

NOTIFICATION

Sub: University College for Women (Autonomous) Koti, Hyd Department of Chemistry
Reconstitution of the Board of Studies--- Orders issued.

Sanction is hereby accorded for the reconstitution of the Board of studies in Chemistry at
University College for Women (Autonomous), Koti, Hyderabad as follows

S.NO	Members of BOS	Designation
1.	Dr. K. Premalatha	Head, Dept of Chemistry, UCW, Koti, Chairman, BOS, UCW
2.	Prof. Abraham Lincoln Ch.	Chairperson, BOS, Dept. of Chemistry, University College of Science,OU,Hyd.
3.	Prof. Ch. Sarala Devi	Head, Dept of Chemistry, University College of Science,OU,Hyd
4.	Dr. G. Kumaraswamy	External member & Subject Expert, Scientist, ICT, Hyd
5.	Dr. AVSS Prasad	Industry expert, B-2, Aurobindo Pharma. Ltd, Hyd
6.	Prof. T.V. Hymavathi	Subject Expert, PJTS Agricultural University, Hyd
7.	Dr. P. Saritha Reddy	Member, Dept of Chemistry, UCW, Koti
8.	Dr.G.Vijaya Lakshmi	Member, --- do---
9.	Dr. M. Kavitha	Member, --- do---
10.	Dr.A.Swaroop Rani	Member, --- do---
11.	Dr.Aliya Begum	Member, --- do---
12.	Mrs. Jaya Surya Kumari	Member, --- do---
13.	Dr.M.Thirupathi	Invitee, --- do---
14.	Dr. Ch. Sarita Subhashini	Invitee, --- do---

The term of Office of the members of the Board of Studies in Chemistry, shall be for a period of two years with effect from the date of issue of this order. However any member of the Board ceases to be a member when he/she vacates the office he/she was holding at the time of his/her nomination, unless otherwise permitted.

Copy to,

1. All the members of the Board of Studies.
2. The Controller of Examinations, UCW, Koti
3. The Academic Co-ordinator, UCW, Koti



Koti, Hyderabad, Telangana State - 500 095.
(Constituent College of Osmania University)
CPE status & NAAC Re-Accredited - 'A' grade



No.

/UCW/

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Date :

ORDERS

Sub: University College for Women (Autonomous) Koti, Hyd Department of Chemistry
has constituted Board of Studies--- Orders issued.

Sanction is hereby accorded for the constitution of Board of studies in Chemistry at University
College for Women (Autonomous), Koti, Hyderabad as follows

S.NO	Members of BOS	Designation
1.	Dr. K. Premalatha	Chairman, BOS, UCW, Koti
2.	Prof. Veera Somaiah P	Chairperson, BOS, Dept. of Chemistry, University College of Science, OU, Hyd.
3.	Prof. Satyanarayana .B	Head, Dept of Chemistry, University College of Science, OU, Hyd
4.	Dr. G. Kumaniswamy	External member & Subject Expert, Scientist, IICT Hyd
5.	Dr. AVSS Prasad	Industry expert, Principal Scientist-II, Aurobindo Pharma. Ltd, Hyd
6.	Prof. T.V. Hymavathi	Subject Expert, PJTS Agricultural University, Hyd
7.	Dr. P. Saritha Reddy	Member, Dept of Chemistry, UCW, Koti
8.	Dr. G. Vijaya Lakshmi	Member, --- do---
9.	Dr. M. Kavitha	Member, --- do---
10.	Dr. A. Swaroopa Rani	Member, --- do---
11.	Dr. Aliya Begum	Member, --- do---
12.	Mrs. M. Jaya Surya Kumari	Member, --- do---
13.	Dr. M. Thirupathi	Invitee, --- do---

The term of Office of the members of the Board of Studies in Chemistry, shall be for a period of two
years with effect from the date of issue of this order. However any member of the Board ceases to be a
member when he/she vacates the office he/she was holding at the time of his/her nomination unless
otherwise permitted.


PRINCIPAL

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
1. All the members of the Board of Studies.
2. The Controller of Examinations, UCW, Koti
3. The Academic Co-ordinator, UCW, Koti

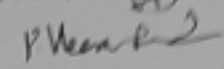
Phone : 24657813, Fax : 091-040-24737692 Website : oucwkti.ac.in Email : ucwkti@gmail.com.

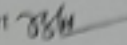
Minutes of Board of Studies Meeting, Department of Chemistry, UCW, Koti

The members present at Board of studies meeting at Department of Chemistry for Certificate Courses

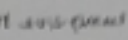
1. Dr. K. Premalatha
IC Head, Department of Chemistry, UCW.
2. Prof. Veera Somaiah P
BOS, Dept. of Chemistry, UCS, OU
3. Prof. Satyanarayana B
Head, Dept. of Chemistry, UCS, OU
4. Dr. G. Kumaraswamy
Scientist, ICT, Hyd.
5. Dr. AVSS Prasad
Principal Scientist -II,
Aurobindo Pharma Ltd
6. Prof. T. V. Hymavathi
PITS Agricultural University, Hyd
7. Dr. P. Saritha Reddy
Dept. of Chemistry, UCW.
8. Dr. G. Vijaya Lakshmi
Dept. of Chemistry, UCW.
9. Dr. M. Kavitha
Dept. of Chemistry, UCW
10. Dr. A. Swaroopa Rani
Dept. of Chemistry, UCW
11. Dr. Aliya Begum
Dept. of Chemistry, UCW
12. Mrs. Jayu Surya Kumari . M
Dept. of Chemistry, UCW
13. Dr. M. Thirupathi
Dept. of Chemistry, UCW


Chairman, BOS, UCW, Koti 

Chairperson, 

External Member & Subject Expert 

External Member & Subject Expert

External Member & Industry Expert 


External Member & Subject Expert


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Minutes of Board of Studies Meeting, Department of Chemistry, UCW, Kott

- The syllabus of Basic of Forensic Science and Basics of Pharmaceutical Science proposed was reviewed by internal BOS Committee members of Department of Chemistry for the academic year 2019-2020.
- The Committee members reviewed the syllabus of theory and practicals.
- The Committee members has decided to follow the syllabus proposed and further no changes were suggested.
- The Committee members has agreed to follow the syllabus of Basic of Forensic Science and Basics of Pharmaceutical Science.

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Minutes of Board of Studies Meeting of Department of Chemistry, O.U.C.W

Board of Studies meeting for undergraduate courses was convened on 17-04-2015 at 11.30 AM in Department of Chemistry, University College for Women (Autonomous), O.U.

The members present:

- | | | |
|--|----------------------------------|------------------------------|
| 1. Dr P V Anantha Lakshmi
LC Head of the department, OUCW | Chairman, B O S, OUCW | <i>P V Anantha Lakshmi</i> |
| 2. Prof L N Sharada
Chairman, B O S
Dept of Chem, O U | VC Nominee | <i>L N Sharada</i> |
| 3. Dr V Jayathirtha Rao
Principal Scientist, ICT, Hyd | External Member & Subject Expert | <i>V Jayathirtha Rao</i> |
| 4. Dr V Sudarshan Rao
Scientist D, NIN, Hyd | External Member & Subject Expert | <i>V Sudarshan Rao</i> |
| 5. Prof Ch Anjaneyulu
Dept of Chem, OUCW | Member | <i>Ch Anjaneyulu</i> |
| 6. Dr P Saritha Reddy
Dept of Chem, OUCW | Member | <i>P Saritha Reddy</i> |
| 7. Dr A Hari Padmasri
Dept of Chem, OUCW | Member | <i>A Hari Padmasri</i> |
| 8. Dr Aliya Begum
Dept of Chem, OUCW | Member | <i>Dr Aliya Begum</i> |
| 9. Mrs. M Jaya Surya Kumari
Dept of Chem, OUCW | Member | <i>M Jaya Surya Kumari</i> |
| 10. Prof Vijaya Khader
Former Dean, ANGRAU | Special Invitee | <i>Vijaya Khader</i> |
| 11. Prof P Leelavathi
Dept of Chemistry, OU | Special Invitee | <i>P Leelavathi</i> |
| 12. Mrs K Mythili
Dept of Chemistry, OUCW | Invitee | <i>Mrs K Mythili</i> |
| 13. Mrs Ch Saritha Subhashini
Dept of Chemistry, OUCW | Invitee | <i>Ch Saritha Subhashini</i> |

