



S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



IQAC Initiatives for the academic year 2017-18

1.	Re-opening Day Commencement of Class work for III & V Semesters.	16-06-2017
2.	<ol style="list-style-type: none"> 1. Nominated Sri Amara Raju, Senior assistant as the members of the Committee as per the guidelines for the constitution of IQAC. 2. Nominated two external experts in the IQAC as per Guidelines <ol style="list-style-type: none"> a. B Simhadri Rao, Educational Expert b. R.S . Nageswarao. 3. Nominated the following students in IQAC <ol style="list-style-type: none"> a. B. Devi-II BSC MPC, P. Siva Sankar II B.COM, P.Sai –II B.A., 4. prepared annual plan for academic year 2017-18. 5. conducted curricular, co-curricular and extracurricular activities as per the annual plan. 6. submitted AQAR for the year 2016-17. 7. submitted the utilization certificate to SERO-UGC after the submission of AQAR for the year 2016-17. 8. followed the guidelines of affiliated university, Andhra university regarding cluster electives in 6th semester under cbcs pattern. 9. Given choice to students to select the subject of their interest in 6th semester under cbcs pattern. 10. organized awareness programme to the students about cluster electives. 	16-06-2017
3.	Observation of World Day to combat desertification and drought	17-06-2017
4.	Observation of international Yoga Day	21-06-2017
5.	Observation of International Day Against Drug Abuse and Illicit trafficking	26-06-2017
6.	Commencement of class work of semester I	30-06-2017
7.	Bridge Course	30-06 to 08-07
8.	Observation of World Population Day	11-07-2017
9.	Observation of World Youth Skill Day	15-07-2017
10.	Observation of World Nature Conservation Day	28-07-2017
11.	Observation of World Tiger Day	29-07-2017
12.	<ol style="list-style-type: none"> 1. credited an amount of 73,440 rupees sero-ugc account number this amount was unspent as on 31/3/2017. 2. submitted the utilization certificate for an amount of 2,28,363 towards the expenditure incurred under different heads as per the letter no F.IQAC_066/14 dated march 2014 from the released financial assistance of 300000 as on 31-03-2017 	07-08-2017
13.	Commencement of first mid exams for I,III,V semesters	18-08 to 24-08
14.	Observation of International Youth Day	12-08-2017
15.	Observation of Independence Day	15-08-2017
16.	Observation of World Sports Day	29-08-2017
17.	Last date for submission of course wise strength particulars	31-08-2017

18.	Last date for submission of I mid semester marks of I,III, V semesters	04-09-2017
19.	II mid examinations for I,III and V semesters	20-09 to 26-09
20.	Observation of National Teachers Day	05-09-2017
21.	Observation of International Literacy Day	08-09-2017
22.	Observation of International Day for Preservation of Ozone layer	16-09-2017
23.	Observation of World Tourism Day	27-09-2017
24.	Dasara holidays	27-09 to 02-10
25.	Last date for submission of consolidated mid semester marks	09-10-2017
26.	Observation of World Teachers Day	03-10-2017
27.	Observation of Indian Air force Day	08-10-2017
28.	Observation of International Girl child Day	11-08-2017
29.	Observation of World Students Day	15-08-2017
30.	<ol style="list-style-type: none"> 1. constituted committee to prepare the latest guidelines issued by ugc with the following members. <ol style="list-style-type: none"> a. P Kiran Kumar b. Dr K Padma c. B. Chandramouli b. K.Ramayya c. P.Manjula d. Dr VKT Mahalaxmi 2. motivated the faculty to make the use of virtual classroom facility in the college. 	20-10-2017
31.	Observation of International Internet Day	29-10-2017
32.	Practical examinations for I,III and V semesters	09-10 to 21-10
33.	Semester end theory examinations for I,III and V semesters	23-10 to 11-11
34.	Commencement of class work for II,IV and VI semesters	15-11-2017
35.	Observation of World No Tobacco Day	01-11-2017
36.	Observation of National Education Day	11-11-2017
37.	Observation of International Day For the Elimination of Violence Against Women	25-11-2017
38.	Observation of Indian Constitution Day	26-11-2017
39.	Christmas holidays	23-12 to 25-12
40.	Observation of World AIDS Day	01-12-2017
41.	Observation of Indian Navy Day	04-12-2017
42.	Observation of World Soil Day	05-12-2017
43.	Observation of World human rights Day	10-12-2017
44.	Observation of World Conservation of Energy Day	14-12-2017
45.	Observation of National Mathematics Day	22-12-2017
46.	I mid exams for II,IV and VI semesters	02-01 to 09-01
47.	Pongal holidays	11-01 to 18-01

48.	Observation of Indian Army Day	15-01-2018
49.	Observation of National Girl Child Day	24-01-2018
50.	Observation of National Voters Day	25-01-2018
51.	Observation of Indian Republic Day	26-01-2018
52.	Last date for submission of I mid sem marks of II,IV, and VI semesters	25-01-2018
53.	II mid exams for II,IV and VI semesters	28-02 to 08-03
54.	Observation of Safer Internet Day	07-02-2018
55.	Observation of International day Women and girls in Science	11-02-2018
56.	Observation of International Mother language day	21-02-2018
57.	Observation of National Science Day	28-02-2018
58.	Practical examinations for II,IV and VI semesters	09-03 to 20-03
59.	Observation of World Zero Discrimination Day	01-03-2018
60.	Observation of World Wildlife Day	03-03-2018
61.	<ol style="list-style-type: none"> 1. Sensitized the faculty members on format-I and format II for Academic audit prepared by the academic cell at CCE Vijayawada as per the new guidelines for assessment and accreditation issued by the NAAC bangalore. 2. Instructed all the faculty members and non teaching staff to update the records for the fourth coming academic and administrative audit (AAA) by CCE Vijayawada. 3. Trained and motivate the students to have the student satisfaction survey online instead of the offline survey using CCE portal. 	05-03-2018
62.	Observation of International Women's Day	08-03-2018
63.	Observation of World No Smoking Day	13-03-2018
64.	Observation of World Consumer rights Day	15-03-2018
65.	Observation of World Forests Day	21-03-2018
66.	Observation of World Water Day	22-03-2018
67.	Last date for submission of mid marks and practical	31-03-2018
68.	Semester end theory examinations for II,VI and IV semesters	22-03 to 10-04
69.	Summer vacation	01-05 to 14-06
	Re opening for next academic year	15-06-2018



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IQAC Initiatives for the academic year 2018-19

1.	Re-opening Day Commencement of Class work for I, III & V Semesters.	11-06-2018
2.	<ol style="list-style-type: none">1. nominated sri amara raju, senior assistant as the member of IQAC as per the guidelines for the constitution of IQAC.2. nominated two external experts in IQAC as per the guidelines a.B.simhadri rao educational expert b.R.S.Nageswarao3. nominated the following students in IQAC tulasi(II BSC), U.Satish(IIBA), Prasad III BCOM	11-06-2018
3.	Observation of World Day to combat desertification and drought	17-06-2018
4.	Observation of international Yoga Day	21-06-2018
5.	<ol style="list-style-type: none">1. Prepared annual institutional plan for the academic year 2018-19.2. conducted curricular, co-curricular and extra curricular activities as per the annual plan3. submitted AQAR for the year 2018-194. Instructed the faculty members to update the academic records from time to time and use ICT in teaching and learning.	25-06-2018
6.	Observation of International Day Against Drug Abuse and Illicit trafficking	26-06-2018
7.	Observation of World Day to combat desertification and drought	17-06-2018
8.	Bridge course	11-06 to 23-06
9.	Observation of World Population Day	11-07-2018
10.	Observation of World Youth Skill Day	15-07-2018
11.	Observation of World Nature Conservation Day	28-07-2018
12.	Observation of World Tiger Day	29-07-2018
13.	Commencement of first mid exams for I,III,V semesters	06-08 to 11-08
14.	Observation of International Youth Day	12-08-2018
15.	Observation of Independence Day	15-08-2018
16.	Observation of World Sports Day	29-08-2018
17.	Last date for submission of course wise strength particulars	18-08-2018
18.	Last date for submission of I mid semester marks of I,III, V semesters	25-08-2018
19.	II mid examinations for I,III and V semesters	17-09 to 22-09
20.	Observation of National Teachers Day	05-09-2018

21.	<ol style="list-style-type: none"> 1. conducted awareness classes to faculty by IQAC on the new guidelines for assessment & accreditation. 2. requested the principal to redesign the college website as per new NAAC guidelines 3. included NAAC tab online feedback format for students on teaching and learning, feedback by parents feedback by faculty feedback by alumni in the college website. 4. conducted awareness meeting to the students on SSS and update the phone numbers and e mail ids of students. 	05-09-2018
22.	Observation of International Literacy Day	08-09-2018
23.	Observation of International Day for Preservation of Ozone layer	16-09-2018
24.	Observation of World Tourism Day	27-09-2018
25.	Observation of National Teachers Day	05-09-2018
26.	Last date for submission of consolidated mid semester marks	29-09-2018
27.	Practical examinations for I,III and V semesters	03-10 to 16-10
28.	Last date for submission of mid and practical marks for I,III and V semesters	06-10-2018
29.	Observation of World Teachers Day	03-10-2018
30.	Observation of Indian Air force Day	08-10-2018
31.	Observation of International Girl child Day	11-08-2018
32.	Observation of World Students Day	15-08-2018
33.	Observation of International Internet Day	29-10-2018
34.	Dasara Holidays	17-10 to 21-10
35.	Semester end theory examinations for I,III and V semesters	22-10 to 17-11
36.	Observation of World No Tobacco Day	01-11-2018
37.	Observation of National Education Day	11-11-2018
38.	Observation of International Day For the Elimination of Violence Against Women	25-11-2018
39.	Observation of Indian Constitution Day	26-11-2018
40.	Observation of World No Tobacco Day	01-11-2018
41.	Commencement of class work for II,IV and VI semesters	19-11-2018
42.	<ol style="list-style-type: none"> 1. constituted 7 committees in each criterion to study the key indicators in each criterion and prepare the qualitative metrics and quantitative metrics. 2. Requested all the faculty members to register in VIDWAN (expert Database) and in ORICD(open research and contribution ID) 	06-12-2018
43.	Christmas holidays	24-12 to 25-12
44.	Observation of World AIDS Day	01-12-2018
45.	Observation of Indian Navy Day	04-12-2018
46.	Observation of World Soil Day	05-12-2018

47.	Observation of World human rights Day	10-12-2018
48.	Observation of World Conservation of Energy Day	14-12-2018
49.	Observation of National Mathematics Day	22-12-2018
50.	I mid exams for II,IV and VI semesters	07-01 to 11-01
51.	Pongal holidays	12-01 to 20-01
52.	Observation of Indian Army Day	15-01-2019
53.	Observation of National Girl Child Day	24-01-2019
54.	Observation of National Voters Day	25-01-2019
55.	Observation of Indian Republic Day	26-01-2019
56.	Last date for submission of I mid sem marks of II,IV, and VI semesters	25-01-2019
57.	<ol style="list-style-type: none"> 1. Circulated the formats for the academic audit to be conducted by CCE in the last month of February. 2. Instructed all the faculty members to speed up the process of preparation of Qlm and Qmm in each criterion for the academic years 2015-16,2016-17,2017-18 and 2018-19to go for cycle III accreditation on or before march 2020. 3. collected the feedback from the students on teaching and learning process in the instruction in sss format of NAAC and feedback from process using the link under the tab IQAC in the college website. 4. Analyzed the feedback collected from students and parents. 	05-09-2019
58.	II mid exams for II,IV and VI semesters	11-02 to 16-02
59.	Observation of Safer Internet Day	07-02-2019
60.	Observation of International day Women and girls in Science	11-02-2019
61.	Observation of International Mother language day	21-02-2019
62.	Observation of National Science Day	28-02-2019
63.	Practical examinations for II,IV and VI semesters	14-03 to 26-03
64.	Observation of World Zero Discrimination Day	01-03-2018
65.	Observation of World Wildlife Day	03-03-2018
66.	Observation of International Women's Day	08-03-2018
67.	Observation of World No Smoking Day	13-03-2018
68.	Observation of World Consumer rights Day	15-03-2018
69.	Observation of World Forests Day	21-03-2018
70.	Observation of World Water Day	22-03-2018
71.	Last date for submission of mid marks and practical for II,IV and VI semesters	23-03-2019
72.	Semester end theory examinations for II,VI and IV semesters	01-04 to 27-04
73.	Summer vacation	27-04 to 09-06
	Re opening for next academic year	10-06-2019



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IQAC initiatives for the academic year 2019-20

1.	Re-opening Day& Commencement of Class work for I, III &V Semesters.	03-06-2019
2.	Observation of World Day to combat desertification and drought	17-06-2019
3.	Observation of international Yoga Day	21-06-2019
4.	Observation of International Day Against Drug Abuse and Illicit trafficking	26-06-2019
5.	Bridge course	03-06 to 15-06
6.	Last date for submission of course wise strength particulars	27-07-2019
7.	Observation of World Population Day	11-07-2019
8.	Observation of World Youth Skill Day	15-07-2019
9.	Observation of World Nature Conservation Day	28-07-2019
10.	Observation of World Tiger Day	29-07-2019
11.	Commencement of first mid exams for I,III,V semesters	29-07 to 03-08
12.	Observation of International Youth Day	12-08-2019
13.	Observation of Independence Day	15-08-2019
14.	Observation of World Sports Day	29-08-2019
15.	Last date for submission of I mid semester marks of I,III, V semesters	13-08-2019
16.	II mid examinations for I,III and V semesters	16-09 to 21-09
17.	Observation of National Teachers Day	05-09-2019
18.	Observation of International Literacy Day	08-09-2019
19.	Observation of International Day for Preservation of Ozone layer	16-09-2019
20.	Observation of World Tourism Day	27-09-2019
21.	Last date for submission of consolidated mid semester marks	28-09-2019
22.	Practical examinations for I,III and V semesters	23-09 to 05-10
23.	Last date for submission of mid and practical marks for I,III and V semesters	12-10-2019
24.	Observation of World Teachers Day	03-10-2019
25.	Observation of Indian Air force Day	08-10-2019
26.	Observation of International Girl child Day	11-08-2019
27.	Observation of World Students Day	15-08-2019
28.	Observation of International Internet Day	29-10-2019
29.	Dasara Holidays	06-10 to 08-10
30.	Semester end theory examinations for I,III and V semesters	14-10 to 08-11

31.	Observation of World No Tobacco Day	01-11-2019
32.	Observation of National Education Day	11-11-2019
33.	Observation of International Day For the Elimination of Violence Against Women	25-11-2019
34.	Observation of Indian Constitution Day	26-11-2019
35.	Commencement of class work for II,IV and VI semesters	11-11-2019
36.	Christmas holidays	24-12 to 25-12
37.	Observation of World AIDS Day	01-12-2019
38.	Observation of Indian Navy Day	04-12-2019
39.	Observation of World Soil Day	05-12-2019
40.	Observation of World human rights Day	10-12-2019
41.	Observation of World Conservation of Energy Day	14-12-2019
42.	<ol style="list-style-type: none"> 1. Resolved to constitute the committee to study the key indicators in each criteria to submit IIQA and SSR 2. Resolved to submit AQAR 2018-19 3. Resolved to submit IIQA and SSR 4. Reolved to aware the students for submission of feedback forms 5. Resolved to aware the students about student satisfactory survey conducted by NAAC 	19-12-2019
43.	Observation of National Mathematics Day	22-12-2019
44.	<ol style="list-style-type: none"> 1. constituted the committee to study the key indicators in each criteria to submit IIQA and SSR 2. submit AQAR 2018-19 3. submit IIQA and SSR 4. Created awareness to the students for submission of feedback forms 5. Created awareness to the students about student satisfactory survey conducted by NAAC 	03-01-2020
45.	I mid exams for II,IV and VI semesters	06-01 to 11-01
46.	Pongal holidays	12-01 to 19-01
47.	Last date for submission of I mid sem marks of II,IV, and VI semesters	25-01-2020
48.	Observation of Indian Army Day	15-01-2020
49.	Observation of National Girl Child Day	24-01-2020
50.	Observation of National Voters Day	25-01-2020
51.	Observation of Indian Republic Day	26-01-2020

52.	II mid exams for II,IV and VI semesters	10-02 to 15-02
53.	Observation of Safer Internet Day	07-02-2020
54.	Observation of International day Women and girls in Science	11-02-2020
55.	Observation of International Mother language day	21-02-2020
56.	Observation of National Science Day	28-02-2020
57.	Last date for submission of mid marks for II,IV and VI semesters	22-02-2020
58.	Practical examinations for II,IV and VI semesters	07-03 to 21-03
59.	Observation of World Zero Discrimination Day	01-03-2020
60.	Observation of World Wildlife Day	03-03-2020
61.	Observation of International Women's Day	08-03-2020
62.	Observation of World No Smoking Day	13-03-2020
63.	Observation of World Consumer rights Day	15-03-2020
64.	Observation of World Forests Day	21-03-2020
65.	Observation of World Water Day	22-03-2020
66.	Last date for submission of mid marks for II,IV and VI semesters	24-03-2020
67.	Semester end theory examinations for II,VI and IV semesters	26-03 to 22-04
68.	Observation of National Maritime Day	05-03-2020
69.	Observation of World Health Day	07-03-2020
70.	Observation of Dr Bhimrao Ambedkar Jayanthi	14-03-2020
71	<ol style="list-style-type: none"> 1. Due to closing of the college by the lock down effect the committee identified the need to start online classes to the students. 2. The IQAC committee prepared time table for online classes to students 3. prepared AQAR for the academic year 2019-20 4. created awareness to the students and staff about the corona virus pandemic and taking measures. 	10-06-2020
72	<ol style="list-style-type: none"> 1. Followed lockdown guidelines in our college 2. conducted online classes to students 3. Reviewed of NAAC work criterion wise 4. Improved our college website 5. Conducted awareness program to students on student satisfaction survey. 	12-08-2020

73	<ol style="list-style-type: none"> 1. Conducted classes with maintaining social distance 2. Submitted the AQAR 2019-20 3. Prepared the SSR as early as possible 4. Improved the college website. 5. Conducted classes with maintaining social distance 6. Submitted the AQAR 2019-20 7. Prepared the SSR as early as possible 8. Improved the college website. 	07-09-2020
74	<ol style="list-style-type: none"> 1. continued on classes to students due to the confirmation of lock down 2. conducted webinars 3. Improved research activities of the staff members. 4. Prepared AQAR 5. Prepared SSR 	16-10-2020
75	Summer vacation	23-04 to 31-05
	Re opening for next academic year	0 1-06-2020



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IQAC initiatives for the academic year 2020-21

1.	Re-opening Day& Commencement of Class work for III &V Semesters.	02-11-2020
2.	<ol style="list-style-type: none">1. conducted offline classes to the students2. Maintained lock down rules3. Submitted AQAR4. Prepared SSR5. Improved College Website	15-11-2020
3.	Internal examinations for III and V semesters	01-12 to 05-12
4.	Closure of instructions for III and V semesters	06-03-2021
5.	Commencement of End Semester Examinations for III and V semesters	08-03-2021
6.	Commencement of Class work for IV &VI Semesters	25-03-2021
7.	Internal Examinations for IV and VI semesters	01-06 to 05-06
8.	Closure of instructions for IV and VI semesters	07-08-2021
9.	Commencement of End semester examinations for IV and VI exams	09-08-2021



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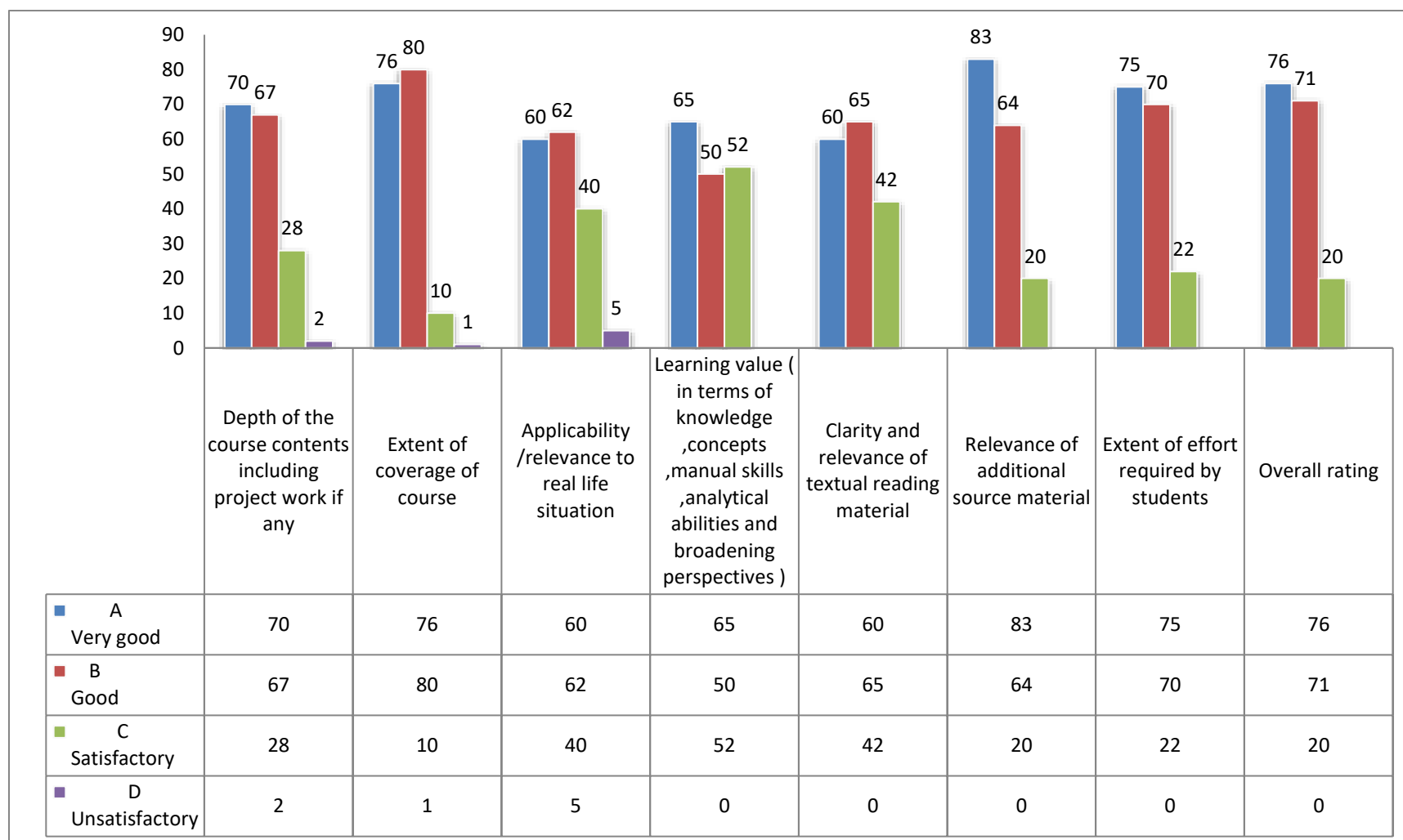


Analysis of Feedback on Curriculum by Students 2017-18

Samples 167

Q.No	Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.	Depth of the course contents including project work if any	70	67	28	2
2	Extent of coverage of course	76	80	10	1
3	Applicability /relevance to real life situation	60	62	40	5
4	Learning value (in terms of knowledge ,concepts ,manual skills ,analytical abilities and broadening perspectives)	65	50	52	0
5	Clarity and relevance of textual reading material	60	65	42	0
6	Relevance of additional source material	83	64	20	0
7	Extent of effort required by students	75	70	22	0
8	Overall rating	76	71	20	0

