SMVITM
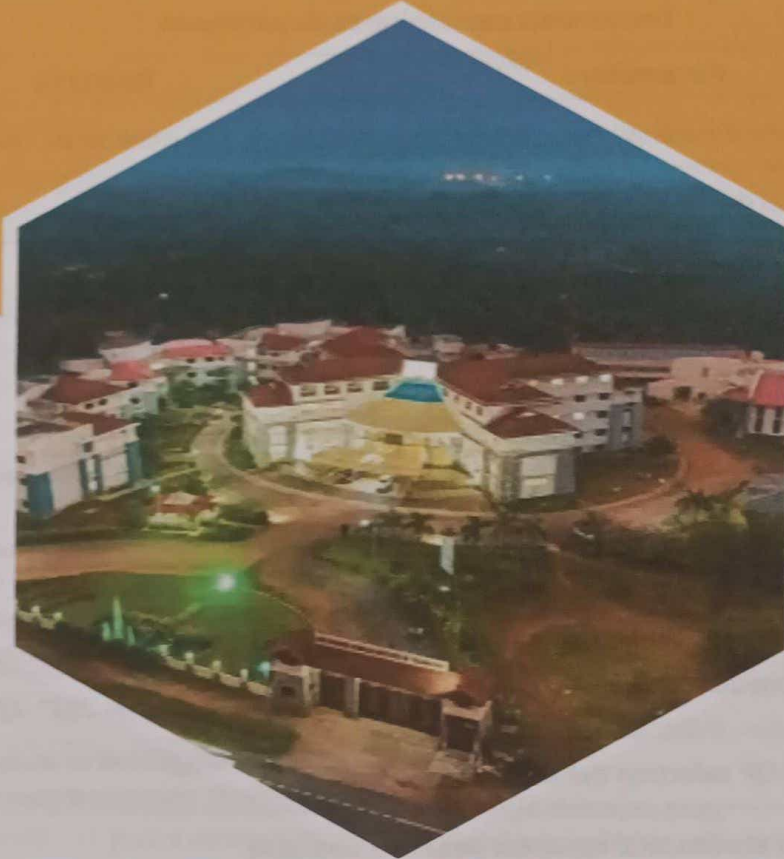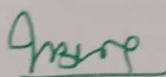
SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust, Udupi)
Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi
Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka
Vishwothama Nagar, Bantakal-574115, Udupi District, Karnataka.

ACADEMIC AND ADMINISTRATIVE AUDIT
REPORT
2021-22

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

Academic audit report

Department	Computer Science and Engineering		
Academic Year	2021-22	Date	11 February 2022

Documents pertaining to department

Parameters	Remarks
Faculty and student details (as per NBA format)	Available, SFR need to be corrected
Student admission details (as per NBA format)	Soft copy Available
Faculty list (as per NBA format)	Available
Student list (as per NBA format)	Available
Faculty/Staff Attendance register	Available
Class time table and individual time table	Available- HoD and Principal signature to be taken
Curriculum feedback from stakeholders	Feedback collected from students and faculty members
Curriculum feedback Analysis report	Curriculum feedback Analysis done for students and faculty feedback
Documents of remedial classes for weak students	Available for the AY: 2021-22
IA time table and QP selection details	Available- suggested to include L4 questions in numerical courses
Placement/higher studies/entrepreneur details	Available
Department Academic Calendar	Available
Department meeting notice with MOM	Available
PAC meeting notice with MOM	Available
Class committee meeting notice and MOM	Available
Result analysis meeting details	Softcopy Available

Department Activities	Available
Achievements of faculty/students	Available
Details of the sponsored projects	Available
Consultancy details	No consultancy work from the department
Project work details	Available
Internship details	Available
Department news letter	Available
Feedback on teaching learning process (Formative and Summative)	Softcopy Available

Faculty Academic records (CF/QP/ICT)

Course file: All faculty members have shown the course file of current semester courses. Course files are prepared as per the template given by the IQAC. In some of the courses, course articulation matrix need to be revised.