S.No

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Biological Chemistry:

S.No.	Semester/ Paper	Changes approved
1.	I/I	Unit: Molecular orbital theory is shifted to paper I from paper II
2.	I/I	Subtopics 'Surface tension and viscosity' are added in the topic 'Liquid State'
3.	I/I	The following are deleted from Unit II Brief review of structural theory of organic chemistry, Hybridization, Bond length, bond angle, bond energy, drawing electron movements with half headed and double headed arrow. In the same unit, instead of Carbanions, carbenes and nitrenes, it is mentioned as structure and geometry of carbanions, carbenes and nitrene. The term rearrangement reaction is added.
4.	I/I	The subtopics Hydrogenation of alkynes and alkenes, Wurtz reaction, Kolbe's electrolysis and Acetylene from CaC_2 , polymerization reaction of acetylene are deleted from the topic Acyclic hydrocarbons
5.	II/II	Units s-block elements and p-block elements-I are shifted to paper II from paper I
6.	II/II	Unit: General principles of inorganic qualitative analysis is shifted to paper II from paper III.
7.	II/II	The following are deleted from the topic Benzene and its reactivity of Unit II: Molecular formula of Benzene, structure of Benzene – open chain structure not possible, proposition of cyclic structure by Kekule, dynamic equilibrium, evidence based on ozonolysis experiment, Heat of hydrogenation, heat of combustion of Benzene, mention of C-C bond lengths and orbital picture of Benzene. The subtopic 'Limitations of Friedel Crafts Alkylation' is added to the topic Arenes and polynuclear hydrocarbons of Unit II
8.	II/II	The subtopic 'lever rule' is included in the topic 'Solutions'
9.	II/II	The topic 'Solid state' is modified by including 'Material science' and also structural determination of $CsCl$ & KCl are also incorporated.
10.	II/II	In the topic 'Colloids & surface chemistry' nanomaterials is included along with the topic of 'micelle'.
11.	II/IV	Existing unit IV is replaced by The Unit 'Vitamins'
12.	III/III	Topic 'p block elements –II' is shifted from paper II to paper III.
13.	IV/IV	Batteries & Corrosion topics are included in the unit: Electrochemistry
14.	IV/practic alpaper-IV	The practical paper is made exclusive of physical chemistry by including the experiments of conductometry, distribution, adsorption, potentiometry, pHmetry and colorimetry.
15.	V/VI	The following discipline centric elective papers are offered DCEI – Biochemistry, DCEII- Molecular Biology
16.	VI/VIII	Inclusion of Discipline Centric Interdisciplinary paper i.e. Bioinorganic Chemistry, Bioenergetics, Analytical & Biochemical Techniques and Chemistry & Metabolism of Nucleic Acids

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Food Science and Management

S.No.	Semester/ Paper	Changes approved
1.	I/I	<p>The following topics are included</p> <p>Unit I: Use of food in the body Digestion, absorption transport and utilization on nutrients, Food Fads and fallacies and eating disorders. Calculating major nutrients for daily diets. Balanced diet Planning for normal individuals of various age groups, physiological conditions and income levels. nutrition labeling has been shifted from paper V to this paper</p> <p>Unit II :Role of fibre in Human nutrition Unit III: Hormones Unit IV: Water</p>
2	I/II	<p>The following topics are included</p> <p>Unit I:Break fast cereals Unit III:Post harvest changes of fruits and vegetables Unit IV:Convenience foods, functional food, phytochemicals and nutraceuticals</p>
3	Practical syllabus Paper I and II	<p>The following topics are included</p> <p>Use and care of kitchen equipment. House hold measures for raw and cooked foods Calculation of BMI using height and weight Planning diets for various age groups, physiological conditions and income level Using Food exchange list Basics of quantitative food preparation Portion control of foods ; Beverages Tea, Coffee, Milk , Butter milk etc.. Cooked rice and other rice preparations Chapati, Dal, curry, pickles and curd Visit to national institute of nutrition</p>
4	II/III	<p>The following topics are included:</p> <p>Concept and science, statistics, role, principles and methods involved, role of post harvest technologists, present status in India ; futuristic post harvest technology PHT of fruits and vegetables, spices and condiments, plantation crops Unit - II: The topic 'Food Engineering Operations' has been shifted to paper V Unit - III: These topics have been expanded Unit - IV: Waste management topic is elaborated</p>
5	II/IV	<p>Unit II: FDA, USDA, FAO AND WHO Other International regulatory bodies like EFSA - European food safety authority Food standards of Australia and Newzealand, Soudi Arabia food regulations Unit - III: 'Voluntary agencies, Standardization of foods ' shifted to Unit IV Unit IV : 'PFA Specifications foods ' shifted to Unit III. Topics are exchanged between third and fourth unit</p>
6	II/ PR-III	Food adulteration awareness campaign - know your food quality

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		Visit to a State food testing Laboratory
7	II/ PR-IV	Filing a complaint Forming a consumer club -Consumer awareness through KABP
8	III/ V	Unit I: Food engineering operations shifted from paper III to V Unit III :Bakery and confectionary technology offered in theory Unit IV: Clubbed
9	III/ VI	Unit - I :Packaging materials elaborated Unit - II:Packaging strategy introduced Unit - III:Packaging interactions elaborated Unit - IV:Packaging of different products shifted from third unit
10	III PR- - V& VI	Visit To Indian Institute Of Packaging
11	IV / VII	Unit I: The topic 'Contamination of foods' is expanded Unit II:The topics 'Food spoilage, changes of spoilage ' expanded
12	IV/ VIII	Unit I:Communicable diseases; Microorganisms of importance to food safety; classification, The trail of Infection from Farm to Fork, signs and symptoms, prevention and control; Food born diseases; Bacterial, Fungal, Viral, Protozoan etc shifted from paper VII Unit - II:Food safety measures in Food service establishments; Safety in procurement Handling, manufacturing and Storage. Unit III:Testing the food safety for toxins and chemical residues Planning and implementation of training programme. Unit IV:Assessment of microbiological quality of foods; techniques used for analysis
13	IV/ PR- VII & VIII	Planning a training programme for laboratory staff and non teaching staff in the college work shop on food sanitation and hygiene Conducting a study on effect of storage conditions for extending shelf life of perishable foods in retail supermarkets Thermostable nuclease test for staphylococcus aureus
14	V/ IX	Unit II:Finding place for them in regular food products, pricing a product, Physical Distribution, sales promotion Unit III:Small scale Unit approach and planning. Processing and preservation for SSL, introduction products for SS Manufacturers, equipment, medium and large Unit IV:Multi commodity processing Emerging trends in food industry in India;

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W. Radhak
Y. K.
M. K.