Analysis of Feedback on Curriculum by Students 2017-18





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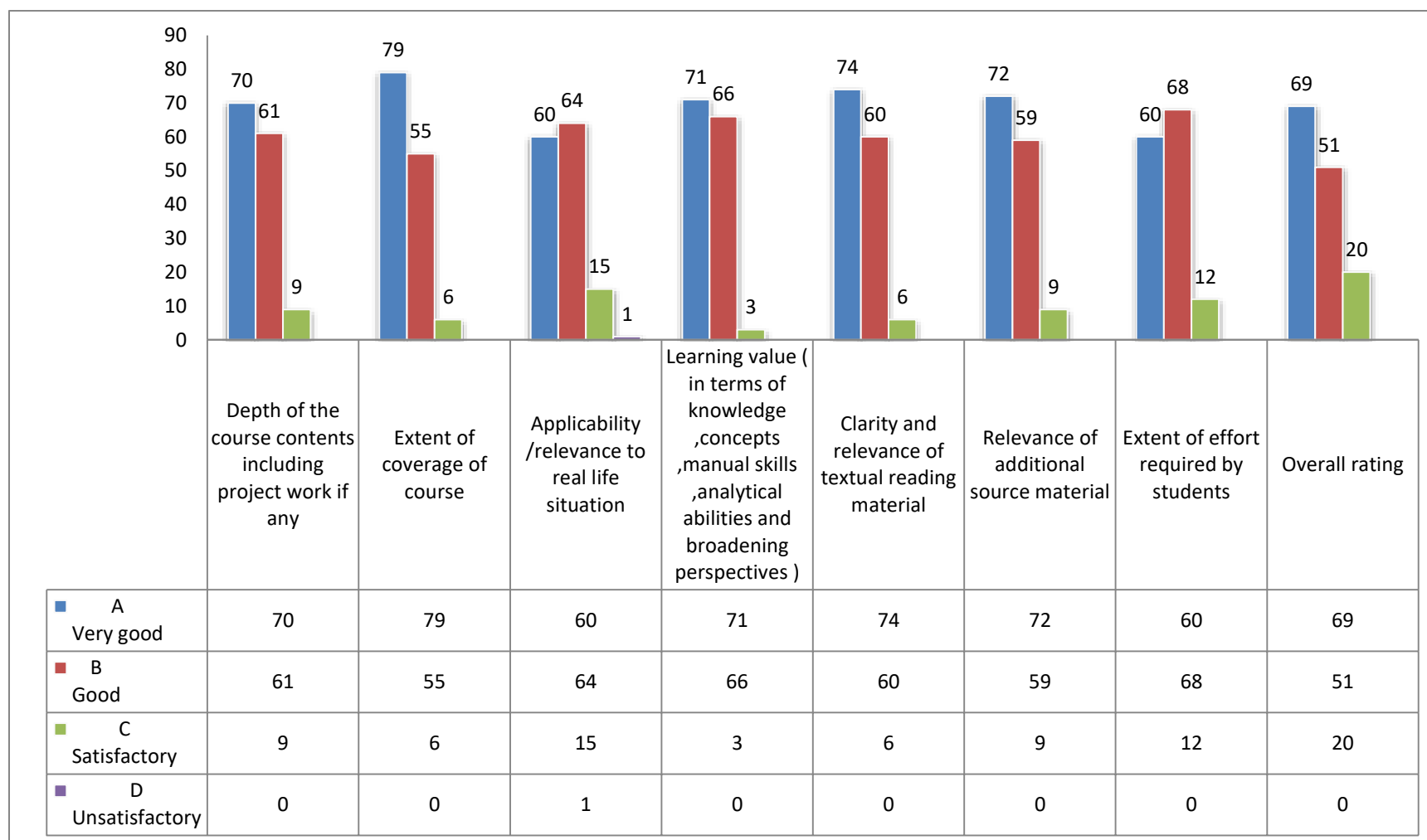


Analysis of Feedback on Curriculum by Students 2018-19

Samples 140

Q.No	Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.	Depth of the course contents including project work if any	70	61	9	0
2	Extent of coverage of course	79	55	6	0
3	Applicability /relevance to real life situation	60	64	15	1
4	Learning value (in terms of knowledge ,concepts ,manual skills ,analytical abilities and broadening perspectives)	71	66	3	0
5	Clarity and relevance of textual reading material	74	60	6	0
6	Relevance of additional source material	72	59	9	0
7	Extent of effort required by students	60	68	12	0
8	Overall rating	69	51	20	0

Analysis of Feedback on Curriculum by Students 2018-19





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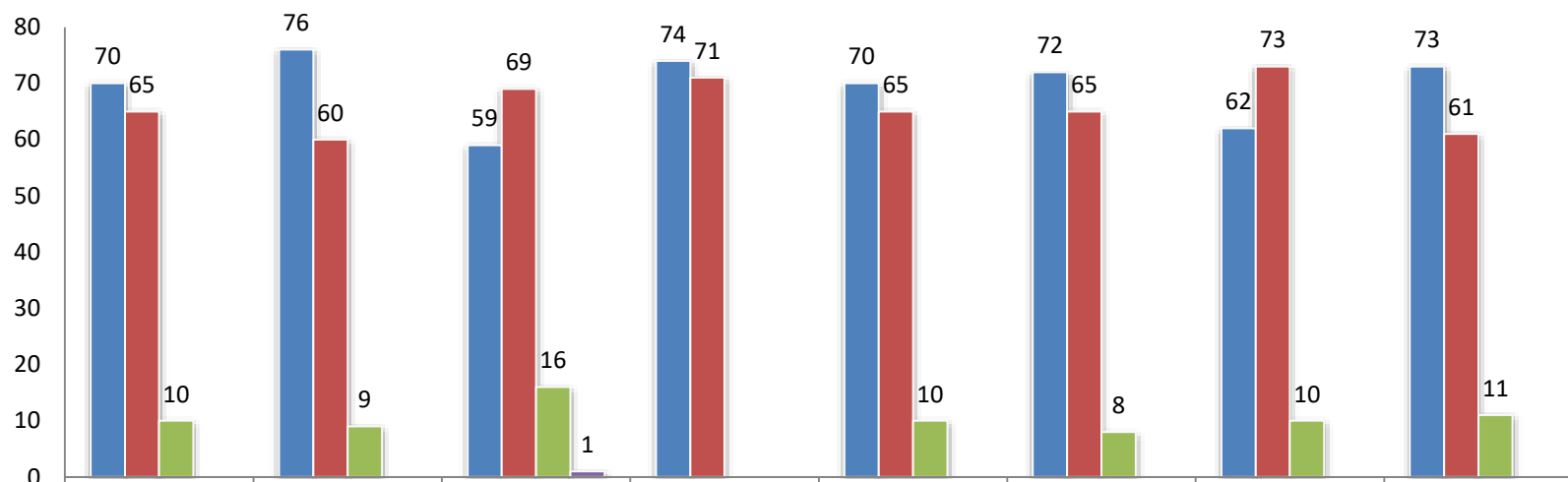


Analysis of Feedback on Curriculum by Students 2019-20

Samples 145

Q.No	Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.	Depth of the course contents including project work if any	70	65	10	0
2	Extent of coverage of course	76	60	9	0
3	Applicability /relevance to real life situation	59	69	16	1
4	Learning value (in terms of knowledge ,concepts ,manual skills ,analytical abilities and broadening perspectives)	74	71	0	0
5	Clarity and relevance of textual reading material	70	65	10	0
6	Relevance of additional source material	72	65	8	0
7	Extent of effort required by students	62	73	10	0
8	Overall rating	73	61	11	0

Analysis of Feedback on Curriculum by Students 2019-20



■ A Very good	70	76	59	74	70	72	62	73
■ B Good	65	60	69	71	65	65	73	61
■ C Satisfactory	10	9	16	0	10	8	10	11
■ D Unsatisfactory	0	0	1	0	0	0	0	0



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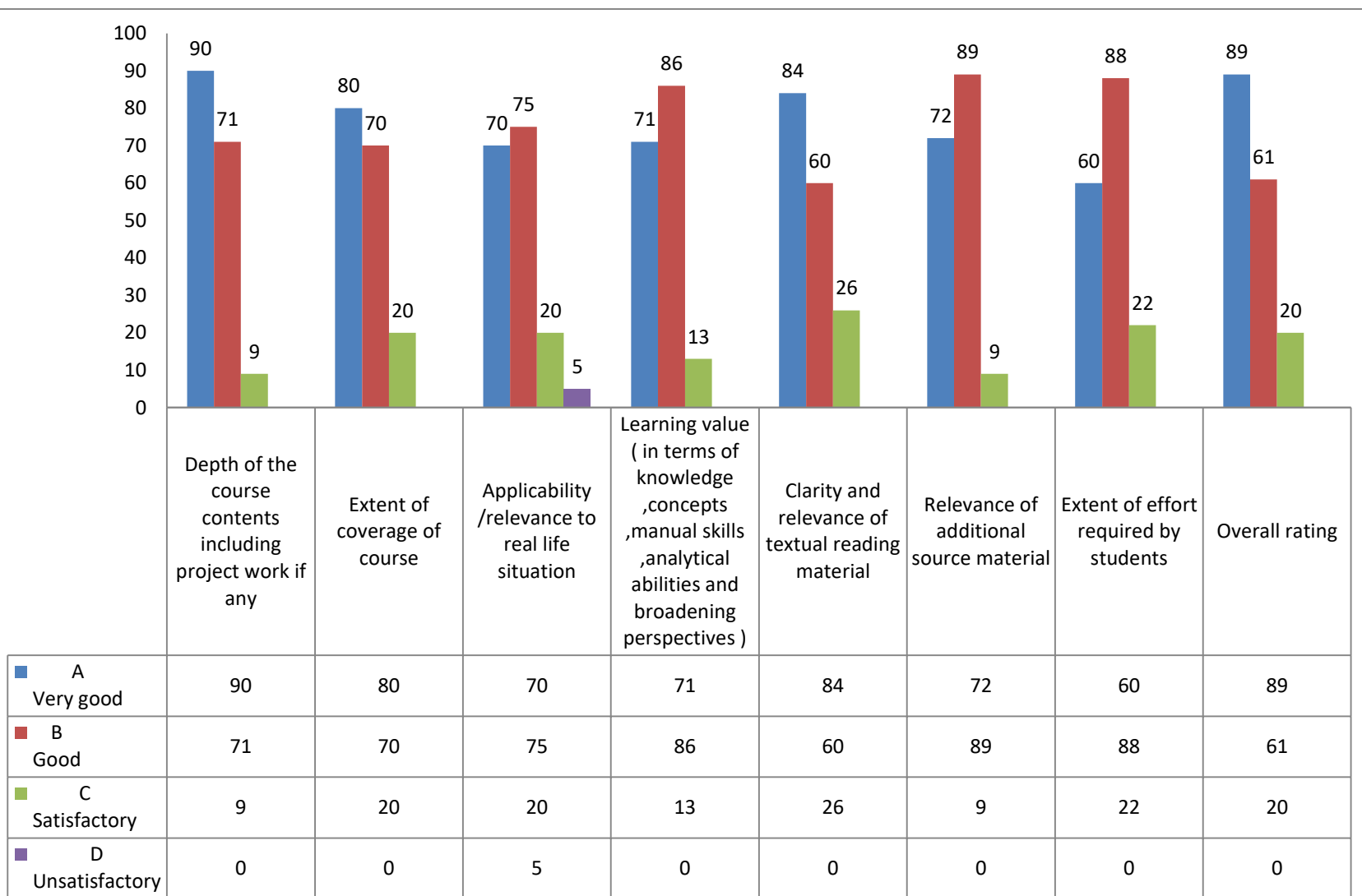


Analysis of Feedback on Curriculum by Students 2020-21

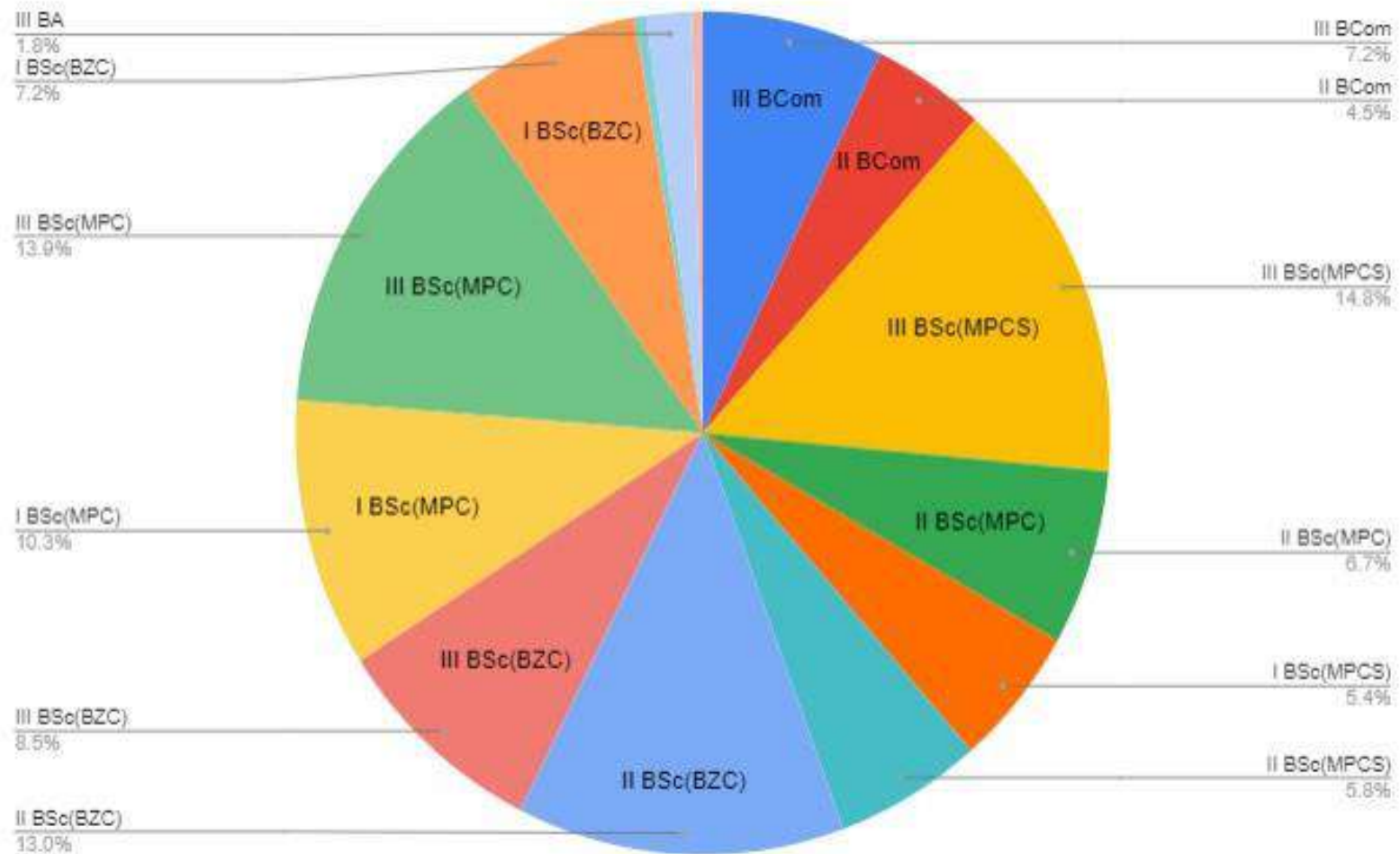
Samples 170

Q.No	Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.	Depth of the course contents including project work if any	90	71	9	0
2	Extent of coverage of course	80	70	20	0
3	Applicability /relevance to real life situation	70	75	20	5
4	Learning value (in terms of knowledge ,concepts ,manual skills ,analytical abilities and broadening perspectives)	71	86	13	0
5	Clarity and relevance of textual reading material	84	60	26	0
6	Relevance of additional source material	72	89	9	0
7	Extent of effort required by students	60	88	22	0
8	Overall rating	89	61	20	0

Analysis of Feedback on Curriculum by Students 2020-21



Analysis of Feedback on Curriculum by Students 2021 – 2022





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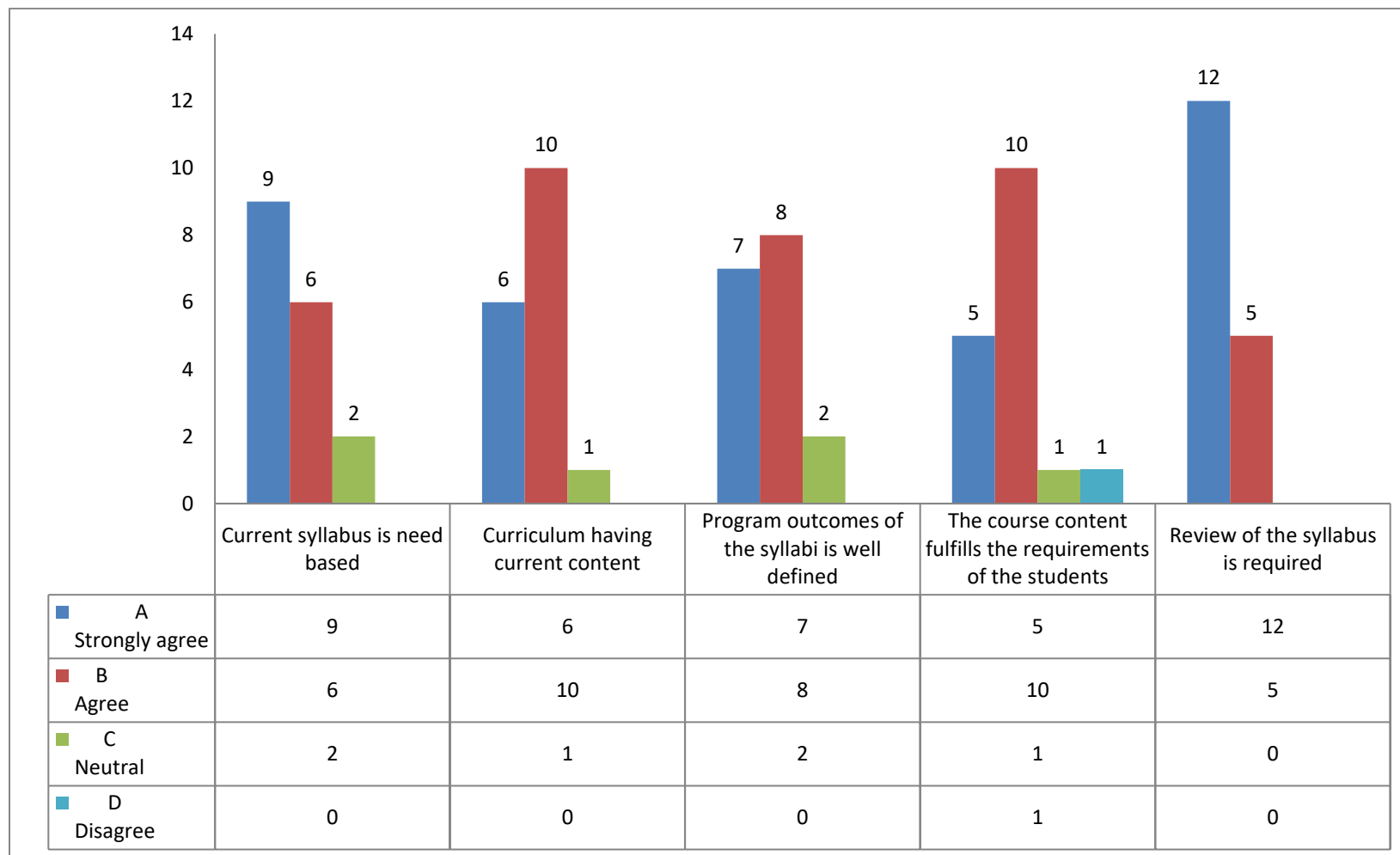


Analysis of Feedback on Curriculum by Teacher 2017-18

Samples 17

Q.No	Parameters	A Strongly agree	B Agree	C Neutral	D Disagree
1.	Current syllabus is need based	9	6	2	0
2	Curriculum having current content	6	10	1	0
3	Program outcomes of the syllabi is well defined	7	8	2	0
4	The course content fulfills the requirements of the students	5	10	1	1
5	Review of the syllabus is required	12	5	0	0
6	Curriculum promotes employability	6	6	5	0

Analysis of Feedback on Curriculum by Teacher 2017-18





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH

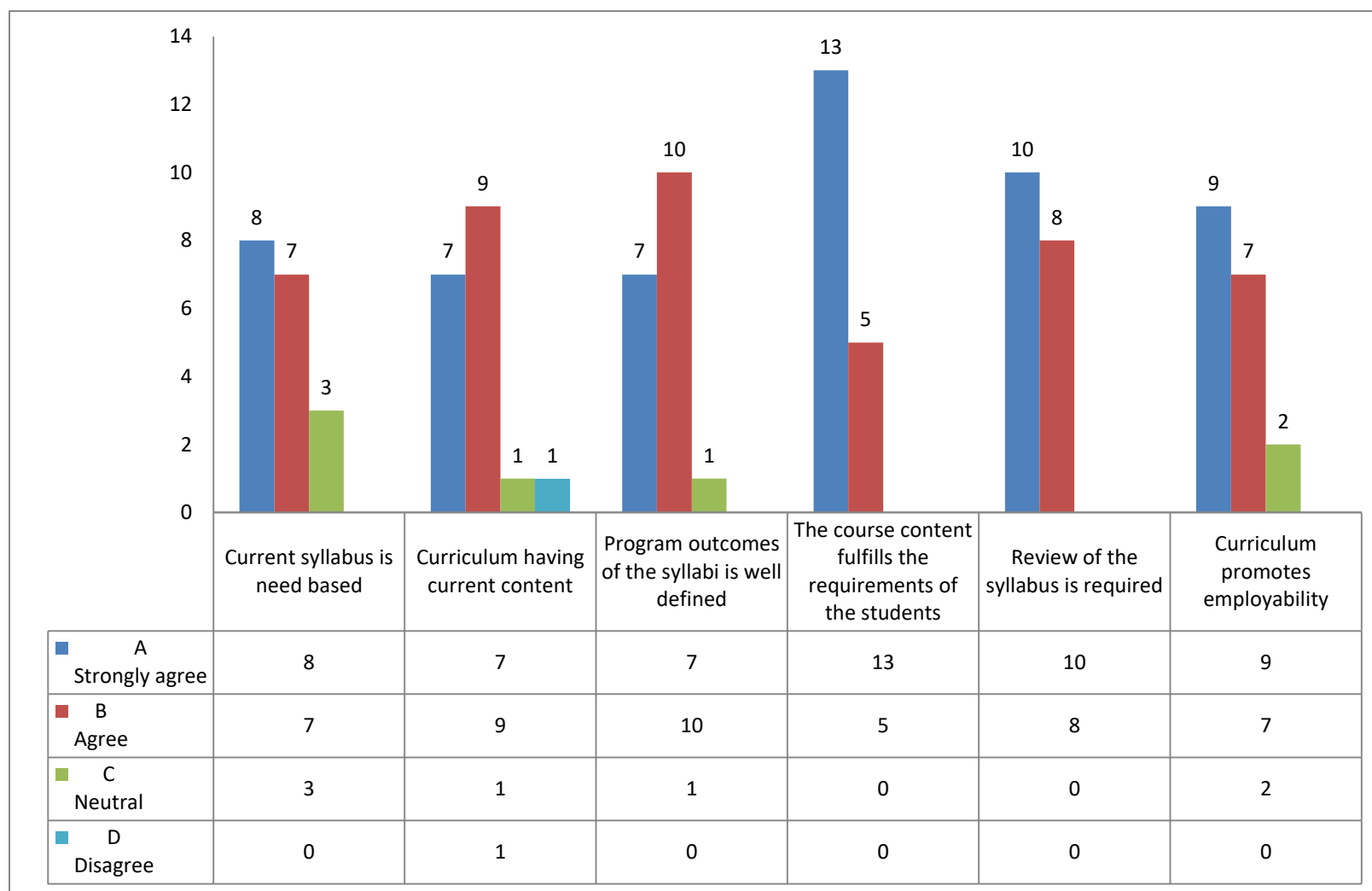


Analysis of Feedback on Curriculum by Teacher 2018-19

Samples 18

Q.No	Parameters	A Strongly agree	B Agree	C Neutral	D Disagree
1.	Current syllabus is need based	8	7	3	0
2	Curriculum having current content	7	9	1	1
3	Program outcomes of the syllabi is well defined	7	10	1	0
4	The course content fulfills the requirements of the students	13	5	0	0
5	Review of the syllabus is required	10	8	0	0
6	Curriculum promotes employability	9	7	2	0

