



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	N S S COLLEGE, RAJAKUMARI
Name of the head of the Institution	Dr. R Rajeevan
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04868245370
Mobile no.	9447045593
Registered Email	nssrajakumari@yahoo.com
Alternate Email	principal@nsscrky.ac.in
Address	Kulapparachal P O
City/Town	Idukki
State/UT	Kerala
Pincode	685619

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. Praveen N
Phone no/Alternate Phone no.	04868245515
Mobile no.	9447608163
Registered Email	praveen.naniyat@gmail.com
Alternate Email	praveen_naniyat@yahoo.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://nsscrky.ac.in/Home/iqac
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	https://nsscrky.ac.in/assets/Calendar_2019_2020.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B+	2.7	2016	16-Sep-2016	15-Sep-2021

6. Date of Establishment of IQAC	07-Jan-2014
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Model Youth Parliament under the Auspices of Institute of Parliamentary Affairs,	30-Jan-2020 1	51

Govt. of Kerala

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
College	RUSA 2.0	RUSA	2019 730	2500000
College	UBA	UBA	2019 365	50000
College	ASAP	Higher Education Department, Kerala Govt.	2019 365	20780
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Prepared the academic calendar and discussed in the IQAC meeting Conducted various workshops/seminars/sensitisation programs for students Regular PTS meetings are conducted to get the feedback from stakeholders Admission is carried out transparently and smoothly Curricular and Cocurricular activities are carried out in association with NSS, NCC, Women Cell

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Prepared the academic calender with reference to the Mahatma Gandhi Kottayam	Based on the examination schedules and evaluations, curricular and cocurricular activities are carried out effectively
Admission committees are to be constituted as per the direction by the University and management	Admission procedures are carried out effectively and transparently
Orientation programme for students and parents of the new admission	Created an awareness among parents and students about the course, college and career
Workshops/Seminars are to be organised to give awareness on various curricular and co-curricular topics	Conducted several workshops and seminars like Mock parliament, drug abuse, traffic rules which created awareness among students
Conduct of Anti-ragging awareness for the senior students	Conducted the programme by the Anti Ragging Cell and become a ragging free campus
PTS meetings for all UG classes	Conducted meetings regularly. Taken the feedback from Parents and consolidated
Skill development has to be carried out	ASAP centre of the college in association with SDC Rajakad has conducted 180 hours of foundation and IT training. Also conducted 150 hours of skill training in accounting. LeTin skill development centre of Department of Electronics in association with Lutron Technologies, Kochi has started giving skill development in lighting solutions. 10 interested students in second year and First year were given training in LED bulb manufacturing
Advanced and slow learners are to be considered	Walk with a Scholar and Scholar Support programmes are conducted
Internal evaluations are to be carried out effectively.	Centralised internal evaluation tests are conducted at par with university examinations. Internal mark based grievances are minimised.
Alumni interactions with current students	Conducted alumni interactions with students which gave students an opportunity to know the career plans
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	29-Jun-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The website of the college provides all the information pertained to administrative, academic, admission and student related matters. Also provides up to date examination related news from Mahatma Gandhi University, Kottayam. Stakeholders are allotted emailid in the college website domain and can access the mail through the college website portal.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Mahatma Gandhi University has introduced Choice Based Credit and Semester and Grading System in colleges affiliated to the University from the Academic Year 2009-10, under Direct Grading System. On the basis of the UGC directives, various Board of Studies / Expert committees framed draft Regulations and syllabi for various UG and PG Programmes. The P.G syllabus in Electronics offers in depth knowledge of the subject starting from its basic concepts to the state of art technologies in use today. Students are also provided extensive laboratory training on the course content and the current requirements of industries and R&D. the course is designed with a view to catering to the present day requirements in industries, R&D field higher studies and self-employment. B.Sc. Programme in Electronics and Computer Maintenance aims to provide a strong foundation for developing skills in electronic circuit designing, software development, assembling, troubleshooting and maintenance of computers. The programme is designed with the objective to equip students to pursue careers in Electronics, IT and Computer Hardware related fields or to go in for higher studies in the related disciplines. The revised syllabus for BCA Programme provides a strong foundation to pursue post graduation programme in computer science / applications. The radical changes in technologies, both hardware as well as software, and their ever increasing adaptation to newer areas of application, demand frequent updating of the academic curriculum so that the students can rise to the expectation of the Industry. The syllabus revision committee has considered all these factors thoroughly before venturing into the revision exercise. The Bachelor of Business Administration course covers all functional areas of management, law, mathematics, statistics, accounting, computer application and accounting software. The two project studies one theoretical (Minor) and other practical

