II

SKR Government Degree college (W), Rajamahendravaram
K RAMA DEVI
Physics
28/1/1993

30/11/2025

Government of Andhra Pradesh Commissionerate of Collegiate Education

Academic & Administrative Audit of Degree Colleges (2021-22)

Format: III A (To be Filled by Faculty and handed over to Academic Advisor)

II

District: East Godavari

SKR GOVT Degree college (W), Rajamahendravaram

K. RAMA DEVI

Physics

28/1/1993

Date of Retirement: 31-07-2025

Key Indicator	List of files/documents to be kept ready as a proof of Key Indicators	Information in support of the key indicator	Key Aspect Scores	Pre determined Weightage (Wi) for Key Indicator	Key Indicator Grade Points (KIGP) (A=3; B=2; C=1; D=0)	Key Indicator Wise Weighted Grade Points (KIWWGP) = KIGP X Wi	KIWWGP as per Academic Advisor's grading	Guidelines
I-CURRICULAR ASPECTS								
	1. Preparation and Implementation of Annual Academic Curriculum Plan 2. Course Objectives & Outcomes	Course wise/Sem wise Records for the Academic Year	2x5=10	30	3(A)	90		1) All five key indicators =3 Grade points A 2) Any four key indicators =2 Grade points B 3) Any two key indicators =1 Grade points C 4) No Indicator=0/D
	3. Teaching Diary 4. Lesson Plans	Course wise/Sem wise Records for the Academic Year	2x5=10					
	5. Active Participation in BOS	Invitation Letter & Attendance	10					
…in Enrichment	1. Additional inputs related to Curriculum of the courses taught	a)Course wise Sem wise additional inputs Reports	10	20	1 C	20		1) All three key indicators =3 Grade points A 2) Any two key indicators =2 Grade points B 3) Any one key indicator =1 Grade point C 4) No Indicator =0 D
	2. Value added courses offered & completed a)Certificate b)Diploma c)Any Online courses like MOOCs	b)Report on Certificate/ Diploma c)Any Online courses like MOOCs	2x5=10					
	Feedback on Curriculum by Students a) Collected b) Analyzed c) Action taken	Course wise/Sem wise a)Reports of Feedback b)Analysis Reports c)Action taken Report	10	10	3 A	30		1) All three key indicators =3 Grade points A 2) Any two key indicators =2 Grade points B 3) Any one key indicator =1 Grade point C 4) No Indicator =0 D
II-TEACHING, LEARNING & EVALUATION								
…t Diversity	1. Report on grouping of students into Slow, Moderate and Advanced learners 2. Course wise activities designed for Slow, Moderate and Advanced learners	1. Course wise/Sem wise Reports with lists of students (Slow, Moderate and Advanced learners) 2. Course wise/Sem wise Activities designed for Slow, Moderate and Advanced learners	10	20	2 B	20		1) All three key indicators =3 Grade points A 2) Any two key indicators =2 Grade points B 3) Any one key indicator =1 Grade point C 4) No Indicator =0 D
	1. Report on Course wise Bridge Courses conducted 2. Report on Course wise Remedial coaching conducted	1. Course wise/Sem wise Reports on Bridge Courses conducted 2. Course wise/Sem wise Report on Remedial coaching conducted	2x5=10		2 B	20		

