechanical Engineering Department

Objectives of the Program/ Event

- Academic audit of Mechanical Engineering Department and Review of NBA Compliance
- Suggestions for enhancing teaching and learning process in Department of Mechanical Engineering

Details about the event:

Academic audit carried out in the presence of Dr Manohar. HS , Head of the Department, Dr. L Ravi Kumar, Academic audit Member, Professor, Department Mechanical Engineering, BMSCE, Bengaluru, (Academic Expert) Dr. Sundareshan, Director Marketing and Learning, Project Advisor to EI Technologies, New Honeywell Engineering Services Pvt Ltd., Bengaluru (Industry Expert) and Mr. Chirag V M (Alumni 2011 Batch) with all faculty of Department Mechanical Engineering on 29.11.2020.



Academic Audit Committee meeting held on 29.11.2020



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Department of Mechanical Engineering

Following suggestions and corrections suggested from expert as summarized below for academic activity improvement.

1. **Department Calendar of Events:** Experts not satisfied with design of calendar of event and suggested to plan activities of the current semester, Technical Sessions, Curriculum aspects and Proctoring /Mentoring schedule/meetings – Every Month through Brain storming session among staff.
2. **Course file of all faculty:** Department Web Portal for uploading information's about Assessment, Internal Marks, Assignment, solutions and Notes in the Faculty Profile. Web portal for the individual teachers to be maintained.
Course End Survey, GAP Analysis of individual subjects, Documentation of Gap analysis, Self-Audit Report of individual subject, Individual Feedback of subject thought has to be documented in the course file.
Faculty Self-Audit Report: Self-assessment for each of the subjects to done and to be updated in the personal file (Standard format for the assessment can be used). And Modern tool usage, Innovative teaching has to be implemented in all subjects.
3. **LA Question Papers:** Question Paper Blooms taxonomy level has to enhanced to next level.
4. **Result Analysis:** Individual result Comparison with student and semester wise result has to be maintained to check sustainability Batch wise, subject wise and year wise result analysis consolidated statements to be incorporated.
5. **Project Process / Mini Projects:** Continuous activity and Schedule the calendar of events (Activity scheduling) for the projects activities from 7th sem to 8th sem. Include Alumni or industries expert for the review. Assist from Industry experts for the project work. Rubrics can be reframed.
6. **Elective Counselling:** Elective Counselling – One module or complete course to be though by industry person.
7. **Assignments:** POs Should be mentioned in the Assignment Question Papers Quality Assignment to be set beyond the syllabus. Update the questions up to level 3 of Blooms taxonomy. Instructed to include few case studies.
8. **SAR Copy & NBA Result:** Suggestions from the expert Noted and advised the same to NBA Coordinators to implement without fail.

Measurable outcomes, w.r.t. realisation of Vision:

- Understanding about importance of Enhancing teaching and learning process documentation for NBA Compliance
- Opportunities and improvements to be incorporated in implementing teaching and learning process

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DEPARTMENT OF MECHANICAL ENGINEERING

Event Name	Academic Audit Meeting (2019-20)
Theme	Details of Academic Audit Meeting
Date	12 th October 2019
Venue	HOD Chamber, Mechanical Department.

Objectives of the Program/ Event

1. To assess the academic performance of the department
2. To assess the academic performance of individual faculty in a department.
3. To identify the strategies followed in the department.
4. To determine the learning objectives and progress of the department



Purpose: The Academic Audit is carried out to assess the overall performance of the department in delivering quality education to the stake holders.



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DEPARTMENT OF MECHANICAL ENGINEERING

About the topic:

- Assuring quality of learning process
- Determining desired learning outcomes
- Assessing course content and curriculum
- Assessing teaching and learning process
- Assessing the strengths and weaknesses of the Departments.

Committee Members:

Sl.No	Name	Designation in College/Industry	Designation for the Committee
1	Dr. Lakshmikantha B. R	Principal, DSATM.	Chairman
2	Dr. Sumithra Devi K A	Dean Academics and HOD, Dept. of ISE, DSATM.	Member
3	Dr. Manohara H S	HOD, Department of ME	Member
4	Dr. Shanmukha Nagaraj	Professor & Associate Dean (PG Studies) Department of ME, RVCE, Bangalore	Member
5	Dr. Sundareshan	Training and Development Consultant New Honeywell Engineering Services Pvt. Ltd	Member
6	Rahul Chakravarthy	Alumini of the Department	Member

Vision: Department shall be a preferred advisor acting in partnership with stakeholders delivering professional assurance and consulting services to assist the department and institution to achieve its mission, strategic planning goals and initiatives in an atmosphere of respect and accountability.

Addressing the GAP: The important aspect is to fulfill the gap by adopting more technical aspects in to the curriculum to improve the quality of teaching and learning with the use of modern tool usages.

Measurable Outcomes:

- Significant improvement is being obtained by establishing center for excellence to inculcate research activities through consultancy.
- Publications with high impact factor are being enhanced by the faculty members.
- MOUs with the industries is been improved to carry out internship and project works.



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DEPARTMENT OF MECHANICAL ENGINEERING
(Accredited 3 years by NBA, New Delhi (Validity: 26-07-2018 to 30-06-2021))


Minutes of the Academic Audit Committee meeting held on 12/10/2019 at HOD's cabin.