(Major) as well as the mandatory requirements of three industrial visit and resultant report presentation will provide a cutting edge to this under graduate programme over the other similar ones. As many business houses are looking for talented personalities from commerce background with a deep practical knowledge in handling Accounts, Auditing, Banking & Insurance, Computerized Accounting, Banking and Financial Services and Analysis, the syllabus of BCom has been restructured to develop a well-trained commerce graduate in the above areas. Before the start of every academic session, Principal conducts a meeting with IQAC members and Heads of all the Departments and finalize the Academic Calendar in alignment with the university schedule. Guest lecturers are also appointed for the timely completion of the syllabus. Conventional mode of lecture is supplemented by seminars, project works etc to ensure a practical approach to the curriculum. The laboratories are equipped with the latest instruments required for conducting the practical classes. Internal assessment is done transparently, and Bridge courses are held in order to make the curriculum delivery more effective. Students are encouraged to participate in NSS and NCC and other social activities so as to enable them to be socially responsible citizens. Parent-Teacher Student meetings are organised at the departmental level to facilitate feedbacks and suggestions.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Social Media Marketing	Nil	12/08/2019	30	Employability	Designed to learn how to plan and implement successful marketing strategies on popular social media platforms.
LED Bulb Manufacturing and Servicing	Nil	01/07/2019	120	Entrepreneurship	Manufacturing and servicing of LED lightings

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NIL	Nil

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
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Number of Students

30

Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
NIL	Nil	Nil
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BBA	Marketing, HR, Finance	58
BCA	Application (Desktop, Network, web, Mobile)Development using various programming languages.	51
BCom	Accounts Executive	19
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
Feedback is considered as a valuable source of information to measure the level of satisfaction. Feedback is collected from various stakeholders like students, alumni etc with the help of a structured questionnaire framed and approved by the IQAC of this college. Feedback is also collected from the parents during Parent Teacher Meetings that are organised by each and every department of the college. Suggestions and comments given by the guardians are also taken into account for future development. Our feedback covers areas like Admission Procedure, Fee structure, Infrastructure, Lab facilities, Faculty, Quality of support material, Club and Extension, Library, Canteen Facilities, Discipline, Placement, Opportunity for Higher education, Development activities etc. The received feedback is then analyzed by the IQAC and is forwarded to the Head of the institution and staff council with necessary suggestions.

CRITERION II – TEACHING- LEARNING AND EVALUATION**2.1 – Student Enrolment and Profile**

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
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MSc	Electronics	12	Nil	11
BCom	Computer Applications	30	Nil	30
BCom	Cooperation	40	Nil	41
BSc	Electronics	60	Nil	33
BCA	Computer Applications	60	Nil	44
BBA	Business Administration	60	Nil	60
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	613	22	26	Nil	9

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
35	35	Nil	7	Nil	30

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring of Students in our college is done in different ways. Most of the programmes are supported by the Higher Education Department, Government of Kerala. The various mentoring schemes includes ASAP (Additional Skill Acquisition Programme) open to all students who are willing to join, WWS (Walk With a Scholar) Programme to help the peers of the institution and SSP (Scholar Support Program) for slow learning students. ASAP is focussed on providing additional skills like computer and IT awareness, communication, presentation etc. Walk with a scholar program meant to give mentoring to students to build ambition and career. This program contains internal and external mentoring for about 40 students. Several internal and external mentoring programs were conducted during the current academic year. Scholar support programme aims to support the slow learners in their studies through additional classes by the experts on the subject to bring them to the frontline. Support includes study materials, books, web resources etc. Special counselling sessions/seminars were conducted to sensitize gender equality, drug abuse, alcohol addiction, traffic rules etc. by experts in the field.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
635	35	1:18

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
27	22	5	Nil	7

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Harikrishnan P	Associate Professor	Convenor, Mahatma Gandhi University Examinations Vigilance Squad
2019	Dr. Praveen N	Associate Professor	Member, Academic Council, Mahatma Gandhi University
2019	Baby Girija	Associate Professor	Member, Mahatma Gandhi University Examinations Vigilance Squad
2019	Anil Kumar A C	Associate Professor	Member, Mahatma Gandhi University Examinations Vigilance Squad

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
MSc	MSC	4	30/06/2020	03/02/2021
BCA	BCA	6	03/06/2020	14/08/2020
BSc	BSC	6	03/06/2020	14/08/2020
BCom	BCOMCOP	6	03/06/2020	14/08/2020
BCom	BCOMCA	6	03/06/2020	14/08/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per the CBCSS regulations of Mahatma Gandhi University, 25 percentage of the evaluation is based on continuous assessment. Internal evaluation in the college is carried out through class tests, assignments, quizzes and class presentations/seminars. Centralized internal evaluations are carried out in the college on regular basis and the marks obtained in the tests are intimated to parents. Regular PTS meetings are conducted to discuss the academic and non-academic progress of students. Attendance is recorded in every hour of the class and attendance percentage is regularly displayed in the department notice board on monthly basis. Parents of students with attendance less than 75 are