	List of files documents to be kept ready as a proof of key indicator	Information in support of the key indicator	Key Aspect Scores	Predetermined Weightage (Wi) for Key Indicator	Key Indicator Grade Points (KIGP) (A = 4; B=3; C=2; D=1)	Key Indicator Wise Weighted Grade Points (KIWWGP) = KIGP X Wi	KIWWGP as per Academic Advisory grading	Guidelines
	1. Report on student centered methods implemented (Course wise) 2. Report on implementation of ICT in teaching and learning (Course wise) or Report on implementation of Computer Assisted Learning (Course wise) 3. Report on the Use of LMS tools (Course wise) 4. Documentation for the development of LMS in the concerned subject 5. Report on innovative pedagogical Tools used	Course wise, Sem wise Reports	50	50	3A	150		1) All five key indicators =5 Grade points A 2) Any three key indicators =3 Grade points B 3) Any two key indicator =1 Grade point C 4) Below two =0 D
	1. Report on Seminars/Conferences, Workshops, Guest Lectures organized 2. Report on Participation in Seminars/Conferences/Workshops, Guest Lectures, Invited talks 3. Awards and recognition 4. Participation in Short term Orientation, Refresher courses/FDPs 5. E-Content Development /MOOCs (Massive Open Online Courses) 6. Additional Qualification acquired during the last two years	Reports and Certificates	30	30	2B	60		1) Any five key indicators =5 Grade points A 2) Any three key indicators =3 Grade points B 3) Any two key indicator =1 Grade point C 4) Below two =0 D
	1. Report on Formative Evaluation (CIE)	Department wise reports regarding 1. Mid exams, Seminar Reports, Assignment books, Projects and any other tools of Internal Assessment 2. Departmental Internal Marks Register for CIA verified by the Principal	10	30	3A	90		1) All four key indicator Metrics =5 Grade points A 2) Metrics 1, 2, 3 =3 Grade points B, 3) Metrics 1, 2, 3 =1 Grade point C 4) Below two =0 D
	2. Assignments-Critical, Innovative, text book and Internet based		10					
	3. Involvement in Summative evaluation		5					
	4. Maintaining Mark Register & Result Analysis register		5					
	1. Announcement and Attainment of Course Outcomes 2. Report on Student seminars, Student demonstrations (Course wise) 3. Report on activities like Quiz, Group discussion, Poster presentation (Course wise) 4. Report on Field trips (Course wise) 5. Report on Student Study projects (Course wise)	Course wise Reports	5x6=30	30	3(A)	90		1) All five key indicators =5 Grade points A 2) First Kl Metric and any three other =3 Grade points B 3) First Kl Metric and any two other =1 Grade point C 4) Below two =0 D

	Information in support of the key indicator	Key Aspect Scores	Predetermined Weightage (Wt) for Key Indicator	Key Indicator Grade Points (KIGP) = (Key Aspect Scores) x (Wt)	Key Indicator Wise Weighted Grade Points (KIWWGP) = (KIGP) x (Wt)	Key Indicator Wise Weighted Grade Points per Academic Year (average grading)	Guidelines
III RESEARCH, INNOVATIONS AND EXTENSION							
	Letter of intimation and award letters of On-going/ Completed	5 10 5	30	-	-		
		10 15 10 5	30	-	-		
		10 10					
	Reports in the HAAC format	10	30	2(B)	60		
	Reports in the HAAC format	n.a.					
	Links & points Consultancy offered & Amount generated through Consultancy & points	10	30	-	-		
IV USE OF INFRASTRUCTURE & LEARNING RESOURCES							
	Log book related to equipment	10	30	3 (A)	60		