		Indian food processing sector and its importance; food basket.
15	VI/ PR- XI	Analysis of fruits and fruit products; Color; Firmness; Total pectin as Ca pectate in fruit products
	PR- XII	Analysis of Lycopene; Beta carotene; Anthocyanin; Tannins; Phenols; TBHQ; Non-enzymatic browning; Sulphur Dioxide by modified ripper titration method NaCl in food products
16	V/IX	The following discipline centric elective papers are offered DCEI -Entrepreneurial development, DCEII- Retail food vending
17	VI/XII	Inclusion of Discipline Centric Interdisciplinary paper i.e. Marketing and Business administration

- | | | |
|--------------------------------|----------------------------------|----------------------------|
| 1. Dr P V Anantha Lakshmi | Chairman, B O S, OUCW | <i>P V Anantha Lakshmi</i> |
| Head of the department, OUCW | | |
| 2. Prof L N Sharada | VC Nominee | <i>L N Sharada</i> |
| Chairman, B O S | | |
| Dept of Chem, O U | | |
| 3. Dr V Jayathirtha Rao | External Member & Subject Expert | <i>V Jayathirtha Rao</i> |
| Principal Scientist, IICT, Hyd | | |
| 4. Dr V Sudarshan Rao | External Member & Subject Expert | <i>V Sudarshan Rao</i> |
| Scientist D, NIN, Hyd | | |
| 5. Prof Ch Anjaneyulu | Member | <i>Ch Anjaneyulu</i> |
| Dept of Chem, OUCW | | |
| 6. Dr P Saritha Reddy | Member | <i>P Saritha Reddy</i> |
| Dept of Chem, OUCW | | |
| 7. Dr A Hari Padmasri | Member | <i>A Hari Padmasri</i> |
| Dept of Chem, OUCW | | |
| 8. Dr Aliya Begum | Member | <i>Aliya Begum</i> |
| Dept of Chem, OUCW | | |
| 9. Mrs. M Jaya Surya Kumari | Member | <i>M Jaya Surya Kumari</i> |
| Dept of Chem, OUCW | | |
| 10. Prof Vijaya Khader | Special Invitee | <i>Vijaya Khader</i> |
| Former Dean, ANGRAU. | | |

(Signature)

Department of Chemistry, University College for Women, Koti, Hyderabad.

Minutes of the Meeting of the Board of Studies in Chemistry (UG)

The Revised Syllabus of B.Sc. (-Regular Chemistry, Biological Chemistry and Food Science and Management Courses) for I, II, and III year was approved in the Academic Council held in 2017. Hence it is resolved that the approved syllabus will be applicable for the next academic Year 2018-2019.

MEMBERS OF BOS

S.No	Members of BOS	Designation
1.	Dr. G. Vijaya Charan	Head, Dept of Chemistry, UCW. Chairman
2.	Prof. Ch. Sarala Devi	Chairperson, BOS, Dept. of Chemistry, University College of Science, OU.
3.	Prof. M. Devadas	Head, Dept. of Chemistry, University College of Science, OU.
4.	Dr. R. Srinivas.	External member & Subject Expert ,Scientist, IICT,Hyd.
5.	Dr. D. Subramanyam	Industry expert, President, Rational labs Pvt Ltd.
6.	Dr. Vijaya Lakshmi	Subject Expert, Professor, College of Home Science,Hyd.
7.	Dr. P. Saritha Reddy	Member, Dept of Chemistry, UCW, Koti, Hyd.
8.	Dr. K. Premalatha	Member, --do--
9.	Dr. G. Vijaya Lakshmi	Member, --do--
10.	Dr. V. Shashikala	Member, --do--
11.	Dr. Aliya Begum	Member, --do--
12.	Dr. M. Thirupathi	Member, --do--
13.	Mrs Jaya Surya Kumari	Member, --do--
14.	Mrs. K. Mythili	Member, --do--
15.	Dr. Ch. SarithaSubhashini	Member, --do--

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Ch. Sarala Devi
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Minutes of Board of Studies Meeting, Department of Chemistry, UCW, Koti

The members of Board of studies meeting, Department of chemistry for undergraduate courses for the Academic year 2019-2020

1. Dr. K. Premalatha
IC Head, Department of Chemistry, UCW
2. Prof. Abraham Lincoln Ch.
BOS, Dept. of Chemistry, UCS, OU
3. Prof. Ch. Sarala Devi
Head, Dept. of Chemistry, UCS, OU
4. Dr. G. Kumaraswamy
Scientist, ICT, Hyd.
5. Dr. AVSS Prasad
Principal Scientist -II,
Aurobindo Pharma Ltd
6. Prof. T. V. Hymavathi
PJTS Agricultural University, Hyd
7. Dr. P. Saritha Reddy
Dept. of Chemistry, UCW.
8. Dr. G. Vijaya Lakshmi
Dept. of Chemistry, UCW.
9. Dr. M. Kavitha
Dept. of Chemistry, UCW
10. Dr. A. Swaroopa Rani
Dept. of Chemistry, UCW
11. Dr. Aliya Begum
Dept. of Chemistry, UCW
12. Mrs. Jaya Surya Kumari
Dept. of Chemistry, UCW
13. Dr. M. Thirupathi
Dept. of Chemistry, UCW
14. Dr. Saritha subhasini
Dept. of Chemistry, UCW

Chairman, BOS, UCW, Koti

K.P. Premalatha
23/7/19

Chairperson

Ch. Sarala Devi
22/7/2019

External Member & Subject Expert

Ch. Sarala Devi

External Member & Subject Expert

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25/7/19

External Member & Industry Expert

AVSS Prasad
25-07-2019

External Member & Subject Expert

Ch. Sarala Devi
26/7/19

Member

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Member

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Member

H. Kumaraswamy
28/07/19

Member

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23/7/2019

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25/7/2019

Minutes of Board of studies Meeting, Department of Chemistry, UCW, Kotli

- > The UG Syllabus of B.Sc Chemistry Proposed by Telangana State Council of Higher Education, Govt. of Telangana, B.Sc., CBCS Common core syllabi for all Universities in Telangana was reviewed by internal BOS Committee members of department of Chemistry for semester I & II and further no changes were suggested.
- > The Committee members has decided to follow the same syllabus proposed by Telangana State Council of Higher Education, Govt. of Telangana, B.Sc., CBCS Common core syllabi for all Universities in Telangana, for the Academic year 2019-2020 for Semester-I & II for B.Sc Chemistry.
- > The Syllabus of B.Sc Biological Chemistry was reviewed based on the proposed B.Sc chemistry syllabus and modified accordingly to meet the requirements of students.
- > The Committee members has agreed to follow new syllabus for B.Sc Biological Chemistry for the Academic year 2019-2020 for Semester-I & II.
- > The Syllabus of B.Sc Food Science was reviewed in the month of February 2019 and proposed eight paper structure like other two optionals. The Same syllabus has been accepted as it is fitting in to the structure proposed by by Telangana State Council of Higher Education, Govt. of Telangana it has been decided to follow the same syllabus for the Academic year 2019-2020 for Semester-I & II.
- > The syllabus B.Sc (Chemistry, Biological Chemistry and Food Science) for semester -III, IV, V & VI was reviewed in the BOS meeting held on 27th February 2019 and the Board has decided to follow the same syllabus for the Academic year 2019-2020 for the semester -III, IV, V & VI.

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Mrs. Prasad 25-07-2019

Minutes of Board of Studies Meeting, Department of chemistry, UCW, Koti

Board of studies meeting was convened on 27-2-2019 at 11.30 AM, in Department of Chemistry, UCW.

The members present at Board of studies meeting at Department of chemistry for undergraduate courses held on 27-2-2019 at 11.30 AM.