informed in all months.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic calendar is prepared during the beginning of the year and implemented. Based on the feedback taken from the stakeholders, monitoring of teaching and learning process is carried out. Through brain storming sessions, college council meetings, PTA meetings and department meetings, remedial steps are suggested to improve the teaching learning processes.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://nsscrky.ac.in/Home/programs>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MSC	MSc	Electronics	10	9	90
BCOMCA	BCom	Computer Applications	29	23	79.31
BCOMCOP	BCom	Cooperation	37	31	83.78
BSC	BSc	Electronics	31	23	74.19
BCA	BCA	Computer Applications	44	41	93.18
BBA	BBA	Business Administration	47	29	61.7
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://nsscrky.ac.in/assets/feedback/survey1920.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nil	0	Nil	0	0
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative

practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Android programming	Computer Applications	31/12/2019
Android programming	Computer Applications	06/01/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Winner of YIP 2019	Student Team	YIP	20/03/2020	Student
Reboot Hackathon 2020	Student Team	Higher Education Dept and ASAP	28/01/2020	Student
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Electronics	1
Computer Applications	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electronics	5	2.5
National	Commerce	1	0
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics	5
Commerce	1
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as	Number of citations
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					mentioned in the publication	excluding self citation
A Varactor-Tuned Aperture Coupled Dual Band Cylindrical Dielectric Resonator Antenna for C-Band Application Dr Rekha T K	Dr Rekha T K	progress In Electromagnetics Research C	2019	1	0	1
Compact microstrip lowpass filter with high harmonics suppression using defected structures Dr Rekha T K	Dr Rekha T K	International Journal of Electronics and Communications	2020	10	0	10
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Nil	Nil	Nil	Nil	Nil	Nil	0
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	17	2	Nil
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Combined Annual Training Camp -6/09/2019	NCC	1	1
PRE-RD-1-06-Nov-2019	NCC	1	1
Annual Training	NCC	1	1

Camp Senapathy-14/10/2019			
National Integration Camp Kasargode-21/12/2019	NCC	1	2
National Integration Camp Thrissur-21/12/2019	NCC	1	1
Combined Annual Training Camp -Pottankadu-26/12/2019	NCC	1	4
Army Attachment Camp Thiruvananthapuram-27/01/2020	NCC	1	2
Started the practice of "Mid-Day Meals to our Dearests"- offering lunch on two days a week to Good Samaritan Old Age Home- near the college.	NSS	2	80
Initiated a program "NOT ME BUT YOU" which provided onam kit worth Rs.1000 to palliative patients in Rajakumai panchayath	NSS	2	80
Formed a club DARE(Drug Abuse Resistance Education)	Dept of Excise, Govt of Kerala	2	100
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	Nil
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
workshop organised by the Sabaragamuwa	Institute of Parliamentary Affairs, Govt. of Kerala	Model youth parliament	2	51

University of Sri Lanka in association with Emerald Publishing and Gulf Medical University, on "Writing Impactful Research" on 20th May 2021

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
External resource person of the UG syllabus restructuring workshop organized by Board of Studies Electronics, Kannur University at SN College, Kannur on 10th May 2019.	Dr Jinesh Mathew	Nil	1
Resource person of two-day workshop on UG experiments organized by Association of Physics Teachers and Mahatma Gandhi College, Iritty, 8-9 September 2018.	Dr Jinesh Mathew	Nil	2
Resource person of two-day national seminar on photonics trends and applications organized by Department of physics, Govt. College Mananthavady and sponsored by collegiate education, Kerala, 7-8 November 2018.	Dr Jinesh Mathew	Nil	2

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering	Duration From	Duration To	Participant
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		institution/ industry /research lab with contact details			
Academic project	BCA project	Software Institutions Ernakulam	Nil	Nil	0
Academic project	BBA Project	Different industries in Kerala	01/01/2020	31/01/2020	57 students
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Lutron Technologies, Ernakulam	07/03/2019	Training of students under the skill Development Centre namely LeTin under the auspices of PG Department of Electronics	20
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2	1.24

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Nil
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Campus Area	Newly Added
Laboratories	Newly Added
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Partially	18.05.05.00	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6463	1230647	224	71528	6687	1302175
Reference Books	200	Nil	35	Nil	235	Nil
e-Books	200	Nil	60	Nil	260	Nil
Journals	6	Nil	Nil	Nil	6	Nil
e-Journals	Nil	Nil	4	Nil	4	Nil
CD & Video	100	Nil	Nil	Nil	100	Nil
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nil
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	96	3	17	1	0	4	4	100	1
Added	0	0	0	0	0	0	0	0	0
Total	96	3	17	1	0	4	4	100	1

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
DIGITAL CAMERA AND AUDIO SYSTEM	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1.5	1.13	0.5	0.1

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The annual maintenance and improvement of facilities under the laboratory, library and sports were carried out using the special fee collected from the students, management fund, PTA fund etc. Timely assessment and maintenance is done. Government funds are being utilized, strictly following the guidelines. Necessary requirements are reported to the management in time.