	List of files/ documents to be kept ready as a proof of Key Indicator	Information in support of the key indicator	Key Aspect Scores	Predetermined Weightage (Wi) for Key Indicator	Key Indicator Grade Points (KIGP) (A =3; B=2; C=1; D=0)	Key Indicator Wise Weighted Grade Points (KIWWGP) = KIGP X Wi	KIWWGP as per Academic Advisor's grading	Guidelines
	V- ROLE IN STUDENT SUPPORT AND PROGRESSION							
port	1 Counseling of students as Mentor/ Class teacher a Student Profile Collection b Semester wise updation and maintenance 2 Any other Study Material /Guidance a)Academic guidance for the advanced learner (offering suggestions/reference books) b)Handholding the slow learners (offering study material/ question banks) 3 Guiding/Monitoring Students for CSP/Internship 4 Organizing/Participation in Parent Teacher Meetings	Reports in the NAAC format	20 10 10 10	50	3(A)	150		1)All Four key indicators =3 Grade points/ A 2)Any Three key indicators =2 Grade points/ B 3)Any Two key indicator =1 Grade point/ C 4)Below two=0/D
gression	Report on Programme/Course wise students' progression to a)Higher Education b)Employment c)Entrepreneurship	Reports in the NAAC format	10 10 10	30	2(B)	60		1)All three key indicators =3 Grade points/ A 2)Any two key indicators =2 Grade points/ B 3)Any one key indicator =1 Grade point/ C 4)No Indicator =0/D
	VI- ROLE IN INSTITUTIONAL GOVERNANCE							
n Institutional and Leadership	a)Contribution to Departmental Vision & Mission and Departmental Action Plan b)Participation in different institutional committees and preperation of committee reports c)Participation in different institutional activities that focus on value based education d)Contribution to IQAC/quality initiatives	Reports in the NAAC format	4x10	40	3(A)	120		1)All Four key indicators =3 Grade points/ A 2)Any Three key indicators =2 Grade points/ B 3)Any Two key indicator =1 Grade point/ C 4)Below two=0/D
	VII - BEST PRACTICES							
es	Identification and Contribution to a)The Departmental Best practices b)Institutional Best practices	Reports in the NAAC format	20	20	3(A)	60		1)All Two key indicators =3 Grade points/ A 2)Any one key indicator =2 Grade points/ B 3)No Indicator =0/D
	Total Grade points			**500**				

f the Principal

Name & Signatures of the Academic advisors

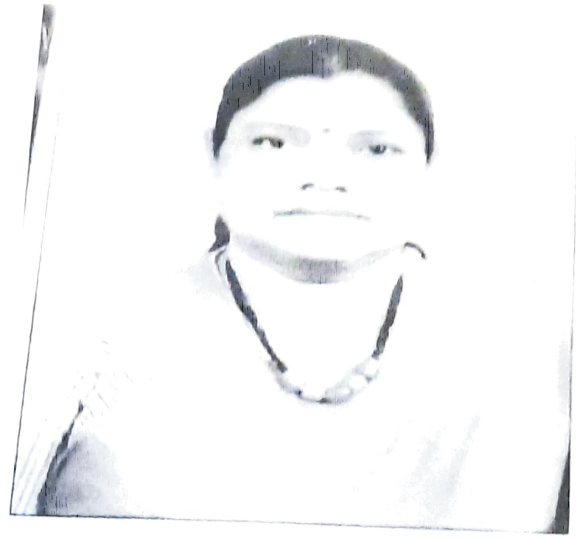
1)

2)

3)

PRINCIPAL
LLEGE FOR WOMEN
AKARINI SAMAJ
Dept.,Govt.of Andhra Pradesh
MAHENDRAVARAM

S.K.R GOVERNMENT DEGREE COLLEGE(W),RAJAMAHENDRAVARAM
DEPARTMENT OF PHYSICS
PROFILE



NAME:K.RAMA DEVI
DESIGNATION: LECTURER
QUALIFICATION:M.Sc
DEPARTMENT:PHYSICS
DATE OF BIRTH:10-07-1965
RESIDENTIAL ADDRESS:D.NO5-48/C,PATTAYYA TOWERS,OPPOSITE TO EASTREN RLY COUNTER,RAJAHMUNDRY
DATE OF APPOINTMENT:28-01-1993
NAME OF THE INSTITUTE:S.K.R COLLEGE FOR WOMEN,RAJAHMUNDRRY

EDUCATIONAL QUALIFICATIONS:

EXAM PASSED	BOARD/UNIVESITY	YEAR	DIVISION
SSC	SECONDARY EDUCATION	1980	FIRST
INTERMEDIATE	BOARD OF INTERMEDIATE EDUCATION	1983	SECOND
DEGREE	ANDHRA UNIVERSITY	1986	SECOND
POST GRADUATE	A.P.S.UNIVERSITY	1989	FIRST