1. Dr. K. Premalatha i/c Head, Department of Chemistry, UCW	Chairman, BOS, UCW, Koti	<i>K. Premalatha</i> 27/2/19
2. Prof. Abraham Lincoln Ch. BOS, Dept. of Chemistry, University College of Science, OU, Hyd.	Chairperson	<i>ALC</i>
3. Prof. Ch. Sarala Devi Head, Dept of Chemistry, University College of Science, OU, Hyd	External Member & Subject Expert	<i>Ch. Sarala Devi</i>
4. Dr. G. Kumaraswamy Scientist, IICT, Hyd	External Member & Subject Expert	
5. Dr. AVSS Prasad Principal Scientist-II, Aurobindo Pharma Ltd	External Member & Industry Expert	<i>AVSS Prasad</i> 27-02-2019
6. Prof. T.V. Hymavathi PJTS Agricultural University, Hyd	External Member & Subject Expert	<i>T.V. Hymavathi</i> 27/2/19
7. Dr. P. Saritha Reddy Dept. of Chemistry, UCW	Member	<i>P. Saritha Reddy</i> 27/2/19
8. Dr. G. Vijaya Lakshmi Dept. of Chemistry, UCW	Member	<i>G. Vijaya Lakshmi</i> 27-2-19
9. Dr. M. Kavitha Dept. of Chemistry, UCW	Member	<i>M. Kavitha</i> 27/2/19
10. Dr. A. Swaroopa Rani Dept. of Chemistry, UCW	Member	<i>A. Swaroopa Rani</i> 27/2/19
11. Dr. Aliya Begum Dept. of Chemistry, UCW	Member	<i>Aliya Begum</i> 27/2/19
12. Mrs. Jaya Surya Kumari Dept. of Chemistry, UCW	Member	<i>Jaya Surya Kumari</i>
13. Dr. M. Thirupathi Dept. of Chemistry, UCW	Member	<i>M. Thirupathi</i> 27/2/2019
14. Dr. Saritha Subahasini Dept. of Chemistry, UCW	Member	<i>Saritha Subahasini</i> 27/2/2019

Minutes of Board of Studies Meeting, Department of chemistry, UCW, Koti

- Dr K. Premalatha, Chairman, Board of studies welcomed the members of BOS committee.
- The U.G Syllabus of Chemistry was reorganized with respect to Unit-II (i.e.) Organic chemistry by shuffling the part of contents from one semester to other, the changes are as follows:
 - Alicyclic hydrocarbons from semester-II is shuffled to Semester-I.
 - Halogen Compounds from Semester-III is shuffled to Semester-II.
 - Carbonyl Compounds from Semester-IV is shuffled to Semester-III.
 - Nitro hydrocarbons from Semester-V is shuffled to Semester-IV.
- No Changes in the syllabus of B.Sc Biological Chemistry except for the inclusion of conformational analysis in Unit-II (i.e.) Organic chemistry of semester-II
- B.Sc Food Science (optional subject) was being offered as an vocational program with twelve papers from inception in 2000-2001 till date. Department has proposed to offer the program as an eight paper structure like other science optional. The Board has agreed to the resolutions in titles of the papers, content and structure.
- There is a inclusion of Discipline centric elective and Discipline centric Interdisciplinary in semesters V and VI, according to the CBCS pattern in the syllabus.

Ch. Suresh

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27/2/19

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H. Kavitha
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27/2/19

J.V.S. Prasad
Ch. Suresh 27.02.2019

The Panel of examiners for Chemistry, Biological chemistry, food science has been approved by the members.

1. Dr K.Premalatha
IC Head of the department, OUCW
2. Prof. Abraham Lincoln Ch.
BOS, Dept. of Chemistry, University
College of Science, OU, Hyd.
3. Prof. Ch. Sarala Devi
Head, Dept of Chemistry,
University College of Science, OU, Hyd
4. Dr. G. Kumaraswamy
Scientist, IICT, Hyd
5. Dr. AVSS Prasad
Principal Scientist-II,
Aurobindo Pharma Ltd
6. Prof. T.V. Hymavathi
PJTS Agricultural University, Hyd
7. Dr. P. Saritha Reddy
Dept. of Chemistry, UCW
8. Dr. G. Vijaya Lakshmi
Dept. of Chemistry, UCW
9. Dr. M. Kavitha
Dept. of Chemistry, UCW
10. Dr. A. Swaroopa Rani
Dept. of Chemistry, UCW
11. Dr. Aliya Begum
Dept. of Chemistry, UCW
12. Mrs. M. Jaya Surya Kumari
Dept. of Chemistry, UCW
13. Dr. M. Thirupathi
Dept. of Chemistry, UCW
14. Dr. Saritha Subahasini
Dept. of Chemistry, UCW

Chairman, B O S, OUCW *[Signature]* 27/2/19

Chairperson *[Signature]*

External Member & Subject Expert

External Member & Subject Expert

External Member & Industry Expert

External Member & Subject Expert *[Signature]* 27/2/19

Member *[Signature]* 27/2/19

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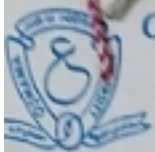
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OSMANIA UNIVERSITY COLLEGE FOR WOMEN
(AUTONOMOUS) KOTI, HYDERABAD - 500 095.
Estd. : September - 1924
Re-Accredited



Date : 21-02-2014

1632 /chem/bos/OUCW/2014

ORDER

Sub. O.U. College for Women (Autonomous), Koti, Hyd. Department of Chemistry
 - Reconstitution of the Board of Studies - Orders issued

Sanction is hereby accorded for the Reconstitution of the Board of Studies in Chemistry (UG), at the Osmania University College for Women (Autonomous), Koti, Hyderabad as follows:

MEMBERS OF BOS

S.No	MEMBERS OF BOS	DESIGNATION	ADDRESS
1	Dr. P.V. Anantha Lakshmi	Chairperson	Head, Dept of Chemistry, OUCW, Koti, Hyderabad
2	Prof. V. Uma	External Member	Head, Dept of Chemistry, College of Science, OU
3	Prof L.N. Sharada	VC nominee	Chairperson, BOS, Dept of Chemistry, College of Science, OU
4	Dr. V. Jaya Thirtha Rao	Subject Expert	Principal Scientist, IICT, Hyderabad
5	Dr. D. Subramanyam	Industry Expert	President, Rational Labs Pvt Ltd
6	Dr. V. Sudarshan Rao	Subject Expert	Scientist C, NIN, Hyderabad
7	Prof. Ch. Arjaneyulu	Member	Dept of Chemistry, OUCW, Koti, Hyderabad
8	Dr. P. Saritha Reddy	Member	Dept of Chemistry, OUCW, Koti
9	Dr. A. Hari Padmasri	Member	Dept of Chemistry, OUCW, Koti
10	Aliya Begum	Member	Dept of Chemistry, OUCW, Koti
11	Mrs. M. Jaya Surya Kumari	Member	Dept of chemistry, OUCW, Koti
12	Ms Koppula Navya	Alumnus	Student, M. Sc(P), Dept of Chemistry, OUCW, Koti

The term of Office of the Members of the Board of Studies in Chemistry, shall be for a period of two years with effect from the date of issue of this order. However any member of the Board ceases to be a member when he/she vacates the Office he was holding at the time of his/her nomination, unless otherwise permitted.

The Members are requested to convey their consent of the Membership of the Board of Studies

CHAIRPERSON, BOS

Jeetha
PRINCIPAL

Copy to:

1. All the Members of the Board of Studies
2. The Controller of Examinations, OUCW, Koti
3. The Academic Co-ordinator, OUCW, Koti

Minutes of Board of Studies Meeting of Department of Chemistry, O.U.C.W

Board of Studies meeting was convened on 11-04-2014 at 1.30 PM in Chemistry Department, OUCW.

