



S.V.M.V.V. Society's

S. V. M. ARTS, SCIENCE AND COMMERCE COLLEGE ILKAL - 587125

Dist: Bagalkote Karnataka

ACCREDITED WITH 'A' LEVEL BY NAAC Under CGPA 3.04

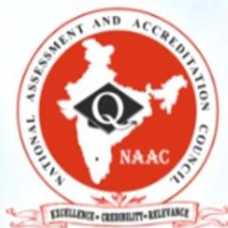
(Affiliated to Rani Channamma University, Belagavi, Centre Code: 6218)

ANNUAL QUALITY ASSURANCE REPORT (AQAR)



CRITERIA - 1

1.1.1 - The Institution ensures effective curriculum delivery



Submitted To

NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
BENGALURU

2022-23

1.1.1 - The Institution ensures effective curriculum delivery through a well-planned and documented process

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1. Learning Outcomes-based Curriculum Framework for Undergraduate Education (LOCF)

The overall objectives of the learning outcomes-based curriculum framework are to:

- help formulate graduate attributes, qualification descriptors, programme learning outcomes and course learning outcomes that are expected to be demonstrated by the holder of a qualification;
- enable prospective students, parents, employers and others to understand the nature and level of learning outcomes (knowledge, skills, attitudes and values) or attributes a graduate of a programme should be capable of demonstrating on successful completion of the programme of study;
- maintain national standards and international comparability of learning outcomes and academic standards to ensure global competitiveness, and to facilitate student/graduate mobility;
- and provide higher education institutions an important point of reference for designing teaching-learning strategies, assessing student learning levels, and periodic review of programmes and academic standards.

2. Key outcomes underpinning curriculum planning and development

The learning outcomes-based curriculum framework for undergraduate education is a framework based on the expected learning outcomes and academic standards that are expected to be attained by graduates of a programme of study and holder of a qualification. The key outcomes that underpin curriculum planning and development at the undergraduate level include Graduate Attributes, Qualification Descriptors, Programme Learning Outcomes, and Course Learning Outcomes:

3. Graduate attributes

the graduate attributes reflect the particular quality and feature or characteristics of an individual, including the knowledge, skills, attitudes and values that are expected to be acquired by a graduate through studies at the higher education institution (HEI) such as a college or university. The graduate attributes include capabilities that help strengthen one's abilities for widening current knowledge base and skills, gaining new knowledge and skills, undertaking future studies, performing well in a chosen career and playing a constructive role as a responsible citizen in the society. The graduate attributes define the characteristics of a student's university degree programme(s), and describe a set of characteristics/competencies that are transferable beyond study of a particular subject area and programme contexts in which they have been developed. Graduate attributes are fostered through meaningful learning experiences made available through the curriculum, the total college/university experiences and a process of critical and reflective thinking.

4. Program Outcomes, Program Specific Outcomes and Course Outcomes (POs, PSOs, COs)

The POS, PSOS and COS are the objectives of the university programs and courses. Each program has its own learning outcomes of programs and courses. Every department prepares conspectus. Departments display POS, PSOs, Cos on the college website.

Program Outcomes, Course Outcomes and their importance are communicated to

- Teachers in IQAC meeting and staff meeting.
- Students, in Induction/orientation program and also in respective classes.
- Stake holders through college website.

Each department discusses these PSOs and COs in their department meeting before the commencement of each semester. The possible ease or difficulties in the attainment of these outcomes are also considered.




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PROGRAM OUTCOMES OF THE ARTS FACULTY

NAME OF THE PROGRAM PROGRAM OUTCOMES	NAME OF THE PROGRAM PROGRAM OUTCOMES
BACHELOR OF ARTS	<p>After the completion of three years program in Bachelor of Arts (B. A.) the students could be able to gain:</p> <ol style="list-style-type: none"> 1. Learn to apply ethical principles and become committed to professional ethics and responsibilities. 2. Socio scientific approach through literature enables to move forward from local to Global. 3. Acquiring enhanced vocabulary makes them good communicator, civilians and patriotic. 4. Developing Knowledge, analytical skills and reasoning for problem solving and decision making. 5. Communicate concepts and information clearly and in various formats (oral, visual, written, etc.) 6. Practice creative thinking and expression. 7. Collaborate respectfully with others, individually and in teams.




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PROGRAM OUTCOMES OF THE SCIENCE FACULTY

NAME OF THE PROGRAM PROGRAM OUTCOMES	NAME OF THE PROGRAM OUTCOMES
BACHELOR OF SCIENCE	<p>After the completion of three years program in Bachelor of Science (B.Sc.) the students could be able to gain:</p> <ol style="list-style-type: none">1. Acquired the knowledge with facts and figures related to various subjects in basic sciences2. Understood the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life3. Acquired the skills in handling scientific instruments, planning and performing in laboratory experiment.4. Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.5. Enhancement of problem solving, critical thinking and analytical reasoning to boost the students with new syllabus.6. Demonstrate basic analytical skills in algebra, aptitude, reasoning, and coding.7. Understand, formulate and use quantitative models arising in social science, business and other contexts.8. Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.9. Students will establish themselves as effective professionals by solving real problems through the use of computer science knowledge and with attention to team work, effective communication, critical thinking and problem-solving skills10. Students will develop professional skills that prepare them for.




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PROGRAM OUTCOMES OF THE COMMERCE FACULTY

NAME OF THE PROGRAM PROGRAM SPECIFIC OUTCOMES	NAME OF THE PROGRAM PROGRAM SPECIFIC OUTCOMES
BACHELOR OF COMMERCE	<p>The students could possess the knowledge, skills and attitudes during their B.com degree course. By virtue of the training and learning, they could become eligible job hunters in government and private sectors. Even they could become successful businessmen or self-employed in their career.:</p> <ol style="list-style-type: none"> 1. An inclination towards lifelong learning and acquiring contemporary knowledge. 2. Students have a greater number of alternatives to pursue professional and traditional courses such as CA, CS, CWA, CMA, MBA, M. Com, B.Ed. etc. for academic progressions. 3. Students will be able to pursue their career in higher education, advance research and career specific programs in the field of commerce and finance. 4. Students will be able to get employment opportunities in functional areas like taxation, accounting, auditing, banking, BPOs, KPOs, insurance etc. 5. Students will acquire managerial skill like communication, decision making, problem solving etc in day-to-day business affairs. 6. Students will acquire theoretical and practical knowledge for performing various business activities. 7. Take independent decisions in economic and social aspects of life. 8. Acquire jobs in different sectors such as banking, industry, insurance companies, defences, CSO, NSSO, planning department etc. 9. Pursue post-graduation degree such as MBA, MSW and law degree. 10. Start own entrepreneurship.




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PROGRAM OUTCOMES OF M.A., M.SC. & M.COM.