Analysis of Feedback on Curriculum by Teacher 2018-19





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH

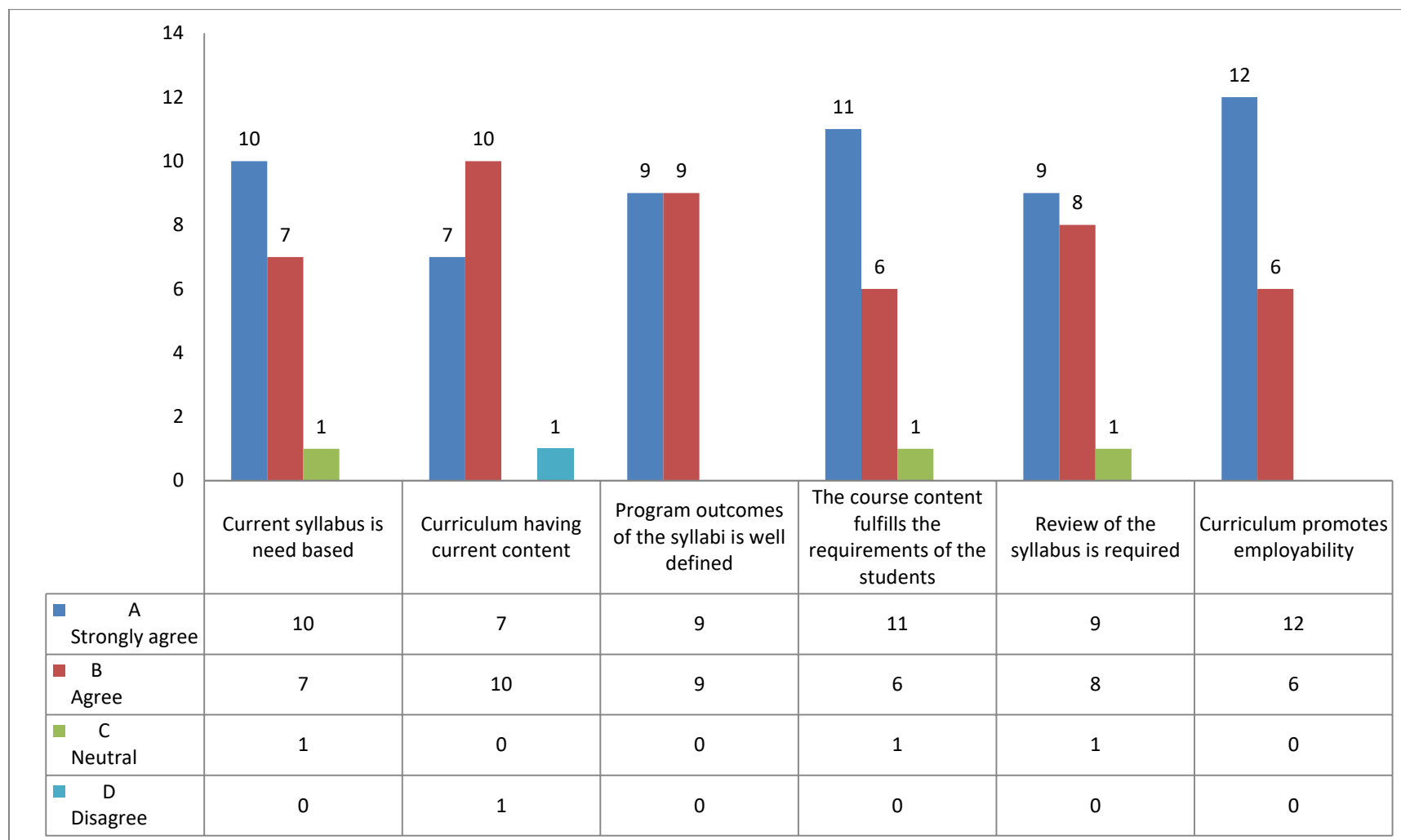


Analysis of Feedback on Curriculum by Teacher 2019-20

Samples 18

Q.No	Parameters	A Strongly agree	B Agree	C Neutral	D Disagree
1.	Current syllabus is need based	10	7	1	0
2	Curriculum having current content	7	10	0	1
3	Program outcomes of the syllabi is well defined	9	9	0	0
4	The course content fulfills the requirements of the students	11	6	1	0
5	Review of the syllabus is required	9	8	1	0
6	Curriculum promotes employability	12	6	0	0

Analysis of Feedback on Curriculum by Teacher 2019-20





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH

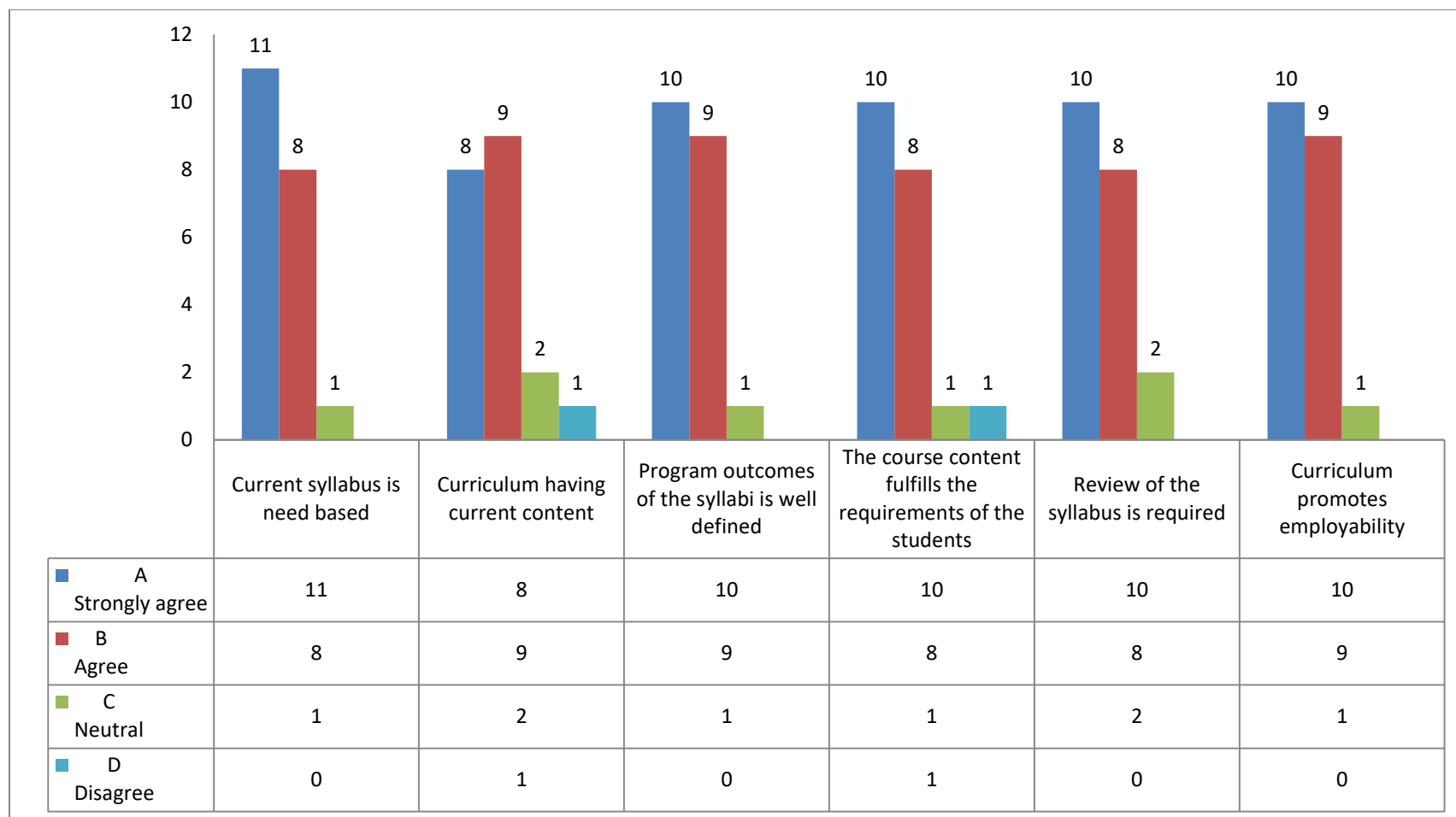


Analysis of Feedback on Curriculum by Teacher 2020-21

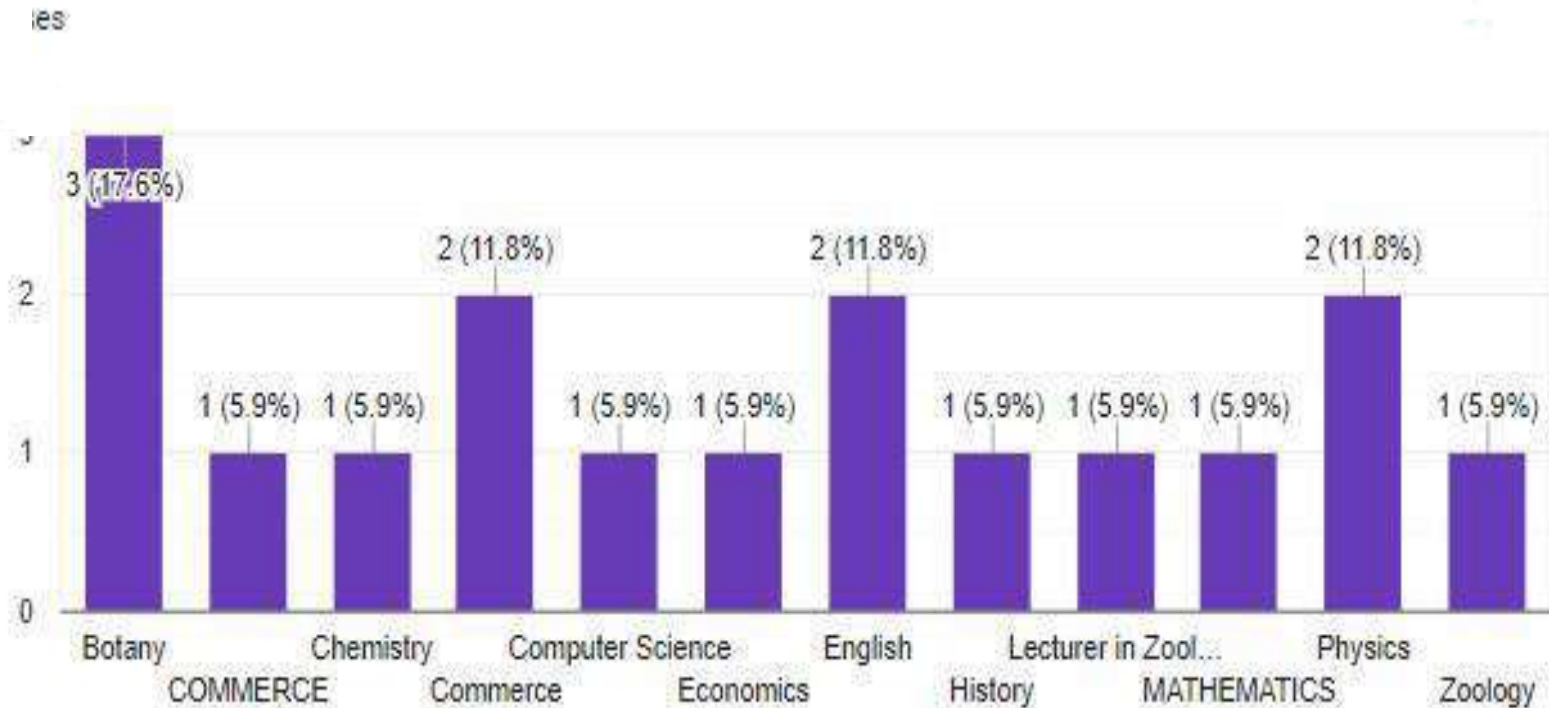
Samples 20

Q.No	Parameters	A Strongly agree	B Agree	C Neutral	D Disagree
1.	Current syllabus is need based	11	8	1	0
2	Curriculum having current content	8	9	2	1
3	Program outcomes of the syllabi is well defined	10	9	1	0
4	The course content fulfills the requirements of the students	10	8	1	1
5	Review of the syllabus is required	10	8	2	0
6	Curriculum promotes employability	10	9	1	0

Analysis of Feedback on Curriculum by Teacher 2020-21



Analysis of Feedback on Curriculum by Teacher 2021 – 2022





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH

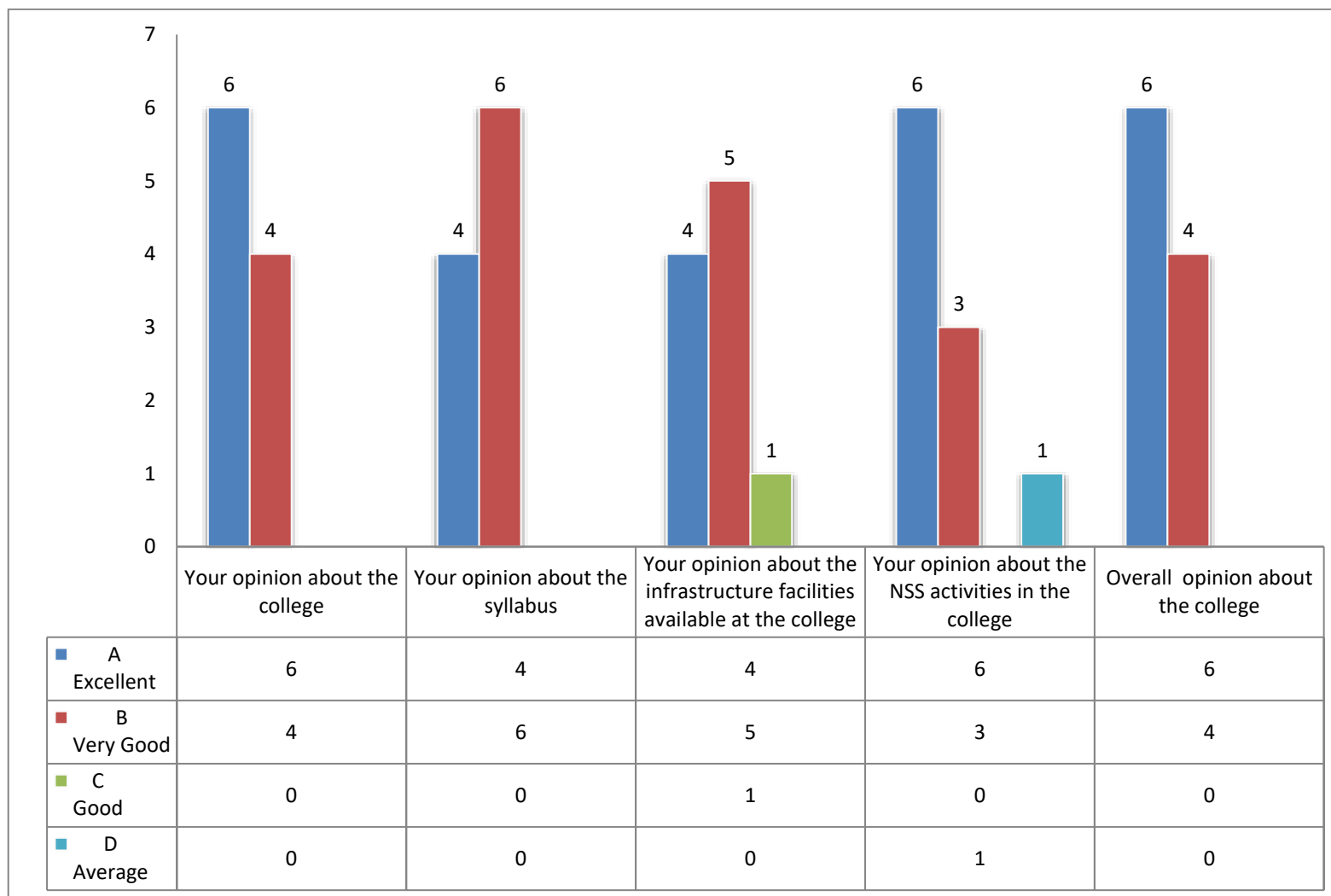


Analysis of Feedback on Curriculum by Alumni 2017-18

Samples 10

Q.No	Parameters	A Excellent	B Very Good	C Good	D Average
1.	Your opinion about the college	6	4	0	0
2	Your opinion about the syllabus	4	6	0	0
3	Your opinion about the infrastructure facilities available at the college	4	5	1	0
4	Your opinion about the NSS activities in the college	6	3	0	1
5	Overall opinion about the college	6	4	0	0

Analysis of Feedback on Curriculum by Alumni 2017-18





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH

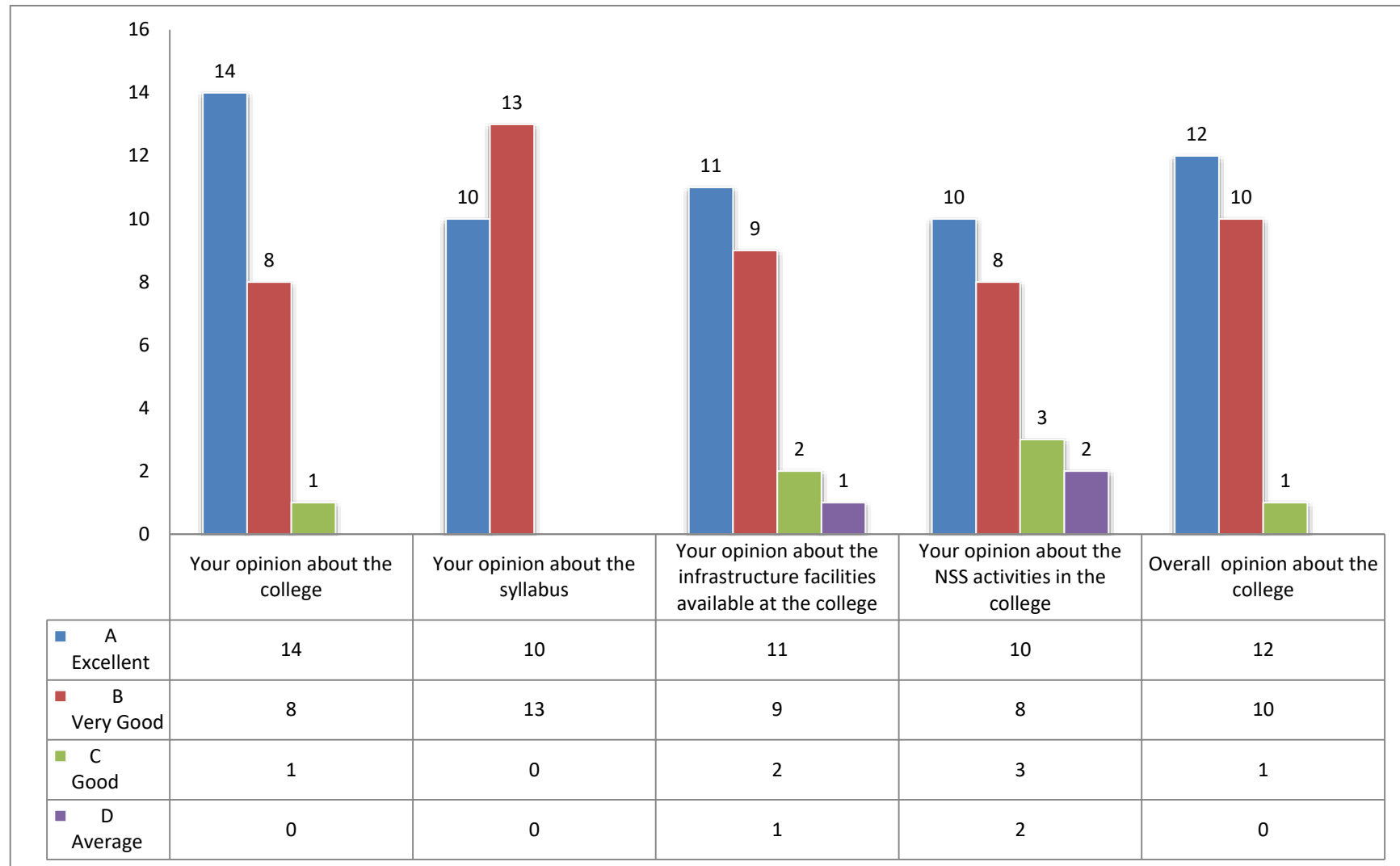


Analysis of Feedback on Curriculum by Alumni 2018-19

Samples 23

Q.No	Parameters	A Excellent	B Very Good	C Good	D Average
1.	Your opinion about the college	14	8	1	0
2	Your opinion about the syllabus	10	13	0	0
3	Your opinion about the infrastructure facilities available at the college	11	9	2	1
4	Your opinion about the NSS activities in the college	10	8	3	2
5	Overall opinion about the college	12	10	1	0

Analysis of Feedback on Curriculum by Alumni 2018-19





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH

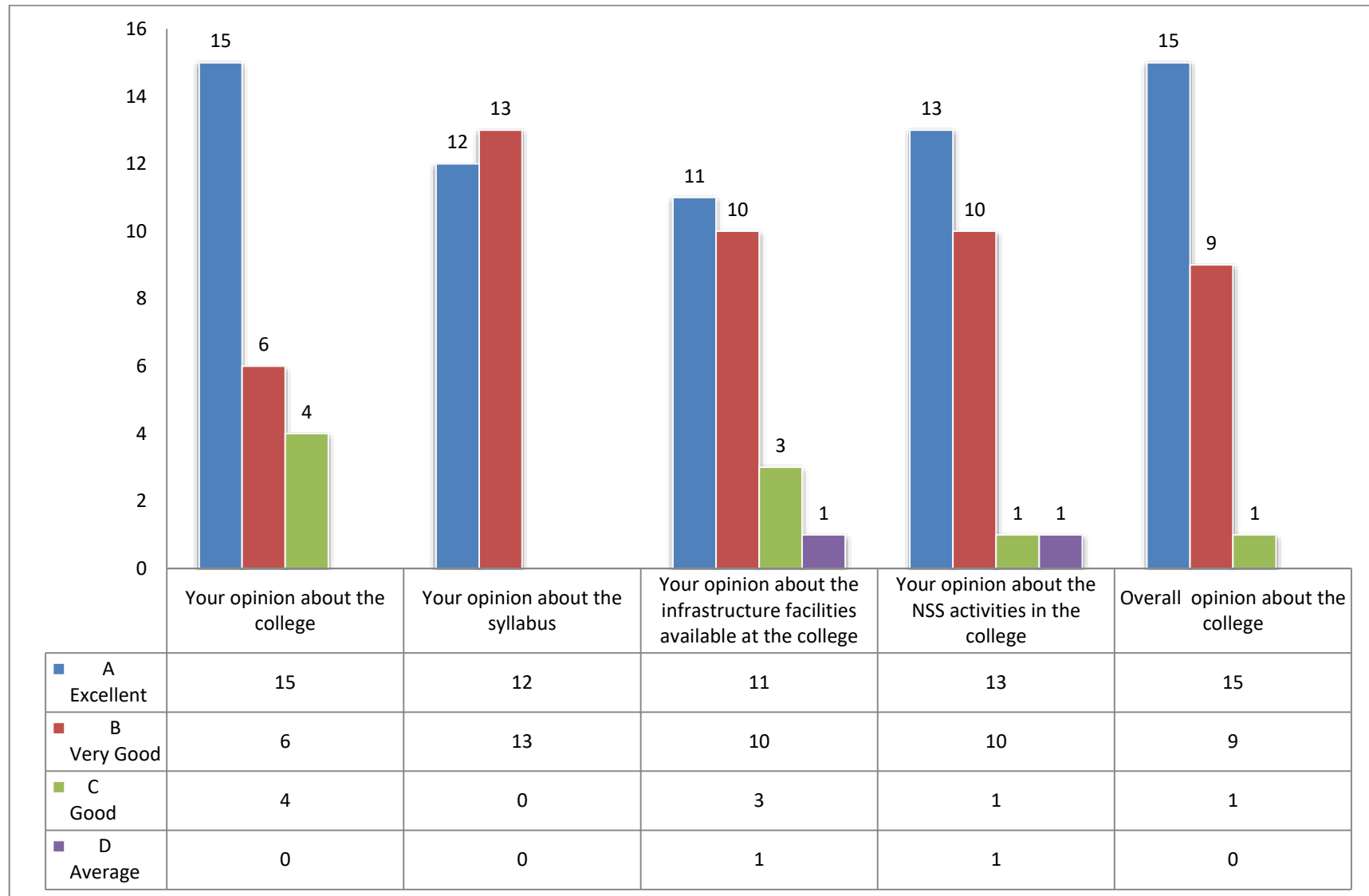


Analysis of Feedback on Curriculum by Alumni 2019-20

Samples 25

Q.No	Parameters	A Excellent	B Very Good	C Good	D Average
1.	Your opinion about the college	15	6	4	0
2	Your opinion about the syllabus	12	13	0	0
3	Your opinion about the infrastructure facilities available at the college	11	10	3	1
4	Your opinion about the NSS activities in the college	13	10	1	1
5	Overall opinion about the college	15	9	1	0