<https://nsscrky.ac.in/assets/facilities/facilities1920.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee concession as per Govt of Kerala	474	1853340
Financial Support from Other Sources			
a) National	NIL	Nil	Nil
b) International	NIL	Nil	Nil
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
YOGA	22/07/2019	100	All Departments
REMEDIAL COACHING	14/10/2019	150	All Departments
BRIDGE COURSE	20/10/2020	200	All Departments
PERSONAL COUNSELLING AND MENTORING	04/02/2020	180	All Departments
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
Nil	PG ENTRANCE EXAMINATION	150	150	6	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance
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		redressal
14	14	12

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
NIL	Nil	Nil	3	30	5
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
Nil	8	B.Sc Electronics	Electronics	Details in file	Details in file
Nil	15	BCA	Computer Applications	Details in file	Details in file
Nil	13	BBA	Business Administration	Details in file	Details in file
Nil	24	B.Com	Commerce	Details in file	Details in file
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	2
Any Other	4
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Physique competition	Institution	6
Taekwondo tournament	Institution	12
Kabadi tournament	Institution	40
Volleyball tournament	Institution	40
Chess tournament	Institution	15
Football tournament	Institution	60
Cricket tournament	Institution	60
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international

level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

THE 2019-2020 NSS college union's SWEARING-IN CEREMONY function authoritatively lead by Dr. R Rajeevan and the union advisor Mr. Sreekumar B say the oath for newly united union office bearers on 2019 October 4th. Council members: Ajay Sasi (Chairman), Amalu joseph(Vice-Chairperson), Aswin Jiji (General Secretary), Devanarayan(Arts Secretary), Gokul S(UUC), Aadhil Meeran(UUC), Aswin(Sports Secretary). The functions organized by the college union are 1. Old age home visit:-College students visit nearby old age home and distributed some food items on 12/12/2019. 2. College union inauguration: On 18/12/2019 Mr. Pareekutty Perumbavoor (actor) inaugurates our college union named Druva 3. Sports day is celebrated on 10/02/2020 4. Women's day:- College union Celebrated International women's day festival on March 9th at NSS Rajakumari. The event was inaugurated by college principal Dr. R Rajeevan. Conducted a Seminar Gender issues in an ageing Society by Anju councilor ICTC, Adimali Taluk Hospital 5. Conducted a seminar on drug abuse and effects and an essay competition in association with Excise Department on 12/02/2020.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Gurudakshina series lecture by Alumni Project assistance to final year students by organisations run by alumni 1. PN junction lab - Ernakulam 2.packman technologies - Angamaly

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words) Mission 1. To mould the stakeholders of the various programmes to excel in their field. 2.To give opportunity for community and extension activities and hence to create awareness of the real world situation 3.To nurture the inbuilt capability of every student through curricular and non curricular activities 4.To facilitate the stakeholders expertise in solving practical as well as real world situations through well equipped laboratories and in-house projects To convert the laboratories into

active research centres Vision To uplift the socio-economic backwardness of this area by providing job-oriented education in new generation programmes like Electronics, Computer and Commerce and to equip the stakeholders competent and hardworking to survive the challenges in the present competitive world

Decentralization The institution has a mechanism of providing operational autonomy to various functionaries in order to ensure a decentralized governance system.

1. Principal Level Principal is the member secretary of the governing body and chairperson of the IQAC. The Principal in consultation with the Teachers' Council nominates different committees for planning and implementation of different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers council.

2. Faculty level Faculty members are given representation in various committees/cells nominated by the Teachers council, in the Governing body, in the IQAC and other committees. Every year, the composition of different committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty members. Following are the different sub-committees which have been nominated by Teachers' Council (2018-19):

1. Admission Committee
2. Research Committee
3. Internal Examination Committee
4. Hostel Committee
5. Anti Ragging Committee

Participation of Teachers in Decision-Making Bodies

- Teachers discharge an important role in implementing the vision and mission of the college and to that end play a proactive part in the decision-making process. Heads of Departments enjoy considerable administrative and academic autonomy in running their disciplinary units.
- Teachers influence the institutional polity through the Teachers' Council, through their representatives on the Governing Body, the Finance Sub-Committee, the Buildings Sub-Committee, and the Hostel Sub-Committee of the college.
- Besides, teachers are members and conveners of the various committees that are instituted for the day-to-day functioning of the college. Some of these committees are the Academic Council, the Examination Committee, the Admission Committee, the Library Committee, the Journal Committee, the Seminar and Research Committee etc.

6.1.2 – Does the institution have a Management Information System (MIS)?