QP & Scheme: All faculty members have prepared the IA question papers as per the format and softcopy of the scheme is available.

Google Classroom and ICT tools: All are using Google classroom effectively to share lecture notes, video, ppt, assignment and quiz. Many have prepared class ppt, lecture notes, lecture videos and shared to the students

Content Beyond the syllabus: Few faculty members have used latest topics to discuss as content beyond the curriculum in the theory as well as practical courses.

VTU exam work: all faculty members have conducted semester end laboratory examinations and few have attended the valuation work.
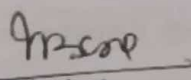
Publications/FDP/Sponsored Projects/Achievements

Publication (Journal) - 11 publications in Scopus indexed journal (Out of which two in Q1 journal)
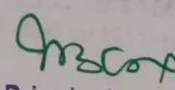
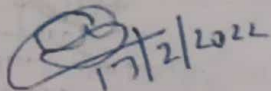**Publication (Conference)** – 26 papers presented in the Conference

Participation in FDP - All faculty members have attended one or more number of FDP

Sponsored Project – 2 projects received sponsorship from KSCST

Achievements – Session chair, reviewer and resource persons in invited talk

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17/2/2022

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BANTAKAL - 574 115

Academic audit report

Department	Electronics and Communication Engineering		
Academic Year	2021-22	Date	8 February 2022

Documents pertaining to department

Parameters	Remarks
Faculty and student details (as per NBA format)	Available
Student admission details (as per NBA format)	Available
Faculty list (as per NBA format)	Available
Student list (as per NBA format)	Available
Faculty/Staff Attendance register	HoD has to sign the register
Class time table and individual time table	Available
Curriculum feedback from stakeholders	Data has to be maintained
Curriculum feedback Analysis report	Data has to be maintained
Documents of remedial classes for weak students	Not Available
IA time table and QP selection details	Available
Placement/higher studies/entrepreneur details	Available
Department Academic Calendar	To be prepared
Department meeting notice with MOM	Available- well maintained
PAC meeting notice with MOM	Available- well maintained
Class committee meeting notice and MOM	Available- well maintained
Result analysis meeting details	Conducted along with department meeeting

Department Activities	Available
Achievements of faculty/students	Available
Details of the sponsored projects	Available
Consultancy details	No consultancy work from the department
Project work details	Maintained well
Internship details	Maintained well
Department news letter	Available- 2 volumes per year
Feedback on teaching learning process (Formative and Summative)	Available

Faculty Academic records (CF/QP/ICT)

Course file: All faculty members have shown the course file of current semester courses. Course files are prepared as per the template given by the IQAC.

QP & Scheme: All faculty members have prepared the IA question papers as per the format and softcopy of the scheme is available.

Google Classroom and ICT tools: All are using Google classroom effectively to share lecture notes, video, ppt, assignment and quiz. Many have prepared class ppt, lecture notes, lecture videos and shared to the students. Innovative teaching methods like- Flipped classroom, mind map, minute paper, chapter summary, simulation etc., were used by the faculty members.

Content Beyond the syllabus: Few faculty members have used latest topics to discuss as content beyond the curriculum in the theory as well as practical courses.

VTU exam work: all faculty members have conducted semester end laboratory examinations and few have attended the valuation work and QP setting.
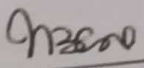
Publications/FDP/Sponsored Projects/Achievements

Publication (Journal) - 6 publications in Scopus indexed journal (Out of which three in Q3, and one in Q4 journals)
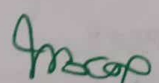
Publication (Conference) – 22 papers presented in the Conference
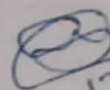
Participation in FDP - All faculty members have attended one or more number of FDP

Sponsored Project – 6 projects received sponsorship from KSCST

Achievements – 2 patents, 3 Best paper awards, reviewer and resource persons in invited talk