Analysis of Feedback on Curriculum by Alumni 2019-20





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH

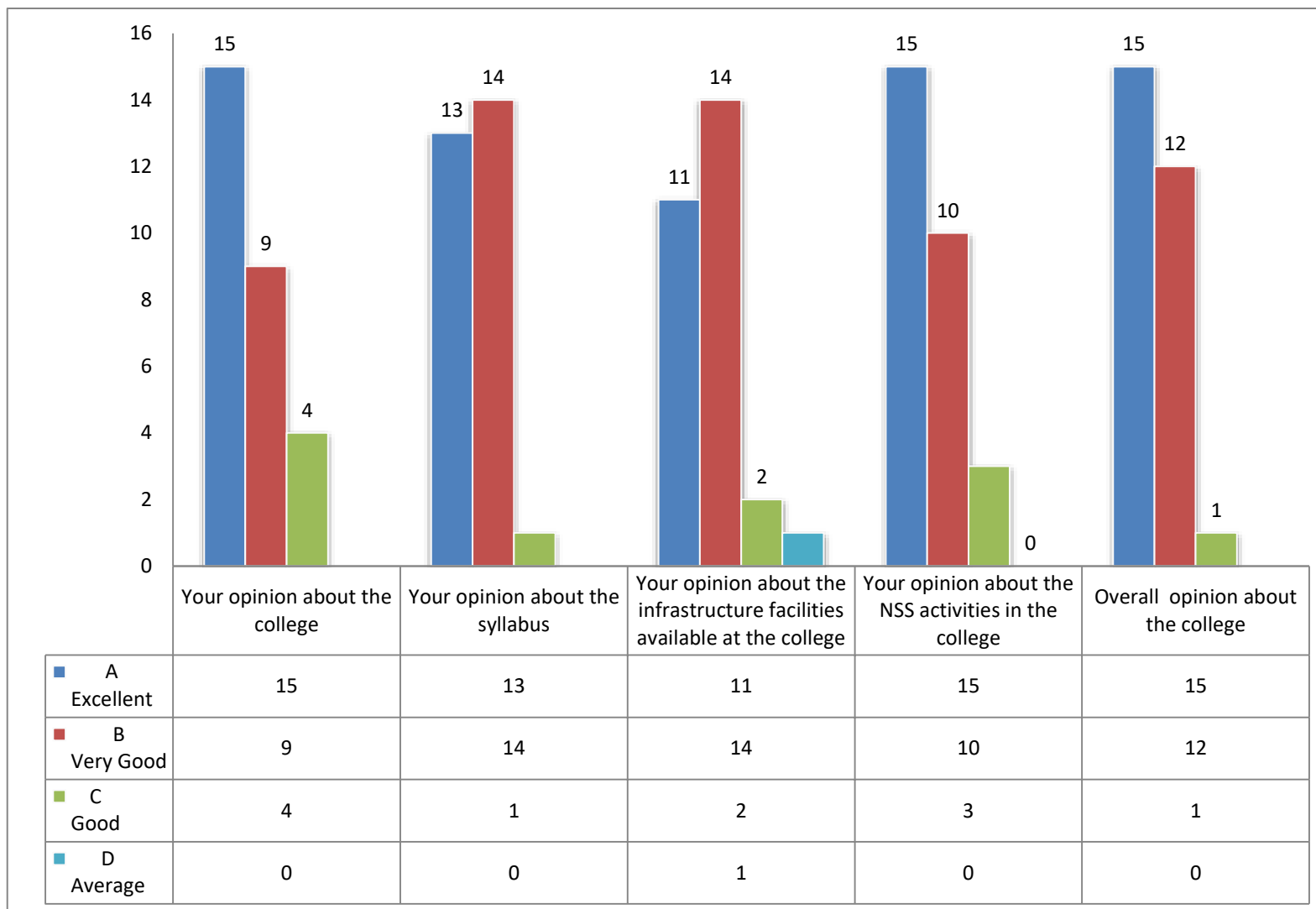


Analysis of Feedback on Curriculum by Alumni 2020-21

Samples 28

Q.No	Parameters	A Excellent	B Very Good	C Good	D Average
1.	Your opinion about the college	15	9	4	0
2	Your opinion about the syllabus	13	14	1	0
3	Your opinion about the infrastructure facilities available at the college	11	14	2	1
4	Your opinion about the NSS activities in the college	15	10	3	0
5	Overall opinion about the college	15	12	1	0

Analysis of Feedback on Curriculum by Alumni 2020-21





S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



Feedback on the Academic performance and ambience of the institution by the
Teacher

Department :

Academic year:

1.	Maintaining Hygiene & cleanliness of campus and provides Mineral water to all
2.	Career guidance cell provides free coaching on APPGCET and also for Competitive Exams
3.	Job oriented training programs conducted by JKC and APSSDC and Recruitments by Pharmaceutical Laboratories and MNCs.
4.	Admissions and allotment of seats are transparent in the Institution
5.	Institution providing Post graduation courses in Science and Commerce
6.	Important National and International days observed and celebrated in the Institution
7.	Institution promotes maintaining of Green campus and NSS organises Swach Bharath ones in every week
8.	Awareness Programmes conducted by Anti ragging cell
9.	Physical education department maintains Gymnasium and regularly organize various sports activities
10.	Women empowerment cell organizes various programmes
11.	Any Suggestions



S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



Feedback on the Academic performance and ambience of the institution by Alumni

Programme :

Subject :

Department :

Academic year :

Sl.No	Parameters of evaluation	Strongly Agree	Agree	Disagree	Strongly Disagree
1.	Processing of admissions and allotment of seats are transparent in the Institution	A	B	C	D
2.	Maintaining Hygiene & cleanliness of campus and provides Mineral water to all	A	B	C	D
3.	Institution facilitates all kinds of scholarships to eligible students & bus pass through APSRTC	A	B	C	D
4.	Institution providing Post graduation courses	A	B	C	D
5.	Institution promotes digital learning through JKC & APSSDC and facilitates Library .	A	B	C	D
6.	Certificate /Add –on courses provided by all departments .				
7.	Institution promotes maintaining of Green campus and Medicinal plants are also available in Botanical garden	A	B	C	D
8.	Career guidance cell provides free coaching on APPGCET and also for Competitive Exams				
9.	Institution facilitates Job drives by Pharmaceutical Laboratories and MNCs	A	B	C	D
10	Alumni association registered and regularly conduct meetings .	A	B	C	D
11	Physical education department maintains Gymnasium and regularly organize various sports activities	A	B	C	D
12	Important National and International days observed and celebrated in the Institution	A	B	C	D
13	Job oriented training programs conducted by JKC and APSSDC and Recruitments by Pharmaceutical Laboratories and MNCs.	A	B	C	D
14	Any Suggestions	A	B	C	D

Signature of HOD

Signature of Principal

**Feedback on the Academic performance and ambience of the institution by Students**

Programme:

Subject:

Department:

Academic year:

Sl.No	Parameters of evaluation	Strongly Agree	Agree	Disagree	Strongly Disagree
1.	Processing of admissions and allotment of seats are transparent in the Institution	A	B	C	D
2	Maintaining Hygiene and cleanliness of campus	A	B	C	D
3	Institution facilitates all kinds of scholarships to eligible students	A	B	C	D
4	Institution provides bus pass to students through APSRTC	A	B	C	D
5	My Lecturer is punctual to classroom	A	B	C	D
6	My lecturer conduct Bridge classes to newly joined students	A	B	C	D
7	Faculty members trained us to participate in Blended learning teaching methodology	A	B	C	D
8	Every lecturer completes syllabus before Examinations	A	B	C	D
9	My lecturer transparent in conducting of Internal examination ,Assessment and Evaluation	A	B	C	D
10	My lecturer identifies slow learners and conduct Remedial classes to them	A	B	C	D
11	Faculty members encourages us to participate in various Co-curricular activities	A	B	C	D
12	My lecturer regularly conduct Practical /Laboratory classes	A	B	C	D
13	Faculty give their guidance in completion of Curriculum based Study projects	A	B	C	D

14	Physical education department regularly organize various sports activities	A	B	C	D
15	Important National and International days observed and celebrated in the Institution	A	B	C	D
16	Job oriented training programs conducted by JKC and APSSDC	A	B	C	D
17	Overall ,I am happy to express my gratitude for all services facilitated by this Institution	A	B	C	D

Signature of HOD

Signature of Principal



S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



Internal Quality Assurance Cell of SGA Government degree college organized a meeting with faculty and resolved to collect the filled feedback forms from various stakeholders as students, teachers, alumni, and employer. Every department collected the feedback on curriculum from the students, teachers, alumni, employers. Internal quality Assurance Cell organized a meeting and analyzed the feedback form collected. All In-charge of the department submitted action taken reports on these feedback forms to IQAC. Principal of SGA Government degree college has considered suggestions given by students, teachers, alumni and has enhanced the quality of education by fulfilling the requirements of students regarding Infrastructure and study material etc .

Year	feedback	Action taken
2016-17	The IQAC collected filled Feedback form, analyze. Some of the students have suggested to conduct extra classes on communication skills.	According to the suggestions given by students Principal and IQAC assured to conduct courses on communication skills as Functional English and Spoken Hind .
2017-18	IQA analyzed the collected feedback form and student expressed their requirements in the feedback form as they need to improve their communication skills and Analytical skills .	Principal and IQAC with the support of JKC fulfilled the requirement of students by conducting classes on communication skills and Analytical skills.
2018-19	Feedback form collected and analyzed by IQAC. Students suggested to conduct classes on MS-Word. Alumni students gathered and committed to promote social service.	After considering the suggestions given by students Principal and IQAC conducted a meeting with faculty of Department of commerce an decided to conduct course on MS-WOR . Alumni started Gurajada Service Foundation and initiated various social service activitie .

2019-20	<p>All the departments submitted filled forms of feedback on curriculum by different stakeholders to IQAC.</p> <p>IQAC Conducted a meeting and analyzed these feedback forms Students expressed their interest to conduct classes in off-line mode at the time of semester end examination.</p>	<p>IQAC conducted a meeting with all the faculty and decided to conduct classes in the blended mode because of COVID pandemic Every faculty conducted online classes through GOOGLE MEET ZOOM, TEACHMINT etc. Study material provided to students through WhatsApp groups Three digital classrooms provided for on-line teaching.</p>
2020-21	<p>IQAC collected feedback forms from all the departments and analysed.</p> <p>Students expressed their interest to access library and requested to conduct classes for PGCET(without fee).</p>	<p>Principal and IQAC organized a meeting resolved to provide access to Library Every department conducted ADD On courses to all the students for their enrichment of knowledge toward the real life Some of the departments conducted free PGCET classes to students from their 6th semester.</p>

Commissionerate of Collegiate Education, A.P
Academic & Administrative Audit of Degree Colleges
Format for submission of Academic Advisors Report (AAR)
Zone : I
District : VISHAKAPATNAM

2017-18

COLLEGE PROFILE

1	Name of the College, URL of Website, email and Phone number	S.G.A.Govt.Degree,College,Yellamanchili,www.sgagdcylm.edu.in, sgagdc.jkc@gmail.com,		
2	Name of the Principal, email & Mobile Number	Dr.K.Malyadri, kallaguntamp@gmail.com, 8106288345		
3	Name of the Vice-Principal, email & Mobile Number	Sr.V.RajaSekhar, raja.sekhar2845@gmail.com, 9052093015		
4	Name of the IQAC Coordinator, email & Mobile Number	Sr.P.Kiran Kumar,9000251552,kiranchemistry1@gmail.com		
5	Year of Establishment & details of land available if any	1987 and Area 6.25 Acres		
6	Affiliating University & AISHE CODE:	Andhra University		
7	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	NAAC Grade A, with cycle 2 & March 2015 with CGPA 3.03		
8	UGC Recognition (2f & 12 B)	Recognised (2f & 12 B) 2007		
9	College Working Hours (if shift system mention details of both shifts & give reasons for shift system)	10AM to 4:30PM	30 Minutes Lunch Break	
10	No. of Posts Sanctioned:	Regular Working: 19	Contract Working: nil	Guest Working: 4
11	Course wise & year wise Students strength particulars (Enclosed		

I-CURRICULAR ASPECTS

Item	Impression of Academic Advisor along with grade A(Good)/B(Satisfactory)/C (poor) after Observation		Recommendation/ Suggestions by Academic Advisors
	Grade	Impression	
12	Implementation of Annual Institutional Plan	A	good
13	Departmental Annual Curricular Plans	A	good

35

14	Whether the above two circulated among Students?	A	good	
15	College Activity Register 2017-18	A	good	
16	College Calendar/ College Magazine	A	good	
17	Add-on Courses (Department-wise) completed during 2016-17	A	good	
18	Add-on Courses (Department-wise) in 2017-18	A	good	
19	Coverage of Syllabus (Average Percentage)	A	good	
20	Teaching of Value added courses (HVPE & Foundation)	A	good	
21	No. of New UG & PG Courses introduced in 2017-18	A	good	
22	Maintenance of Student Attendance Registers	A	good	
23	Whether feedback on curriculum was obtained from stake holders and analysed	B	satisfactory	

II-TEACHING, LEARNING & EVALUATION

24	Student admissions-Cur off marks and % of SC,ST, BC, minority and OC students admitted(Group wise) in 2017-18	A	good	
25	Social-economic status of students enrolled(Group wise and Year wise) in 2017-18	A	good	
26	Demand Ratio (Group wise)	A	good	
27	Percentage of differently abled students (Divyangjan) on roll	B	satisfactory	
28	Percentage of full time teachers against sanctioned posts in 2017-18	A	good	
29	Student - Full time teacher ratio	A	good	
30	Number of days from the date of last semester-end/ year- end examination till the declaration of results in 2017-18	A	good	
31	Teaching Diaries & Teaching Plans in Prescribed Formats	A	good	

32	Use of ICT in teaching and learning	A	good	
33	Average Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning	B	satisfactory	
34	Co-Curricular Activities (College level)	B	satisfactory	
35	Seminars/ conferences/ workshops organised in 2017-18	C	poor	
36	Academic Competitions (College Level & Above)	B	satisfactory	
37	Conduct of Internal Examinations-Internal assessment	B	satisfactory	
38	Teacher wise result analysis (MARCH/ APRIL -2017 & SEP/OCT/NOV - 2017)	B	satisfactory	
39	Pass percentage of students (Group wise) in 2017-18	A	good	
40	Percentage of students undertaking field projects / internships	C	poor	Students may be encourage in field projects
41	Remedial Classes	B	satisfactory	more remedial classes:
42	Conduct of Bridge course	A	good	
43	Feed back on Teachers by Students and its analysis	A	good	
44	Student satisfaction survey-Feed back on teaching and learning process by Students and its analysis	A	good	

III-RESEARCH, INNOVATIONS AND EXTENSION

45	Is the College a Recognized Research Centre	C	poor	
46	No. of Research Guides in the College	A	good	
47	No. of Research Scholars working for M.Phil & Ph. D	A	good	
48	Major/ Minor/ Other Research Projects	B	satisfactory	
49	Research Papers Published in 2017-18 (International/ National	B	satisfactory	
50	Papers Presented in 2017-18 (International/ National/ State)	A	good	
51	Books Published in 2017-18 (Single Author/ Co Author)	A	good	

52	Seminars/Workshops/ Training Programme Conducted in 2017-18 (International/ National/ State)	C	poor	National level seminars palnned
53	Record of Consultancy in 2017-18	B	satisfactory	
54	Whether the Institution has created an ecosystem for innovation including incubation centre and other initiatives for	C	poor	
55	Whether the institution conducted workshop/seminars on Intellectual Property Rights (IPR), Industry-Academia	C	poor	
56	Record of MoUs in 2017-18	A	good	
57	Record of Subject/Department Related Extension Activities	A	good	
58	Number of extension programmes conducted in the neighbourhood community to sensitize the students	A	good	
59	Number of extension programmes conducted in collaboration with Community/NGOs through NSS/NCC/Red Cross/YRC	A	good	
60	Details of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, ODF, Aids Awareness.	A	good	
61	Number of awards and recognition received for extension activities from Government/ recognised bodies	C	poor	

IV-INFRASTRUCTURE AND LEARNING RESOURCES

62	Number of Class rooms, Labs and computing equipment	A	good	
63	Facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.) and cultural activities	B		
64	classrooms and seminar halls with ICT - enabled facilities such as smart class, Virtual Class Room, LMS, etc.	A	good	
65	Budget allocated for infrastructure augmentation	C	poor	

66	Library is automated using Integrated Library Management System	B	satisfactory	complete automation
67	Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment	B	satisfactory	
68	Does college has e-Journals, e-books, e-ShodhSindhu, Shodhganga membership and Databases	C	poor	
69	Expenditure for purchase of books and journals in 2017-18	B	satisfactory	
70	Percentage per day usage of library by teachers and students	C	poor	
71	Student-Computer ratio	A	good	
72	Wifi in the campus	A	good	
73	Updation of IT facilities	B	satisfactory	
74	Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component	B	satisfactory	
75	Established systems and procedures for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc	B	satisfactory	

V-STUDENT SUPPORT AND PROGRESSION



76	Average percentage of students benefited by scholarships by the Government in 2017-18	A	good	
77	Average percentage of students benefited by scholarships by the Institution in 2017-18	B	satisfactory	
78	Average percentage of students benefited by guidance for competitive examinations and career counseling offered by the	B	satisfactory	
79	Average percentage of placement of outgoing students in 2017-18	B	satisfactory	

80	Student grievances redressal mechanism	A	good	
81	Number of capability enhancement and development schemes conducted (like Career guidance, Remedial coaching etc.,)	A	good	
82	Percentage of student progression to higher education	B	satisfactory	
83	Average percentage of students qualifying in state/ national/ international examinations(like NET, SLET, GATE, Civil	C	Poor	
84	Number of awards/ medals for outstanding performance in sports/ cultural activities	B	satisfactory	
85	Presence of an active Student Council & representation of students on academic & administrative bodies/ committees of the institution	A	good	
86	Records of significant achievements in Sports & Games	B	satisfactory	
87	Number of sports and cultural activities / competitions organised in the Institution in 2017-18	B	satisfactory	
88	Alumni contribution in 2017-18 (In Rs)	B	satisfactory	
89	Number of Alumni Association /Chapters meetings held in 2017-18	B	satisfactory	
90	Maintenance of JKC facilities & records	B	satisfactory	
91	Record of Student trained and placed in JKC	B	satisfactory	
92	Record of Anti Ragging cell	A	good	
93	Maintenance of drinking water	A	good	
94	Maintenance of sanitation	A	good	
VI-GOVERNANCE AND LEADERSHIP				
97	Staff Council Register	A	good	

98	Functioning of Committees in Administration (Minutes of	A	good	
99*	Awards/ Achievements	B	satisfactory	
100	Use of ICT in Governance	B	satisfactory	
101	Perspective/Strategic plan and deployment documents	A	good	
102	Organizational structure of the Institution	A	good	
103	Implementation of e-governance in Planning and Development, Administration, Finance and Accounts, Student	B	satisfactory	
104	Percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies in 2017-18	C	poor	
105	Number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff in 2017-18	C	poor	
106	Percentage of teachers attended professional development programs(Orientation Program, Refresher Course, Short Term Course etc.) in 2017-18	A	good	
107	Orientation Program, Refresher Course, Short Term Courses attended by the faculty	A	good	
108	Funds / Grants received from non-government bodies, individuals, philanthropers in 2017-18	A	good	
109	Average number of quality initiatives by IQAC for promoting quality culture per year	B	satisfactory	
110	Participation in NIRF-2017	A	good	
111	IQAC activities & maintenance of records , (Action Plan/ Minutes of Meeting/Proof of submission of AQAR to	A	good	

VII-INSTITUTIONAL VALUES AND BEST PRACTICES

112	Percentage of power requirement of the Institution met by the renewable energy sources	A	good	
113	Waste Management steps taken	B	satisfactory	
114	Rain water harvesting structures and utilization in the campus	B	satisfactory	
115	Facilities for Differently abled (Divyangjan) (ramp, scribe for examination etc.)	B	satisfactory	
116	Green Practices(plastic free campus, green landscaping etc.)	B	satisfactory	
117	Record of best/innovative practices by the institution	A	good	
118	College Activity Register 2017-18 & Hard Copy of AQAR 2016-17	A	good	
119	The number of classes(per week) taken by the Principal	A	good	
120	Research projects/ Publications/ study material developed in 2017-18 by the Institution	B		
College Grading - A				
Signature of the Vice-Principal			Signatures of Academic Advisors	
Signature of the Principal		1		
Note: the Format is to be filled by the Principal and submitted to the Academic Audit Team.		2		

Signature of the Vice-Principal 	
Signature of the Principal  14-3-14	Signatures of Academic Advisors 1 
Principal No. of the Form is to be filed by the Principal and submitted to the Academic Audit Team. YFL/AMANCHII / 531055	2 

Government of Andhra Pradesh
Commissionerate of Collegiate Education
Academic & Administrative Audit of Degree Colleges (2018-19)
Format - III for submission of Academic Advisors Report (AAR)

Zone : I

District : Visakhapatnam

COLLEGE PROFILE			
1	Name of the College, URL of Website, email and Phone number	S.G.A. Govt. Degree College, Yellamanchili, sgagdc.jkc@gmail.com, 08931-232408 www.sgagdc.edu.in,	
2	Name of the Principal, email & Mobile Number	Dr.K.Malyadri, kallaguntamp@gmail.com, 8106288345	
3	Name of the Vice-Principal, email & Mobile Number	Sri.V.RajaSekhar, raja.sekhar2845@gmail.com, 9052093015	
4	Name of the IQAC Coordinator, email & Mobile Number	Sri.P.Kiran Kumar, 9000251552, kiranchemistry1@gmail.com	
5	Year of Establishment & details of land available if any	1987 and Area 6.25 Acres	
6	Affiliating University & AISHE CODE:	Andhra University-C-24440	
7	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	NAAC Grade A , with cycle 2 & March 2015 with CGPA 3.03	
8	UGC Recognition (2f & 12 B)	Recognised (2f & 12 B) 2007	
9	College Working Hours(if shift system mention details of both shifts & give reasons for shift system)	10AM to 4:30PM	30 Minutes Lunch Break

10	No. of Posts Sanctioned:	Regular Working Redeployed PTL Contract Guest	19 NIL 03	NIL 01	
11	Course wise & year wise Students strength particulars (Proforma enclosed)	Enclosed			
12	Current Year Admissions Abstract	Enclosed			
13	List of Programmes and Courses with Codes				

I-CURRICULAR ASPECTS

	Item	Impression of Academic Advisor along with grade		Recommendation/Suggestions by Academic Advisors
		Grade	Impression	
14	Implementation of Annual Institutional Plan	A	good	
15	Departmental Annual Curricular Plans	A	good	
16	Whether the above two circulated among Students?	A	good	
17	College Activity Register 2018-19	A	good	
18	College Calendar/College Magazine	A	good	
19	Add-on Courses (Department-wise) completed during 2017-18	B	SATISFACTORY	
20	Add-on Courses (Department-wise) in 2018-19	B	SATISFACTORY	More needed

21	Coverage of Syllabus (Average Percentage)	A		
22	Teaching of Value added courses (HVPE & Foundation Courses)	A		
23	No. of New UG & PG Courses introduced in 2018-19	C	Poor	More courses has to be introduced
24	Maintenance of Student Attendance Registers	B	SATISFACTORY	
25	Whether feedback on curriculum was obtained from stake holders and analysed	A	good	

II-TEACHING, LEARNING & EVALUATION

26	Student admissions-Cut off marks and % of SC,ST, BC, minority and OC students admitted(Group wise) in 2018-19	A	good	
27	Social-economic status of students enroled(Group wise and Year wise) in 2018-19	A	good	
28	Demand Ratio (Group wise)	A	good	
29	Percentage of differently abled students (Divyangjan) on roll	C	POOR	Give Chames to PHC Students
30	Percentage of full time teachers against sanctioned posts in 2018-19	B	GOOD	
31	Student - Full time teacher ratio	B	GOOD	
32	Number of days from the date of last semester-end/ year- end examination till the declaration of results in 2018-19	B	GOOD	
33	Teaching Diaries & Teaching Plans in Prescribed Formats	A	EXCELLENT	
34	Use of ICT in teaching and learning	B	GOOD	more ICT tools should be used