The members present at Board of Studies meeting in Chemistry for undergraduate courses held on 11-04-2014 at 1.30 PM

- | | | |
|--------------------------------|----------------------------------|---------------------------------------|
| 1. Dr P V Anantha Lakshmi | Chairman, B O S, OUCW | <i>P.V. Anantha Lakshmi</i> |
| Head of the department, OUCW | | |
| 2. Dr V Sudarshan Rao | External Member & Subject Expert | <i>V. Sudarshan Rao</i>
11/04/2014 |
| Scientist D, NIN, Hyd | | |
| 3. Prof Ch Anjaneyulu | Member | <i>Ch Anjaneyulu</i> |
| Dept of Chem, OUCW | | |
| 4. Dr P Saritha Reddy | Member | <i>P. Saritha Reddy</i>
11/04/2014 |
| Dept of Chem, OUCW | | |
| 5. Dr A Hari Padmasri | Member | <i>A. Hari Padmasri</i>
11/04/2014 |
| Dept of Chem, OUCW | | |
| 6. Dr Aliya Begum | Member | <i>Dr Aliya Begum</i> |
| Dept of Chem, OUCW | | |
| 7. Mrs. M Jaya Surya Kumari | Member | <i>M. Jaya Surya Kumari</i> |
| Dept of Chem, OUCW | | |
| 8. Ms Koppula Navya | Student Alumini Member | <i>Ms Koppula Navya</i> |
| 9. Prof Ch Venkata Ramana Devi | Special Invitee | <i>Ch Venkata Ramana Devi</i> |
| Dept of Biochemistry, OU | | |
| 10. Prof P Leelavathi | Special Invitee | <i>P. Leelavathi</i> |
| Dept of Chemistry, OU | | |
| 11. Mrs K Mythili | Invitee | <i>Mrs K Mythili</i> |
| Dept of Chemistry, OUCW | | |
| 12. Mrs Ch Saritha Subhashini | Invitee | <i>Mrs Ch Saritha Subhashini</i> |
| Dept of Chemistry, OUCW | | |

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Minutes of Board of Studies Meeting of Department of Chemistry, O.U.C.W

Board of Studies meeting for undergraduate courses was convened on 17-04-2015 at 11.30 AM in Department of Chemistry, University College for Women (Autonomous), O.U.

The members present:

- | | | |
|---|----------------------------------|------------------------------|
| 1. Dr P V Anantha Lakshmi
I/C Head of the department, OUCW | Chairman, B O S, OUCW | <i>P V Anantha Lakshmi</i> |
| 2. Prof L N Sharada
Chairman, B O S
Dept of Chem, O U | VC Nominee | <i>L N Sharada</i> |
| 3. Dr V Jayathirtha Rao
Principal Scientist, IICT, Hyd | External Member & Subject Expert | <i>V Jayathirtha Rao</i> |
| 4. Dr V Sudarshan Rao
Scientist D, NIN, Hyd | External Member & Subject Expert | <i>V Sudarshan Rao</i> |
| 5. Prof Ch Anjaneyulu
Dept of Chem, OUCW | Member | <i>Ch Anjaneyulu</i> |
| 6. Dr P Saritha Reddy
Dept of Chem, OUCW | Member | <i>P Saritha Reddy</i> |
| 7. Dr A Hari Padmasri.
Dept of Chem, OUCW | Member | <i>A Hari Padmasri</i> |
| 8. Dr Aliya Begum
Dept of Chem, OUCW | Member | <i>Dr Aliya Begum</i> |
| 9. Mrs. M Jaya Surya Kumari
Dept of Chem, OUCW | Member | <i>M Jaya Surya Kumari</i> |
| 10. Prof Vijaya Khader
Former Dean, ANGRAU | Special Invitee | <i>Vijaya Khader</i> |
| 11. Prof P Leelavathi
Dept of Chemistry, OU | Special Invitee | <i>P Leelavathi</i> |
| 12. Mrs K Mythili
Dept of Chemistry, OUCW | Invitee | <i>Mrs K Mythili</i> |
| 13. Mrs Ch Saritha Subhashini
Dept of Chemistry, OUCW | Invitee | <i>Ch Saritha Subhashini</i> |

Dr P V Anantha Lakshmi, Chairperson, Board of studies welcomed the members of BOS committee. The members were requested to review the U.G Syllabus of Chemistry, Biological Chemistry and Food Science and Management (optional subjects) to adapt CBCS Pattern from the academic year 2015. All the members discussed the proposed modifications in the syllabus of Chemistry, Biological Chemistry and Food Science & Management (Voc.) optional subjects offered by the Department at length. The following are the changes approved by the members.

Chemistry:

Credits incorporated in all the papers acc. to CB

S.No	Semester/ Paper	Changes approved
1.	I/I	The topic Reducing nature of Lithium is added to the unit s-block elements
2.	I/I	Boron halides, electron deficiency, Lewis acidity topics are added to group 13 of p-block elements.
3.	I/I	Unit :Theory of quantitative analysis is shifted to paper II and the following topics are included: Theory of acid base indicators,oxidation-reduction potentials, standard reduction potential, Nernst's equation, Formal potentials, Redox curves-Ferrous versus ceric, detection of end point, redox indicators-self, internal and external indicators, Mohr's method and Volhard's method, ligands, chelate effect, stability constants, principle, titration curves, theory of metal ion indicators (EBT and Murexide), use of pH 10 buffer, titration of mixtures: Suitable control of pH (Pb^{2+} & Ca^{2+}), use of masking and demasking agents (Mg^{2+} , Zn^{2+} & Cu^{2+})
4.	I/I	Units Chemical bonding and evaluation of analytical data are shifted from paper II to paper I.
5.	I/I	The following are deleted from Unit II Brief review of structural theory of organic chemistry, Hybridization, Bond length, bond angle, bond energy, drawing electron movements with half headed and double headed arrow. the same unit, instead of Carbanions, carbenes and nitrenes, it is mentioned as structure and geometry of carbanions, carbenes and nitrene. The term rearrangement reaction is added.
7.	I/I	The subtopics Hydrogenation of alkynes and alkenes, Wurtz reaction, Kolbe's electrolysis and Acetylene from CaC_2 , polymerization reaction of acetylene are deleted from the topic Acyclic hydrocarbons
8.	I/I	The topic 'Atomic Structure' has been shifted from Unit IV to Unit III for better suitability and the topic is modified to start with failures of classical mechanics and heat capacities of solids are also added in it.
9.	I/I	'Solutions' topic from Unit III is shifted to Paper-II Unit-III
10.	I/I	Surface tension and viscosity topics are added in the topic: 'Liquid State' of Unit III

Handwritten signatures and initials:
 V. Anantha Lakshmi
 P. Suresh
 A. Reddy
 J. Srinivas
 M. Srinivas
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11.	II/II	Specific reactions are mentioned to discuss under redox properties of oxo acids of N,P and S of Unit I
12.	II/II	The following are deleted from the topic Benzene and its reactivity of Unit II: Molecular formula of Benzene, structure of Benzene – open chain structure not possible, proposition of cyclic structure by Kekule, dynamic equilibrium, evidence based on ozonolysis experiment, Heat of hydrogenation, heat of combustion of Benzene, mention of C-C bond lengths and orbital picture of Benzene. The subtopic 'Limitations of Friedel Crafts Alkylation' is added to the topic Arenes and polynuclear hydrocarbons of Unit II
13.	II/II	'Solutions' topic is included in Unit III (shifted from Sem I /Paper I) and the sub topic of 'lever rule' is included in it.
14.	II/II	'Solid state' topic is modified by including earlier 'Material science' topic of paper-VI and also structural determination of CsCl & KCl are incorporated.
15.	II/II	'Dilute solutions' topic is shifted from Paper-III to paper-II.
16.	III/III	'Colloids & surface chemistry' topic from paper-II is shifted to this paper and also 'nanomaterials' topic from earlier paper-VIII is included in this along with the topic of 'micelle'.
17.	IV/IV	The subtopic 'preparation and properties of Ferrocene' is shifted from the topic Metal carbonyls to Organometallic chemistry of the same paper.
18.	IV/IV	Batteries & Corrosion topics are included in the unit: Electrochemistry
19.	V/VI	The unit Green chemistry is shifted to paper VI from paper VIII.
20.	V/VI	The following subtopics are included in Macromolecules-I unit: Kinetics and mechanism of linear stepwise polymerization, cationic, anionic polymerization. Polymerization in homogeneous and heterogeneous systems. Bulk, solution, suspension and emulsion polymerizations, light scattering technique Polymer Processing & conducting polymers.
21.	V/VI	The following discipline centric elective papers are offered DCEI - Molecular Spectroscopy, Green Chemistry and Macromolecules DCEII- Applied Analysis, Natural Products and Fuel Chemistry
22.	VI/VII	The subtopic 'Spectral interpretation including interpretation of IR, UV-Visible, ¹ H-NMR and mass spectral data of the following compounds 1. Phenyl acetylene 2. Acetophenone 3. Cinnamic Acid 4. para-nitro aniline' is deleted.
23.	VI/VIII	Drugs unit is shifted to paper VIII from paper VI.
24.	VI/VIII	Example of carbonic anhydrase and Burk-weaver, Eadie-Hofsee plots are mentioned in 'catalysis' unit. 'Phase transfer catalysis' is included in Unit IV..
25.	VI/VIII	Inclusion of Discipline Centric Interdisciplinary paper i.e. Separation Techniques, Drugs and Catalysis
25.	VI/practical paper-VIII	Experiment of 'Saponification of ethylacetate' is deleted and experiment of 'overall order of persulphate-iodide' is included.