NAME OF THE PROGRAM	PROGRAM OUTCOMES
MASTER OF COMMERCE, MASTER OF SCIENCE & MASTER OF ARTS	<p>After the completion of TWO years program in Master of Arts Science & Commerce the students could be able to gain:</p> <ol style="list-style-type: none"> 1. The degree leads to the comprehensive knowledge of the subject. 2. Students can write competitive examinations like UGC-NET, SLET, M.Phil., Ph.D. and can get the job of assistant professors at colleges and universities. 3. Subject knowledge helps them to pursue their career in the field of education, translation, research, teaching, freelancing, management, creative writing, editing, banking, publication, and journalism. 4. Master Degree helps students getting through the competitive exams. 5. Know when there is a need for information, to be able to identify, locate, evaluate and effectively use that information for the issue or problem at hand. 6. Acquire good knowledge and understanding in advanced areas of mathematics chosen by the student from the given courses. 7. Understand, formulate and use quantitative models arising in social science, business and other contexts. 8. Formulate and develop mathematical arguments in a logical manner. 9. Impart the students with higher level knowledge and understanding of contemporary trends in commerce and business finance. 10. Enable the students for an in-depth analysis of investment, portfolio management, investment banking and liquidation of investments. 11. Facilitate the students to apply capital budgeting techniques for investment decisions. 12. Provide guidance to students to plan and undertake independent research in chosen area of knowledge




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S.V.M ARTS SCIENCE AND COMMERCE COLLEGE ILKAL-587125
DEPARTMENT OF PHYSICS
ADVANCED LEARNERS B.Sc III AND IV SEM 2022-23

S.L.No	REG NO	STUDENT NAME	TOTAL MARKS /150
1	U15IQ21S0001	ASHA MALLAPPA HOLI	111
2	U15IQ21S0007	VAISHNAVI KULKARNI	146
3	U15IQ21S0009	BHEEMAMMA MAHANATESH BANDI	142
4	U15IQ21S0023	RUSHSEKHAR	123
5	U15IQ21S0072	SHIVALEELA KALLANAGOUDA VANAGERI	143
6	U15IQ21S0105	MADHU NAGARAJ KARLI	133
7	U15IQ21S0144	BHAGYASHRI NEKAR	147

S.V.M ARTS SCIENCE AND COMMERCE COLLEGE ILKAL-587125
DEPARTMENT OF PHYSICS
ADVANCED LEARNERS B.Sc I AND II SEM 2022-23

S.L.No	REG NO	STUDENT NAME	TOTAL MARKS /100
1	U15IQ22S0011	HARSHITA VIJAYENDRA KULAKARNI	92
2	U15IQ22S0014	TIPPANNA YALLAPPA KODATAGERI	100
3	U15IQ22S0024	MOHAMMADKAIF KHAJAHUSEEN TAHASILDAR	90
4	U15IQ22S0026	AMARANATH MALLANNA HULI	84
5	U15IQ22S0043	REKHA SIDDAPPA MEGALAMANI	82
6	U15IQ22S0054	SAHANA DEVARAJ NAGALIKAR	84
7	U15IQ22S0064	MARUTHI MARIYAPPA GUDIMANI	95
8	U15IQ22S0066	UDAYAKUMAR DEVANNA KANNAL	82




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DEPARTMENT OF PHYSICS
ADVANCED LEARNERS B.Sc V AND VI SEM 2022-23

Sl No	REG NO	STUDENT NAME	TOTAL MARKS /150
1	S2042026	BHAVANA A ILIGER	130
2	S2042048	HARISHKUMAR M METI	136
3	S2042050	IRAMMA I ANGADI	130
4	S2042053	JYOTI H GOUDAR	131
5	S2042054	JYOTI S PALLED	126
6	S2042055	KAVERI R GOTUR	139
7			
8			
9			
10			

[Signature]
Principal
S.V.M. Arts, Science and
Commerce College, ILKAL

[Signature]
Head Of the Physics Department
S.V.M. Arts, Science & Commerce
College, ILKAL- 587125

S.V.M ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL-587125

DEPARTMENT OF PHYSICS

Staff incharge: *B.M. Nadaf* ATTENDACE FOR ADVANCE LEARNERS B.Sc I AND II SEMESTER 2022-23 Time: 12.30 to 2.30 pm.

SL NO	REG NO	NAME	DATE 15/11	DATE 22/11	DATE 6/12	DATE 20/12	DATE 27/1	DATE 7/5	DATE 13/6	DATE 27/6	DATE 4/7
1	U15IQ22S0011	HARSHITA VIJAYENDRA KULAKARNI	1	2	3	4	5	6	7	8	9
2	U15IQ22S0014	TIPPANNA YALLAPPA KODATAGERI	1	2	3	4	5	6	7	8	
3	U15IQ22S0024	MOHAMMADKAIF KHAJAHUSEEN TAHASILDAR	1	2	3	3	4	5	6	6	7
4	U15IQ22S0026	AMARANATH MALLANNA HULI	1	1	2	3	4	5	6	7	8
5	U15IQ22S0043	REKHA SIDDAPPA MEGALAMANI	1	2	3	4	5	6	7	8	9
6	U15IQ22S0054	SAHANA DEVARAJ NAGALIKAR	1	2	3	4	4	5	6	7	8
7	U15IQ22S0064	MARUTHI MARIYAPPA GUDIMANI	1	2	3	3	6	5	5	6	7
8	U15IQ22S0066	UDAYAKUMAR DEVANNA KANNAL	1	1	2	3	6	5	6	7	8

B.M.
(B.M. Nadaf)

[Signature]
Principal
S.V.M. Arts, Science and
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[Signature]
Head Of the Physics Department
S.V.M. Arts, Science & Commerce
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[Signature]
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S.V.M. Arts, Science and
Commerce College, ILKAL

Staff incharge: A. S. Hegde

S.V.M ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL-587125
DEPARTMENT OF PHYSICS
ATTENDANCE FOR ADVANCE LEARNERS B.Sc I AND II SEMESTER 2022-23

Time: 10:30 AM to 1:30 PM

SL NO	REG NO	NAME	DATE 15/11	DATE 22/11	DATE 29/11	DATE 6/12	DATE 13/12	DATE 20/12	DATE 27/12	DATE 3/1	DATE 10/1	DATE 17/1	DATE 24/1
1	U15IQ2250001	ASAD BALLEPPU HOSI	1	2	3	4	5	6	7	8	9	10	11
2	U15IQ2250002	VISHVAAS KUSURJI	1	2	3	4	5	6	7	8	9	10	11
3	U15IQ2250003	SHRITHANUVAH KARANATHA SURESH	1	2	3	4	5	6	7	8	9	10	11
4	U15IQ2250004	RAJESH K	1	2	3	4	5	6	7	8	9	10	11
5	U15IQ2250005	SHIVULELLI KALLARAGUDUN SURESH	1	2	3	4	5	6	7	8	9	10	11
6	U15IQ2250006	MAHESH KADAPA SURESH	1	2	3	4	5	6	7	8	9	10	11
7	U15IQ2250007	SHRIVANSHI SURESH	1	2	3	4	5	6	7	8	9	10	11

(A. S. Hegde)

Principal
S.V.M. Arts, Science and
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Head Of the Physics Department
S.V.M. Arts, Science & Commerce
College, ILKAL-587125