35	Average percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.	B	good	more participation needed
36	Co-Curricular Activities (College level)	A		
37	Seminars/conferences/workshops organised in 2018-19	C	poor	recommended for more programs orginazation,
38	Academic Competitions (College Level & Above)	B	good	needed to be organized at differnt level.
39	Conduct of Internal Examinations-Internal assessment	A	excellent	
40	Teacher wise result analysis (MARCH/APRIL -2018 & SEP/OCT/NOV- 2018)	A	excellent	
41	Pass percentage of students (Group wise) in 2018-19	A	excellent	
42	Percentage of students undertaking field projects / internships	B	good	more project internships to be conducted
43	Remedial Classes	B	good	
44	Conduct of Bridge course	A	good	
45	Feed back on Teachers by Students and its analysis	B	good	
46	Student satisfaction survey-Feed back on teaching and learning process by Students and its analysis	A	good	

III-RESEARCH, INNOVATIONS AND EXTENSION

47	Is the College a Recognized Research Centre	C	poor	has to be established
48	No. of Research Guides in the College	C	Poor	has to be established
49	No. of Research Scholars working for M.Phil & Ph. D	C	Poor	has to be established

50	Major/Minor/Other Research Projects	B	good	more projects needed
51	Research Papers Published in 2018-19 (International/ National)	A	excellent	
52	Papers Presented in 2018-19 (International/ National/ State)	A	excellent	
53	Books Published in 2018-19 (Single Author/ Co Author)	B	good	recommended for more programs publications.
54	Seminars/Workshops/ Training Programme Conducted in 2018-19 (International/ National/ State)	C	Poor	strongly recommended for orginazation.
55	Record of Consultancy in 2018-19	C	Poor	has to be maintained
56	Whether the Institution has created an ecosystem for innovation including incubation centre and other initiatives for transfer of knowledge	C	Poor	has to be established
57	Whether the institution conducted workshop/seminars on Intellectual Property Rights (IPR), Industry-Academia Innovative practices	C	Poor	strongly recommended to conduct these programs.
58	Record of MoUs in 2018-19	C	Poor	MoUs has to be established
59	Record of Subject/Department Related Extension Activities	B	good	more accuracy needed
60	Number of extension programmes conducted in the neighbourhood community to sensitize the students	B	good	more extension programs recommended
61	Number of extension programmes conducted in colloboration with Community/NGOs through NSS/NCC/Red Cross/YRC etc.,	A	excellent	more participation recommended

62	Details of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, ODF, Aids Awareness, Gender Issue, etc	B	good	more participation recommended
63	Number of awards and recognition received for extension activities from Government/ recognised bodies	A	excellent	
IV-INFRASTRUCTURE AND LEARNING RESOURCES				
64	Number of Class rooms, Labs and computing equipment	A	excellent	
65	Facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.) and cultural activities	B	good	indoor/outdoor facilities has to be improved
66	classrooms and seminar halls with ICT - enabled facilities such as smart class, Virtual Class Room, LMS, etc.	A	excellent	
67	Budget allocated for infrastructure augmentation	B	good	more budget needed
68	Library is automated using Integrated Library Management System	C	Poor	Library post recommended
69	Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment	B	good	
70	Does college has e-Journals, e-books, e-ShodhSindhu, Shodhganga membership and Databases	B	good	books,magzines & Journals also recommended
71	Expenditure for purchase of books and journals in 2017-18	A	excellent	

72	Percentage per day usage of library by teachers and students	A	excellent	
73	Student-Computer ratio	A	excellent	
74	Wifi in the campus	A	excellent	
75	Updation of IT facilities	B	good	
76	Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component	A	excellent	
77	Established systems and procedures for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc	A	excellent	

V-STUDENT SUPPORT AND PROGRESSION

78	Average percentage of students benefited by scholarships by the Government in 2017-18	A	excellent	
79	Average percentage of students benefited by scholarships by the Institution in 2017-18	C	poor	merits scholar ships has to be offered to merit students
80	Average percentage of students benefited by guidance for competitive examinations and career counseling offered by the institution in 2017-18	B	good	
81	Average percentage of placement of outgoing students in 2017-18	B	good	
82	Student grievances redressal mechanism	A	excellent	
83	Number of capability enhancement and development schemes conducted (like Career guidance, Remedial coaching etc.,)	A	good	

84	Percentage of student progression to higher education	B	good	more students should be in further studies/employment
85	Average percentage of students qualifying in state/ national/ international examinations(like NET, SLET, GATE, Civil services, state government etc.,)	B	good	
86	Number of awards/medals for outstanding performance in sports/cultural activities	A	excellent	It was a great honour to the college has P.Tulasi recieved 5 Lakhs Cash Price and Satyarao recieved 10 lakhs from Hon'le AP CM
87	Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution	A	excellent	
88	Records of significant achievements in Sports & Games	A	excellent	
89	Number of sports and cultural activities / competitions organised in the Institution in 2017-18	A	excellent	
90	Alumni contribution in 2017-18 (In Rs)	C	poor	strongly recommended alumni contribution
91	Number of Alumni Association /Chapters meetings held in 2017-18	B	good	
92	Maintenance of JKC facilities & records	A	excellent	
93	Record of Student trained and placed in JKC	A	good	
94	Record of Anti Ragging cell	A	good	
95	Maintenance of drinking water	A	excellent	
96	Maintenance of sanitation	A	excellent	
VI-GOVERNANCE AND LEADERSHIP				
97	Staff Council Register	A	excellent	

98	Functioning of Committees in Administration (Minutes of meetings)	A	excellent	
99	Awards/ Achievements	B	good	
100	Use of ICT in Governance	A	excellent	
101	Perspective/Strategic plan and deployment documents	B	good	
102	Organizational structure of the Institution	A	excellent	
103	Implementation of e-governance in Planning and Development, Administration, Finance and Accounts, Student Admission and Support, Examination	A	excellent	
104	Percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies in 2017-18	B	good	mobilize financial assistance
105	Number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff in 2017-18	C	poor	
106	Percentage of teachers attended professional development programs(Orientation Program, Refresher Course, Short Term Course etc.) in 2017-18	A	excellent	
107	Orientation Program, Refresher Course, Short Term Courses attended by the faculty	A	excellent	
108	Funds / Grants received from non-government bodies, individuals, philanthropers in 2017-18	C	Poor	more funds has to be raised


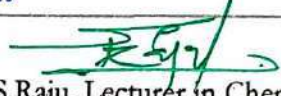


109	Average number of quality initiatives by IQAC for promoting quality culture per year	A	excellent	
110	Participation in NIRF-2017	B	good	Rank has to be Improved
111	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc)	A	excellent	

VII-INSTITUTIONAL VALUES AND BEST PRACTICES

112	Percentage of power requirement of the Institution met by the renewable energy sources	A	excellent	more solar panels required
113	Waste Management steps taken	A	excellent	
114	Rain water harvesting structures and utilization in the campus	A	excellent	
115	Facilities for Differently abled (Divyangjan) (ramp, scribe for examination etc.,)	B	good	
116	Green Practices(plastic free campus, green landscaping etc.,)	A	excellent	
117	Record of best/innovative practices by the institution	A	excellent	
118	College Activity Register 2017-18 & Hard Copy of AQAR 2016-17 (should be available with the Principal & placed in Website	B	good	

119	The number of classes(per week) taken by the Principal	A	excellent	
120	Research projects/Publications/ study material developed in 2017-18 by the College	A	excellent	more publicaions recommended

College Grading - "A"

Name & Signature of the Principal with date Dr.K.Malyadri  26.2.19 Dr. K. MALYADRI PRINCIPAL SGA GOVT. DEGREE COLLEGE Yellamanchili, Visakhapatnam Dt. (A.P)-531055		Signatures of Academic Advisors1.  1. Dr.S.Raju, Lecturer in Chemistry, Govt Degree College, Chodavaram.
Name & Signature of the Vice-Principal with date  26/2/19		 26/2/19 2. Sri. Vijay Pratap, Lecturer in Zoology, Dr.V.S.Krishna GDC, Visakapatnam.
Note: the Format is to be filled by the Principal and submitted to the Academic Audit Team.		

Government of Andhra Pradesh
Commissionerate of Collegiate Education
Academic & Administrative Audit of Degree Colleges (2018-19)
Format - II (To be Filled by Faculty and handed over to Academic Advisor)

Zone:

District: Vizal Cepatnam

Name of the College and Address		<u>S. G. A. Grant Degree College Yelamanchili</u>						
Name of the Lecturer		<u>G. Girish Kumar</u>						
Name of the Subject		<u>History</u>						
Date of Joining in Degree College/Date of Joining in the present Institution		<u>24.12.2011</u> <u>8.9.2015</u>				Date of Retirement:		<u>31.12.2037</u>
S.No	Key Indicator	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
Curricular Aspects								
1	Curricular planning and Implementation (for Autonomous Colleges - Efforts for Curriculum Design and Development to be considered)	1. Semester Wise curriculum plan/ Course Objectives & Outcomes	5 for Autonomous 10 for Non Autonomous	5 OR 10	20	A x 3	60	A
		2. Teaching Diary	5 for Autonomous 10 for Non Autonomous	5 OR 10				
		3. Active Participation in BOS	Only for Autonomous Colleges	10				
2	Curriculum enrichment	1. Additional inputs		20	30	A	60	B
		2. Certificate/Diploma/Value added courses /MOOCs Certificate		10				
		Feedback on Curriculum by Students		10				

	Feedback system	Other stakeholders like Parents/Alumni/Industry /Cross National Faculty)		10	20	C	10	C
4	Student Profile	Collection and Maintenance of Student profiles(10 Points)		10	10	A	30	A
5	Catering to Student Diversity	1. Analysis of Students- grouping of students into Slow, Moderate and Advanced learners		10	30	A	30	B
		2. Remedial coaching		10		A	30	B
		3. Assignments-Critical, Innovative, text book and Internet based		10		A	30	B
6	Teaching/Learning Process	1. Teaching notes 2. Use of ICT in teaching and learning 3. Computer/Internet assisted learning 4. Student seminars 5. Conduct of Quiz/ Group discussion 6. Field trips 7. Student Study projects 8. Use of LMS 9. Involvement in development of LMS in the concerned subject 10. RBPTs(Research based pedagogical Tools)	* Maximum grade of 3 could be given to those faculty who have done more than 5 parameters and thereafter.	50	50	A	150	B

7	Teacher Profile and Quality	1. Organization of Seminars/conferences/workshops 2. Participation in Seminars/conferences/workshops 3. Innovations in teaching and learning 4. Awards and recognition 5. Participation in Short term courses/ Restructuring of courses 6. E- Content Development /MOOCs	* Maximum grade of 3 could be given to those faculty who have done more than 4 parameters and thereafter.	40	40	B	80	B
8	Evaluation Process and Reforms	1. Formative and Summative Evaluation (Pickers, Kahoot etc.) 2. Use of ICT like MOODLE, EDMODO and LMS in evaluation 3. Marks Register & Result Analysis	* Examination Reforms and Innovations taken up at Individual level w.r.t the Internal evaluation	10 10 10	30	Ax3	90	B
9	Student Performance and Learning Outcomes	1. Programme Outcomes 2. Attainment of Programme Outcomes 3. Average pass percentage of Students		10 10 10	30	B C A	20 10 30	B

	Student Satisfaction Survey	Student feedback on the quality of Teaching Learning process adopted by the teachers	*Efforts of the faculty to take up the feedback. IQAC Coordinator should take the feedback and the record must be kept ready for verification	20	20	A	60	A
11	Resource Mobilization for Research	1. Minor Research Project 2. Major Research Projects 3. Consultancy Projects	For Current Year only (Either Ongoing OR Completed)	5 10 5	20	—	—	C
12	Research Publications and Awards	1. Publications in Journals/ Author of Books/ Author of Book Chapters 2. Research Guideship/ Awards in recognition of research work 3. Registrations in Vidwan/	* A maximum of 3 publications in Scopus/Web of Science/ICI or UGC approved journals	10 5 5	20	—	—	C
13	Extension Activities	Involvement in activities related to community service	* A maximum of 3 Programmes resulting in Community Service like ODF/Swachh Bharat/UBA etc	20	20	B	40	B
14	MoUs /Collaborations	Collaboration with University/ Industry/NGO/ Any other Agency		20	20	—	—	C
15	Physical facilities	Infrastructural facilities in the Department/Colleges	Utilization of the facilities in the College/Department to be evaluated. Not on the availability of the facilities. Register should be maintained.	20	20	B	40	B

16	Student Support	1. Counseling of students as Mentor/ Class teacher 2. Remedial coaching 3. Bridge course for 1st year students 4. Any other Study Material / Guidance 5. Freeships or Scholarships 6. Parent Teacher Meetings	* Participation and efforts made atleast for 3 of the parameters can be graded as 3.	30	30	A	90	B
17	Student Progression	Efforts of the individual faculty member for furthering the students to take up employment or higher studies		20	20	B	40	B
18	Student Participation and activities	Encouraging students participation in social, cultural and leisure activities		20	20	B	40	B
19	Participation in Institutional Governance and Leadership	Participation in Institutional Governance and Leadership as member of different committees and cells		30	30	Ax3	90	A
20	Best Practices	List of the Individual faculty members Best practices followed with details		20	20	Ax2	40	B
			Total Grade points		500		1085	


Name & Signature of the Faculty with date


Name & Signature of the Principal with date


Name & Signature of the Academic adviser with date

Government of Andhra Pradesh
Commissionerate of Collegiate Education
Academic & Administrative Audit of Degree Colleges (2018-19)
Format - II (To be Filled by Faculty and handed over to Academic Advisor)

Zone: I

District: VISAKHAPATNAM

Name of the College and Address		<u>SGA Govt Degree College. YELAMANCHILI</u>						
Name of the Lecturer		<u>SHAIK MOHAMMED RAFI UDDIN</u>						
Name of the Subject		<u>PHYSICS</u>						
Date of Joining in Degree College/Date of Joining in the present Institution		<u>23/09/2004</u> <u>04/09/2015</u>				Date of Retirement:		<u>31/7/22</u>
S.No	Key Indicator	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
Curricular Aspects								
1	Curricular planning and Implementation (for Autonomous Colleges - Efforts for Curriculum Design and Development to be considered)	1.Semester Wise curriculum plan/ Course Objectives & Outcomes	5 for Autonomous 10 for Non Autonomous	5 OR 10	20	A	60	A
		2. Teaching Diary	5 for Autonomous 10 for Non Autonomous	5 OR 10				
		3. Active Participation in BOS	Only for Autonomous Colleges	10				
2	Curriculum enrichment	1. Additional inputs		20	30	B	60	A
		2. Certificate/Diploma/Value added courses /MOOCs Certificate		10				
		Feedback on Curriculum by Students		10				

Feedback system		Other stakeholders like Parents/Alumni/Industry /Cross National Faculty)		10	20	A	60	A
4	Student Profile	Collection and Maintenance of Student profiles(10 Points)		10	10	A	30	A
5	Catering to Student Diversity	1. Analysis of Students- grouping of students into Slow, Moderate and Advanced learners		10	30	A	30	A
		2. Remedial coaching		10		A	30	A
		3. Assignments-Critical, Innovative, text book and Internet based		10		A	30	A
6	Teaching-Learning Process	1. Teaching notes 2. Use of ICT in teaching and learning 3. Computer/Internet assisted learning 4. Student seminars 5. Conduct of Quiz/ Group discussion 6. Field trips 7. Student Study projects 8. Use of LMS 9. Involvement in development of LMS in the concerned subject 10. RBPTs(Research based pedagogical Tools)	* Maximum grade of 3 could be given to those faculty who have done more than 5 parameters and thereafter.	50	50	A	150	A

7	Teacher Profile and Quality	1. Organization of Seminars/conferences/workshops 2. Participation in Seminars/conferences/workshops 3. Innovations in teaching and learning 4. Awards and recognition 5. Participation in Short term courses/ Restructuring of courses 6. E- Content Development /MOOCs	* Maximum grade of 3 could be given to those faculty who have done more than 4 parameters and thereafter.	40	40	B	80	B.
8	Evaluation Process and Reforms	1. Formative and Summative Evaluation (Plickers, Kahoot etc.)	* Examination Reforms and Innovations taken up at Individual level w.r.t the Internal evaluation	10	30	D	0	D
		2. Use of ICT like MOODLE, EDMODO and LMS in evaluation		10		C	10	C
		3. Marks Register & Result Analysis		10		A	30	A
9	Student Performance and Learning Outcomes	1. Programme Outcomes		10	30	A	90	A.
		2. Attainment of Programme Outcomes		10				
		3. Average pass percentage of Students		10				

	Student Satisfaction Survey	Student feedback on the quality of Teaching Learning process adopted by the teachers	*Efforts of the faculty to take up the feedback. IQAC Coordinator should take the feedback and the record must be kept ready for verification	20	20	A	60	A
11	Resource Mobilization for Research	1. Minor Research Project 2. Major Research Projects 3. Consultancy Projects	For Current Year only (Either Ongoing OR Completed)	5 10 5	20	D	0	D
12	Research Publications and Awards	1. Publications in Journals/ Author of Books/ Author of Book Chapters 2. Research Guideship/Awards in recognition of research work 3. Registrations in Vidwan	* A maximum of 3 publications in Scopus/Web of Science/ICI or UGC approved journals	10 5 5	20	C	5	D
13	Extension Activities	Involvement in activities related to community service	* A maximum of 3 Programmes resulting in Community Service like ODF/Swath Bharat/UBA etc	20	20	B	40	B
14	MoUs /Collaborations	Collaboration with University/ Industry/NGO/ Any other Agency		20	20	D	0	D
15	Physical facilities	Infrastructural facilities in the Department/Colleges	Utilization of the facilities in the College/Department to be evaluated. Not on the availability of the facilities. Register should be maintained.	20	20	A	60	A

16	Student Support	1. Counseling of students as Mentor/ Class teacher 2. Remedial coaching 3. Bridge course for 1st year students 4. Any other Study Material / Guidance 5. Freeships or Scholarships 6. Parent Teacher Meetings	* Participation and efforts made atleast for 3 of the parameters can be graded as 3.	30	30	A	90	A
17	Student Progression	Efforts of the individual faculty member for furthering the students to take up employment or higher studies		20	20	A	60	A
18	Student Participation and activities	Encouraging students participation in social, cultural and leisure activities		20	20	A	60	A
19	Participation in Institutional Governance and Leadership	Participation in Institutional Governance and Leadership as member of different committees and cells		30	30	A	90	A
20	Best Practices	List of the Individual faculty members Best practices followed with details		20	20	A	60	A
			Total Grade points		500		1185	

S.M. RAFI UDDIN
S.M. Rafi Uddin
25.2.19
Name & Signature of the Faculty with date


Name & Signature of the Principal with date


Name & Signature of the Academic adviser with date

S.G.A. GOVERNMENT DEGREE COLLEGE, YELLAMANCHILI
VISAKHAPATNAM (DIST.), ANDHRA PRADESH – 531055, INDIA.

Affiliated to ANDHRA UNIVERSITY, VISAKHAPATNAM.

Programme outcomes

Faculty: Science

Students graduating with a **Bachelor of Science (BSc)** should be able to

- PO1. Acquire the knowledge in different subjects such as Mathematics, Physics, Chemistry, Botany, Zoology, Computer Science etc.,
- PO2. Handle scientific equipment and acquire the skills to analyse the experimental results.
- PO3. Imbibe the human values, professional ethics, and social values that will make him a citizen with social consciousness.
- PO4. Demonstrate the communication skills, soft skills and professional skills.
- PO5. Get exposure to social issues and social evils by participating in various community Development activities.
- PO6. Inculcate the scientific temperament.

Programme specific outcomes

Students graduating with **BSc (M.P.C)** should be able to

- PSO1. Demonstrate proficiency in mathematics and the mathematical concepts needed for a proper understanding of Physics and Chemistry.
- PSO2. Demonstrate knowledge in key concepts and important theories and principles in the three core subjects (Mathematics, Physics and Chemistry) and can apply this knowledge to analyse a variety of physical and chemical phenomena.
- PSO3. Use the knowledge gained to do measurements using the instruments and apparatus and can analyse the measurements to draw valid conclusions.
- PSO4. Can compete in entrance examinations to enter in to PG courses and in competitive examinations to get employment.

Students graduating with **BSc (B.Z.C)** should be able to

- PSO1. Demonstrate knowledge in key concepts and important theories and principles in the three core subjects (Botany, Zoology and Chemistry) and can apply this knowledge to analyse a variety of phenomena.
- PSO2. Understand the process of evaluation, basic concepts of cell biology, Biotechnology, microbiology, developmental biology of plants, diversity of plants, applications of microorganisms etc.,
- PSO3. Compete in entrance examinations to enter into PG courses and in competitive examinations to get good employment.
- PSO4. Appreciate the interdisciplinary nature of chemistry and applications of principles of chemistry in biology.

Students graduating with **BSc (M.P.Cs)** should be able to

PSO1. Compete in entrance examinations to enter into PG courses and in competitive examinations to get good employment.

PSO2. Demonstrate proficiency in mathematics and can apply the knowledge gained in mathematical concepts in Computer science

PSO3. Gain knowledge in multiple programming languages like C, Java etc.

Pso4. Demonstrate knowledge gained about Systems fundamentals, including architectures and organization, operating systems, networking and communication, parallel and distributed computation, and security.

DEPARTMENT OF CHEMISTRY

Course Outcomes - B.Sc. Chemistry

Course-I

After completion of these courses students should be able to;

CO1. Write down the synthesis and properties of Diborane, silicones, hydrazine and hydroxylamine.

CO2. Demonstrate knowledge gained in the preparation, classification and properties of organometallic compounds.

CO3. Describe different types of organic reagents, inductive effect and its applications

CO4. Describe the classification of organic reactions.

CO5. Write down the methods of synthesis and properties of alkenes

CO6. Write down the methods of synthesis and properties of alkynes

CO7. Describe the concepts of resonance, aromaticity, general mechanism of electrophilic substitution reaction, ring activating and deactivating groups.

CO8. Carry out the analysis of simple salt containing one anion and cation.

Course-2

After completion of these courses students should be able to;

CO1. Describe the knowledge gained in the key concepts of solid state chemistry.

CO2. Write down the critical phenomena and relationship between critical constants and van waals constants.

CO3. Understand differences between liquid crystal and solid/liquid, classification of Liquid crystals and applications of Liquid crystals.

CO4. Write down the Henry's law, Raoult's law, Azeotropes, Nernst distribution law and its applications.

CO5. Understand the definition, preparation, properties and applications of colloids

CO6. Describe the concepts of adsorption, types and theories of adsorption.

CO6. Describe the concepts of Valence bond theory, hybridization and Molecular orbital theory.

CO7. Gain knowledge about the key aspects in stereochemistry

CO8. Carry out the analysis of mixture salt containing two anions and two cations.

Course-3

After completion of these courses students should be able to;

- CO1. Describe the characteristics of d-block elements, magnetic properties and catalytic properties of d-block elements and their ability to form complexes.
- CO2. Write down the theories of bonding in metals.
- CO3. Understand EAN rule, classification of metal carbonyls, structures and shapes of metal carbonyls.
- CO4. Describe the electronic structure and oxidation states of Lanthanides, lanthanide contraction, electronic structure and oxidation states of actinides.
- CO5. Understand Nomenclature and classification of alkyl (into primary, secondary, tertiary), aryl, aryl alkyl, allyl, vinyl, benzyl halides and Nucleophilic aliphatic substitution reactions.
- CO6. Describe the knowledge gained on nomenclature and classification of hydroxy compounds, Physical properties, Chemical properties and identification of alcohols.
- CO7. Write down the Nucleophilic addition reactions, oxidations and analysis of aldehydes and ketones.
- CO8. Describe the nomenclature, classification, physical properties and chemical properties of Carboxylic acids.
- CO9. Carry out the analysis of Fe (II) and Cu (II) using titrimetry and reactions of the functional groups present in organic compounds.

Course-4

After completion of these courses students should be able to;

- CO1. Describe the Beer-Lambert's law and its limitations and applications.
- CO2. Understand the basic concepts of electronic spectroscopy.
- CO3. Write down the basic concepts of Infrared spectroscopy and NMR spectroscopy.
- CO4. Understand the basic concepts and importance of colligative properties and abnormal Colligative properties.
- CO5. Differentiate between specific conductance and equivalent conductance
- CO6. Understand the concepts of Kohlrausch's law, Debye-Huckel-Onsagar's equation for strong electrolytes, transport number and its determination and conductometric titrations.
- CO7. Write down about single electrode potential, Reversible and irreversible cells, Nernst Equation, determination of EMF of cell and Potentiometric titrations.
- CO8. Describe the basic concepts in Phase rule and its application to different systems.
- CO9. Carry out the Conductometric titrations and determine the Critical solution temperature (CST) of Water-Phenol system

Course-5

After completion of these courses students should be able to;

- CO1. Describe bonding theories, IUPAC nomenclature and Isomerism of coordination compounds.
- CO2. Write down the stability, magnetic properties and methods to determine the composition of complex compounds.
- CO3. Describe the nomenclature, preparation and reactivity of complex compounds.
- CO4. Gain knowledge about the nomenclature, preparation reactions of amines.

