

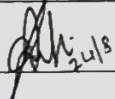


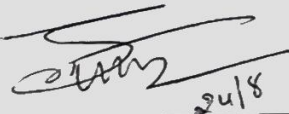
ACADEMIC AUDIT REPORT- External

Date of Audit: 29/07/2023

Name of the Department : Chemistry

Name of the Institution: SDMCET, Dharwad

AUDIT TEAM DETAILS

Sl.No	Name	Affiliation	Designation	Mobile No.	Email Id	Role in Audit Team	Signature with date
1	Dr. A. A. Kittur	SDMCET	HoD	9945258096	hodchemistry@sdmcet.ac.in	Chairperson -Internal	 29/7/23
2	Dr. Asma Tatagar	SDMCET	IQAC Coordinator	9380520089	asmatatagar@gmail.com	Member- internal	 29/7/23
3	Dr. Shashidhar	SDMCET	DUGC/BoS Mem. Secretary	9986971155	Shashidhar66111@gmail.com	Member- internal	 29/7/23
4	Dr. S. M. Tuwar	Karnatak Science College, DWD	Professor	9449796557	Sm.tuwar@gmail.com	External Auditor	 29/7/23

Over all Observation/Remarks:

1. The methods in teaching learning process are effective in achieving the academic excellence.
2. Transparency in evaluation, is highly appreciated
3. Infrastructure of lab is good., research facility need to be improved.
4. Student performance in exams is good.

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Over All Performance in the scale of 1(Poor), 2 (Average), 3 (Good) 4 (Very Good) and 5(Excellent):

Sl. No	Audit Parameter	Observations and Suggestions
1	<p>Strategic Plan: How well the strategic plan or its equivalent development plan is executed with clear observable outcomes/evidences?</p>	<p>Strategic plans are well prepared and executed in a systematic manner. Compliance report is properly documented.</p>
2	<p>Mission-1: What level of contextual relevance is brought in the curriculum?</p>	<ul style="list-style-type: none"> (i) Curriculum addresses the target, activities towards achieving the mission-1. (ii) It is suggested to add environmental chemistry topics in the curriculum. (iii) It is relevant in terms of gaining academic and industrial knowledge. (iv) Minutes of DUGC meeting and inputs of external are taken in framing the curriculum. (v) BOS meeting is conducted. (vi) Allocated budget is also fully utilized.
3	<p>Mission-2: What level of preparedness and implementation is seen in making teaching learning process effective on OBE principles?</p>	<ul style="list-style-type: none"> (i) Teaching and learning process is effective since the teachers have adopted Chalk-Talk mechanism, guest-lectures, group discussions, using and creating PPTs, showing Videos etc. (ii) Conducting special classes for slow learners, interacting with students, mentoring personally. (iii) Adopting OBE principles and assessing each student and his/her performance. (iv) Designed laboratory manual which is helpful for students to prepare for lab.

4	<p>Mission-3: What levels of establishment of research infrastructure, processes and research outcomes are seen?</p>	<ul style="list-style-type: none"> (i) The Engineering lab facilities are good. (i) A separate grant may be allotted to procure the required research facilities (instruments, special chemicals, etc.) to encourage the teachers to carry out the advance research work. (ii) Separate seed money is also allotted to carryout research. It is a good initiation.
5	<p>Mission-4: What level of preparedness and implementation is seen in connecting Industry with class room?</p>	<ul style="list-style-type: none"> (i) Budget is allotted to invite the industry personnel to train the students and to deliver the lectures. (ii) It is suggested to include one or two industry personals in BOS Committee for Basic Sciences and Humanities.
6	<p>Mission-5: What level of preparedness and implementation is seen in developing students' personality focusing on ethics and soft skills?</p>	<ul style="list-style-type: none"> (i) Preparedness and implementation is seen in developing students' personality focusing on Ethics and soft skills by teaching human values. It is reflecting in the curriculum also. (ii) Conducted many co-curricular activities by the department. (iii) Mentorship programme really helps to build healthy relation between teacher students and to share the difficulties.

7	Other noteworthy achievements? If any.. Faculty members/ Staff/Students	<ol style="list-style-type: none"> 1. A research project is sanctioned by VGST in 2022 and completed in 2023 worth of Rs. 3,00,00/- entitled "Production and Fabrication of commercially viable non hazardous and eco friendly bioplastic from aquatic weeds :an alternative to conventional non bio-degradable plastics". 2. SDM college has granted seed money of 1,10,000/- in 2023 to the project entitled "Experimental and Computational studies of organic /Polymeric Derivatives in corrosion inhibition of Mild steel" on going. 3. Prof Sahana and Dr A A Kittur has jointly published a paper entitled "Binderless nano Marigold flower like structure of Nickel sulphide electrode for sustainable supercapacitor energy storage application " in Journal of Energy Sources 62(2023) 106963.(Q1 journal with impact factor 8.907)
8	Last year suggestions and actionplan	<ol style="list-style-type: none"> 1. Suggested to take care of slow learners. It is taken care by engaging special classes, mentoring properly. 2. Suggested to maintain all the documents with proper filing. It is already practicing. All files are maintained. 3. Focus is on advance research. Proposals are writing to get funds from external agencies so as to strengthen the existing lab.
9	Specific suggestions on each of the academic and Research perspective.	<ol style="list-style-type: none"> (i) Suggested to make MoU with engineering departments to strengthen the research activities. (ii) Publish the research outcomes in reputed journals with high impact factor. (iii) Suggested to frame few new laboratory experiments which are based on applied chemistry.

DUGC/BoS mem. Sec.

Dept. IQAC Coordinator

HoD

Dean Academic Program

Principal

Date:

Discussed in all faculty meeting in the department dated 30.08.2023 meeting No: 2

Encl: 1 Minutes of the meeting copy.

2 Follow-up action plan