Staff incharge: Anshu B. M. Nadaf

S.V.M ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL-587125
DEPARTMENT OF PHYSICS
ATTENDANCE FOR ADVANCE LEARNERS B.Sc I AND II SEMESTER 2022-23

Time: 12:30 to 2:30 PM

SL NO	REG NO	NAME	DATE 15/11	DATE 22/11	DATE 29/11	DATE 6/12	DATE 13/12	DATE 20/12	DATE 27/12	DATE 3/1	DATE 10/1	DATE 17/1	DATE 24/1
1	U15IQ2250011	STUDENT NAME											
2	U15IQ2250014	SHAKSHITA VIJAYENDRA KULAKARNI	1	2	3	4	5	6	7	8	9	10	11
3	U15IQ2250024	TIPPANNA YALLAPPA KODATAGERI	1	2	3	4	5	6	7	8	9	10	11
4	U15IQ2250026	MOHAMMADKAIIF KHAJAHUSEEN	1	2	3	4	5	6	7	8	9	10	11
5	U15IQ2250043	TAHASSIL DAR	1	2	3	4	5	6	7	8	9	10	11
6	U15IQ2250054	AMARANATH MALLANNA HULI	1	2	3	4	5	6	7	8	9	10	11
7	U15IQ2250064	REKHA SIDDAPPA MEGALAMANI	1	2	3	4	5	6	7	8	9	10	11
8	U15IQ2250066	SAHANA DEVARAJ NAGALIKAR	1	2	3	4	5	6	7	8	9	10	11
		MARUTHI MARIYAPPA GUDIMANI	1	2	3	4	5	6	7	8	9	10	11
		UDAYAKUMAR DEVANNA KANNAL	1	2	3	4	5	6	7	8	9	10	11

(Anshu B. M. Nadaf)

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S.V.M ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL-587125
DEPARTMENT OF PHYSICS

Staff Incharge: Mrs. B.M. Nadaf ATTENDANCE FOR ADVANCE LEARNERS B.Sc I AND II SEMESTER 2022-23 Time: 12.30 to 2.30 pm.

SL NO	REG NO	NAME	DATE 15/11	DATE 22/11	DATE 6/12	DATE 20/12	DATE 3/1	DATE 7/5	DATE 13/6	DATE 27/6	DATE 10/7
1	U15IQ22S0011	HARSHITA VIJAYENDRA KULAKARNI	1	2	3	4	5	6	7	8	9
2	U15IQ22S0014	TIPPANNA YALLAPPA KODATAGERI	1	2	3	4	5	6	7	8	9
3	U15IQ22S0024	MOHAMMADKAIF KHAJAHUSEEN TAHASILDAR	1	2	3	3	4	5	6	6	7
4	U15IQ22S0026	AMARANATH MALLANNA HULI	1	1	2	3	4	5	6	7	8
5	U15IQ22S0043	REKHA SIDDAPPA MEGALAMANI	1	2	3	4	5	6	7	8	9
6	U15IQ22S0054	SAHANA DEVARAJ NAGALIKAR	1	2	3	4	4	5	6	7	8
7	U15IQ22S0064	MARUTHI MARIYAPPA GUDIMANI	1	2	3	3	6	5	5	6	8
8	U15IQ22S0066	UDAYAKUMAR DEVANNA KANNAL	1	1	2	2	6	5	6	7	8

B.M.
(B.M. Nadaf)

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Head Of the Physics Department
S.V.M. Arts, Science & Commerce
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S.V.M ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL-587125
DEPARTMENT OF PHYSICS

Staff Incharge: P.D. Ekbote ATTENDANCE FOR ADVANCE LEARNERS B.Sc V AND VI SEMESTER 2022-23 Time: 1.20 to 2.20 pm.

SL NO	REG NO	NAME	DATE 29/11	DATE 14/12	DATE 29/12	DATE 6/1	DATE 20/1	DATE 2/5	DATE 15/6	DATE 27/6	DATE 10/7
1	S2042026	BHAVANA A ILIGER	1	2	3	4	5	6	7	8	9
2	S2042048	HARISHKUMAR M METI	1	2	3	4	5	6	7	8	9
3	S2042050	IRAMMA I ANGADI	1	2	2	3	4	5	6	7	8
4	S2042053	JYOTI H GOUDAR	1	2	3	4	5	6	7	8	9
5	S2042054	JYOTI S PALLED	1	2	3	4	5	6	7	8	9
6	S2042055	KAVERI R GOTUR	1	2	3	4	5	6	7	8	9
7											
8											
9											
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P.D.
[P.D. Ekbote]

Principal
S.V.M. Arts, Science and
Commerce College, ILKAL

Head Of the Physics Department
S.V.M. Arts, Science & Commerce
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S.V.M ARTS SCIENCE AND COMMERCE COLLEGE ILKAL-587125
DEPARTMENT OF PHYSICS
SLOW LEARNERS B.Sc I AND II SEM 2022-23

SLN 0	REG NO	STUDENT NAME	TOTAL MARKS /100
1	U15IQ22S0009	POOJA SHARANAPPA AGASIMUNDIN	58
2	U15IQ22S0027	SIVARAJ SANGAPPA NAGARALA	56
3	U15IQ22S0031	SIVAPNA SHANKARGOUDA HOSAMANI	52
4	U15IQ22S0070	NINGAMMA CHANNAPPA HIREMANI	56
5	U15IQ22S0076	SACHIN GATTI	47
6	U15IQ22S0078	VENKATESH HANUMAPPA BANDARAGAL	59
7	U15IQ22S0082	AFFAN KALABURAGI	48
8	U15IQ22S0085	PRUTHVI NAGANAGOUDA GOUDAR	59

S.V.M ARTS SCIENCE AND COMMERCE COLLEGE ILKAL-587125
DEPARTMENT OF PHYSICS
SLOW LEARNERS B.Sc III AND IV SEM 2022-23

SLN 0	REG NO	STUDENT NAME	TOTAL MARKS /150
1	U15IQ21S0011	SOLIMYA NARAIHATTI	67
2	U15IQ21S0015	PRATIBHA CHIDANANDA BISANAL	90
3	U15IQ21S0017	P ASHWINI	89
4	U15IQ21S0018	NEELAMMA R BELLI BELLI	84
5	U15IQ21S0019	ASHWINI	84
6	U15IQ21S0020	ARUNAKUMAR	78
7	U15IQ21S0021	AMARESH Y	30
8	U15IQ21S0029	SALEEM RAJESAB NADAF	83
9	U15IQ21S0033	ANJANEYA	89
10	U15IQ21S0035	VINAY BASALINGAPPA KUNTOJI	58
11	U15IQ21S0041	SIDDARTH PARAPPA BILAGI	81
12	U15IQ21S0043	CHANDRASHEKHAR H HUGAR	66
13	U15IQ21S0049	SHRIDHAR NAGABHUSHANAYYA GANGADHARMATHI	97
14	U15IQ21S0051	RAJU LAXMAN CHANDRAGIRI	84
15	U15IQ21S0055	AYYAPPA GURUSANGAYYA SUKALIMATH	79
16	U15IQ21S0063	SUDEEP HANANAPPA PUJARI	79
17	U15IQ21S0082	AISHWARYA DHARMARAJ AMINGAD	93
18	U15IQ21S0085	VARUN RAJU RAIBAGI	87
19	U15IQ21S0086	VANAJAKSHI	101
20	U15IQ21S0113	SRUSTHI MALLIKARJUN GOOLI	92
21	U15IQ21S0114	AKSHATA	104
22	U15IQ21S0119	CHETAN	80
23	U15IQ21S0124	KIRAN MAGASUDDI	91

Head Of the Physics Department
S.V.M. Arts, Science & Commerce
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S.V.M ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL-587125

DEPARTMENT OF PHYSICS

ATTENDANCE FOR SLOW LEARNERS B.Sc I AND II SEMESTER 2022-23

Time: 12-30 to 1-30 pm.