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Physical Chemistry:

No.	Semester/ Paper	Changes approved
I/I		Unit: Molecular orbital theory is shifted to paper I from paper II
I/I		Subtopics 'Surface tension and viscosity' are added in the topic 'Liquid State'
I/I		The following are deleted from Unit II Brief review of structural theory of organic chemistry, Hybridization, Bond length, bond angle, bond energy, drawing electron movements with half headed and double headed arrow. In the same unit, instead of Carbanions, carbenes and nitrenes, it is mentioned as structure and geometry of carbanions, carbenes and nitrene. The term rearrangement reaction is added.
I/I		The subtopics Hydrogenation of alkynes and alkenes, Wurtz reaction, Kolbe's electrolysis and Acetylene from CaC_2 , polymerization reaction of acetylene are deleted from the topic Acyclic hydrocarbons
II/II		Units s-block elements and p-block elements-I are shifted to paper II from paper I
II/II		Unit: General principles of inorganic qualitative analysis is shifted to paper II from paper III.
II/II		The following are deleted from the topic Benzene and its reactivity of Unit II: Molecular formula of Benzene, structure of Benzene - open chain structure not possible, proposition of cyclic structure by Kekule, dynamic equilibrium, evidence based on ozonolysis experiment, Heat of hydrogenation, heat of combustion of Benzene, mention of C-C bond lengths and orbital picture of Benzene. The subtopic 'Limitations of Friedel Crafts Alkylation' is added to the topic Arenes and polynuclear hydrocarbons of Unit II
II/II		The subtopic 'lever rule' is included in the topic 'Solutions'
II/II		The topic 'Solid state' is modified by including 'Material science' and also structural determination of CsCl & KCl are also incorporated.
II/II		In the topic 'Colloids & surface chemistry' nanomaterials is included along with the topic of 'micelle'.
II/IV		Existing unit IV is replaced by The Unit 'Vitamins'
III/III		Topic 'p block elements -II' is shifted from paper II to paper III.
IV/IV		Batteries & Corrosion topics are included in the unit: Electrochemistry
IV/practical paper-IV		The practical paper is made exclusive of physical chemistry by including the experiments of conductometry, distribution, adsorption, potentiometry, pHmetry and colorimetry.
V/VI		The following discipline centric elective papers are offered DCEI - Biochemistry, DCEII- Molecular Biology
VI/VIII		Inclusion of Discipline Centric Interdisciplinary paper i.e. Bioinorganic Chemistry, Bioenergetics, Analytical & Biochemical Techniques and Chemistry & Metabolism of Nucleic Acids

Handwritten signatures and notes:
 V. J. ...
 A. Podwal
 P. ...
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Food Science and Management

S.No.	Semester/ Paper	Changes approved
1.	I/I	The following topics are included Unit I: Use of food in the body Digestion, absorption transport and utilization on nutrients, Food Fads and fallacies and eating disorders. Calculating major nutrients for daily diets. Balanced diet Planning for normal individuals of various age groups, physiological conditions and income levels. nutrition labeling has been shifted from paper V to this paper Unit II :Role of fibre in Human nutrition Unit III: Hormones Unit IV: Water
2	I/II	The following topics are included Unit I:Break fast cereals Unit III:Post harvest changes of fruits and vegetables Unit IV:Convenience foods, functional food, phytochemicals and nutraceuticals
3	Practical syllabus Paper I and II	The following topics are included Use and care of kitchen equipment. House hold measures for raw and cooked foods Calculation of BMI using height and weight Planning diets for various age groups, physiological conditions and income level Using Food exchange list Basics of quantitative food preparation Portion control of foods ; Beverages Tea, Coffee, Milk , Butter milk etc., Cooked rice and other rice preparations Chapati, Dal, curry, pickles and curd Visit to national institute of nutrition
4	II/III	The following topics are included: Concept and science, statistics, role, principles and methods involved,role of post harvest technologists, present status in India ; futuristic post harvest technology PHT of fruits and vegetables, spices and condiments, plantation crops Unit - II:The topic 'Food Engineering Operations' has been shifted to paper V Unit - III:These topics have been expanded Unit - IV:Waste management topic is elaborated
5	II/IV	Unit II: FDA, USDA, FAO AND WHO Other International regulatory bodies like EFSA - European food safety authority Food standards of Australia and Newzealand, Soudi Arabia food regulations Unit - III:'Voluntary agencies, Standardization of foods ' shifted to Unit IV Unit IV : 'PFA Specifications foods ' shifted to Unit III. Topics are exchanged between third and fourth unit
6	II/ PR-III	Food adulteration awareness campaign - know your food quality

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		Visit to a State food testing Laboratory
7	II/ PR-IV	Filing a complaint Forming a consumer club -Consumer awareness through KABP
8	III/ V	Unit I:Food engineering operations shifted from paper III to V Unit III :Bakery and confectionary technology offered in theory Unit IV: Clubbed
9	III/ VI	Unit - I :Packaging materials elaborated Unit - II:Packaging strategy introduced Unit - III:Packaging interactions elaborated Unit - IV:Packaging of different products shifted from third unit
10	III PR- - V& VI	Visit To Indian Institute Of Packaging
11	IV / VII	Unit I: The topic 'Contamination of foods' is expanded Unit II:The topics 'Food spoilage, changes of spoilage ' expanded
12	IV/ VIII	Unit I:Communicable diseases; Microorganisms of importance to food safety; classification, The trail of Infection from Farm to Fork, signs and symptoms, prevention and control; Food born diseases; Bacterial, Fungal, Viral, Protozoa etc shifted from paper VII Unit - II:Food safety measures in Food service establishments; Safety in procurement Handling, manufacturing and Storage, Unit III:Testing the food safety for toxins and chemical residues Planning and implementation of training programme. Unit IV:Assessment of microbiological quality of foods; techniques used for analysis
13	IV/ PR- VII & VIII	Planning a training programme for laboratory staff and non teaching staff in the college work shop on food sanitation and hygiene Conducting a study on effect of storage conditions for extending shelf life of perishable foods in retail supermarkets Thermostable nuclease test for staphylococcus aureus
14	V/ IX	Unit II:Finding place for them in regular food products, pricing a product, Physical Distribution, sales promotion Unit III:Small scale Unit approach and planning. Processing and preservation for SSI, introduction products for SS Manufacturers, equipment, medium and large Unit IV:Multi commodity processing Emerging trends in food industry in India;