No

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Details regarding various programmes offered by the institution are published on the College website. ??The institution arranges a help desk where students are directed as to how to apply online for CAP, how to proceed from the first to the final allotment and when to make the fee payment. ??An Admission Committee monitors the admission procedure. ??The institution applies for marginal increase of seat whenever necessary. ??The list of candidates admitted is forwarded to the university. ??Percentage wise allocation of seats: 50 for open merit, 20 for SC ST candidates, 10 for community reservation, 20 for management quota

Industry Interaction / Collaboration	The Institution conducts industrial visits and factory visits for the students .For B Com and BBA students Industrial visits are a part of their curriculum so industrial visits are conducted every year .
Human Resource Management	Teaching faculty and other staff members are recruited on grounds of merit as per the norms stipulated by the UGC, the Govt. of Kerala and the Mahatma Gandhi University. ??The College motivates the staff to attend faculty development programmes as well as to conduct programmes in the College to enhance professional competence. ??The management identifies the skills of the staff and the students through constant monitoring and through feedback collected. ??Teachers are made co-ordinators of the various activities to aid the quality improvement of the institution. ??The efforts of the staff are recognised and appreciated. ??Students are given technical training to assist the teachers in various technical activities. Clubs like NCC, NSS, , etc undertake various extension activities.
Library, ICT and Physical Infrastructure / Instrumentation	? Library ? The College has a well furnished partially automated Central Library in the ground floor with good number of books for all the programmes offered in the College. Regional and National Dailies and magazines are subscribed in the Library. Publications like Employment News, Thozhil vartha, Thozhil Veedhi, etc provide information regarding various employment opportunities both at public and private sector undertakings. In addition, all the Departments have libraries of their own from where students can subscribe book. N-LIST is introduced in the library ? ICT Every department is provided with a computer with internet connection, LCD projector and a printer. Teachers are encouraged for online submission of question papers for internal examination. The College has a well furnished language lab to train the students in good communication practices maintains a a media centre ? Every department is provided with a computer with internet connection and a printer. One of the classrooms of every Department is converted to a smart class with the

addition of an LCD Projector and screen. The College has a well furnished language lab to train the students in good communication practices. ? Infrastructure Each department has sufficient number of class rooms adjacent to the Department Smart class room – one in each Department Language Lab supported with sufficient software in the Department of English Central Computer Lab Computer labs at Departmental level Separate ramps are provisioned for unhindered passage for persons with disabilities Hostel facility for girls

Research and Development

A Research Committee headed by the Principal functions in the College. The Committee helps and encourages the faculty members to undertake research projects. Many teachers have done their research projects such as minor project and major projects with the help of the Research committee

Examination and Evaluation

The College Handbook contains a detailed and clear description of the evaluation process which would be implemented in the College during the academic year. ??The HODs and class teachers brief the students on the process of evaluation, marking system, internal and external examinations etc. ??Timely notifications are put up and announcements are also made with regard to the examination dates and other relevant information. ??Two teachers and one administrative staff have been given charge of the examinations. Valuation of papers in time and dissemination of the assessment outcomes to students and parents. After the internal examination, PTA meetings are organised by the concerned departments ? Examination and Evaluation The College Handbook contains a detailed and clear description of the evaluation process which would be implemented in the College during the academic year. ??The HODs and class teachers brief the students on the process of evaluation, marking system, internal and external examinations etc. ??Timely notifications are put up and announcements are also made with regard to the examination dates and other relevant information. ??Two teachers and one administrative staff have been

given charge of the examinations. Valuation of papers in time and dissemination of the assessment outcomes to students and parents. After the internal examination, PTA meetings are organised by the concerned departments. These internal marks are consolidated and published in the College notice board and grievances if any, are allayed before it is uploaded in the University website

Teaching and Learning

Teaching and learning Every academic year begins with an orientation to the students and special orientations are also arranged for the teaching and non-teaching staff. Library provides special focus on accessing e-journals and INFLIBNET facility is provided to all the students who wish to pursue advanced learning options The Bridge programme offered by the departments helps to bridge the knowledge gap of the students who are late admissions. Remedial coaching is given by every department as part of special assistance to support slow learners Feedbacks of teachers are collected from the students and suggestions and recommendations are properly conveyed. Professional development of faculty is promoted by providing support i) To undergo orientation / refresher courses ii) To equip themselves in modern pedagogical tools iii) To attend and organize national international seminars

Curriculum Development

Curriculum Development is done by University and affiliated colleges have no freedom to develop their own syllabus. Colleges follow the syllabus prescribed by the university. We have a good number of teachers from our college in the board of studies. The college prepares academic time table on the basis of the syllabus prepared by the university. The College follows the curriculum prescribed by the affiliated University. Teachers are encouraged to participate in workshops on curriculum development and modifications conducted by the University. As per the curriculum, the College prepares an Academic Calendar every year in tandem with the University norms. Three faculty members were appointed as the Members of the Board of Studies of M.G University