Staff incharge: Miss: B.M.Nadaf.

SL NO	REG NO	NAME	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
			15/11	22/11	6/12	20/12	27/12	3/1	7/1	13/1	20/1	27/1	3/2
1	U15IQ2250009	POOJA SHARANAPPA	1	2	2	3	4	5	6	7	8		
2	U15IQ2250027	AGASIMUNDIN	1	1	2	3	4	4	5	6	7		
3	U15IQ2250031	SWAPNA SHANKARGOUDA HOSAMANI	1	2	3	4	5	6	7	7	8		
4	U15IQ2250070	NINGAMMA CHANNAPPA HIREMANI	1	2	3	4	5	5	6	7	8		
5	U15IQ2250076	SACHIN GATTI	1	2	3	4	5	6	7	8	9		
6	U15IQ2250078	VENKATESH HANUMAPPA BANDARAGAL	1	1	2	3	4	5	6	7	8		
7	U15IQ2250082	AFFAN KALABURAGI	1	2	3	4	4	5	5	6	7		
8	U15IQ2250085	PRUTHVI NAGANAGOUDA GOUDAR	1	2	3	4	5	6	7	8	8		
9													
10													

B.M.Nadaf
(B.M.Nadaf)


[Signature]
Principal
S.V.M. Arts, Science and
Commerce College, ILKAL

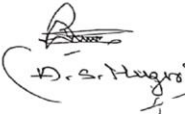
[Signature]
Head Of the Physics Department
S.V.M. Arts, Science & Commerce
College, ILKAL- 587125




[Signature]
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Commerce College, ILKAL

SL NO	REG NO	NAME	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
1	U15IQ2150011	SOUMYA NARAHATTI	1	2	3	4	4	5	6	7	8	9	10	11
2	U15IQ2150015	PRATIBHA CHIDANANDA BISANAL	1	2	3	4	5	6	7	8	9	10	11	12
3	U15IQ2150017	P ASHWINI	1	2	3	4	5	6	7	8	9	10	11	12
4	U15IQ2150018	NEELAMMA R BELLI BELLI	1	2	3	4	5	6	7	8	9	10	11	12
5	U15IQ2150019	ASHWINI	1	2	3	4	5	6	7	8	9	10	11	12
6	U15IQ2150020	ARUNAKUMAR	1	2	3	4	5	6	7	8	9	10	11	12
7	U15IQ2150021	AMARESH Y	1	2	3	4	5	6	7	8	9	10	11	12
8	U15IQ2150029	SALEEM RAJESAB NADAF	1	2	3	4	5	6	7	8	9	10	11	12
9	U15IQ2150033	ANJANEYA	1	2	3	4	5	6	7	8	9	10	11	12
10	U15IQ2150035	VINAY BASALINGAPPA KUNTOJI	1	2	3	4	5	6	7	8	9	10	11	12
11	U15IQ2150041	SIDDARTH PARAPPA BILAGI	1	2	3	4	5	6	7	8	9	10	11	12
12	U15IQ2150043	CHANDRASHEKHAR H HUGAR	1	2	3	4	5	6	7	8	9	10	11	12
13	U15IQ2150049	SHRIDHAR GANGADHARMATH	1	2	3	4	5	6	7	8	9	10	11	12
14	U15IQ2150051	RAJU LAXMAN CHANDRAGIRI	1	2	3	4	5	6	7	8	9	10	11	12
15	U15IQ2150055	AYYAPPA SUKALIMATH	1	2	3	4	5	6	7	8	9	10	11	12
16	U15IQ2150063	SUDEEP HANAMAPPA PUJARI	1	2	3	4	5	6	7	8	9	10	11	12
17	U15IQ2150082	AISHWARYA AMINGAD	1	2	3	4	5	6	7	8	9	10	11	12
18	U15IQ2150085	VARUN RAJU RAIBAGI	1	2	3	4	5	6	7	8	9	10	11	12
19	U15IQ2150086	VANAJAKSHI	1	2	3	4	5	6	7	8	9	10	11	12
20	U15IQ2150113	SRUSTHI MALLIKARJUN GOOLI	1	2	3	4	5	6	7	8	9	10	11	12
21	U15IQ2150114	AKSHATA	1	2	3	4	5	6	7	8	9	10	11	12
22	U15IQ2150119	CHETAN	1	2	3	4	5	6	7	8	9	10	11	12
23	U15IQ2150124	KIRAN MAGASUDDI	1	2	3	4	5	6	7	8	9	10	11	12


 Head Of the Physics Department
 S.V.M. Arts, Science & Commerce
 College, ILKAL- 587125


 D. S. Hegde


 Principal
 S.V.M. Arts, Science and
 Commerce College, ILKAL




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LIQUIDA CRYSTALS

BY
RDEBAGOTE

Liquid Crystals

Introduction

On the basis of macroscopic properties, matter classified into three main states: solid, liquid and gas. According to modern models there are two more states of matter.

- 1) Colloids
- 2) Disordered state

A crystalline solid belongs to ordered state of matter. It gets change in disordered state of matter and liquid and amorphous solids are considered state of matter.

Liquid Crystals

Liquid Crystals are a state of matter intermediate between the disordered state (liquid) and the solid state (crystal) of matter. The liquid crystals have following features:

- 1) It has the ability to flow and
- 2) Exhibits optical anisotropy

i.e. birefringence (double refraction) which is the solid state, which is the property of a crystal. The substance in the transition state is called liquid crystal. The liquid-crystalline phase of the substance is called its mesophase.

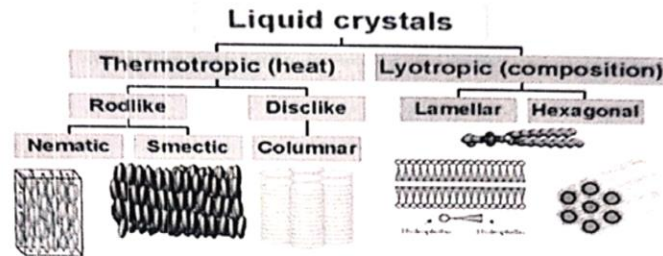



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Classification of Liquid Crystals

Liquid crystals are classified as,

- 1) Thermotropic (temperature dependent) and
- 2) Lyotropic (concentration dependent)



Display Systems

Display Systems are used to share information in a digital format. These solutions can consist of a single display with a digital signage player, multiple displays with digital signage players across a campus or facility or a video wall with a video processor.