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		Indian food processing sector and its importance; food basket.
15	VI/ PR- XI	Analysis of fruits and fruit products; Color; Firmness; Total pectin as Ca pectate in fruit products
	PR- XII	Analysis of Lycopene; Beta carotene; Anthocyanin; Tannins; Phenols; TBHQ; Non-enzymatic browning; Sulphur Dioxide by modified ripper titration method NaCl in food products
16	V/IX	The following discipline centric elective papers are offered DCEI-Entrepreneurial development, DCEII- Retail food vending
17	VI/XII	Inclusion of Discipline Centric Interdisciplinary paper i.e. Marketing and Business administration

- | | | |
|--------------------------------|----------------------------------|----------------------|
| 1. Dr P V Anantha Lakshmi | Chairman, B O S, OUCW | P.V. Anantha Lakshmi |
| Head of the department, OUCW | | |
| 2. Prof L N Sharada | VC Nominee | L N Sharada |
| Chairman, B O S | | |
| Dept of Chem, O U | | |
| 3. Dr V Jayathirtha Rao | External Member & Subject Expert | V. Jayathirtha Rao |
| Principal Scientist, IICT, Hyd | | |
| 4. Dr V Sudarshan Rao | External Member & Subject Expert | V. Sudarshan Rao |
| Scientist D, NIN, Hyd | | |
| 5. Prof Ch Anjaneyulu | Member | Ch Anjaneyulu |
| Dept of Chem, OUCW | | |
| 6. Dr P Saritha Reddy | Member | P Saritha Reddy |
| Dept of Chem, OUCW | | |
| 7. Dr A Hari Padmasri | Member | A. Padmasri |
| Dept of Chem, OUCW | | |
| 8. Dr Aliya Begum | Member | Aliya Begum |
| Dept of Chem, OUCW | | |
| 9. Mrs. M Jaya Surya Kumari | Member | M. Jaya Surya Kumari |
| Dept of Chem, OUCW | | |
| 10. Prof Vijaya Khader | Special Invitee | Vijaya Khader |
| Former Dean, ANGRAU. | | |

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- 11. Prof P Leelavathi
Dept of Chemistry, OU
- 12. Mrs K Mythili
Dept of Chemistry, OUCW
- 13. Mrs Ch Saritha Subhashini
Dept of Chemistry, OUCW

Special Invitee *P. Leela*

Invitee *M. Mythili*

Invitee *B.*

S.No
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Osmania University College for Women



(Autonomous)
Koti, Hyderabad -500095
Estd: September 1924
Accredited A

No. / Acad / UG / BOS / UCW / 2013
4155

Date: 01-02-2013

ORDERS

Sub: O.U. College for Women (Autonomous), Koti, Hyderabad,
Dept. of Chemistry, Reconstitution of the Board of Studies-
Orders - Issued.

Sanction is here by accorded for the reconstitution of the Board of
Studies in Chemistry (U.G), at the University College for Women
(Autonomous), Koti, Hyderabad.

- | | |
|--|------------------------------------|
| 1. Dr. P. Leelavathi
Head, Dept. of Chemistry
OUCW, Koti, Hyderabad-95 | Chairman, BOS, UCW |
| 2. Prof. C. Gyana Kumari
Chairman, B.O.S (Global)
Dept. of Chemistry, Hyderabad | External Member & (Subject Expert) |
| 3. Prof. V. Maniah
Dept. of Chemistry
O.U. College of Science | External Member & (Subject Expert) |
| 4. Dr. V. Jayathirha Rao
Principal Scientist,
Indian Institute of Chemical Technology
Hyderabad | External Member & (Subject Expert) |
| 5. Dr. D. Subramanyam
President, Regional Labs (p) Ltd. | External Member & (Subject Expert) |
| 6. Dr. V. Sudarshan Rao
Scientist -C, National Institute of Nutrition,
Hyderabad. | External Member & (Subject Expert) |

Accepted
Ds Maniah
6/2/13

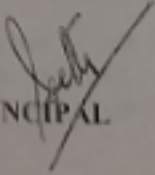
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7. Prof. Rafceq Mohiuddin
Alumni Member,
O.U.C.W,Koti , Hyderabad-95 Member
8. Prof. Ch. Anjaneyulu
Dept. of. Chemistry
O.U.C.W,Koti , Hyderabad-95 Member
9. Dr. P.V. Anantha Lakshmi
Dept. of. Chemistry
O.U.C.W,Koti , Hyderabad-95 Member
10. Dr. P.Saritha Reddy
Dept. of. Chemistry
O.U.C.W,Koti , Hyderabad-95 Member
11. Dr. A. Hari Padmasri
Dept. of. Chemistry
O.U.C.W,Koti , Hyderabad-95 Member
12. Mrs. M. Jaya Surya Kumari
Dept. of. Chemistry
O.U.C.W,Koti , Hyderabad-95 Member

The term of office of the members of the Board of Studies in Chemistry, (U.G) , Courses shall be for a period of two years with effect from the date of issue of this orders. However any member of the board cease to be a member, when he/ she vacates the office, he /she was holding at the time of his / her nomination, unless otherwise permitted.

The members are requested to convey their consent of the membership of the Board of Studies.


PRINCIPAL

To,

All the Members of the Board of Studies.

Copy to
The Controller of Examination, U.C.W., Koti.
The Asst. Registrar , U.C.W., Koti
The Section I/C , U.C.W., Koti.

The members present at Board of Studies meeting in Chemistry for undergraduate courses held on
20-03-2012 at 3.00 PM

1. Dr P Leelavathi
Head of the department, OUCW
2. Prof C Gyana Kumari
Chairman, B O S
Dept of Chem, O U
3. Prof V Maraiah,
Head, Dept of Chem, OU
4. Dr V Jayathirtha Rao
Principal Scientist, IICT, Hyd
5. Dr D Subramanyam
President, Rational Labs (P) Ltd
6. Dr V Sudarshan Rao
Scientist C, NIN, Hyd
7. Prof Rafeeq Mohiuddin
Alumni Member, OUCW
8. Prof Ch Anjaneyulu
Dept of Chem, OUCW
9. Dr P V Anantha Lakshmi
Dept of Chem, OUCW
10. Dr P Saritha Reddy
Dept of Chem, OUCW
11. Dr A Hari Padmasri
Dept of Chem, OUCW
12. Mrs. M Jaya Surya Kumari
Dept of Chem, OUCW

Chairman, B O S, OUCW

External Member & Subject Expert

External Member & Subject Expert

External Member & Subject Expert

External Member & Subject Expert

External Member & Subject Expert

Member

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Gyana Kumari

V Maraiah

V Jayathirtha Rao

D Subramanyam
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V Sudarshan Rao
20/3/2012

Rafeeq Mohiuddin

Ch Anjaneyulu
20/3/2013

P V Anantha Lakshmi
20/3/2013

Saritha Reddy
20/3/2013

A Hari Padmasri
20/03/13

M Jaya Surya Kumari

Minutes of Board of Studies Meeting of Department of Chemistry, O.U.C.W

The meeting of Board of Studies of Department of Chemistry, OUCW was held on 20th March 2013 at 3 p.m.