S.K.R College for women,Rajamahendravaram

Department of Physics

Remidial Coaching for 2021-2022

Name of the Lecturer:Dr.B,Swarna latha Class:III B.Sc M.P.C(Electricity, Magnetism &Electronics Semester- V Paper- V(A)

	Name of the student	Marks Obtained Previous sem	Topic covered					Marks Obtained after coaching	Signature of The Student	Remarks
			Unit-1	Unit-2	Unit-3	Unit-4	Unit-1			
			Dates							
	B. Sushmita	Failed	B.Sushmita	B.Sushmita	B.Sushmita	B.Sushmita	B.Sushmita	F	B.Sushmitha	
	B. Rohini	Failed	B.Rohini	B.Rohini	B.Rohini	B.Rohini	B.Rohini	B	B.Rohini	
	E.K. Soundarya	Failed	E.K.Soundarya	E.K.Soundarya	E.K.Soundarya	E.K.Soundarya	E.K.Soundarya	C	E.K.Soundarya	
	K. AshaLatha	Failed	K.AshaLatha	K.AshaLatha	K.AshaLatha	K.AshaLatha	K.AshaLatha	B+	K.AshaLatha	
	M.L. Kumari	Failed	M.L.Kumari	M.L.Kumari	M.L.Kumari	M.L.Kumari	M.L.Kumari	F	M.L.Kumari	
6	P. Sindhu	Failed	P.Sindhu	P.Sindhu	P.Sindhu	P.Sindhu	P.Sindhu	B	P.Sindhu	
7	P.S. Lakshmi	Failed	P.S.Lakshmi	P.S.Lakshmi	P.S.Lakshmi	P.S.Lakshmi	P.S.Lakshmi	C	P.S.Lakshmi	
8	V. Rivika	Failed	V.Rivika	V.Rivika	V.Rivika	V.Rivika	V.Rivika	C	V.Rivika	

In-charge of the Department

Head of the Department of Physics
KANDUKURI RAJYA LAKSHMI
COLLEGE FOR WOMEN,
RAJAHMUNDRY - 533 103.

Validated by PRINCIPAL

PRINCIPAL
S.K.R. COLLEGE FOR WOMEN
HITHAKARINI SAMAJ
Endowments Dept.,Govt.of Andhra Pradesh
RAJAMAHENDRAVARAM

Smt. KANDUKURI RAJYALAKSHMI COLLEGE FOR WOMEN

(Estd. 1968)

Accredited at 'B' level by NAAC

Affiliated to Adikavi Nannaya University, Rajamahendravaram (A.P., INDIA)

(Under the control of HITHAKARINI SAMAJAM, Endowments Dept., Govt. of Andhra Pradesh)

Dr. P. Raghava Kumari
M.Sc., B.Ed., M.Phil., Ph.D. Principal

Opp. T.T.D. Kalyana Mandapam, Danavaipeta
RAJAMAHENDRAVARAM - 533 103
East Godavari District, A.P., INDIA
☎ 0883 - 2467391, 90304 30758
e-mail : skrcollege@yahoo.com
website : www.skrcw-rjy.org

To
The Assistant commissioner & Correspondent
SKR College For Women,
Rajamahendravaram

Sub :- SKR College For Women, Rajamahendravaram – Submission of Feedback Report 2021-22 Reg.

This is to submit that, as an institutional practice, SKR College For Women, Rajamahendravaram which is under the jurisdiction of Adikavi Nannaya University, Rajamahendravaram collects feedback on college / curriculum from time to time from its stakeholders.

During the academic year 2021-2022, feedback was collected from students, teachers, parents and alumni. A copy of the feedback report is submitted to your office for your information.

Thanking you, Sir.