Digital Display System:

Digital Display System – The rapid growth of electronics field handling of numerical data has brought with it a great demand for simple systems to display the data in a readily understandable form. Display devices provide a visual display of numbers, letters, and symbols in response to electrical input, and serve as constituents of an electronic display system.

Different Types of Display Devices used in digital electronic field: Commonly used displays in the digital electronic field are as follows.

1. Cathode ray tube (CRT)
2. Light emitting diode (LED)
3. Liquid crystal display (LCD)
4. Gas discharge plasma displays (Cold cathode displays or Nixies)
5. Electro-luminescent (EL) displays
6. Incandescent display
7. Electrophoretic image displays (END)
8. Liquid vapour display (LVD)




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THE PROBLEM OF CORRUPTION

PRESENTED BY
DR. SHIVANAND KENCHAIKOL
SVM ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL.

INTRODUCTION

- Corruption is one of the biggest global issues, ahead of extreme poverty, unemployment, the rising cost of food and energy, climate change, and terrorism.
- It is thought to be one of the principal causes of poverty around the globe. Its significance in the contemporary world cannot be overestimated.
- *Corruption: A Very Short Introduction* notes that corruption is as old as humanity itself, and then considers why the international community has only highlighted it as a problem in the past two decades.
- It explores the phenomenon from several different perspectives, from the cultural differences affecting how corruption is defined, its impact, its various causes, and the possible remedies.

DEFINITIONS

- We define corruption as the abuse of entrusted power for private gain. Corruption erodes trust, weakens democracy, hampers economic development and further exacerbates inequality, poverty, social division and the environmental crisis.
- It creates a very impact to the country's education, occupation, living style and mostly the business.
- India was ranked 94 out of 176 countries surveyed in the corruption perceptions index (CPI) 2012.

CORRUPTION IN INDIA

- Corruption in India is a stigma attached with the country. One of the biggest issues that our country faces today is corruption.
- It is a big challenge to root out corruption from the lands of our country since it has become a deep rooted issue and irrespective of the solutions and answers at hand, successive governments have been unable to root out this issue.
- The governments who aim at plucking out the issue from its roots may themselves be scabbled involved in acts of corruption, further leading to deterioration of the system than becking any sort of betterment out of it.
- The economy and the financial spheres of the country are weakened and deeply affected by acts of corruption. It weakens the entire system as a whole. The entire machinery operating the country goes for a toss when there is no proper system that is devoid of corruption.




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CORRUPTION IN INDIA

- Corruption is an ever-pace and ever-ripe of our country. We find corruption prevalent everywhere. All aspects of our life are touched & brought down when we think of being part of a society that is not rightly covered.
- Corruption begins when we are in India. It started with public sector or non-constituted. There was a time when politicians took money, officials, or bribes for doing all the wrong things. India, the spirit was to reach that even by doing the right things, and results to obtain progress for the.
- The situation is such that if we want a government offices to get some work done, we have to pay a bribe.
- We have to give the bribes of officials who are wanted in process to get our work done. The things of bribes are also depend upon the complexity of the work that needs to be done.

Types of Corruption

- Corruption occurs in different modes of our nation. In the of all political corruption is the most prevalent type of corruption in our country. There is also administrative corruption. The law is not properly followed in the different modes of our nation.
- Political corruption is the biggest mode of corruption and grows within political circles of the nation. The mode of corruption is not only in the election process, people who use the money to get elected to the office.
- After the announcement of results, when candidates who are approached by political parties and they are asked to give money to get their party through. There is a lot of corruption that happens in election time.
- Political parties have their own money to provide their support to them. The party that offers the highest amount then becomes the one to form the government.
- There is also administrative corruption, if we think to get any document that belongs to the government administrative department, we would have to pay a bribe to get it done.

Causes of Corruption

- Somebody has money potential from a regular job even individuals resort to cheating and corruption.
- For the demand of the government, individuals do resort to bribing higher authorities in order to get their job done. That is not the best idea because a bribe can end the moral of people who are doing it.
- There are no strict regulations to check on such of corruption. Law is not very tough on individuals who are doing wrong because it is not very strict in terms of punishment.
- A person needs to bring part of a bribe to get the right things done. The system has to be more transparent in the field of corruption that it is before this, and getting a bribe is not the best idea to get our work done.
- The public speaks out of corruption free system. But to ensure that there is no corruption, we have to get the public to pay a bribe to get our work done. The public should be more aware of the corruption that is going on in our country and get our work done.
- If a government officials, private firms, or public or educational institutions, there is a lot of corruption in the system.

Solutions for Corruption

- A separate governing council or body that looks into such and every matter of corruption and takes necessary measures and enforce implementation has to be set up in the country.
- Every governing body of corruption should be made stronger. Any person involved in giving or accepting bribes should be brought under the strictness of law and original orders to be taken to avoid future incidents.
- Government should be created about the existence of government for accepting/bribe to the public through advertisements in media.
- Being online transactions is one of the best possible ways to curb corruption in some. Computers and up going only the prescribed amount through online transfer. Where there is a lot of corruption, the system will be able to reduce administrative corruption.
- There should be a full after every purchase made. Demanding bills increases accountability and reduces transparency in the system.



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SVM Arts, Science and Commerce College, Ilkal- 587125
Dept. of Political Science
TIME TABLE- 2021-22

Time	8:00 To 9:00	9:00 To 10:00	10:00 To 10:10	10:10 To 11:10	11:10 To 12:10	12:20 To 01:20	01:20 To 02:20	02:30 To 03:30	03:30 To 4:30	04:30 To 05:30
Monday	3A-MG		R E S T		2A-MG	2C-IC-MG				
Tuesday	2C-IC-MG							3A-SEC-MG		
Wednesday		3A-MG					1A-MG			
Thursday						1A-MG	1-OEC-MG		3A-MG	
Friday					2C-IC-MG			1-OEC-MG		
Saturday		2A-MG								
					1A-MG	2A-MG		1-OEC-MG		

Faculty
Dr. Mahadevagouda

HOD
Dr. Ramesh Y. Malagi

Principal

SVM Arts, Science and Commerce College, Ilkal- 587125
Dept. of Political Science
TIME TABLE- 2021-22

Time	8:00 To 9:00	9:00 To 10:00	10:00 To 10:10	10:10 To 11:10	11:10 To 12:10	12:20 To 01:20	01:20 To 02:20	02:30 To 03:30	03:30 To 4:30	04:30 To 05:30
Monday	3A-MG		R E S T		2A-MG	2C-IC-MG				
Tuesday	2C-IC-MG							3A-SEC-MG		
Wednesday		3A-MG					1A-MG			
Thursday						1A-MG	1-OEC-MG		3A-MG	
Friday					2C-IC-MG			1-OEC-MG		
Saturday		2A-MG								
					1A-MG	2A-MG		1-OEC-MG		