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Library automation has been initiated under the RUSA plan
Finance and Accounts	Salary of faculty members and staff are generated through spark
Student Admission and Support	Admission is carried out through centralized allotment process of Mahatma Gandhi University, Kottayam. Student can apply in the online mode and they are admitted through the CAP admission portal by the college
Examination	End Semester examination question papers for the UG and PG examinations are securely made available to the college through exam management portal of the University. Question papers are downloaded and printed at the college within the stipulated time before the examination. Also student attendance, hall ticket and all examination related matters are governed through the examination portal of the University.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr Reji A P	Advancement in Emerging Technologies and Applications at CUSAT	CUSAT	1000
2019	Dr Reji A P	Master Mentor Training Programme of Walk with scholar Programme by Directorate of Collegiate Education	Directorate of Collegiate Education	1000
2019	Dr Reji A P	2-Day Young Innovators Programme –Faciliators Workshop on Design of Kerala by ICT Academy of	ICT Academy of Kerala and K-DISC	1000

		Kerala and K-DISC		
2019	Dr Reji A P	Master Mentor Training program of WWS programme organized by Directorate of Collegiate Education ,Government of Kerala	Directorate of Collegiate Education ,Government of Kerala	1000
2019	Dr Reji A P	National Level Workshop on NIRF India organized by IQAC Marian College, Kuttikkana m	IQAC Marian College, Kuttikkana m	1000
2019	Dr Rekha T k	National Level Workshop on NIRF India organized by IQAC Marian College, Kuttikkana m	IQAC Marian College, Kuttikkana m	1000
2020	Dr. Ajitha R.S.	National Seminar on Machine Intelligence (NSMI 2017), Department of Computer Science University of Kerala	Department of Computer Science University of Kerala	1000
2019	Pradeep K G	International Seminar on ushering in waves of change in commerce and management: Opportunities and challenges	NSS Hindu College Chnagnacherry	1000
2020	Pradeep K G	National Seminar on fundamentals of quality research in social science	Government Arts and Science College Santhanapara	1000
2019	Pradeep K G	National Seminar on Mixed Methods in social	Government Arts and Science College Ollur.	1000

science
research

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nil	Nil	Nil	Nil	Nil	Nil	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
International Seminar on ushering in waves of change in commerce and management: Opportunities and challenges	1	30/09/2019	01/10/2019	2
One day orientation program on Digital Learning Through SWAYAM, School of Computer Science Mahatma Gandhi University	1	15/11/2019	15/11/2019	1
National Seminar on Machine Intelligence (NSMI 2017), Department of Computer Science University of Kerala	1	29/08/2019	02/09/2019	5
FDP Programme organised by KSHEC	1	27/02/2020	04/03/2020	7

Workshop on Frontiers in RF Communications and Circuit Design	1	21/11/2019	21/11/2019	1
National Level Workshop on NIRF India organized by IQAC Marian College, Kuttikkana m	2	21/11/2019	21/11/2019	1
Master Mentor Training program of WWS programme organized by Directorate of Collegiate Education ,Government of Kerala	1	04/09/2019	05/09/2019	2
2-Day Young Innovators Programme –Faciliators Workshop on Design of Kerala by ICT Academy of Kerala and K-DISC	1	18/11/2019	19/11/2019	2
Master Mentor Training Programme of Walk with scholar Programme by Directorate of Collegiate Education	1	04/07/2019	04/07/2019	1
Advancement in Emerging Technologies and Applications at CUSAT	1	01/07/2019	07/07/2019	7
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	12	3	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
SLI, GIS, GPIS, PF	SLI, GIS, GPIS, PF	Nil

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institution conducts management level audit which audits all the statutory and non-statutory fund utilization by the college. Government level local audit is conducted by the audit section of Deputy Director of Collegiate Education, Ernakulam.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	University	Yes	IQAC
Administrative	Yes	DD Office and Management	Yes	Management

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

At least a PTA meeting is held by each Department in a semester Once in a year a general body of the PTA is conducted by the College Parental participation in the PTA meeting is mandatory It plays a key role in maintaining discipline in the campus Every department maintains good rapport with the parents to ensure optimum academic performance of the students

6.5.3 – Development programmes for support staff (at least three)

Orientation Programme at the beginning of every academic year Computer literacy is provided to make them cope with the situation on-teaching staff are conferred training under SPARK scheme, district treasury office, DDE office, Income tax Department Encourage them to participate in various training programmes, workshops and orientation conducted by Government

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. More class room facilities by building a new classroom block under RUSA 2.0 Project 2.More teachers are qualified for research degree-Ph.D 3. Laboratory andl library facilities are enhanced

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No

c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Model Youth Parliament, conducted by the students under the auspices of Institute of Parliamentary Affairs, Govt. of Kerala	30/01/2020	30/01/2020	30/01/2020	51
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Womens day programmes	10/02/2020	10/02/2020	86	17