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BANTAKAL - 574 115

Academic audit report

Department	Mechanical Engineering		
Academic Year	2021-22	Date	9 February 2022

Documents pertaining to department

Parameters	Remarks
Faculty and student details (as per NBA format)	Available, SFR need to be corrected
Student admission details (as per NBA format)	Available
Faculty list (as per NBA format)	Available
Student list (as per NBA format)	Available
Faculty/Staff Attendance register	Available
Class time table and individual time table	Available
Curriculum feedback from stakeholders	Feedback collected from students and faculty members
Curriculum feedback Analysis report	Curriculum feedback Analysis done for students and faculty feedback
Documents of remedial classes for weak students	Remedial classes taken for 5th and 7th semester courses
IA time table and QP selection details	Available
Placement/higher studies/entrepreneur details	Available
Department Academic Calendar	Available
Department meeting notice with MOM	Available
PAC meeting notice with MOM	Available
Class committee meeting notice and MOM	Available
Result analysis meeting details	Available

Principal
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BANTAKAL

Department Activities	Available
Achievements of faculty/students	KSCST best project
Details of the sponsored projects	Available
Consultancy details	Only few consultancy work
Project work details	Available
Internship details	Available
Department news letter	Available
Feedback on teaching learning process (Formative and Summative)	Available

Faculty Academic records (CF/QP/ICT)

Course file: All faculty members have shown the course file of current semester courses. Course files are prepared as per the template given by the IQAC.

QP & Scheme: All faculty members have prepared the IA question papers as per the format and softcopy of the scheme is available.

Google Classroom and ICT tools: All are using Google classroom effectively to share lecture notes, video, ppt, assignment and quiz. Many have prepared class ppt, lecture notes, lecture videos and shared to the students

Content Beyond the syllabus: Few faculty members have used latest topics to discuss as content beyond the curriculum in the theory as well as practical courses.

VTU exam work: all faculty members have conducted semester end laboratory examinations and few have attended the valuation work.

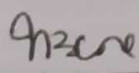## Publications/FDP/Sponsored Projects/Achievements

Publication (Journal) - 11 publications in Scopus indexed journal (Out of which one in Q1, one in Q2 and one in Q3 journals)
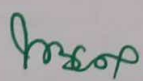
Publication (Conference) – 12 papers presented in the Conference

Participation in FDP - All faculty members have attended one or more number of FDP

Sponsored Project – 4 projects received sponsorship from KSCST

Achievements – Best project award by KSCST, Best project award by VTU, Session chair, reviewer and resource persons in invited talk

Principal
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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka

SMVITM

Academic audit report

Department	Civil Engineering		
Academic Year	2021-22	Date	10 February 2022

Documents pertaining to department

Parameters	Remarks
Faculty and student details (as per NBA format)	Available,
Student admission details (as per NBA format)	Available
Faculty list (as per NBA format)	Available
Student list (as per NBA format)	Available
Faculty/Staff Attendance register	Available
Class time table and individual time table	Available
Curriculum feedback from stakeholders	No Available
Curriculum feedback Analysis report	No Available
Documents of remedial classes for weak students	Remedial classes taken for 5th and 7th semester courses
IA time table and QP selection details	Available
Placement/higher studies/entrepreneur details	Available
Department Academic Calendar	Available
Department meeting notice with MOM	Available
PAC meeting notice with MOM	Available
Class committee meeting notice and MOM	Available
Result analysis meeting details	Discussed in the department meeting

Principal

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Department Activities	Available
Achievements of faculty/students	KSCST best project
Details of the sponsored projects	Available
Consultancy details	Available
Project work details	Available
Internship details	Available
Department news letter	Available
Feedback on teaching learning process (Formative and Summative)	Available

Faculty Academic records (CF/QP/ICT)

Course file: All faculty members have shown the course file of current semester courses. Course files are prepared as per the template given by the IQAC.

QP & Scheme: All faculty members have prepared the IA question papers as per the format and softcopy of the scheme is available.