CO5. Understand the laws of thermodynamics, concepts of entropy, enthalpy and internal energy, Kirchoff's equation and carnot cycle.

CO6. Carry out the Analysis of an organic compound through systematic qualitative procedure.

Course-6

After completion of these courses students should be able to;

CO1. Describe the concepts in Chemical kinetics and photochemistry.

CO2. Write down the aromatic character and substitution reactions in Furan, Thiophene, Pyrrole and Pyridine.

CO3. Write down the cyclic structure of Glucose and Fructose and interconversions in monosaccharides.

CO4. Gain knowledge about the classification, preparation and properties of amino acids and structure of proteins.

CO5. Describe the Theories of Trans effect and its applications

CO6. Determine the viscosity and surface tension of an organic liquid and analyse the results

CO7. Determine the rate constant for acid catalysed ester hydrolysis reaction.

Course-7

After completion of these courses students should be able to;

CO1. Describe the basic concepts of Chromatography and principles of Chromatography

CO2. Write down the theory and applications of different chromatographic techniques.

CO3. Gain knowledge about different types of solvent extraction and applications of solvent extraction.

CO3. Write down the principles and applications of ion exchange method.

CO4. Describe different types of titrations with examples

CO5. Write down the concepts of co-precipitation and post precipitation.

CO6. Determine Zn and Mg using EDTA by complexometric titration.

Course-8

After completion of these courses students should be able to;

CO1. Write down about spin-spin coupling and AX, A2X systems

CO2. Describe advanced concepts in NMR spectroscopy like Decoupling, NOE etc.,

CO3. Carry out the quantitative determination of metal ions using Beer- Lambert's law.

CO4. Describe basic concepts in electronic spectroscopy

CO5. Write down the basic principles and applications of EPR spectroscopy.

CO6. Carry out the synthesis of Azo dye and Aspirin.

Course-9

After completion of these courses students should be able to;

CO1. Describe the basic concepts in Organic photochemistry.

CO2. Gain knowledge about the various protecting groups used in in organic synthesis.

CO3. Write down the mechanisms of named reactions like Mannich Reaction, Shapiro reaction, Stork-enamin Reaction, Baylis-Hillman reaction etc.,

- CO4. Carry out the determination of Nitrogen and Halogens in a given organic compound using green protocol
- CO5. Carry out the Diels-Alder reaction using Green Procedure.
- CO6. Write down the mechanisms of named coupling reactions like Heck coupling.

Course-10

After completion of these courses students should be able to;

- CO1. Describe the terminology used in Pharmaceutical chemistry
- CO2. Write down the nomenclature, and classification of drugs based on structures and therapeutic activity.
- CO3. Gain knowledge about various Chemotherapeutic drugs and Psycho therapeutic drugs.
- CO4. Describe about the pharmacodynamic drugs and HIV-AIDS drugs.
- CO5. Carry out the determination of Iron using Potassium dichromate by Potentiometric titration
- CO6. Demonstrate the applications of Beer-Lambert's law using Spectrophotometer.

DEPARTMENT OF PHYSICS

Course Outcomes - B.Sc. Physics

Program Learning Outcomes in B.Sc. (Physics)

The student graduating with the Degree in B.Sc. Courses in Physics is expected to

- Acquire
- ✓ A fundamental or systematic understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Astrophysics, Material science, Nuclear and Particle Physics, Condensed matter Physics, Atomic and Molecular Physics, Mathematical Physics, Analytical dynamics, Space physics, and its linkages with related disciplinary areas like Chemistry, Mathematics, Life sciences, Environmental sciences, Atmospheric Physics, Computer science, Information Technology.
- ✓ Procedural knowledge that creates different types of professionals related to the disciplinary area of Physics, including professionals engaged in research and development, teaching and government/public service.
- Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.

- Recognize the importance of mathematical modelling simulation and computing, and the role of approximation and mathematical approaches to describing the physical world.
- Plan and execute Physics-related experiments or investigations, analyze and interpret data/information collected using appropriate methods, including the use of appropriate software such as programming languages and purpose-written packages, and report accurately the findings of the experiment/investigations while relating the conclusions/findings to relevant theories of Physics.
- Demonstrate relevant generic skills and global competencies such as
 - ✓ problem-solving skills that are required to solve different types of Physics-related problems with well-defined solutions, and tackle open-ended problems that belong to the disciplinary-area boundaries;
 - ✓ investigative skills, including skills of independent investigation of Physics-related issues and problems;
 - ✓ communication skills involving the ability to listen carefully, to read texts and research papers analytically and to present complex information in a concise manner to different groups/audiences of technical or popular nature;
 - ✓ analytical skills involving paying attention to detail and ability to construct logical arguments using correct technical language related to Physics and ability to translate them with popular language when needed;
 - ✓ ICT skills;
 - ✓ personal skills such as the ability to work both independently and in a group.
- Demonstrate professional behaviour such as
 - ✓ being objective, unbiased and truthful in all aspects of work and avoiding unethical, irrational behaviour such as fabricating, falsifying or misrepresenting data or committing plagiarism;
 - ✓ the ability to identify the potential ethical issues in work-related situations;
 - ✓ appreciation of intellectual property, environmental and sustainability issues;
 - ✓ promoting safe learning and working environment.

Course Learning Outcomes (CLO) of B.Sc. (Physics)

S. No.	Semester	Title of the Paper	Hours/ Semester	Duration of exam (hrs)	Max Marks (external)
Thoery					
1	I	Paper I: Mechanics& Properties of Matter	60	3	75
2	II	Paper II: Waves & Oscillations	60	3	75
3	III	Paper III: Wave Optics	60	3	75
4	IV	Paper IV: Thermodynamics & Radiation Physics	60	3	75
5	V	Paper V:Electricity, Magnetism& Electronics	60	3	75
		Paper VI: Modern Physics	60	3	75
6	VI	Paper VII :Elective (One)	60	3	75
		Paper VIII: Cluster Electives (Three)	60	3	75
Practicals					
1	I	Practical I	30	3	50
2	II	Practical II	30	3	50
3	III	Practical III	30	3	50
4	IV	Practical IV	30	3	50
5	V	Practical V	30	3	50
		Practical VI	30	3	50
6	VI	Practical VII	30	3	50
		Practical VIII	30	3	50

Paper I: Mechanics & Properties of Matter

Course learning outcome:

After going through the course, the student should be able to

- Understanding Scalar and vector fields, gradient of a scalar field, Divergence and curl of a vector field. Vector integration (line, surface and volume), Gauss and Stokes theorems.
- Understand laws of motion and their application to various dynamical situations, motion of inertial frames and concept of Galilean invariance. He / she will learn the concept of conservation of energy, momentum, angular momentum and apply them to basic problems.
- Understand the analogy between translational and rotational dynamics, and application of both motions simultaneously in analyzing rolling with slipping.
- Write the expression for the moment of inertia about the given axis of symmetry for different uniform mass distributions. Understand the phenomena of collisions and idea about center of mass and laboratory frames and their correlation.
- Understand the principles of elasticity through the study of Young Modulus and modulus of rigidity.
- Apply Kepler's law to describe the motion of planets and satellite in circular orbit, through the study of law of Gravitation.
- Explain the phenomena of simple harmonic motion and the properties of systems executing such motions.
- Describe how fictitious forces arise in a non-inertial frame, e.g., why a person sitting in a merry-go-round experiences an outward pull.
- Describe special relativistic effects and their effects on the mass and energy of a moving object.
- Appreciate the nuances of Special Theory of Relativity (STR).
- In the laboratory course, the student shall perform experiments related to mechanics (compound pendulum), rotational dynamics (Flywheel), elastic properties (Young Modulus and Modulus of Rigidity) and fluid dynamics (verification of Stokes law, Searle method) etc.

Paper II: Waves & Oscillations

Course learning outcome:

This course will enable the student to

- Recognize and use a mathematical oscillator equation and wave equation, and derive these equations for certain systems.

- Apply basic knowledge of principles and theories about the behaviour of light and the physical environment to conduct experiments.
- Understand the principle of superposition of waves, so thus describe the formation of standing waves.
- Explain several phenomena we can observe in everyday life that can be explained as wave phenomena.

Paper III: Wave Optics

Course learning outcome:

This course will enable the student to

- Use the principles of wave motion and superposition to explain the Physics of polarisation, interference and diffraction.
- Understand the working of selected optical instruments like biprism, interferometer, diffraction grating, and holograms.
- In the laboratory course, student will gain hands-on experience of using various optical instruments and making finer measurements of wavelength of light using Newton Rings experiment, Fresnel Biprism etc. Resolving power of optical equipment can be learnt firsthand.
- The motion of coupled oscillators, study of Lissajous figures and behaviour of transverse, longitudinal waves can be learnt in this laboratory course.

Paper IV: Thermodynamics & Radiation Physics

Course learning outcome:

- Comprehend the basic concepts of thermodynamics, the first and the second law of thermodynamics, the concept of entropy and the associated theorems, the thermodynamic potentials and their physical interpretations.
- Learn about Maxwell's thermodynamic relations.
- Learn the basic aspects of kinetic theory of gases, Maxwell-Boltzman distribution law, equipartition of energies, mean free path of molecular collisions, viscosity, thermal conductivity, diffusion and Brownian motion.
- Learn about the real gas equations, Van der Waal equation of state, the Joule-Thompson effect.
- In the laboratory course, the students are expected to do some basic experiments in thermal Physics, viz., determinations of Stefan's constant, coefficient of thermal conductivity, temperature coefficient of resistance, variation of thermo-emf of a thermocouple with temperature difference at its two junctions and calibration of a thermocouple.

Paper V: Electricity, Magnetism & Electronics

Course learning outcome:

- Achieve an understanding of the Maxwell's equations, role of displacement current, gauge transformations, scalar and vector potentials, Coulomb and Lorentz gauge, boundary conditions at the interface between different media.
- Apply Maxwell's equations to deduce wave equation, electromagnetic field energy, momentum and angular momentum density. Analyse the phenomena of wave propagation in the unbounded, bounded, vacuum, dielectric, guided and unguided media.
- Understand the laws of reflection and refraction and to calculate the reflection and transmission coefficients at plane interface in bounded media.
- Understand the linear, circular and elliptical polarisations of em waves. Production as well as detection of waves in laboratory.
- Understand propagation of em waves in anisotropic media, uni-axial and biaxial crystals phase retardation plates and their uses.
- Understand the concept of optical rotation, theories of optical rotation and their experimental rotation, calculation of angle rotation and specific rotation.
- Understand the features of planar optical wave guide and obtain the Electric field components, Eigen value equations, phase and group velocities in a dielectric wave guide.
- In the laboratory course, the student gets an opportunity to perform experiments Demonstrating principles of
- Interference, Refraction and diffraction of light using monochromatic sources of light. Demonstrate interference, Refraction and Diffraction using microwaves.
- Determine the refractive index of glass and liquid using total internal reflection of light. Verify the laws of Polarisation for plane polarised light.
- Determine Polarisation of light by Reflection and determine the polarization angle off or air-glass surface
- Determine the wavelength and velocity of Ultrasonic waves in liquids using diffraction.
- Study specific rotation of sugar using Polarimeter.
- Analyze experimentally the Elliptically Polarised light using Babinet's Compensator
- Study Experimentally the angle dependence of radiation for a simple dipole antenna
- Plan and Execute 2-3 group projects for designing new experiments based on the Syllabi.

Paper VI: Modern Physics

Course learning outcome:

- Know main aspects of the inadequacies of classical mechanics and understand historical development of quantum mechanics and ability to discuss and interpret experiments that reveal the dual nature of matter.
- Understand the theory of quantum measurements, wave packets and uncertainty principle. Understand the central concepts of quantum mechanics: wave functions,

momentum and energy operator, the Schrodinger equation: time dependent and time independent cases, probability density and the normalization techniques. One dimensional rigid box.

- Understanding the properties of nuclei like density, size, binding energy, nuclear forces and structure of atomic nucleus, liquid drop model and nuclear shell model and mass formula.
- Radioactive decays like alpha, beta, gamma decay.
- Neutrinos and its properties and role in theory of beta decay.
- Understand fission and fusion well as nuclear processes to produce nuclear energy in nuclear reactor and stellar energy in stars.
- Understand various interactions of electromagnetic radiation with matter. Electron positron pair creation.
- In the laboratory course, the students will get opportunity to perform the following experiments:
 - ✓ Measurement of Planck's constant by more than one method.
 - ✓ Verification of the photoelectric effect and determination of the work Function of a metal. Determination of the charge of electron and e/m of electron.
 - ✓ Determination of the ionization potential of atoms.
 - ✓ Determine the wavelength of the emission lines in the spectrum of Hydrogen atom. Determine the absorption lines in the rotational spectrum of molecules.
 - ✓ Determine the wavelength of Laser sources by single and Double slit experiments Determine the wavelength and angular spread of He-Ne Laser using plane diffraction grating.
 - ✓ Verification of the law of the Radioactive decay and determine the mean life time of a Radioactive Source, Study the absorption of the electrons from Beta decay.
 - ✓ Study of the electron spectrum in Radioactive Beta decays of nuclei.
 - ✓ Plan and Execute 2-3 group projects in the field of Atomic, Molecular and Nuclear Physics in collaboration with other institutions, if, possible where advanced facilities are available.

Elective-Paper VII-(B): Materials Science

Course learning outcome:

At the end of the course the students are expected to learn and assimilate the following.

- A brief idea about Materials Classification; Metals, Alloys, Semiconductors, Polymers, Ceramics, Plastics, Bio-materials, Composites, Bulk and nano materials, Interatomic forces, chemical bonds, Binding energy of a crystal.
- Knowledge of different types of magnetism from diamagnetism to ferromagnetism and hysteresis loops and energy loss.
- Understanding about the dielectric, piezoelectric, pyroelectric and ferroelectric properties of materials.

- A brief idea about mechanical behavior of Materials, Creep, Fracture, Technological properties, Factors affecting mechanical properties of a material, Heat treatment, Cold and hot working, Types of mechanical tests, Metal forming process, Powder, Misaligning, Deformation of metals.
- Understand the basic idea about Defects and Diffusion in Materials
- To carry out experiments based on the theory that they have learned to measure the magnetic susceptibility, dielectric constant, trace hysteresis loop.

Cluster Elective Paper –VIII-C-1:Solar Thermal and Photovoltaic Aspects

Course learning outcome:

At the end of the course the students are expected to learn and assimilate the following.

- Understanding the Basics of Solar Radiation
- A brief idea about the Radiative Properties and Characteristics of Materials
- Knowledge about Flat Plate Collectors (FPC), Concentrating Collectors
- Solar photovoltaic (PV) cell, Solar cell fabrication.
- Solar PV systems, Solar thermal applications, Solar PV applications.
- Carry out experiments on Measurement of direct solar radiation using pyrliometer, global and diffuse solar radiation using pyranometer, Measurement of emissivity, reflectivity and transmissivity, Measurement of efficiency of solar flat plate collector, Performance testing of solar air dryer unit, Effect of tilt angle on the efficiency of solar photovoltaic panel, Study on solar photovoltaic panel in series and parallel combination.

Cluster Elective Paper –VIII-C-2 :Wind, Hydro and Ocean Energies

At the end of the course the students are expected to learn and assimilate the following.

- A brief idea about generation, meteorology, world distribution of wind, wind speed variation with height, wind speed statistics, General introduction; Wind Measurements: Eolian features, biological indicators, rotational anemometers, other anemometers, wind measurements with balloons.
- Wind Energy Conversion System, Design of Wind Turbine.
- Wind Energy Application: Wind pumps: Economics of wind energy utilization; Wind energy in India; Environmental Impacts of Wind farms.
- Small Hydropower Systems: Overview of micro, mini and small hydro systems.
- Ocean Thermal, Tidal and Wave Energy Systems.
- Tidal Energy.
- Carry out experiments on Estimation of wind speed using anemometer, Determination of characteristics of a wind generator, Study the effect of number and size of blades of a wind turbine on electric power output, Performance evaluation of vertical and horizontal axis wind turbine rotors, Study the effect of density of water on the output

power of hydroelectric generator, Study the effect of wave amplitude and frequency on the wave energy generated.

Cluster Elective Paper –VIII-C-3 :Energy Storage Devices

At the end of the course the students are expected to learn and assimilate the following.

- Energy Storage
- Electrochemical Energy Storage Systems
- Magnetic and Electric Energy Storage Systems
- Fuel Cell, Types of Fuel Cells
- Carry out experiments on Study of charge and discharge characteristics of storage battery, Study of charging and discharging behavior of a capacitor, Determination of efficiency of DC-AC inverter and DC-DC converters, Study of charging characteristics of a Ni-Cd battery using solar photovoltaic panel, Performance estimation of a fuel cell, Study of effect of temperature on the performance of fuel cell.

DEPARTMENT OF HINDI

Course Outcomes - Department of Hindi

Sem -I

- CO1.Students will get knowledge of Hindi language and literature .
- CO2.Students will develop mental knowledge which is very important for social development.
- CO3. Students will develop expression skills.
- CO4. Students will gain social knowledge about humanity.
- CO5. Personality will develop in students.
- CO6. Students will improve language skills by grammar.
- CO7. Student will improve interest on read literature.

Sem -II

- CO1.The students will get knowledge of Indian culture and literature.
- CO2.Students will acquired knowledge of Indian cultural value.
- CO3.Through the AIDS lesson the student himself will be alert and will also alert the society.
- CO4.Students will develop expression skills.
- CO5.Students will improve their language skills by grammar.
- CO6.Students will get information about corruption problem.
- CO7. Student will improve interest on read literature.

Sem -III

- CO1. Knowledge of devotional policy by ancient devotional poetry.
- CO2.Students will get knowledge about Harmony in poetic style and expression.
- CO3.Students get knowledge of language used in modern and old poetry.
- CO4. Students also get knowledge of the need of poetry in understanding human emotions.
- CO5.Students will develop expression skills.
- CO6.Students will improve their language skills by grammar.
- CO7. Student will improve interest on read literature.

DEPARTMENT OF ZOOLOGY

Course Outcomes - B.Sc. Zoology

SEM.1. DIVERSITY OF NON CHORDATES.

1. Students will understand the microscopic and unicellular organisms belong to the phylum protozoa, and appreciate the diversity of organisms in this phylum.
2. Students will understand the multicellular organisms and their diversity.
3. Students will understand the multicellular and tissue grade level of organization.
4. Students will understand the acoelomate organisms.
5. Students will understand the triploblastic and pseudocoelomate organisms.
6. Students will understand the parasitic organisms and diseases caused by them.
7. Students will understand the coelomic organisms and cephalization.
8. Students will understand the edible organisms for human consumption.
9. Students will Understand the importance of pearl culture, prawn culture, lobster culture, mussel culture and their economic importance.
- 10.Students will understand the life cycle of exclusively marine organisms and the larval forms in the phylum Echinodermata..

SEM. 2. DIVERSITY OF CHORDATES.

1. Students will appreciate the difference between a non chordate and a chordate organism .
2. Understand the meaning of chordata and classes that belong to chordata.
3. Appreciate the diversity of chordates in their habitat, shape and size.
4. Understand the importance of fishes as food, economic and commercial value.
5. Students will understand how some organisms breathe through lungs, some through skin, lungs etc.
6. Understand how amphibians tried to come out of water but not completely

7. Students will appreciate how reptiles came out of water and their eggs are cleidoic in nature, understanding the difference between poisonous and non poisonous snakes.
8. Students will appreciate the majestic flying mechanism in birds and their diversity, their migratory patterns, their feather structure etc.
9. Students will understand the diversity in mammals, unique nature of mammals and appreciate the differences in prototheria, metatheria and eutheria mammals and understand different types of teeth in mammals.

SEM.5. ANIMAL HUSBANDRY.

1. Students will understand the animal husbandry is a self employment course. With minimum expenditure they can start a poultry farm. They will have an understanding that the government is offering subsidy on loans.
2. Students will have understanding about different types of poultry breeds, they know the difference between layers and broilers, know about different types of country breeds.
3. Students will know how to construct a poultry shed, feed requirements for different chicks, water facilities, different types of cages, etc.
4. Students will understand different types of poultry diseases caused by bacteria, viruses, fungus, helminths and protozoans.
5. Students will understand different types of cattle breeds, famous breeds of the world in terms of milk production and beef production, they know how to construct a cattle shed, their food requirements and water requirements etc.
6. Students will have an idea about deworming, vaccination, weaning of calf, castration and dehorning etc.
7. Students will know how to maintain records of a dairy farm.

SEM.6. IMMUNOLOGY.

1. Students will have a broad understanding of the historical background of the development of Immunology as science.
2. Students will know that there is a system (Immune System) in our body which protects us from disease causing organisms.
3. Students will understand what are the different types of immunities in our body, Innate immunity, Acquired immunity, difference between cell mediated immunity and Humoral immunity.
4. Students will know what are the organs of our body (Lymphoid organs) responsible for immunity, cells of immunity, etc.
5. Students will understand what is an antigen, types of antigens, and its properties.
6. Students will know what is an antibody, its structure, properties and types of antibodies. Know about antigen antibody reactions etc.
7. Students will have knowledge about Hypersensitivity, allergies, different

types of vaccines and their administering, immunization program.

8. Students will understand what are different types of autoimmune disorders.

SEM.6. PRINCIPLES OF AQUACULTURE (CLUSTER).

1. Students will know the difference between agriculture and aquaculture
2. Students will know the importance of aquaculture in terms of its food value and commercial value.
3. Present scenario of Aquaculture around the world.
4. Students will understand what is fresh water aquaculture, what is brackish water aquaculture and mariculture.
5. Students will understand different fish culture methods like extensive culture method, intensive method and semi intensive method etc.
6. Students will know different types of fish ponds, how to construct a fish pond, site selection for fish pond, etc.
7. Students will know what are the different types of cultivable species of fish suitable for freshwater, brackish water and marine water etc.
8. Students will understand the environmental parameters that play crucial role in aquaculture like O₂, CO₂, DO, turbidity, salinity, PH etc.
9. Students will have knowledge about fish diseases caused by protozoans, fungus, helminthes, bacteria and viral diseases.

DEPARTMENT OF HISTORY

Course Outcomes - B.A. History

Sem	Course	Title of the Course	Hrs/Wk	Credits	Marks
I	1	Ancient Indian History from earliest to 600A.D	5	4	100
II	2	Early Mediaeval Indian History from 600AD to 1526A.D	5	4	100
III	3	Late Mediaeval and colonial History of India	5	4	100
IV	4	Social Reform Movement and Freedom struggle	5	4	100
V	5	Age of Rationalism and Humanism	5	4	100
V	6	History and culture of Andhradesa	5	4	100
VI	F P7	History of Modern Europe	5	4	100
VI	F P8	Cultural Tourism in Andhra Pradesh	5	4	100
VI	F P9	Popular Movements in Andhra Desa	5	4	100
VI	F P10	Contemporary History of Andhra Pradesh	5	4	100

Programme Specific Outcomes (PSO) History

After completion of Economics programme, the students will be in a position to take informed decisions with regard to the following:

PSO1: Understand various terms and concepts of the subject with the help of examples from the real life.

PSO2: Understand the Historical facts and features.

PSO3: Gain knowledge about the principles and theories of Historical methods

PSO4: Gain knowledge of the History of the Andhra Pradesh.

PSO5: Acquire ability to understand the socio-economic phenomena by applying the knowledge they gained in the class.

I Semester

Course Outcome: Core P1

CO1: Acquire knowledge and understanding of the nature and scope of the History.

Co2: Acquires knowledge and understanding of the methods of analysis of Historical concepts.

CO3: Acquires knowledge and understand the approaches to overcome partiality in History.

CO4: Acquires knowledge and understanding of the Ancient civilizations.

II Semester

Course Outcome: Core 2

CO1: Understand the socio,economic and cultural conditions in medieval India

CO2: Describe the advent of Islam in India and study the traces of political and cultural expansion of the Turks and Afghans

CO3: Acquire knowledge and understand about price determination in monopoly and oligopoly markets.

CO4: Analyze the emergence of composite culture in India

CO5: visualize where places are in relation to one another through map pointing

III Semester

Course Outcome : CoreP3

CO1: Acquire knowledge about the establishment of Mughal empire.

CO2: Acquire knowledge and understand the relationship between Hindus and Muslims.

CO3: Acquir knowledge about Art and Architecture of Mughal empire.