After detailed discussions the following resolutions were taken:

- Changes made in the practical syllabus for BSc Chemistry, Semester I Paper I, Semester IV Paper IV and Semester VI Paper VII were approved.
- Changes made in the practical syllabus for BSc Biological Chemistry in all papers were approved.
- Changes made in BSc (Food Science and Management) theory of Semester II Paper IV and Semester IV Paper VIII were approved.
- Changes made in BSc (Food Science and Management) practicals of Semester IV Paper VIII and Semester V Paper X were approved.
- Approved Panel of Examiners for BSc (Regular) and BSc (Biological Chemistry) for both theory & practicals.
- Approved Panel of Examiners for BSc (Food Science and Management) for both theory & practicals.
- The following suggestions were made by the Expert Members:
 - *Basics of advanced organic materials and their applications such as in LEDs, OLEDs* etc., may be included in sem.I - 'Liquid state' or in sem.VI, Paper-VIII: 'Nanomaterials'.
 - Some *examples of photochemical reactions* may be added in Sem. V, Paper-VII: 'Photochemistry'
 - *Microwave assisted synthesis* may be retained as a *demo-experiment* in Sem. V, Paper-V: Organic Chemistry Practical of B.Sc -regular chemistry.
 - In sem.II, Paper-IV of B.Sc (FSM) syllabus in unit-I, *National laws* should be replaced by *regulatory aspects of Food*. In unit-II, *Cold storage order* is not necessary as it is a part of international laws. In unit-III, *standardization of foods* should be taught as *vertical & horizontal standards*. For further details 'FSSAI Website' is suggested. In unit-IV, PFA specifications is replaced by *FSSAI 2011 specifications*.
 - *Reference text books may be uploaded on to the College Website.*

V. P. Singh
20/3/13

Gyaneshwar

V. S. K. Reddy
20/3/13

D. B. Manjula
20/3/13

henu

V. Sridhar
20/3/13

R. Jayaram
20/3/13

(A)

A. Padmalakshmi

The members present at Board of Studies meeting in Chemistry for undergraduate courses held on
20-03-2012 at 3.00 PM

1. Dr P Leelavathi
Head of the department, OUCW
2. Prof C Gyana Kumari
Chairman, B O S
Dept of Chem, O U
3. Prof V Manaiiah,
Head, Dept of Chem, OU
4. Dr V Jayathirtha Rao
Principal Scientist, IICT, Hyd
5. Dr D Subramanyam
President, Rational Labs (P) Ltd
6. Dr V Sudarshan Rao
Scientist C, NIN, Hyd
7. Prof Rafeeq Mohiuddin
Alumni Member, OUCW
8. Prof Ch Anjaneyulu
Dept of Chem, OUCW
9. Dr P V Anantha Lakshmi
Dept of Chem, OUCW
10. Dr P Saritha Reddy
Dept of Chem, OUCW
11. Dr A Hari Padmasri
Dept of Chem, OUCW
12. Mrs. M Jaya Surya Kumari
Dept of Chem, OUCW

Chairman, B O S, OUCW

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External Member & Subject Expert

byyanada

External Member & Subject Expert

A. Paul

External Member & Subject Expert

V. Jayathirtha Rao

External Member & Subject Expert

D. Subramanyam
20/3

External Member & Subject Expert

V. Sudarshan Rao
20/3/2012

Member

Rafeeq Mohiuddin

Member

Ch Anjaneyulu
20/3/2013

Member

P V Anantha Lakshmi
20/3/2013

Member

Saritha Reddy
20/3/2013

Member

A. Hari Padmasri
20/03/13

Member

M Jaya Surya Kumari

2009-10

Minutes of Board of Studies Meeting of Department of Chemistry, O.U.C.W

The meeting of Board of Studies of Department of Chemistry, OUCW was held on 20th March 2013 at 3 p.m.

After detailed discussions the following resolutions were taken:

- Changes made in the practical syllabus for BSc Chemistry, Semester I Paper I, Semester IV Paper IV and Semester VI Paper VII were approved.
- Changes made in the practical syllabus for BSc Biological Chemistry in all papers were approved.
- Changes made in BSc (Food Science and Management) theory of Semester II Paper IV and Semester IV Paper VIII were approved.
- Changes made in BSc (Food Science and Management) practicals of Semester IV Paper VIII and Semester V Paper X were approved.
- Approved Panel of Examiners for BSc (Regular) and BSc (Biological Chemistry) for both theory & practicals.
- Approved Panel of Examiners for BSc (Food Science and Management) for both theory & practicals.
- The following suggestions were made by the Expert Members:
 - > *'Basics of advanced organic materials and their applications such as in -LEDs, OLEDs'* etc., may be included in sem.I - 'Liquid state' or in sem.VI, Paper-VIII: 'Nanomaterials'.
 - > Some *'examples of photochemical reactions'* may be added in Sem.V, Paper-VII: 'Photochemistry'
 - > *'Microwave assisted synthesis'* may be retained as a *demo-experiment* in Sem.V, Paper-V: Organic Chemistry Practical of B.Sc-regular chemistry.
 - > In sem.II, Paper-IV of B.Sc (FSM) syllabus in unit-I, *'National laws'* should be replaced by *'regulatory aspects of Food'*. In unit-II, *'Cold storage order'* is not necessary as it is a part of international laws. In unit-III, *'standardization of foods'* should be taught as *'vertical & horizontal standards'*. For further details *'FSSA Website'* is suggested. In unit-IV, PFA specifications is replaced by *'FSSA 2011 specifications'*.
 - > *Reference text books may be uploaded on to the College Website.*

Safety standards at Prerna educational

V. P. Singh
20/3/13

Gyaneshan
20/3/13

Vijay Kumar
20/3/13

D. B. Manjula
20/3/13

V. Sridhar
M. Khan

R. Jayaraman
20/3/13

A. Padmalakshmi

Changes proposed for BSc Food Science and Management Syllabus

1. Semester II Paper IV Unit II : Cold storage order has been included.
2. Semester II Paper IV Unit III: Consumer education has been included. Food standardization has been consolidated
3. Semester II Paper IV Unit IV: PFA specifications for selected foods has been included.
4. Semester IV Paper VIII Unit III : Environmental Pollution has been deleted and Safety at work place, safety in food manufacturing units and food industries have been added.
5. Semester V Paper X Practical Paper: Kjeldahl method for estimation of protein and Soxhlet method for estimation of Fats have been added.

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Jaleti
P.V. Mantha Lakshmi
A. Padmal

byanastari
H. H. H.

V. Sankar
A. S.

International Conference on
"CURRENT RESEARCH AND APPROACHES IN FOOD TECHNOLOGY - 2020"

(CRAFT - 2020)

On the eve of Golden Jubilee Celebrations (1969-2019) of University College Of Technology(A)
Silver Jubilee Celebrations (1994-2019) of Dept of Food Technology,UCT (A), Osmania University

On 14th & 15th February, 2020

Organised by

DEPARTMENT OF FOOD TECHNOLOGY

University College Of Technology(A), Osmania University

In association with

LOYOLA ACADEMY

Alwal, Hyderabad.

CERTIFICATE OF APPRECIATION

This is to certify that

from DUCCM, NITL.

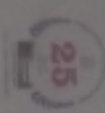
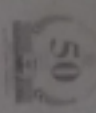
Mrs/Ms J. ANNAPURNA

Presented a Oral/Poster titled 5 pie Blend Intervention and standardisation - An approach to Diabetes
at the International Conference on "Current Research and Approaches in Food Technology - 2020" (CRAFT - 2020) Management
organized by the Department of Food Technology, University College of Technology(A), Osmania University, Hyderabad
held on 14th and 15th February 2020.

[Signature]
V. Bhasker
Co-convenor, CRAFT - 2020

[Signature]
Srinivas Maloo
Head, Dept of Food Technology
Convenor, CRAFT - 2020

[Signature]
Prof. R. Shyam Sunder
Principal, UCT, OU
Chairman, CRAFT - 2020



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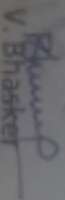
CERTIFICATE OF MERIT

This is to certify that

Mr/Ms J. ANNAPURNA et.al from OUCW, NOTI, OU

Presented a Paper/Poster titled Spice Blend Intervention and standardisation - An approach to Diabetes Management has secured SECOND.

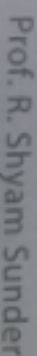
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V. Bhasker

Co-convenor, CRAFT - 2020


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Head, Dept of Food Technology
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Principal, UCT, OU
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