Faculty
Dr. Mahadevagouda

HOD
Dr. Ramesh Y. Malagi

Principal




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Dept. of Political Science
TIME TABLE- 2022-23

Time Day	8:00 To 9:00	9:00 To 10:00	10:00 To 10:10	10:10 To 11:10	11:10 To 12:10	12:20 To 01:20	01:20 To 02:20	02:30 To 03:30	03:30 To 4:30	04:30 To 05:30
Monday	3A-MG		R E S T		2A-MG	25-OEC-MG				
Tuesday		3A-MG			25-OEC-MG			3A-SEC-MG	2-OEC-MG	
Wednesday	3A-MG						1A-MG	2-OEC-MG		
Thursday					2S-IC-MG		1A-MG			
Friday		2A-MG						3A-MG		
Saturday					2A-MG			1-OEC-MG	2-OEC-MG	

Faculty
Dr. Mahadevagouda

HOD
Dr. Ramesh Y. Malagi

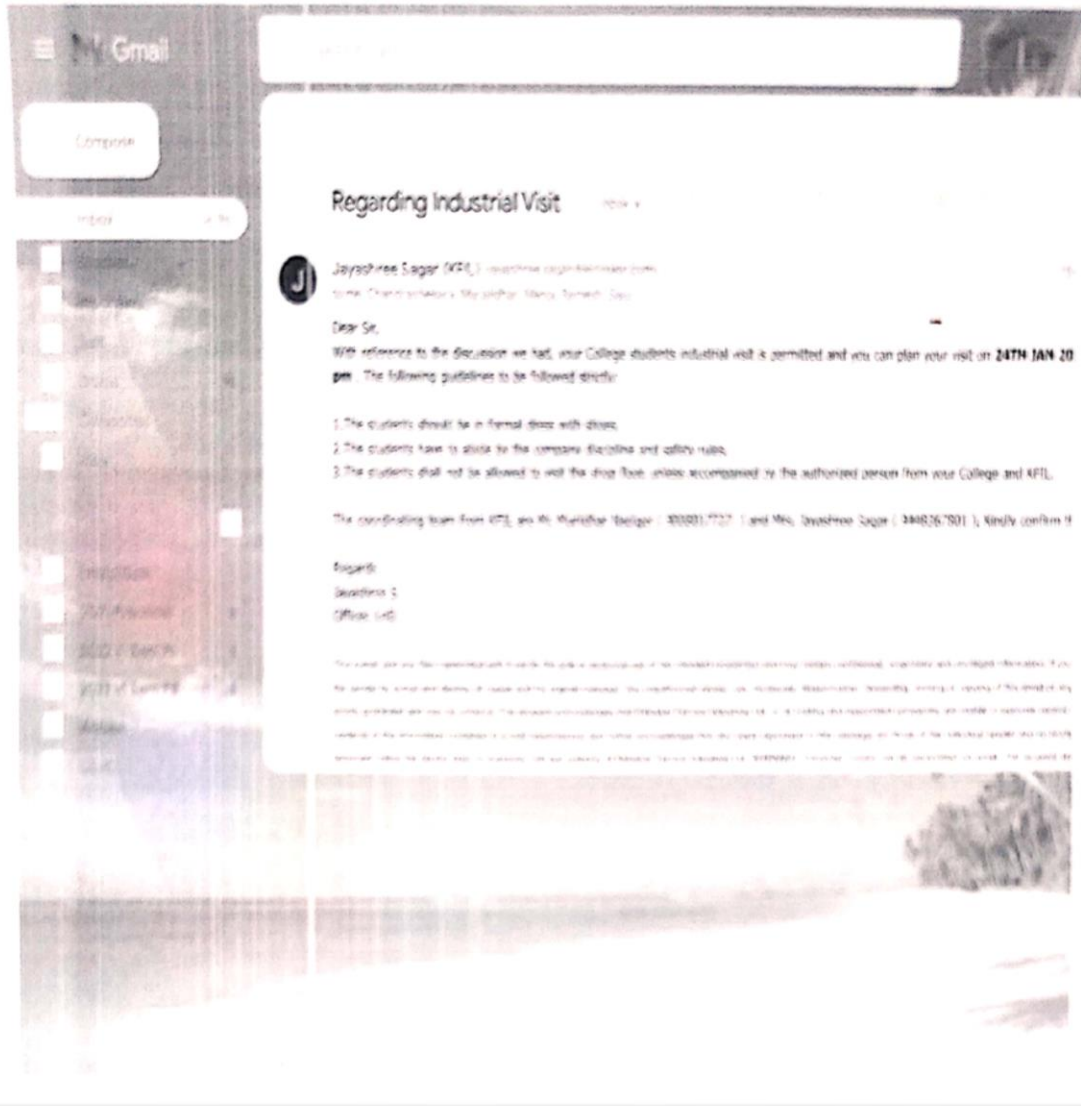
Principal




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1/16/23, 3:27 PM

Regarding Industrial Visit - shridharah@gmail.com - Gmail




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Shri VijayMahantesh Vidyavardhak Sangha's



**Shri Vijay Mahantesh Arts, Science & Commerce
College, ILKAL – 587125**

Dt: Bagalkot

Karnataka State

Dr. S.S.Awati

M.A.M.Phil, Ph.D

Re Accredited With 'B++' Level By NAAC Under CGPA

(Affiliated to Rani Channamma University Belagavi Centre Code: 6218)

Principal

E.Mail: svmdegrecollege@gmail.com

Web: www.svmdegrecollege.edu.in

Ref: SVMC/Industrial Visit /2022-23

17-01-2023

To,

The Manager HRD

Kirloskar Ferrous Industries Limited (KFIL)

Hitnal- 583 234

District Koppal, Karnataka, INDIA

Sir,

Sub: Request to permit our students to visit your esteemed Ferrous Industry – reg.

With reference to the above cited subject, as a part of academic activity and to gain the practical knowledge, our B.Sc (Chemistry) students (60 Nos), would like to visit your prestigious Ferrous Industry between 23-01-2023 to 28-01-2023.Hence In this regard, provide us the convenient date and kindly grant permission to visit the plant.