CO4: Acquire knowledge and understanding of the emergence of British rule in India.

CO5: Acquire knowledge about the problems of the farmers.

IV Semester

Course Outcome: Core P4

CO1: Acquire knowledge and understand meaning and phases of the social reform Movements.

CO2: Acquire knowledge about the conditions in India during social reform movements.

CO3: Acquire knowledge and understand trade cycles and inflation. The understanding of these concepts helps to assess the prevailing situation in the History of British India

CO4: Acquire knowledge and understanding of various financial instruments and institutions functioning.

CO5: Acquire knowledge and understand the Freedom struggle

V Semester

Course Outcome: Core P5

CO1: Acquire knowledge and understand the concepts of growth and development of Renaissance

CO2: Acquire knowledge and understand the Reform Movement and counter Reform Movement

CO3: Acquire knowledge and understand the Revolutions of America and French.

CO 4: Acquire knowledge and understanding of clashes between nations in Europe.

CO5: Understand the concepts of liberalisation, privatisation and globalisation, inclusive growth.

V Semester

Course Outcome: Core P6

CO1: Acquire knowledge and understand importance of the History of Andhra Desa

CO2: Acquire knowledge of early dynasties in Andhra Desa. Establishment of Satavahana empire.

CO3: Acquire knowledge and understanding of the conditions in the period of Vijayanagar empire.

CO4: Acquire knowledge and understanding of the establishment of the Muslim rule in South India.

CO5: Acquire knowledge and understanding of the Freedom struggle in Andhra Desa.

VI Semester

Course Outcome: core p7A

CO1: Acquire knowledge and understand the world before World wars

CO2: Acquire knowledge and understand the unification movements in Italy and Germany.

CO3: Acquire knowledge and understand the causes and consequences of the First World War

CO4: Acquire knowledge about the causes and consequences of the Second World War

CO5: Acquire the knowledge of the establishment of United Nations Organization.

VI Semester

Course Outcome: Cluster 8A1

CO1: Acquire knowledge of the tourist spots in Andhra Pradesh.

CO2: Acquire knowledge of the importance of the tourism development in Andhra Pradesh

CO3: Acquire knowledge of the preservation of Ancient monuments.

CO4: Acquire knowledge about the Government policies about Tourism Development.

VI Semester

Course Outcome: Cluster Elective 8A2

CO1: Acquire knowledge and understand the popular Movements in Andhra Pradesh.

CO2: Acquire knowledge about Tribal movements in Andhra Desa.

CO3: Acquire knowledge about social reform movements in Andhra Desa.

CO4: Acquire knowledge about freedom fighters in Andhra Desa.

CO5: Acquire knowledge about the Nizam rule in Andhra Desa.

Faculty of Arts. Programme HERI-Programme outcomes

Po1: Acquire knowledge in different subjects such as Economics, History, Rural Industrialization.

Po2: Identify and define various kinds of sources and understand The social problems

Po3: understanding the problems of the Industries and analyse the solutions

Po4: To create employment through Rural Industrialization

Po5: To understand the importance of Tourism.

Sem	Course	Title of the Course	Hrs/Wk	Credits	Marks
I	1	Micro Economics – Consumer Behaviour	5	4	100
II	2	Micro Economics - Production and Price theory	5	4	100
III	3	Macro Economics - National Income, Employment and Money	5	4	100
IV	4	Banking and International Trade	5	4	100

V	5	Economic Development and Indian Economy	5	4	100
V	6	Indian and Andhra Pradesh Economy	5	4	100
VI	F P7	Public Finance(Elective)	5	4	100
VI	F P8	Taxation (Cluster Elective)	5	4	100
VI	F P9	Public Expenditure and Debt(Cluster Elective)	5	4	100
VI	F P10	Financial Administration (Cluster Elective)	5	4	100

Department of Economics

Programme Specific Outcomes (PSO) Economics

After completion of Economics programme, the students will be in a position to take informed decisions with regard to the following:

PSO1: Understand various terms and concepts of the subject with the help of examples from the real life.

PSO2: Understand the behaviour of consumers and producers and their response to under different situations, say price variation, income variation, input variation

PSO3: Gain knowledge about the principles and theories of economics

PSO4: Gain knowledge of public revenue, public expenditure, public debt, Budget and how they impact various sections of people and the economy.

PSO5: Acquire ability to understand the socio-economic phenomena by applying the knowledge they gained in the class.

Subject outcome

I Semester

Course Outcome: Core P1 Micro Economics – Consumer Behaviour

CO1: Acquire knowledge and understanding of the nature and problem of economics.

Co2: Acquires knowledge and understanding of the methods of analysis of economic problem.

CO3: Acquires knowledge and understand the approaches to consumer behaviour and principles of consumer behaviour.

CO4: Acquires knowledge and understand consumer behaviour when price of the product changes, income of the consumer changes and price of the related commodity changes.

CO5: Acquires knowledge and understand the application of indifference technique in analysing consumer behaviour and consumer equilibrium

The student acquires the skill to present, analyse and interpret data

II Semester

Course Outcome: Core P2 Micro Economics – Production and Price theory

CO1: Acquire knowledge and understand the various concepts of production function, cost and revenue concepts. Acquire knowledge and understand theories of production, producer's behaviour and producer's equilibrium

CO2: Acquire knowledge and understand market structure and characteristics of various markets, price determination under perfect competition and monopoly

CO3: Acquire knowledge and understand about price determination in monopoly and oligopoly markets.

CO4: Acquire knowledge and understand the determination of price of the factors of production. Understand how wages are determined and theories of wages

CO5: Acquire knowledge and understand the determination of price for land, capital and entrepreneur, i.e. theories of rent, interest and profit.

III Semester

Course Outcome : CoreP3 Macroeconomic Analysis- National Income, Employment and Money

CO1: Acquire the knowledge and understand the meaning, definition and importance of Macroeconomics

CO2: Acquire knowledge and understand the various components of National Income, concepts of National Income and methods to measure the National Income. Understand how the income flows within the economy.

CO3: Acquire knowledge and understand theory of employment propagated by classical economists.

CO4: Acquire knowledge and understand Keynesian theory of employment, consumption function, investment function, MEC, Multiplier and accelerator.

CO5: Acquire knowledge and understand origin, evolution, functions, concepts and theories of money.

IV Semester

Course Outcome: Core P4 Macroeconomic Analysis- Banking and International Trade

CO1: Acquire knowledge and understand meaning and phases of Trade Cycles, causes and consequences of inflation

CO2: Acquire knowledge and understand the definition, evolution, functions of banks along with reforms in banking sector. Acquire the knowledge and understand the functioning and role of central bank.

CO3: Acquire knowledge and understand trade cycles and inflation. The understanding of these concepts helps to assess the prevailing situation in the economy.

CO4: Acquire knowledge and understanding of various financial instruments and institutions functioning.

CO5: Acquire knowledge and understand the impact of monetary and fiscal policies on the economy, importance of international trade, distinction between balance of trade and balance of payments

V Semester

Course Outcome: Core P5 Economic Development and Indian Economy

CO1: Acquire knowledge and understand the concepts of growth and development and theories of growth

CO2: Acquire knowledge and understand the strategies of development and also know their adoption in our economy's development process

CO3: Acquire knowledge and understand the basic features of Indian Economy, natural resources and demographic features and concept of population dividend

CO 4: Acquire knowledge and understand the composition of National income and trends in national income, inequalities in the distribution of income, unemployment and MGNREGA

CO5: Understand the concepts of liberalisation, privatisation and globalisation, inclusive growth

V Semester

Course Outcome: Core P6 Indian and Andhra Pradesh Economy

CO1: Acquire knowledge and understand importance of agriculture, agrarian reforms, rural credit, agricultural price policy, crop insurance and food security

CO2: Acquire knowledge and understand structure of industries, industrial policies and MSMEs and the problems faced by small scale industries

CO3: Acquire knowledge and understand the concepts of disinvestment, foreign direct investment, service sector in India and reforms in the service sector

CO4: Acquire knowledge and understand the objectives of planning and their impact, NITI Aayog

CO5: Acquire knowledge and understand Andhra Pradesh population characteristics, GSDP and its composition, IT, small scale industries and SEZs

VI Semester

Course Outcome: Elective F P7: Public Finance

CO1: Acquire knowledge and understand the concept of public finance, distinction between private and public finance, Principle of Maximum Social Advantage

CO2: Acquire knowledge and understand various sources of revenue to the Government and principles underlying taxation

Co3: Acquire knowledge and understand the concept of public expenditure and principles of public expenditure

Co4: Acquire knowledge and understand the concept of public debt, types and methods of redemption

Co5: Acquire knowledge and understand the concept of budget, types of budget and components of budget and Indian budget

VI Semester

Course Outcome: Cluster Elective F P8 Taxation

CO1: Acquire knowledge and understand theories of taxation

CO2: Acquire knowledge and understand kinds of taxation

CO3: Acquire knowledge and understand concept of taxable capacity and effects of taxation

CO4: Acquire knowledge and understand various central and state government taxes

CO5: Acquire knowledge and understand GST

VI Semester

Course Outcome: Cluster Elective F P9: Public Expenditure and Debt

CO1: Acquire knowledge and understand the meaning and principles of public expenditure

CO2: Acquire knowledge and understand the classification of public expenditure

CO3: Acquire knowledge and understand the effects of public expenditure

CO4: Acquire knowledge and understand the concept of debt and classification of debt

CO5: Acquire knowledge and understand the effects of debt

DEPARTMENT OF ENGLISH

Course Outcomes – English Subject

Subject: English (CBCS) of UGC guide lines

Programme Outcomes in general:

Students graduating with any Ordinary Bachelor degree (As there is no special or oriental languages in the Institution) of our college should be able to:

1. Develop listening skills in various contexts and comprehend them to respond, write, memorize and reproduce the same.
2. Develop Reading skills in order to understand the content. He/she also get to know the various skills of reading like skimming and scanning etc.
3. Develop Speaking skills which helps him/her to communicate well, to advance his career, group behaviour, voice modulation, pitch, tone etc.
4. Develop Writing skills , presenting his feelings, thoughts etc, letter writing, passage writing, essay, composition, etc.
5. Communicate, employment skills, soft skills, interactive skills, interview skills, group leader skills, managerial skills, and life skills etc.
6. Behave in a society as Language is a social skill which enables the individual to become a good citizen with ethics and morality

Course Outcomes:

After completion of these courses' students should be able to:

Semester-I

Course 1

CO 1. To understand reading, writing, listening, and speaking skills through the prose lessons of A. P.J. Abdul Kalam's 'The Knowledge Society' and Ngugi wa Thiong'o's 'The Language of African Literature'

To understand word building, synonyms, antonyms, prefixes, suffixes, grammar, point of view, reading comprehension, making questions and answers etc.,

CO 2. To understand listening and repeating the poetry (poems) of Robert Frost's 'The Road not Taken' and Nissim Ezekiel's 'Night of the Scorpion' by using the reading devices like pitch, tone and rhyme, rhythm, meter, alliteration, prosody, imagery, sound, figures of speech, symbolism, an allegory, syntax etc.

CO 3. To have comprehensive skills and writing through short stories, 'The Lost Child' by Mulk Raj Anand and 'The Loaded Dog' by Henry Lawson to describe a thing or scene, a person etc, narrative skills, precise writing, paraphrasing, characterization etc.

CO 4. To develop dialogues, spoken English, characterization, acting skills through role play, He/she is expected to learn social context, behaviour in different context, to observe the needs of the society, his/her role in moulding peers and as a responsible person in the society through the drama 'The Merchant of Venice'.

Course Outcomes:

After completion of these courses' students should be able to:

Semester-II

Course 2

CO 1. To understand reading, writing, listening, and speaking skills through the prose lessons 'The Scientific Point of View' by J.B. S. Haldane and 'On Shaking Hands' by A. G. Gardiner.

To understand word building, synonyms, antonyms, prefixes, suffixes, grammar, point of view, reading comprehension, making questions and answers etc.,

CO 2. To understand listening and repeating the poetry (poems) of John Keats and Kishwar Naheed using the reading devices like pitch, tone and rhyme, rhythm, meter, alliteration, prosody, imagery, sound, figures of speech, symbolism, an allegory, syntax etc.

CO 3. To have comprehensive skills and writing through short stories, to describe a thing or scene, a person etc, narrative skills, precise writing, paraphrasing, characterization etc. from the short stories 'The Boy Who Broke the Bank' and 'Half a Rupee Worth' by Ruskin Bond and R.K. Narayan respectively.

CO 4. To develop dialogues, spoken English, characterization, acting skills through role play, He/she is expected to learn social context, behaviour in different context, to observe the needs of the society, his/her role in moulding peers and as a responsible person in the society through the drama 'A Marriage Proposal'

Course Outcomes:

After completion of these courses' students should be able to:

Semester-III

Course 3

CO 1. To understand reading, writing, listening, and speaking skills through the prose lessons 'Shyness My Scheld' and 'Why People Really Love 'Technology: An Interview with Genevieve Bell' by M.K. Gandhi and Alexis Madrigal respectively.

To understand word building, synonyms, antonyms, prefixes, suffixes, grammar, point of view, reading comprehension, making questions and answers etc.,

CO 2. To understand listening and repeating the poetry 'Once upon A Time' and Digging by Gabriel Okara and Seamus Heaney respectively (poems) by using the reading devices like pitch, tone and rhyme, rhythm, meter, alliteration, prosody, imagery, sound, figures of speech, symbolism, a allegory, syntax etc.

CO 3. To have comprehensive skills and writing through short stories, ;The Interpreter of Maladies' and 'My Beloved Charioteer' by Jhumpa Lahiri and Shashi Deshpande respectively, to describe a thing or scene, a person etc, narrative skills, precise writing, paraphrasing, characterization etc.

CO 4. To develop dialogues, spoken English, characterization, acting skills through role play, He/she is expected to learn social context, behaviour in different context, to observe the needs of the society, his/her role in moulding peers and as a responsible person in the society through the drama 'Kanyasulkam (Acts 1 and 2) by Gurajada Appa Rao, translated by N. Usha.

DEPARTMENT OF TELEUGU

SUBJECT: TELUGU

COURSE OUTCOME SEMESTER -I

CO - 1 భాష పట్ల గౌరవం, సాహిత్యం పట్ల అభిలాష, సమాజం పట్ల అవగాహన భాషాజ్ఞానం, అభివ్యక్తి న చైపుణ్యం, మానసిక వికాసం, వ్యక్తిత్వ వికాసం. వాచించిన కవిత్వ అభిరుచి ఆంధ్రా మహా భారత్ రచనా విశిష్టత్వ తెలుసుకోనుట ఒకక తప్పపట్టుగు వలల ఎంతో కష్టపడి పండిన ఉన్నతిని కోలపపతారనే అవగాహన నీలను గౌరవించాలనే భావన.

CO -2 భాషా జ్ఞానం, అభివ్యక్తి న చైపుణ్యం, మానసిక వికాసం, వ్యక్తిత్వ వికాసం. ఆధునిక సాహిత్యాభిరుచి గత్ చరితాను అవగాహన చేసుకోనుట సమాజంలప నీల సీతి గత్లప చై అవగాహన నీలని చెరపట్టుటన వాడిక్త వినాశనం తప్పదను విషయానినగరహించుట్ ఆధునిక కవితా రచనకు పరారణ్.

CO -3 భాషా జ్ఞానం, అభివ్యక్తి న చైపుణ్యం, మానసిక వికాసం, వ్యక్తిత్వ వికాసం. కథానిక సవరూప సవభావాలప చై అవగాహన సమకాలిన సమాజంలప ర చైత్ల దయనీయ పరిసిత్ల ప చై అవగాహన కరువు పరిసిత్లప చై అవగాహన కథానిక రచన చేయుట్కు పరారణ్.

CO -4 భాషా జ్ఞానం సంధులు, సమాసల పై అవగాహన , భాషలప సంధులు సమాసాలను గురించు అక్షర దోషాలు లేకుండా రాసర నేరుప అలవరచుకోనుట్ భాష పై పట్టట సాధించుట్

COURSE OUT COMES SEMESTER -II

CO -1 భాషా జ్ఞానం, అభివయక్తి న ిపుణ్యం, మానసిక వికాసం, వయక్తిత్వ వికాసం. భాష పట్ల గౌరవం, సాహిత్యం పట్ల అభిలాష, సమాజం పట్ల అవగాహన వాచించిన కవిత్వ అభిరుచి భక్తి కవిత్వం గురించి తెలుసుకోనుట్ వాచించిన కవుల చమతాకర రచనా వైభవానిన అవగాహన చేసుకోనుట్

CO -2 భాషా జ్ఞానం, అభివయక్తి న ిపుణ్యం, మానసిక వికాసం, వయక్తిత్వ వికాసం ఆధునిక కవిత్వ అభిరుచి ఇచ్చిన మాట్లు నిలబెట్టటకోవాలనే భావన.ఉనన వృక్షాలను రక్షించుకోవాలని, కోతగా మొకకలు నాటాలనే ఆకాంక్ష.

CO -3 భాషా జ్ఞానం, అభివయక్తి న ిపుణ్యం, మానసిక వికాసం, వయక్తిత్వ వికాసం. కథానిక సవరూప సవభావాలపై అవగాహన సమకాలీన సమాజంలప రైతీయల సిఠిగతీయల పై అవగాహన నీ పురుషులు సమానులే అనన ఆధునిక భావనను అరధం చేసుకోనుట్ కథానిక రచన చేయుట్కు పరారణ.

CO -4 భాషా జ్ఞానం, అభివయక్తి న ిపుణ్యం, మానసిక వికాసం, వయక్తిత్వ వికాసం జ్ఞానపద కళారూపాలపై అవగాహన, జ్ఞానపద కళాకారుల జీవన నేపథ్యం తెలుసుకోనుట్ వాచించిన కళారూపాలను కవాపాడుకోవలనే ఆసక్తి.

COURSE OUTCOME SEMESTER – III

CO -1 భాషా జ్ఞానం, అభివయక్తి న ిపుణ్యం, మానసిక వికాసం, వయక్తిత్వ వికాసం వాచించిన కవిత్వ అభిరుచి ఆధునిక మహా భాగవత్ విశిషటత్ను అరధం చేసుకోనుట్ ఇచ్చిన మాట్లు కట్టటబడి ఉండాలనే సంకలపం దేనిలపన ిన విజయం సాధించ గలమనే ఆత్మ విశవాసం పంపించుకోనుట్.

CO – 2 భాషా జ్ఞానం, అభివయక్తి న ిపుణ్యం, మానసిక వికాసం, వయక్తిత్వ వికాసం ఆధునిక కవిత్వ అభిరుచి ఆధునిక సాహిత్య పాక్తరయలు -దళిత కవిత్వం హరిజన శత్రు కాలం నాట్ట సామజిక సిఠి గతీయలు, నాట్టక్త, నేట్టక్త సమాజంలప వచ్చిన మారుపలుపట్ల అవగాహన సమాజ అభివృద్ధిధక్త పాయత్నం పండుగల పట్ల అవగాహన, అందరూకలసి మెలసి ఉండాలనే భావం.

CO -3 భాషా జ్ఞానం, అభివయక్తి న ిపుణ్యం, మానసిక వికాసం, వయక్తిత్వ వికాసం వాయస రచన పదధతీయలు తెలుసు కోనుట్, వాయస రచన పట్ల ఆసక్తి తెలుగు భాష పట్ల అవగాహన ,

తెలుగుభాష పాసుిత్ పరిసిితి తెలుగు సాహితీ వ ిభవం మన భాషను రక్షించు క్ోవాలనే సంకలపం వయక్తితావనిన వికసింప చేసుకునే పాయత్నం.

CO-4 ఛంద సు ,అలంక్ారాల ప ి అవగాహన ఛందోరచన పట్ల ఆసక్తి నిత్య వయవహారంలప ఉపయోగించే అలంక్ారాలను గురించుట్. అలంక్ారాలను ఉపయోగించి రచనలు చేయుట్ యందు ఆసక్తి .

DEPARTMENT OF BOTANY

SEMESTER–I(MICROBIALDIVERSITY,ALGAEANDFUNGI)

Theory

UNIT-I:MICROBIALWORLD

CO1:Studentscanknowthediscoveryofmicroorganisms,originoflife,spontaneous biogenesis,Pasteurexperiments,germ theoryofdisease.

CO2:Studentscanunderstandtheclassificationofmicroorganismsgivenby R.H. Whittaker(fivekingdom concept)andCarlWoese(domainsystem).

CO3:StudentswilllearnaboutspeciallygroupsofbacteriallikeArchaeobacteria,Mycoplasma, Chlamydia,Actinomycetes,RickettsiasandCyanobacteria.

UNIT-II:VIRUSES

CO1:StudentscanknowthediscoveryandgeneralaccountofViruses,structure&replication ofT4phage(Lytic,Lysogenic)andTMV,Viroid,Prions.

CO2:StudentswillunderstanddifferentplantdiseasescausedbyViruses,theirsymptoms, transmissionandcontrolmeasures.

CO3:StudentsstudytheTobaccoMosaic,Bhendi vein clearing and Papaya leaf curl diseases.

UNIT-III:BACTERIA

CO1:Studentscanknowthediscovery,generalcharacteristics,cellstructureandnutritionof Bacteria.

CO2:StudentswillunderstandreproductionofBacteria.

CO3:StudentswilllearntheeconomicimportanceofBacteria.

UNIT-IV:Algae

CO1:StudentswilllearnaboutthegeneralcharactersofAlgae.

CO2:StudentscanunderstandtheFritschclassificationofAlgaeandeconomicimportance.

CO3:Studentswilllearnaboutstructure,reproductionandlifehistoryofOedogonium, EctocarpusandPolysiphonia.

UNIT-V:Fungi

CO1:StudentswilllearnaboutthegeneralcharactersandAinsworthclassificationoffungi.

CO2: Students will learn about structure, reproduction and life history of Rhizopus, Penicillium and Puccinia.

CO3: Students will understand about structure, reproduction, ecological and economic importance of Lichens.

Practicals

CO1: Students will get the knowledge of Equipment used in Microbiology.

CO2: Students can understand the preparation of liquid and solid media for culturing of microbes.

CO3: Students will study different viruses and bacteria.

CO4: Students will learn Gram staining technique.

CO5: Students will study plant diseases symptoms caused by Bacteria, Viruses and Fungi.

CO6: Students will study vegetative and reproductive structures of the Cyanobacteria, Algae and Fungi.

CO7: Students will study different plant materials infected by Fungi.

CO8: Students will understand morphology and anatomy of different thallus of Lichens.

CO9: Field visits improve their knowledge.