Google Classroom and ICT tools: All are using Google classroom effectively to share lecture notes, video, ppt, assignment and quiz. Many have prepared class ppt, lecture notes, lecture videos and shared to the students

Content Beyond the syllabus: Few faculty members have used latest topics to discuss as content beyond the curriculum in the theory as well as practical courses.

VTU exam work: all faculty members have conducted semester end laboratory examinations and few have attended the valuation work.

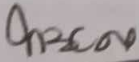## Publications/FDP/Sponsored Projects/Achievements

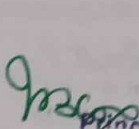**Publication (Journal)** - 3 publications in Scopus indexed journal (Out of which one in Q2 journal)

Publication (Conference) – 7 papers presented in the Conference

Participation in FDP - All faculty members have attended one or more number of FDP

Sponsored Project – 5 projects received sponsorship from KSCST

Achievements – Best project award by KSCST

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17/2/2022

Principal
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BANTAKAL - 574 115

Consolidated report on Academic audit

Academic audit for the year 2021-22 (verification of 2020-21 documents) was conducted from 8 February to 12 February 2022.

Following are the Observations and recommendations of the review team:

Department documents are maintained properly.

All faculty members have attended one or more FDPs of 5 or more days

Good number of Publications by the faculty members in the indexed journal

Course files of AY: 2021-22 are prepared as per the format mentioned by the IQAC

IA QPs prepared as per the guidelines provided by the IQAC

HoD signature in Faculty and Staff attendance register is missing in one department.

Curriculum feedback collection and analysis to be completed by the departments

Faculty achievements/recognition needs to be improved

Number of publications in Q1/Q2 journals is not encouraging, it is recommended to all the faculty members to give more thrust on quality research publication.

Publications/Presentations in reputed conference to be improved

Number of patent filing to be increased

Number of funded projects is very less; all faculty members are requested to encourage their project batch students to submit the proposal for sponsorship in the KSCST, KPIT, VTU, AICTE etc.,.

All departments have to prepare and submit the project proposal to the government sponsorship agencies like DST, VGST, AICE, KSTA etc.,

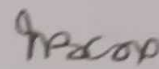All departments must focus on consultancy work

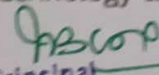Number of NPTEL course by faculty and students should be increased

Few faculty members used only Google classroom as the ICT tool, more ICT tools need to be used for the teaching learning process.

Suggested to use active learning techniques like- Flipped class, Minute paper, Group discussion, Summarizing, seminar, mini-project, simulation etc., for the teaching learning process.

Few faculty members have used only written 3 IA tests and written assignment for assessment of student performance, it is recommended to use other tools like quiz, seminar, case studies, mini-project etc., for the CO assessment.

Few faculty members have used some of the simulation tools, virtual lab experiments in the theory courses to discuss the topics beyond the syllabus. It is recommended to all the faculty members to use the technology tools to cover the content beyond the syllabus.

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17/2/2022

Consolidated report on Administrative Audit

Administrative audit of the year 2021-22 was conducted from 17 February to 18 February 2022.

Following are the Observations and recommendations of the review team:

College Office:
1. Most of the registers are up to date.
2. A full-fledged digital enquiry facility is suggested.

Administrative Staff:
1. Trainings are provided to segments of the administrative staff, such as Office, Security, Attenders, and other Supportive Personal.
2. More training shall be given to improve the IT skills of the administrative staff.

Governance:
1. A development plan and policy document exist, with timely implementation.
2. Sufficient welfare measures are provided to the staff.

Infrastructure:
1. Quality maintenance of the lab facilities in most of the departments is very much appreciated.
2. Most of the classrooms are ICT enabled.

Library:
1. RFID systems and registers are well maintained.
2. Implementation of Digital Library is very much appreciated.
3. Individual awards instituted for the best library user among staff and students are highly appreciated. More such library centered activities can be conducted to encourage the faculty and students to use the resources more effectively.

Principal

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