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Rest Rooms	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	14/08/2019	1	Poster campaigning on cleanliness	Environmental Conservation	28

2019	1	1	22/10/2019	1	Blood Donation Drive	Health	302
2019	1	1	14/11/2019	1	Participation of NSS volunteers in Polio Drive	Health and Hygiene	187
2019	1	1	27/11/2019	1	Street plays at different places	To create awareness among the people / community	70
2019	1	1	03/12/2019	1	Swachh Bharat Abhiyan	Cleanliness and Collection of Electronic Waste	102
2019	1	1	11/12/2019	1	Anti-plastic awareness week by NSS	Environmental Conservation	102
2019	1	1	14/01/2020	1	NSS District Level Workshop	To create awareness about policies programs of Government	70

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for students (Discipline and Conduct)	12/06/2019	The code of conduct for students was drafted and published in college prospectus on Page 28 under the heading Discipline and Code of Conduct . Principal of the college informs the code of conduct, highlighting discipline in the Orientation Program for the first year students. The college also has discipline committee

		consisting of senior professor and his/her team of teachers who supervises and looks after the overall conduct of the students. As a mechanism to follow the code of conduct effectively, the defaulters are asked to submit (subject) assignments or fines or participate in an activity as social responsibility in adopted village.
Code of Conduct for Teachers	12/06/2019	the code of conduct for teachers under the title code of Professional Ethics (Statues of Government). It is adhered to by the students is conveyed to the teachers by the Principal to enhance teachers performance. Any issues in the department or at interpersonal levels are resolved professionally in the meetings with the Principal. Also regular Departmental and Staff meetings are held by the Principal to inform and instruct the work proceedings.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Unity Day (NCCNaval Unit and NSS)	05/06/2019	05/06/2019	120
Human Rights Day (Dept. of Law)	19/06/2019	19/06/2019	115
Yoga and its importance in Human life	10/07/2019	10/07/2019	90
Tree Plantation and Swachhata (NSS)	24/07/2019	24/07/2019	79
Traffic awareness programme (NSS)	26/07/2019	26/07/2019	90
Independence Day	15/08/2019	15/08/2019	300
Republic Day	26/01/2020	26/01/2020	206

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Volunteers from all the batches cleaned the college campus and planted seeds of several flowering plants, and taken care afterwards. 2. With the help of the faculty, the students collected seeds of various vegetables and planted in the campus. Periodic care including watering, manuring and de-weeding also performed by them. .

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: LeTin Power Survey Goal: The skill development centre (LeTin) of PG Department of Electronics conducted a power survey map of the power consumption in the houses of nearby villages. The survey also gave awareness to the villagers how to save electricity. Context: Energy saving is the best method to produce energy. Most of the electronic appliances are now rated to meet the energy efficient standard. Most of the energy that produced is consumed by the domestic users and is consumed in terms of light. Energy efficient lighting like compact fluorescent lamps are hazardous to environment due to mercury contamination and are very difficult to recycle. LED lightings are highly efficient and make no hazard to environment and are the right choice for sustainable light energy source. Hence LED lightings are the need of the hour. The Practice: Each student of B.Sc. Electronics is given a survey form and a leaflet containing the guidelines to save energy. They are entitled to survey at least 10 neighbourhood houses of their residence. The survey helped to find the total power consumed in the house and awareness for saving energy, the use of LED bulbs and also disposing damaged fluorescent lamps and CFLs. The importance of LED lamps in replacing the CFL and incandescent lamps are stressed in the campaign. Evidence of success: Damaged LED lights from these houses are taken and refurbished in the LeTin Skill Development Centre of the college and was given back to the people. All the surveyed households are given the contact details of the students so that the damaged LED lamps can be collected for recycling. 2. Title of the Practice: LeTin Jumbosonic Goal: The goal of this practice is to keep away wild elephants from the human inhabited areas around the college and to reduce the mortality due to elephant attack. Context: Human-elephant conflict (HEC) in particular has been increasing due to a reduction in elephant habitat with rising human population. Seventy-five percent of elephant habitats are found outside protected areas and development in these areas are happening at a fast rate, with little consideration for the world's largest mammals. Human elephant conflict is a critical issue faced by villagers in our area. Elephant causes severe damage to farmlands, humans through the frequent coincidence with humans. Conflict by the elephants have become the focal point that have the potential to damage large area of crops, destroy property, and cause injury and death. About 3-4 wild elephant attack deaths are reported in this region annually and the LeTin Skill Development Centre has proposed a solution by monitoring elephants and driven away from the scene using buzzing bee sound. Authorities will be well informed about the presence of the animals in the farmland. The Practice: The primary aim of this project is to keep away the wild elephants from human inhabitants and can be done by mimicking bee swarm. This project is viable to carry out to any extent from a simple bee sound generator to a warning system to local authorities for the presence of wild elephants. Hence cost-wise the project can be implemented from a low budget bee buzzing machine to a multi dimensional wild elephant information system. This system will work 24X7 and will be a watch dog for wild animal attacks. This project can be extended to monitor the presence of any other wild animals using an intelligent detection of animals. Evidence of success: This project is the product of a group of students who are actively