Department of Commerce

Course Objectives and Course Outcomes

Class/Course code	Course name	Course objectives	Course outcomes
SEM 1 DSC 2A	Business organization	Explanation of 1) Aids to trade and entrepreneurship 2) Different types of Business Organisations 3) Joint stock company and the procedure of incorporation	1) Students learn about relationship between trade industry and commerce 2) Students learn how to start Business 3) Select the best type of organisation based on the resources at their disposal 3) Acquire knowledge how to register a company with necessary documents
SEM 2 DSC 2B	Business Environment	Explanation of 1) Different types of Business environment 2) factors influencing balanced growth 3) Niti ayog, New economic reforms and	1) Awareness of legal, political, economic cultural, demographic environment of Business 2) Learn about objectives of Niti Ayog and licensing of industries 3) Learn about budget allocation to various sectors and how

		New industrial policy 4) Importance of Union Budget	budgets are utilised .
SEM 3 DSC 2C	Business statistics	Explanation of 1)Importance of statistics and diagrammatic representation 2)Different types of averages 3)Dispersion methods 4)Measures of relation 5)Analysis of Time series and index numbers	1) Learn application of statistics in daily life and in Research and how to present it through diagrams through Excel. 2) Learn how to apply dispersion methods taken from different averages like mean median and mode 3)Expereinx with given variables what is the relationship between them and to find out the dependent variables which is useful for forecasting demand 4) Know to calculate trend and seasonal variations in products 5) Practical knowledge of construction of index numbers which is useful in daily life for evaluation of cost of living and curb inflation .
SEM 4 DSC 1D	Accounting for Service organisations	Explanation of 1)Service organisations and Sec 8 of companies Act 2)Accounting of electricity. Bank, life insurance and General Insurance accounts	1) Learn how to register service organisations under sec 8 of companies act 2013 2)Gain knowledge in accounting of electricity, Bank ,insurance. 3)Acquire practical skills to prepare the required schedules
SEM 5	Commercial geography	Explanation of 1)About how earth was	1) Knox about the latitudes and longitudes and different layers of

DSC 3E		<p>formed 2)Agriculture ,different types of soils</p> <p>3)Food and non food crops , Problems of Agriculture</p> <p>4)Forest acts, Minerals and mining</p> <p>5)Water resources and interlinking of rivers</p>	<p>atmosphere</p> <p>2)Acquire knowledge about suitable soils for agriculture produce</p> <p>3)Experince how to overcome problems in agriculture</p> <p>4) Learn about minerals and their uses in various industries</p> <p>5) Learn about Rivers flowing in our country and interlinking of rivers between states</p>
SEM 5 DSC 3F	Central banking	<p>Explanation of</p> <p>1)Evolution of central bank development and trends</p> <p>2)Interface between RBI and banks Monetary and credit policies ,Inflation and price control by RBI</p> <p>3))Basel ,Prudential norms</p>	<p>1) Students learn how central banks play an important role in development of economy</p> <p>2) Learn how RBI plays the role of controlling the money circulation in economy</p> <p>3) Study International Basel norms in functioning of banks and also the Prudential norms of RBi</p>
SEM 6 DSC 3G	Management Accounting	<p>Explanation of</p> <p>1)Analysis of financial statements ,Ratio analysis</p> <p>2)Funds and cash flow</p> <p>3)Break even analysis</p>	<p>1) Students learn how to analyse the financial statements</p> <p>2)Gain knowledge by calculating various current, leverage. profitablilty .turnover ratios.</p> <p>3) How to interpret the performance of companies and improve their financial position and take measures</p> <p>3) Gain decision making skills to buy or make the product, continue or stop producing loss making units</p>

SEM 6 DSC 3H	Financial services	<p>Explanation of</p> <p>1)Difference between banking and nonbanking companies 2)Fund based and fee based activities 3)Venture capital and Demat services Leasing and hire purchase 5)Credit rating of companies 6)Factoring and forfaiting</p>	<p>1)Students acquire knowledge about the functions of banking and nonbanking companies registration, Acts etc</p> <p>2) know about financial institutions which support and finance new projects</p> <p>3) Experience how to open demat account and how to invest in markets</p> <p>4) Acquire skills how to get advances by discounting of bills through banks and factors</p>
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2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes re evaluated by the institution:

Response :

Attainment of POs, PSOs and COs by SGA Govt. Degree College, Yellamanchili

After the completion of graduation, the student is expected to acquire certain qualities during or after completion of program, are referred as Program outcomes (POs) and Program specific outcomes (PSOs).

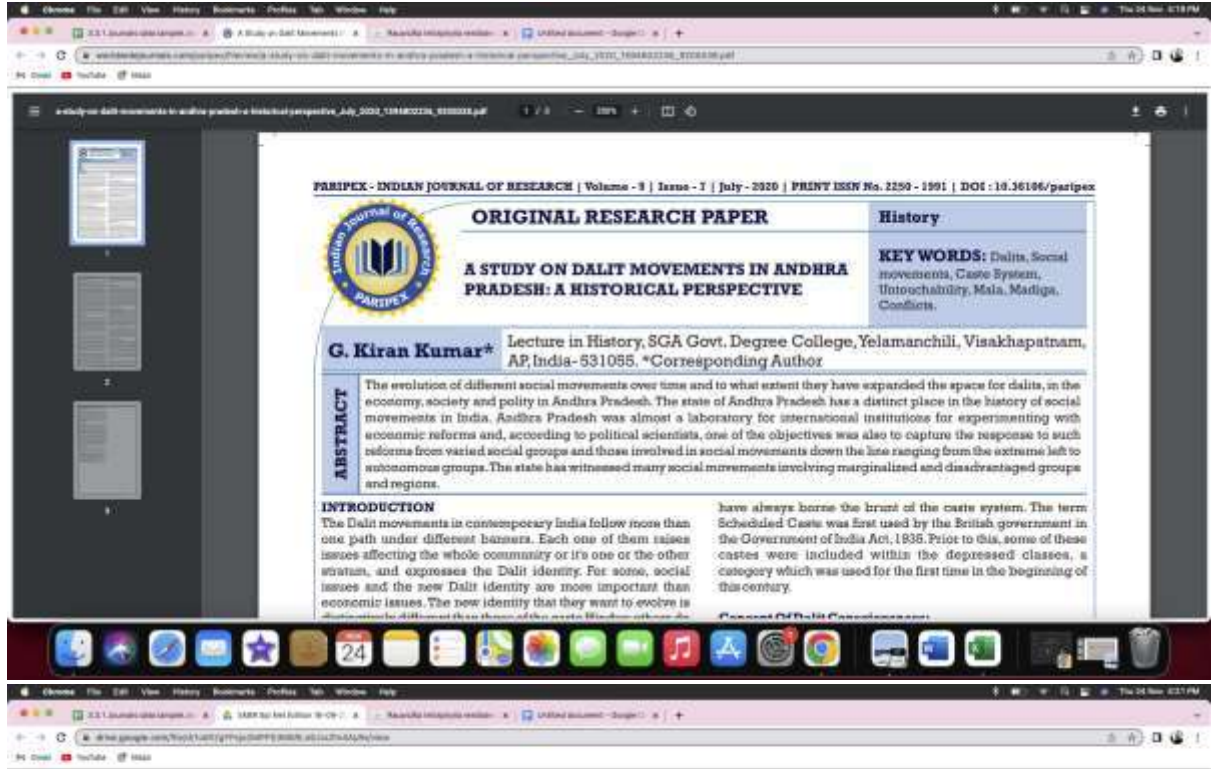
Whatever the course outcomes are mapped to the POs/PSOs are used to provide the quantitative measurement in successful achievement of POs .

At the end of each program , POs/PSOs attainment is calculated from CO attainment of all courses in a program.

The level of course attainment is compared in each course with predefined targets. If not, the course Co-ordinator or instructor takes necessary measures for improvement to reach the target. With the help of CO against PO/PSO mapping, the PO attainment is calculated.

PO attainment for 2017-2022 graduated batches for each program is calculated and few are presented here.

Programs	Assessment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.Sc (MPC)	DA	94.15	92.35	92.65	92.82	92.75	92.37	92.65	92.51
	IA	92.76	91.19	91.37	91.66	91.19	91.28	91.39	91.37
	FA	90.90	90.24	90.68	90.54	90.96	90.37	90.46	90.28
B.Sc (MPCs)	DA	95.28	91.55	95.37	94.87	93.75	94.62	93.57	93.90
	IA	91.54	90.71	91.58	92.63	92.59	91.47	91.64	91.72
	FA	89.47	89.37	89.71	89.52	89.60	89.58	89.47	89.36
B.Sc (CBZ)	DA	98.27	98.36	98.67	98.80	98.19	97.66	98.65	98.43
	IA	97.69	97.17	97.29	97.54	97.83	96.73	97.48	97.27
	FA	96.87	96.58	96.22	96.47	96.84	96.65	96.53	96.38
BA (HERI)	DA	99.89	99.27	99.88	98.66	99.37	99.84	99.55	99.62
	IA	100	99.10	99.57	98.95	99.71	99.79	99.34	99.70
	FA	100	99.32	99.49	99.56	99.90	99.64	99.79	99.51
B.Com (General)	DA	98.90	99.53	98.64	99.54	99.75	99.58	99.89	99.57
	IA	96.58	97.46	98.53	99.62	98.67	99.54	99.78	99.69
	FA	100	98.80	98.27	98.99	99.35	99.49	99.74	99.68
M.Com	DA	97.55	94.59	95.76	95.64	95.88	95.75	95.37	95.53
	IA	94.69	93.76	94.25	93.73	94.62	93.42	93.35	93.47
	FA	92.85	92.67	92.72	92.48	92.59	92.83	92.37	92.58



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భావవేణ

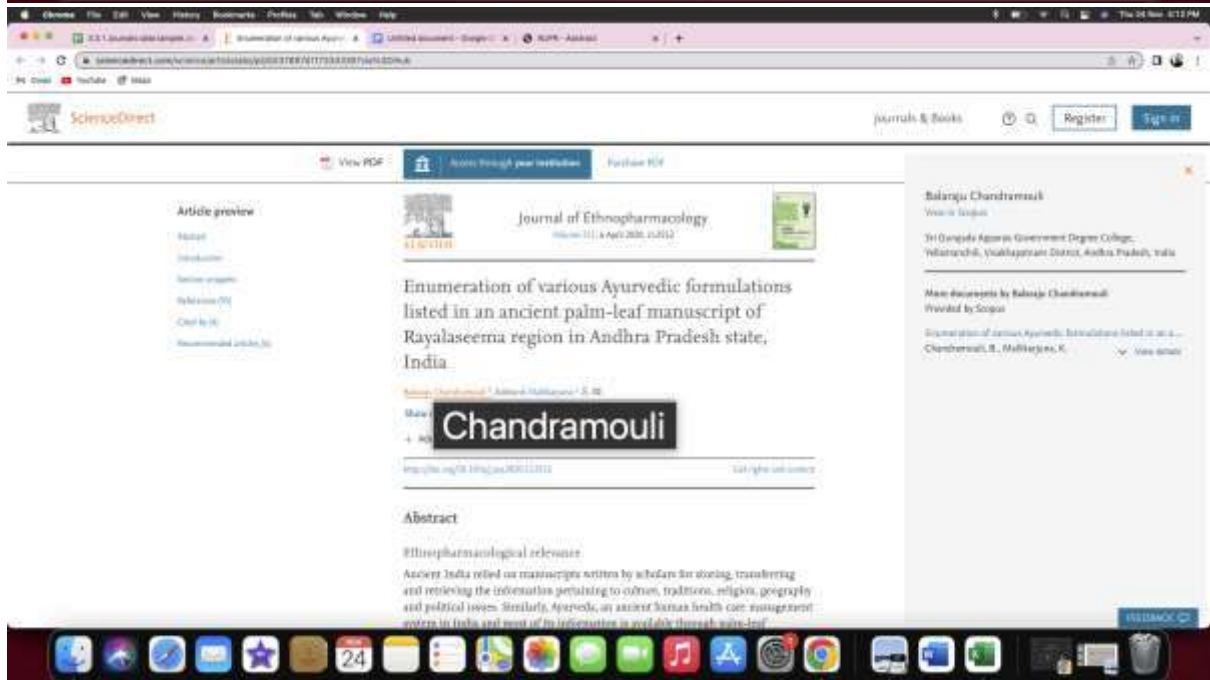
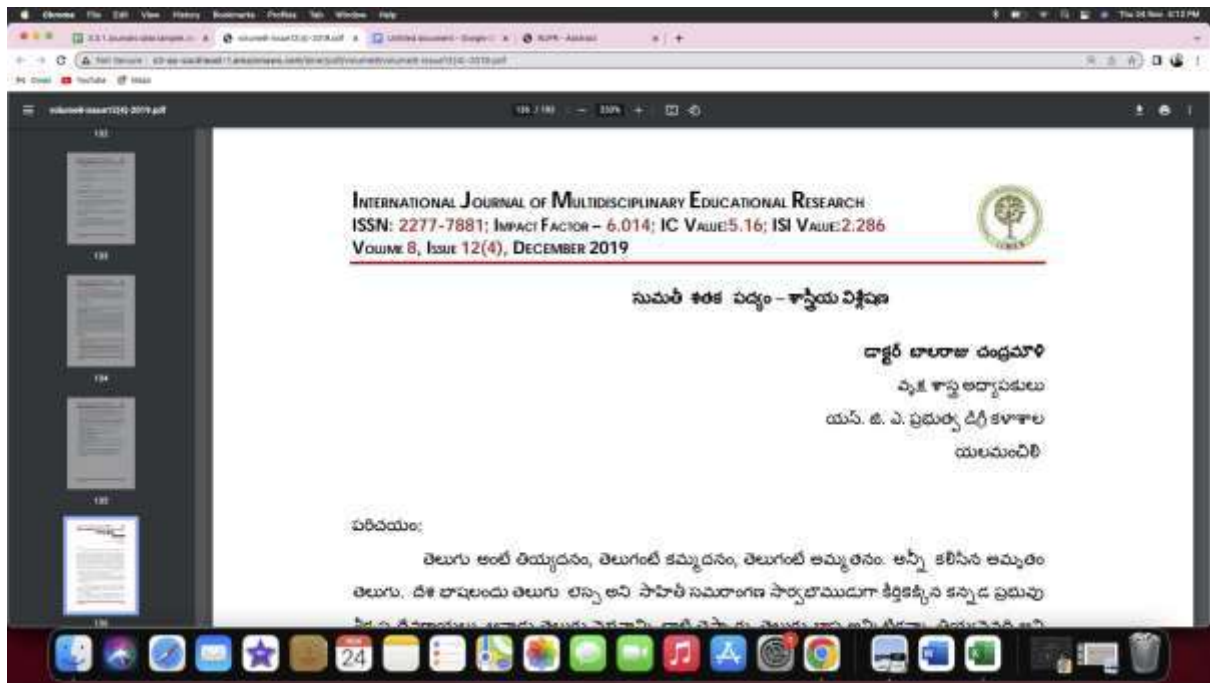
UGC CARE List Group - 1 Journal
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ఆంధ్ర మహాభారతంలో సామాజిక సంక్షేమ అంశాలు

- బి.వి. సత్యకెరెయణ, తెలుగు అధ్యాపకుడు, శ్రీ గురజాడ అప్పారావు ప్రభుత్వ డిగ్రీ కళాశాల,
ఎలమంచిలి, అనకాపల్లి జిల్లా.

“దేశమంటే మట్టికాయ
దేశమంటే మనుషులాయ్” అన్నాడు గురజాడ.
దేశమంటే మనుషులు - ప్రజలు. ఇలాంటి ప్రజలకో
కూడుకున్నదే సమాజం. సమాజంలో ఇద్దరిని మించి
ఎంతమందైనా (ఎన్ని కోట్లమందయినా) ఉండవచ్చు.

రంతిదేవుడు, బలిచక్రవర్తి, శివ చక్రవర్తుల వంటి వారి
గురించి మంచిగా చెప్పుకుంటే హిరణ్యకశిప, హిరణ్యకుల
గురించి చెడ్డగా చెప్పుకుంటారు. అయితే వీరందరూ
పురాణాదులలో పేర్కొనబడినవారు. పురాణ విషయాలను
అంగీకరించే విషయంలో అనేకులకు సందేహాలున్నాయి.



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WORLD JOURNAL OF PHARMACEUTICAL RESEARCH
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PHYTOCHEMICAL AND ANTIMICROBIAL INVESTIGATIONS OF METHANOLIC SEED EXTRACT OF BLACK RICE (*ORYZA SATIVA* L.) MENTIONED IN AN ANCIENT PALM LEAF MANUSCRIPT (TALAPATRA).

B. Chandramouli¹, M. Madhavi Latha², K. Narendra² and K. Mallikarjuna^{2*}

¹ Sri Gurajada Appa Rao Government Degree College, Yellamanchili, Visakhapatnam District, Andhra Pradesh.

² Department of Botany and Microbiology, Acharya Nagarjuna University, Nagarjuna Nagar- 522510, Guntur, Andhra Pradesh, India.

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ABSTRACT

భావవీణ ప్రత్యేక సంచిక - అక్టోబర్ 2020
ISSN No. : 2456-4702 - RNI No. APTEL/2003/12253

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UGC CARE - Journal - Arts & Humanities, SI. No. : 35

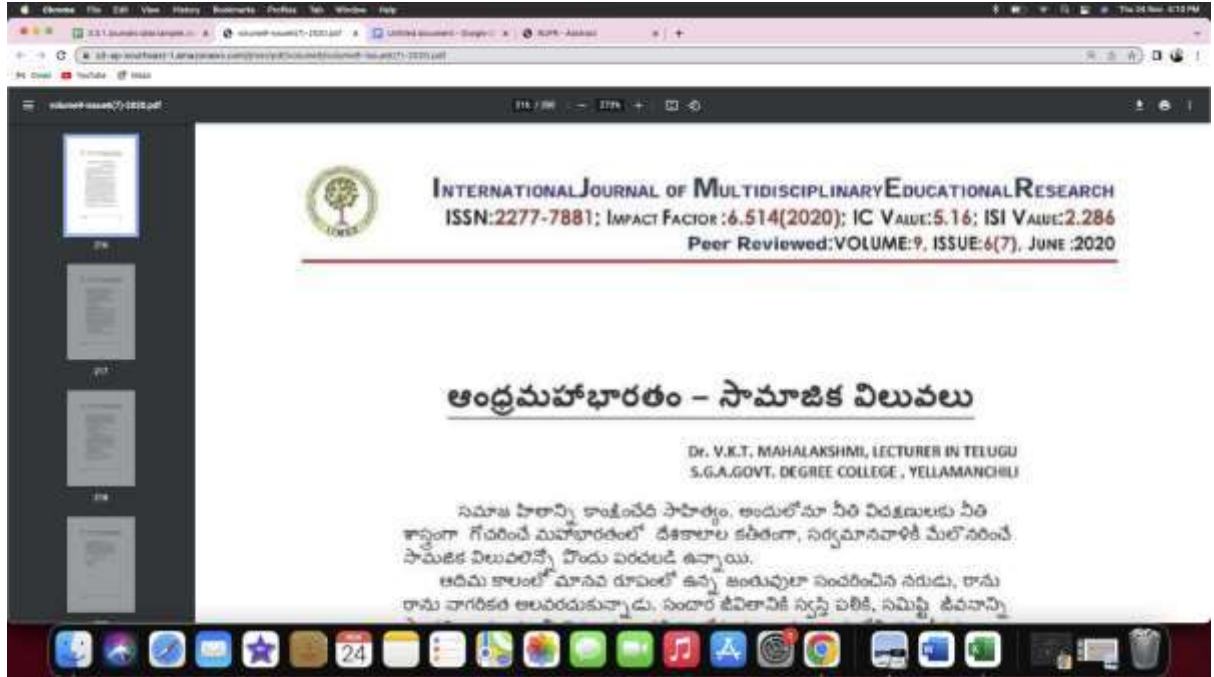
కొనారా పారాదీక కథాగేయంలో నారదపాత్ర

- డా॥ బి.కె.బి. మహాలక్ష్మి, సహాయ ఆచార్యులు, శ్రీ గురజాడ అప్పారావు ప్రభుత్వ డిగ్రీ కళాశాల, యలమంచిలి.

నారదుని పేరు తెలుగువారికి సుపరిచితం. ఆ పేరు వింటే చాలు హాస్యభరితమైన మోముపై నవ్వులు విరబూస్తాయి. పారాదీక గాథల్లో నారదపాత్రకు ఒక ప్రత్యేకత ఉంది. త్రిలోక సంచారియైన నారదుడు కలహానియ్యదు, వ్యక్తులమధ్య కలహాలు కల్పించి అనందించే

"ఒకనాడు నారమండోయ్యన కంసుని యింటికి జనులెంచి యేకతమున"

కొనారా జానపద కథాగేయంలో నారదుడు ఎరుకకలామారి కంసుడి మదమడిచేవారు నీ గర్వాన జన్మస్థానని ద్రవ్యదీప్తికి పొంది చెబుతారు.





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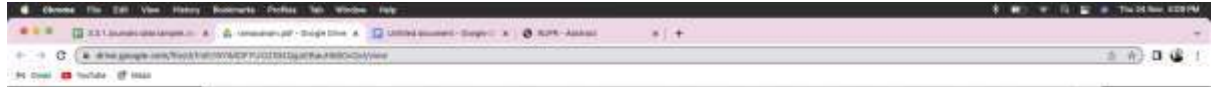
కేనాథు చెప్పిన కథలు మరియు చేసేత వృత్తి వారి పెతలు

Dr.V.K.T.MAHALAKSHMI, TELUGU LECTURER

S.G.A.GOV'T DEGREE COLLEGE, YELLAMANCHILI.

తెలుగులో జానపద విజ్ఞానం శాఖలగా విస్తరించింది. వాటిలో జానపద సాహిత్యం ఒకటి. జానపద గీయాలు, జానపద కథలు, సామెతలు, పొడుపు కథలు మొదలైనవి ఈ కోవకు చెందుతాయి. ఒక వైపు ఆస్థాన సాహిత్యం రాజాస్థానాలలో సీరాసవాలు అందుకుంటుంటే, మరోవైపు సామాన్య జనుల కళారూపు జానపద సాహిత్య ఆవిర్భావానికి మూలమైంది.

ఆస్థానం సాహిత్యం సంస్కృత సాహిత్యాన్ని అనుసరించింది, అనువదించింది. చాస్తవికతను విస్మరించి



పత్ర సమర్పణ :
డా॥ వి.కె.టి. మహాలక్ష్మి
తెలుగు ఉపన్యాసకులు
శ్రీగురజాడ అప్పారావు ప్రభుత్వ డిగ్రీ కళాశాల,
యలమంచిలి.

ఉపయోగ గ్రంథాలు :

1. రంగనాథ రామాయణం,
ప్రచురణ - తెలుగు విశ్వవిద్యాలయం
2. తెలుగు సాహిత్య చరిత్ర
డాక్టర్ ద్వారా. శాస్త్రి
3. వాల్మీకి రామాయణము
ఉప్పలూరి కామేశ్వరరావు



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Abstract

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Keywords

1. Introduction

2. Experimental

3. Results and discussion

4. Evaluation of α -hydroxyacid to α -hydroxyester using A...

5. Anticatalytic activity

6. Antibacterial activity

7. Conclusion

Acknowledgment

Appendix A. Supplementary data

Research data

References

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Cited By (40)

South African Journal of Chemical Engineering

Volume 20, December 2018, Pages 26–34

A Facile plant mediated synthesis of silver nanoparticles using an aqueous leaf extract of *Ficus hispida* Linn. f. for catalytic, antioxidant and antibacterial applications

A.V. Ramesh^a, Dharmasoth Rama Devi^b, Satish Mohan Botsa^b, K. Basavaiah^a, B. S.

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Keywords: Silver nanoparticles; *Ficus hispida*; Catalytic; Antioxidant; Antibacterial

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A Facile green mediated synthesis of silver nanoparticles using the leaf extract of *Ficus hispida* Linn. f. for catalytic, antioxidant and antibacterial applications

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Facile green synthesis of Fe_3O_4 nanoparticles using aqueous leaf extract of *Zanthoxylum armatum* DC

JAsCerS

Journal of Asian Ceramic Societies

ISSN (Print) 2187-0764 (Online) journal homepage: <https://www.tandfonline.com/tol/jace20>

Facile green synthesis of Fe_3O_4 nanoparticles using aqueous leaf extract of *Zanthoxylum armatum* DC. for efficient adsorption of methylene blue

A. V. Ramesh, Dharmasoth Rama Devi, Satish Mohan Botsa & K. Basavaiah

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S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



NAAC Peer Team Recommendations and Action Taken

S. No	Recommendations made	Recommendations fulfilled
1	Starting job-oriented PG Courses in the already existing disciplines	Started M.Com & M.Sc (Organic Chemistry) Courses.
2	Establishing a common computer lab and make every student computer savvy and more computers be added	JKC, Computer labs were established to make every student computer savvy.
3	ICT thrust in Teaching-Learning process by the effective utility of the e-resources, usage of open access sources be encouraged	3 digital classrooms and 1 virtual classroom were established. Upgraded internet bandwidth up to 200mbps
4	Attempts may be made to use ICT in Assessment and Evaluation process and established Smart Classrooms	We are posting internal marks in the university website. Results are also declared in the university website. Revaluation requests are made through college login ID.
5	Improving the qualifications of teaching Staff as per UGC / API norms	80% of regular lecturers having the qualification as per UGC/ API norms.
6	Promoting Research culture by applying to major and minor research projects to get more extramural funding and publish in impact factor journals	1 minor research project was sanctioned to Physics department in 2018
7	Effective utilization of the Alumni and the PTA for the infrastructural facilities be made.	Registered alumni is present in this college. Periodical meetings are conducted and efforts are made for fundraising.
8	Establishing Institution-Institution and Institution-Industry interface for effective collaborations	Institution-Institution and Institution-Industry interface for effective collaborations are established.

9	Spoken Communicative English and competitive examinations coaching classes be started.	Through JKC and skill development centre our college offering spoken and communicative English. Through the career guidance cell our college offering coaching for competitive and PG entrance exams.
10	Total e-Governance through MIS need to be established.	Commissionerate of Collegiate Education established a Management information system and colleges corresponding through the MIS regarding college administrative and academic matters
11	Perspective Plan to get college for excellence and autonomy can be formulated	An attempt was made by the college to get autonomy status.
12	Faculty development initiatives need to be encouraged	Faculty members are encouraged to participate in FDPs.