SIGNATURE OF THE PRINCIPAL

PRINCIPAL
S.K.R. COLLEGE FOR WOMEN
HITHAKARINI SAMAJ
Endowments Dept., Govt. of Andhra
RAJAMAHENDRAVARAM

SKR COLLEGE FOR WOMEN, RAJAMAHENDRAVARAM

Feedback Report 2021-2022

For the academic year 2021-2022, feedback on the college functioning including the teaching learning process was collected from the students, teachers, parents and alumni in offline mode. For the students, a feedback form was designed with 20 questions on 20 parameters with 5 options namely – Strongly Agree, Agree, Neutral, Strongly disagree and Disagree.

The students submitted their feedback which was collected by the class mentors. Before collection, the purpose of feedback was explained to the students. If the students did not understand any parameter, the mentors explained the parameter and its importance. With the help of the faculty, the IQAC arranged for the analysis of the collected data; the analysis was tabulated and also presented in a graphical format. For the teachers, alumni and parents, a feedback form was customized with 10 questions covering different areas of the college functioning. The analysis report reveals that:

- Stakeholders expressed their opinion that supports the students to prepare for competitive exams.
- More Cultural activities are to be organized in the college

IQAC Coordinator

S.K.R. COLLEGE FOR WOMEN
HITAKARINI SAMAJ
Empowerment Dept. Govt. of Andhra Pradesh
RAJAMAHENDRAVARAM

SKR COLLEGE FOR WOMEN, RAJAMAHENDRAVARAM

Action Taken Report on Feedback -2021-2022

The feedback report for the academic year 2021-2022 was placed before the staff council meeting chaired by the principal of the college. The council discussed the report in detail. For all the positive feedback about the teaching learning process, the efforts of the teachers were appreciated. The meeting resolved to take the following measures to improve the overall functioning of the college.

Student Centered Learning (SCL) practices in curriculum delivery and transaction were given much emphasis.

Based on the parents & alumnae feedback, PG coaching is continued in a more structured manner and offered support to the students seeking higher education.

The mentors were specifically directed to provide emotional support to

SKR COLLEGE FOR WOMEN RAJAMAHENDRAVARAM

Student Satisfaction Survey (SSS) on Teaching Learning & Evaluation for 2021-22

Sl No	Parameters	Excellent		Very Good		Good		Satisfactory		Poor	
		No	%	No	%	No	%	No	%	No	%
1	Syllabus completion	590	62	280	29	88	09	0	0	0	0
2	Interest generated while teaching	374	39	340	35	144	15	100	10	0	0
3	Clarity of Expression	320	33	436	46	180	19	22	02	0	0
4	Depth of the Subject	306	32	396	41	220	23	36	04	0	0
5	Latest developments taught	337	35	395	41	190	20	26	03	10	01
6	Usage of student centric methods	435	45	369	39	154	16	0	0	0	0
7	Encouraging questions	463	48	374	39	121	13	0	0	0	0
8	Usage of various teaching models	346	36	398	42	214	22	0	0	0	0
9	Quality of notes	511	53	270	28	177	18	0	0	0	0
10	Arranging field visits, guest lectures etc.	442	46	386	40	130	14	0	0	0	0
11	Guidance in reading library books	373	39	332	35	253	26	0	0	0	0
12	Encouragement to students	302	32	361	38	295	31	0	0	0	0
13	Regularity and seriousness in evaluation	382	40	460	48	116	12	0	0	0	0
14	Remedial coaching	425	44	323	34	210	22	0	0	0	0
15	Regularity to the class	530	55	292	30	136	14	0	0	0	0
16	Guide students in co-curricular and extra curricular	492	51	271	29	192	20	0	0	0	0
17	Counseling and career guidance	280	29	360	38	292	30	26	03	0	0
18	Accessibility outside the class	393	41	350	37	215	22	0	0	0	0
19	Personal care and attention	523	55	280	29	155	16	0	0	0	0
20	Overall opinion on Teacher Performance	412	43	370	39	176	18	0	0	0	0