Thanking you,




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Post Box No : 3

Shri VijayMahantesh Vidyavardhak Sangha's

Phone No: 944841866



**Shri Vijay Mahantesh Arts, Science & Commerce
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Dr. S.S.Awati

M.A.M.Phil. Ph.D

DI: Bagalkot Karnataka State
Re Accredited With 'B++' Level By NAAC Under CGPA
(Affiliated to Rani Channamma University Belagavi Centre Code: 6218)

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Web: www.svmdegreecollege.edu.in

Ref: SVMC/Industrial Visit /2022-23

20-01-2023

DEPARTMENT OF CHEMISTRY

Industrial Visit to Kirloskar Ferrous Industries Ltd., Hitnal

on 24-01-2023

LIST OF STUDENTS

<i>Sl.No</i>	<i>Name</i>	<i>Class</i>	<i>Mobile No</i>	<i>Signature</i>
1		B.Sc-V Sem		
2		B.Sc-V Sem		
3		B.Sc-V Sem		
4		B.Sc-V Sem		
5				
6				
7				
8				
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12				
13				
14				



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SVMVV Sangha's
S.V.M Arts, Science And Commerce College Ilkal-587125
Department of Chemistry
List of the Student Visiting Kirloskar Ferrous Industry Hospet

Date : 24/01/2023

Sl No	REG. No	NAME OF THE STUDENT	Class	Contact No.	Signature
1	S2042001	AISHWARAYA	B.Sc V Sem		
2	S2042002	AISHWARYA AMBARESH RAMPUR	B.Sc V Sem		
3	S2042003	AISHWARYA DHANNUR	B.Sc V Sem		
4	S2042005	AISHWARYA KATTIMANI	B.Sc V Sem		
5	S2042006	AISHWARYA MALLAPPA HOLI	B.Sc V Sem		
6	S2042007	AISHWARYA RAJESH HALISAGAR	B.Sc V Sem		
7	S2042010	AKHILA AMINAGAD	B.Sc V Sem		
8	S2042011	AMBIKA CHOUDRI	B.Sc V Sem		
9	S2042012	ANUSHA GANAPATI CHAVAN	B.Sc V Sem		
10	S2042013	ANUSHA SHARANAPPA GUNDASAGAR	B.Sc V Sem		
11	S2042014	ANUSHRI PRABHURAJ ITLAPUR	B.Sc V Sem		
12	S2042015	ASHMITA BRAHMAVAR	B.Sc V Sem		
13	S2042016	ASHWINI SHANKARAPPA KUMBAR	B.Sc V Sem		
14	S2042017	BANASHREE HADAGALI	B.Sc V Sem		
15	S2042018	BASAMMA SOMAPPA PUJARI	B.Sc V Sem		
16	S2042019	BASANAGOUDA SANGANAGOUDA PATIL	B.Sc V Sem		
17	S2042020	BASAVARAJ	B.Sc V Sem		
18	S2042021	BASAVARAJ II AGER	B.Sc V Sem		
19	S2042022	BHAGYA TIRUMUKHI	B.Sc V Sem		




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S.V.M.V.V SANGHA'S



S.V.M Arts, Science and Commerce College, Ilkal

2022-23

Dept. of English

ASSAIGNMENT

FOR
MY FUTURE BUSINESS

NAME : PREETI.R.MASAGI
CLASS : BCom 4th Sem
REG. NO : UI5IQ21C0052

SUBMITTED TO : Dr.S.B.BIRADAR

DATE : 21/08/23


Prof. Sign




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RANI CHANNAMMA UNIVERSITY, BELGAUM



S.V.M ARTS SCIENCE AND COMMERCE COLLEGE

ILKAL – 587125

DEPARTMENT OF ENGLISH



ASSIGNMENT (2)

BACHELOR OF COMMERCE
DURING THE ACADEMIC YEAR 2022-23

Submitted by :

HUSENSAB A. KAVITAL

Reg No :U15IQ21C0015

B.COM – IVth SEMESTER

Submitted to:

DR. VASANTH KUMAR KADLIMATTI

DEPARTMENT OF ENGLISH




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S.V.M ARTS SCIENCE AND COMMERCE COLLEGE

ILKAL – 587125

BASIC ENGLISH



A PROJECT REPORT ON
BACHELOR OF ARTS (BA)
DURING THE ACADEMIC YEAR 2022-23

Submitted by :

ANAND HIREGOUDAR

Reg No :U15IQ21A0011

Submitted to:

DR. V.S.KADLIMATTI

DEPARTMENT OF ENGLISH

(Handwritten signature)



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SVM ARTS, SCIENCE AND COMMERCE COLLEGE
ILKAL - 587125

-: PROJECT ACTIVITIES :-

SUBMITTED BY : PAVAN ADVAPAK
COLLEGE : SVM COLLEGE ILKAL
CLASS : B.COM
SEMESTER : 4TH SEMESTER
REGISTER NO : U15IQ21C0053
SUBJECT : ENGLISH
SUBMITTED TO : Dr. S. B. BIRADAR

STUDENT SIGN

SIGNATURE BY PROFESSOR




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01.

Pech kuch also written as Pech-kuch is a presentation format that requires a speaker to deliver twenty seconds of commentary per slide for 20 consecutive, automatically advancing slides. The presentation time for a Pech kuch presentation is six minutes & forty seconds. Pech kuch which means 'The sound of conversation or chit-chat' in Japan, is a popular social event & novel way for companies & educators to help employees & students sharpen public speaking skills & promote connectivity.

How to Pech-kuch works.

Pech-kuch works in a specific format for both words & images. The format is as follows. The ruler. The images.

• Presentation.

1. Choose a good topic

Pech-kuch mainly choose a good topic. Start with a outline consider doing a presentation.



3. Seven Commandments

The animal farm starts with Mr. Jones. He is a very lazy person. He drinks daily whisky and sleeps. He is the leader of all animals. Old Major makes a powerful speech. He is the leader of all animals. He called a meeting to all animals. Then sitting in front of the old major, Old Major starts the speech.

The pig who emerges as the animal farm leader of the all animals farm after the rebellion. Based on Joseph Stalin. Napoleon proves more treacherous than his counterpart Snowball. The cart-horse whose incredible strength, dedication, & loyalty play key role in the early prosperity of Animal Farm and the later completion of the windmill.

The animals attack Mr. Jones and his farm helpers. Squealer justifies the pigs' monopolization of resources and spreads false statistics pointing to the farm's success.



2. Start with a outline.

If you're unsure where to start you can outline the presentation using a basic essay structure.

3. Be concise

Pech-kuch start with a concise You have less than seven minutes to inform & contain your listeners.

4. Choose & use images wisely.

You have less than seven minutes to inform & contain your listeners. So you need to have a tightly crafted presentation.

5. Practice.

You want to convey your enthusiasm for your subject through your presentation.

Conclusion

Pech-kuch makes it possible to deliver a compelling presentation within minutes. So Pech-kuch is useful very useful to presentation.