Academic Details	Suggestions
Department Calendar of Events (Last 2 semesters)	available and recorded in the file
Course file of all faculty (Last 2 semesters)	Course file of all the faculties are available and found relevant to the index of academic file
I.A Question Papers (Last 2 semesters)	Available with scheme of evaluation
I.A Marks (Last 2 semesters)	Available


Senior
Academician


Employer


Senior
Alumni


HOD


Dean Academics
DSATM



Principal
DSATM


Academic Details	Suggestions
Result Analysis (Last 2 semesters)	Available
Project Process / Mini Projects	Project process is carried out as per the centralized guidelines and evaluated as per the rubrics framed as stated in the previous academic audit 2018-19
Elective Counseling (Last 2 semesters)	OK
Lab Manuals & Records (Last 2 semesters)	Updated as per the prescribed syllabus


Senior
Academician


Employer


Senior
Alumni


HOD


Dean Academics
DSATM


Principal
DSATM

Academic Details	Suggestions
Question Bank (Last 2 semesters)	✓
Assignments (Last 2 semesters)	✓
Blue Books (Last 2 semesters)	✓ Verified
SAR Copy & NBA Result	Action plan to the NBA results has been initiated


Senior
Academician


Employer


Senior
Alumni


HOD


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DEPARTMENT OF MECHANICAL ENGINEERING

Event Name	Academic Audit Meeting (2017-18, 2018-19)
Theme	Details of Academic Audit Meeting
Date	19 th November 2018
Venue	HOD Chamber, Mechanical Department.

Objectives of the Program/ Event

1. To assess the academic performance of the department
2. To assess the academic performance of individual faculty in a department.
3. To identify the strengths and limitations of the department.
4. To determine the learning objectives of the department
5. To make continuous improvement as the top priority



Purpose: The Academic Audit is a faculty-driven model of ongoing self-reflection, collaboration, team work and peer feedback of department progress in delivering quality processes.

About the topic:

- Assuring quality of learning process
- Determining desired learning outcomes
- Assessing course content and curriculum
- Assessing teaching and learning process
- Assessing the strengths and weaknesses of the Departments



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DEPARTMENT OF MECHANICAL ENGINEERING

Committee Members:

Sl.No	Name	Designation in College/Industry	Designation for the Committee
1	Dr. Lakshmikantha B. R	Principal, DSATM.	Chairman
2	Dr. Sumithra Devi K A	Dean Academics and HOD, Dept. of ISE, DSATM.	Member
3	Dr. A S Devaraja	HOD, Department of ME	Member
4	Dr. Shanmukha Nagaraj	Professor & Associate Dean (PG Studies) Department of ME, RVCE, Bangalore	Member
5	Mr. Punith Janardhan	Manager, Ebenus Design Solutions Pvt Ltd, Bangalore	Member

Vision: Department shall be a preferred advisor acting in partnership with stakeholders delivering professional assurance and consulting services to assist the department and institution to achieve its mission, strategic planning goals and initiatives in an atmosphere of respect and accountability.

Addressing the GAP: The important aspect to improve the quality of teaching and learning with the use of modern tool usages.

Measurable Outcomes: Significant improvement is being obtained by establishing center for excellence to inculcate research in the present scenario. The quality of publications has been enhanced, MOUs with the industries has been improved.



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ACADEMIC AUDIT COMMITTEE

(Academic year 2017-18, 2018-19)

Sl. No	Name	Position in College / Industry	Designation for the Committee	Signature
1	Dr. Lakshmikantha B.R	Principal , DSATM	Chairman	
2	Dr. Sumithra Devi K.A	Dean Academics & HOD	Member	
3	Dr.A S Devaraja	HOD, Dept. of ME	Member	
4	Dr. Shanmukha Nagaraj	Professor & Associate Dean (PG studies) Dept. of ME, RVCE, Bangalore	Member	
5	Mr. Punith Janardhan	Manager, Ebenus Design Solutions Pvt.Ltd, Bangalore	Member	

The above members have accepted to be the members of Academic Audit Committee
Department of Information Science & Engineering, DSATM.

Dr. Sumithra Devi K.A
Dean Academics
DSATM

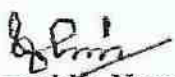
Dr. B.R. Lakshmikantha
Principal, DSATM



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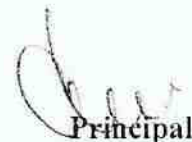
Minutes of the Academic Audit Committee meeting held on 08/09/2018 at HOD's cabin.

Academic Details	Suggestions
Department Calendar of Events (Last 2 semesters)	available & filed
Course file of all faculty (Last 2 semesters)	Available
I.A Question Papers (Last 2 semesters)	available
I.A Marks (Last 2 semesters)	✓

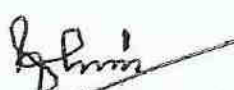

Dr. Shanmukha Nagaraj
Dept. of ME, RVCE


HOD



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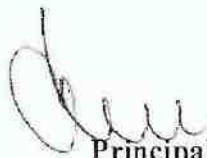

Principal
DSATM

Academic Details	Suggestions
Question Bank (Last 2 semesters)	✓
Assignments (Last 2 semesters)	✓
Blue Books (Last 2 semesters)	✓
SAR Copy & NBA Result =	A detailed observations to be prepared. Action taken & status to be initiated


Dr. Shanmukha Nagaraj
Dept. of ME, RVCE


HOD


Dean Academics
15/11/18
DSATM


Principal
DSATM

Academic Details	Suggestions
Result Analysis (Last 2 semesters)	✓
Project Process / Mini Projects	✓ Guidelines for Quality projects & evaluation
Elective Counseling (Last 2 semesters)	OK.
Lab Manuals & Records (Last 2 semesters)	to be updated

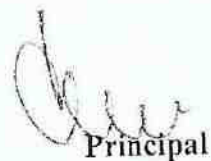

Dr. Shanmukha Nagaraj

Dept. of ME, RVCE


HOD


Dean Academics

DSATM


Principal

DSATM