involved in the LeTin Skill Development Centre of the PG Department of Electronics and is in the final stage of implementation during the current academic year, 2019-20. Best Practice III: Title of the Practice: The Info Archive Goal As in the previous years Department of Computer Applications continues the practice ?The Info Archive ?to help poor students in its roll. The info archive gives an opportunity for the students to refer text books and study materials free of cost. The Context Most of the students studying BCA course comes from families of very poor financial background. The text books and reference books for the course are costly and are not affordable to most of them. Based on the feedback obtained from the students of previous batches, the department introduced the concept of info archive to help the needed students. The department introduced the practice in the academic year 2011-12 in which passing out students are directed to contribute as many text books as they can to the department. Now the info archive of the department has nearly 350 books contributed by the final year students of past 7 years. The Practice The Info Archive constitutes the reference books and text books for the BCA students. The students can refer books during their free time or in the morning / afternoon sessions. The books are kept in the department and are readily available for reference. The department is planning to increase the number of books with the help of its alumni. The alumni who are well placed can donate books to the department as a token of appreciation for the help they received during their study in this college. The main difficulty which may arise is the maintenance of the old books, and another concern is the space for storing the books. Now the books are available for reference only and we need to have the service of a librarian if lending of books is to be introduced. Evidence of Success The present crop of students in the department feels they are highly benefitted from the concept of getting the study material free of cost. The books are frequently referred which itself speaks volumes on the success of the practice. Problems Encountered and Resources Required Major concern is the fund for proper binding and maintenance of books. Also if the lending facility is to be introduced, services of a librarian becomes imminent

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://nsscrky.ac.in/Home/igac>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Recognizing its privileged position as a premier institute of higher learning, NSS College Rajakumary makes consistent efforts in fulfilling its social responsibility toward the local society. We conducted a study to investigate the relationship between RF exposure and human health issues in the four villages neighbouring our college. Our primary focus is on the exposure and health effects of the inhabitants living under the selected 14 cell towers. MECO's Electrosmog Meter Model 9720 was used to measure the readings. The device was a three axes meter able to measure E, H and power density under various scales. The area under study was divided into five different zones based on the distance from the nearest cell tower as follows. Zone 1 - Distance less than 50 metres Zone 2 - Distance within 50 - 100 m Zone 3 - Distance within 100 - 200 m Zone 4 - Distance within 200 - 300 m Zone 5 - Distance above 300 m. Measured the intensities of time varying electric, magnetic fields and power density of EM field inside and outside the residential buildings. A survey was conducted using personal interview method. Statistical analysis was done using the software SPSS. In this study, the aim is to get an inference about the role of radiation exposure in 32 different diseases. As per the observation, only 4 diseases were found to have obvious relation to the cell

tower radiation. They are, joint pain, sleep disorders, migraine related headaches and digestive problems. When examined the exposure range in which the inhabitants were living within the survey area, it has been found that 18.86 of the inhabitants were facing an exposure greater than the current Indian standard, 470mW/m². It was a proud moment for our college to conduct such a survey in the very remote area of Western Ghats .

Provide the weblink of the institution

<https://www.nsscrky.ac.in>

8.Future Plans of Actions for Next Academic Year

1. Construction and Renovation works under RUSA 2.0 project has to be completed. 2. Laboratory facilities and student amenities are to be enhanced using RUSA 2.0 project 2. Research centre has to be established under the auspices of PG Department of Electronics. 3. Research seminars/workshops in the subjects of Computer Science, Electronics, Business Administration and Commerce are to be conducted. 4. Admission procedure has to be carried out in a transparent manner. 5. Extension and co-curricular activities are to be organised to build a better culture among students. 6. More industry based projects to students. 7. More teachers are to engage with PhD and research works. 8. Research projects on major areas in the subjects like computer science, electronics, business administration, commerce etc. are to be proposed to UGC, DST and other agencies 9. Cultural and arts festivals are to be conducted to explore the talents in the campus. 10. Collaboration with the industry to train students in the recent technology has to be started. 11. Parent Teacher Student interaction to discuss the overall development of the student is to be conducted regularly. 12. Gender sensitization programs are to be conducted to foster the gender equality. 13. Seminars/talks are to be conducted to sensitize the students on drug/liquor addiction, traffic rules etc. 14. Club activities are to be strengthened and have to be extended to community service. 15. Incubation centre, collaboration with industry has to be materialised. 16. Webinars, Workshops, training programs for teachers and students are to be conducted in the online mode. Students who have not able to attend the online classes are to be identified and given necessary support from College.