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Date : 11-12-23 Day : Mon

Period	Time	Class/Div.	Topic /Unit / Portion covered	PPT, Chalk talk, GD, A.V /other ICT tools
2	9 to 10	BSc-V	work done by force. potential energy, kinetic energy, conservation of energy	
2	10 to 11	BSc-V	A' batch practicals	

Other Activities Performed

Time from- to	Dept/Committee/Cell	Activity

Signature of Faculty

Signature of HOD

Signature of Principal

The Great Teacher Inspires



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ACADEMIC DIARY

(IQAC Initiative)

Year : 2023-24

Name : K. S. Ganiger
Qualification : MSc. Mphil
Designation : Associate professor
Department : Physics
Email : ksqsvmilk@gmail.com
Mobile : 9741492463




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SVMVV S's
SVM Arts, Science and Commerce College, ILKAL 587125
Conspetus 2022-23 (Even Semester)

Name of the Faculty: Prof. Rohini Pol Department: Dept. of Botany

Month	Class	Hours allotted for Planned content delivery	Unit/Title/Sub Units/Portion To be covered	Teaching aids and resources to be used
MAY	II	05 hrs	Chapter No. 1 Algae –Introduction and historical development in algology. General characteristics and classification of algae, Diversity- habitat, thallus organization, pigments, reserve food, flagella types, life-cycle and alternation of generation in Algae. Distribution of Algae.	Chalk and talk, Digrams,
	IV	5 hrs	Introduction to Ecology and Conservation Biology: Definitions, Principles of Ecology, Brief History, Major Indian Contributions, Scope and importance. Ecological levels of organisation. Ecological factors: Climatic factors: light, temperature, precipitation and humidity. Edaphic factors: Soil and its types, soil texture, soil profile, soil formation; physicochemical properties of soil - mineral particle, soil pH, soil aeration, organic matter, soil humus and soil microorganisms.	Chalk and talk, Digrams.
	VI	010hrs	Plant water relations: Importance of Water as a solvent, Diffusion, osmosis, imbibition, osmotic pressure, osmotic potential, turgor pressure, wall pressure, water potential and its components. Mechanism of water absorption, Factors affecting water absorption. Transpiration. Types and process, Mechanism of guard cell movement, K ⁺ ion mechanism, Antitranspirants. Mechanism of ascent of sap: Vital and physical force theories. Phloem Transport: Transport of organic solutes. Path of transport, vein loading and unloading, Transcellular hypothesis, mass flow hypothesis.	Chalk and talk, Digrams, Visuals
JUNE	II	10hrs	Chapter No. 2 Morphology and reproduction and life-cycles of Nostoc, <i>Oedogonium</i> , <i>Spirogyra</i> , <i>Ectocarpus</i> and <i>Batrachospermum</i> . Diatoms and their importance. Blue-green algae-A general account. Algal blooms and toxins. Chapter No. 3 Algal cultivation- Cultivation of microalgae- <i>Spirulina</i> ; Algal cultivation methods in India. Algal products- Food and Nutraceuticals, Feed stocks, food colorants; fertilizers, aquaculture feed; therapeutics and cosmetics; medicines; dietary fibres from algae and uses.	Chalk and talk, Digrams,
	IV	10hrs	Topographic Factors: Altitude Ecological groups of plants and their adaptations: Morphological and anatomical adaptations of hydrophytes, xerophytes, epiphytes and halophytes. Ecosystem Ecology: Introduction, types of ecosystems with examples -terrestrial and aquatic, natural and artificial. Structure of ecosystem: Biotic and Abiotic components, detailed structure of a pond ecosystem. Ecosystem functions and processes.	Chalk and talk




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	VI	10 hrs	Mineral nutrition: Micro and macro nutrients - their importance and deficiency symptoms. Photosynthesis: Photosynthetic Pigments (Chl a, b, xanthophylls, carotene); Photosystem I and II, reaction center, antenna molecules; Electron transport and mechanism of ATP synthesis; C3, C4 and CAM pathways of carbon fixation; Photorespiration. Respiration: Glycolysis, anaerobic respiration, TCA cycle; Oxidative phosphorylation, Oxidative Pentose Phosphate Pathway.	Chalk and talk, Digrams, Visuals
JULY	II	10 hrs	Chapter No. 4. Bryophytes – General characteristics and classification of Bryophytes, Diversity-habitat, thallus structure, Gametophytes and sporophytes. 5 Hours Chapter No. 5 Distribution, morphology, anatomy, reproduction and life-cycles of <i>Riccia</i> , <i>Anthoceros</i> , and <i>Funaria</i> . Ecological and economic importance of Bryophytes. Fossil Bryophytes	Chalk and talk, Digrams, Visuals
	IV	10 hrs	Food chain-grazing and detritus; Food web. Ecological pyramids -Pyramids of energy, biomass and number. Principles of Energy flow in ecosystem. Bio-geo chemical cycles: Gaseous cycles -carbon and nitrogen, Sedimentary cycle Phosphorus. Ecological succession: Definition, types- primary and secondary. General stages of succession. Hydrosere and xerosere.	Chalk and talk, Digrams, A-V
	VI	15 hrs	Nitrogen metabolism: Biological nitrogen fixation: Nitrate and ammonia assimilation. Plant growth regulators: Definition and classification, Site of synthesis, biosynthesis pathway and metabolism and influence on plant growth development - Auxins, Gibberellins, cytokinins, ABA and ethylene . Synthetic growth regulators: Classification, their effect on plant growth and development. Practical utility in agriculture and horticulture. Sensory Photobiology: Biological clocks, photoperiodism, function & structure of phytochromes, phototropin & cryptochromes. Senescence, Aging & Cell Death (PCD and Autophagosis). Plant Movements	Chalk and talk, Digrams, A-V ads
AUG	II	05 hrs	Chapter No. 6. . Pteridophytes- General characteristics and classification; Structure of sporophytes and life-cycles. Distribution, morphology, anatomy, reproduction and life-cycles in <i>Psilotum</i> , <i>Selaginella</i> , <i>Equisetum</i> , <i>Pteris</i> .	Chalk and talk, Digrams,
	IV	05 hrs	Community Ecology: Community and its characteristics – frequency, density, Abundance, cover and basal area, phenology, stratifications, life-forms. Concept of	Chalk and talk, Digrams.




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			Ecological methods and techniques: Methods of sampling plant communities – transects and quadrates	
	VI	10hrs	Biochemistry : Introduction and scope of Biochemistry Carbohydrates : Structure, Classification and functions of Carbohydrates Enzymes: Classification, kinetics and mechanism of action. Proteins and amino acids: Classification, structure - primary, secondary, tertiary and quaternary. Classification of Amino acids. Vitamins: Classification, distribution, structure, production, function. Lipids: Classification, structure, function and biosynthesis of fatty acids. Secondary plant products: Structure, biosynthesis and distribution of terpenes, phenolics and nitrogen containing compounds.	Chalk and talk, Digrams, Visuals
SEPT	II	05 hrs	Distribution, morphology, anatomy, reproduction and life-cycles in Psilotum, Selaginella, Equisetum, Pteris.	Chalk and talk, Digrams, Visuals
	IV	05hrs	Remote sensing as a tool for vegetation analysis, land use – land cover mapping. Population Ecology: Population and its characteristics – Population density, natality, mortality, age distribution	Chalk and talk, Digrams, A-V ads
	VI	16 hrs	Vitamins: Classification, distribution, structure, production, function. Lipids: Classification, structure, function and biosynthesis of fatty acids. Secondary plant products: Structure, biosynthesis and distribution of terpenes, phenolics and nitrogen containing compounds.	Chalk and talk, Digrams, A-V ads

Signature of Faculty: P.P.P.

Submitted to IQAC On:

Signature of HOD: P.P.P.



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