PRINCIPAL
S.K.R. COLLEGE FOR WO
HITHAKARINI SAMAJ
RAJAMAHENDRAVARAM

TEACHING DIARY 20 - 20

Day	Class	Period Time	Medium EM / TM	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Student Activity conducted
2	3	4	5	6	7	8	9	10	11
Monday	Sr Inter	[illegible]	EM	Practical	Velocity of sound	Demonstration	23	Resonance Apparatus	
Tuesday	Sr Inter	[illegible]	TM	Theory	Monday Finance				
Wednesday	Sr Inter	2, 3	EM	Practical	Advanced Supplymentary Exams				
Thursday	III B.Sc	2	EM	Theory	Alternating currents & Electromagnetic waves	Lecture	MR 22 MPCs 28	Black Board	Student Seminar
Saturday	III B.Sc	1	EM	Theory	Alternating currents & Electromagnetic waves	Lecture	MR 20 MPCs 41	Black Board	-
Monday	Sr Inter	2, 3	EM	Practical	Attendance is very poor.	Wastage given	-	-	
Wednesday	Sr Inter	2, 3	EM	Practical	Repeated Velocity of sound	Demonstration			-
Thursday	III B.Sc	2	EM	Theory	De Morgans Theorem Half & Full adder	Lecture	MPC MPCs	Black Board	-
Friday	Sr Inter	2, 3	EM	Practical	Velocity of sound	Explanation		Apparatus	-
~~TKRD~~	III B.Sc	1	EM	Theory	De Morgans Verification	Lecture		Black Board	-
Saturday	III B.Sc	1	EM	Theory	Sums from Number system	-			-
	Sr Inter	2, 3	TM	Practical	[illegible]				
Sunday	No classes	-	-	-	Clean & Green	-		Done at Degree Lab	

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...e Lecturer

Signature of the Department I/C

PRINCIPAL
S.K.R. COLLEGE FOR ...
Signature of the Principal
Endowments Dept, Govt.of An...

ate of Collegiate Education, A.P.
rma for Teaching Plan

Physics Department
K. RAMA DEVI
B.Sc M.P.C & M.P.Cs
V A
Electrostatics
10

Static electricity

ty in a magnetic field:
Solenoid of length l and cross-sectional
t flows in it, a magnetic field is
iform everywhere inside and is

is the magnetic field corresponding
Solenoid is given by
$L i_0^2$
solenoid is given by

urns per metre length of the solenoid
$^2 A(l) i_0^2$.
nside the solenoid is given by
i_0
on.
of i_0 in eq(3), we get
$^2 Al) \left[\frac{B}{\mu_0 n}\right]^2$

Al

This energy is uniformly distributed throughout the volume Al of the magnetic field. Hence the energy per unit volume or energy density u in the magnetic field is given by

$$u = \frac{U}{Al} = \frac{1}{2}\frac{B^2}{\mu_0} Al \div Al$$

$$= \frac{1}{2}\frac{B^2}{\mu_0} \text{ Joule/metre}^3$$

This equation holds in vaccum (or in a non-magnetic substance) is true for all magnetic field configurations

When a ferromagnetic substance is taken through a cycle magnetisation, I always lags behinds H. This lagging of I behind is called hysteresis.
The total area enclosed by the hysteresis loop gives the work done in taking the specimen through a cycle of magnetisation.

Examples / Illustrations	Given by Experience
Additional inputs	Google. Lenses given
Teaching Aids used	Black Board & chalk.
References cited	
Student Activity planned after the teaching	
Activity planned outside the Class room, if any	
Any other activity	

Signature of the Lecturer

Head of the Department of Physics
SKR & SKR GOVT. COLLEGE FOR WOMEN

Signature of the Department
SKR & SKR GOVT. COLLEGE FOR WOMEN