To,

The Principal

Sharanabasaveshwar College of Science

Kalaburagi - 3

Sub: Submission of COC "Chemical Analysis" details for the

academic year 2018-19

Ref: Your letter F. No: 4-347/2011 (COC), dated: 12.01.2012

Sir,

With reference to the above mentioned subject, I am here with submitting Career oriented course - "Chemical Analysis" detail information for the academic year 2018-19.

Kindly acknowledge the receipt of the same.

Thanking you

Coordinator

Co-ordinator GC, Carrier Oriented Course (Chemical Analysis: Sharnbasveshwar College of Science

GULBARGA-3 Encl: -

Sharnbasveshwar College of Science KALABURAGI

Department of Chemistry

1. UGC Course Sanction Letter

2. GUG Approval & syllabus copy

3. Poojya Appaji's permission letter to continue COC

4. Student enrollment list

5. Result

6. Remuneration paid to coordinator& staff



SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA-585103, KARNATAKA

(Affiliated To Gulbarga University, Gulbarga)

Progress Report
On
Career Oriented Course - "Chemical Analysis"

For the academic year 2018-19

Approved By Gulbarga University Gulbarga & Sanctioned By



University Grant Commission
New Delhi-110002



UNIVERSITY GRANTS COMMISSION 35-FEROZSHAH ROAD NEW DELHI-110 001

F. No. 4-347/2011(COC)

The Under Secretary (FD-III)
University Grants Commission
New Delhi-110002

January, 2012 1 2 JAN 2012

Sub: - Release of Grant-in-aid to Shri. Sharanabasaveshwar Science College, Gulbarga, Dist. Gulbarga, Karnataka-585103 under the UGC scheme of Career Oriented Courses-reg.

Sir.

With reference to the proposal submitted by Shri. Sharanabasaveshwar Science College, Gulbarga, Dist. Gulbarga, Karnataka-585103 under the UGC scheme of Career Oriented Courses, I am directed to convey the approval of the University Grants Commission for starting the following Career Oriented Courses in the above mentioned College from the academic year 2011-12.

Courses Approved		Grant released (90%)
Science	contract project secon	
Hardware and Networking Chemical Analysis	Rs. 10.00 Rs. 10.00	Rs. 9,00,000/- Rs. 9,00,000/-
THE STATE OF THE S	and the party of the fact that	
Total	Rs. 20.00	Rs. 18,00,000/-

I am also directed to convey the sanction of the University Grants Commission for payment of Rs. 18,00,000/- (Rupees Eighteen Lakh only) to the Principal, Shri. Sharanabasaveshwar Science College, Gulbarga, Dist. Gulbarga, Karnataka-585103 as 90% grant (Seed Money) under the scheme of Career Oriented Courses.

FRINCIPAL

MANBANYESHWAR COLLEGE

OF SCIENCE GLABARGA

PRINCIPAL
SHARNBASVESHWAR COLLEGE
OF SCIENCE, GULBARGA

The assistance available in the programme is only in the form of a one time as "Seed Money". The amount may be utilized for the purchase of books and journals augmentation of laboratory facilities, equipment and payment of remuneration to the Guest faculty only.

The terms and conditions of the approval and grant released are as per the

guidelines of the scheme.

 The sanctioned amount is dabitable to the following Heads and is valid for payment during the current financial year 2011-12.

S. No.	Component	Head of A/c	Amount
1.00	General 77.5%	5.(i) Code No. 31	13,95,000/-
2.	SC 15%	1B h(i) (b) Code No. 31	2,70,000/-
3.	ST 7.5%	1B h(ii) (b) Code No. 31	1,35,000/-

2. The amount of grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer), University Grants Commission on the Grants -in -aid bill and shall be disbursed to the credited to the Principal, Shri. Sharanabasaveshwar Science College, Gulbarga, Dist. Gulbarga, Karnataka-585103 through Demand Draft/Mail Transfer.

3. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/College/Institution.

4. The University/College shall maintain proper accounts only on approved items of expenditure.

5. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it was sanctioned shall be furnished to the University Grants Commission On receipt of the same, 10% grant would be sanctioned to the grantee Institution.

6. The assets acquired wholly or substantially out of the University Grants Commission grant shall not be disposed or encumbered or Utilized for the purposes other than those for which the grant was given, without proper sanction of the University Grants Commission and should, at any time the college ceases to function, such assets shall revert to the University Grants Commission.

7. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed form.

8. The grantee institution shall ensure the Utilization of grants-in-aid for which it is being sanctioned/paid. In case non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.

PRINCIPAL SHARNBASVESHWAR COLLEGI OF SCIENCE, GULBARGA 9. The University/ College shall implement the programme from the academic year 2011-12 positively and UGC to be informed in this regard.

10. The University/Institute/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions 2009.

11. The interest earned by the University/College/Institute on this grants in aid shall be treated as additional grant and may be shown in the U.C./Statement of expenditure to be furnished by grantee institutions.

12. The University/College shall follow strictly all the instructions issued by the Govt. of India from time to time with regard to reservation of posts for

scheduled Caste and Scheduled Tribes.

13. The University/College shall fully implement the Official Language Policy of Union Govt. and comply with the Official Language Act, 1963 and Official Language (use for officially purpose of the Union) Rules, 1976 etc.

14. The Sanction issues in exercise of the delegation of powers vide

Commission office order No. 25/92 dated May.01, 1992.

15. The Universities/ Colleges shall submit Annual Progress Report to the UGC office.

- 16. The Universities/ Colleges already running the Career Oriented Courses and completed 5 years would submit the audited utilization certificate/ statement of expenditure immediately to the UGC for settlement the accounts.
- 17. The funds to the extent are available under the scheme and have been noted in BCR for the year 2011-12 at S. No. _____ Page No. ____.

Yours faithfully,

(Sunita Chugh) Under Secretary

Copy forwarded for information and necessary action to:

- 1. The Principal, Shri. Sharanabasaveshwar Science College, Gulbarga, Dist. Gulbarga, Karnataka-585103 to intimate the receipt of the letter as well as the receipt of the sanction grant.
- 2. The Secretary to the Government of Karnataka, Deptt. of Education, Bangalore.
- 3. The Registrar, Gulbarga University, Jnana Ganga, Gulbarga-585106.
- 4. Office of Director, General, Audit General Revenues, AGCR Bldg., I.P. Estate, New Delhi.
- 5. Guard File, UGC, New Delhi.

(Usha Naidu) Section Officer

PRINCIPAL
SHARNBASVESHWAR COLLEGE
OF SCIENCE, GULBARGA
OF SCIENCE, GULBARGA
OF SCIENCE, GULBARGA



GULBARGA UNIVERSITY

"Inana Ganga", GULBARGA - 585 106, Karnataka, India.

911 Fax.

08472-263202 08472-263206

E-Mail:

root @guluni.kar.nic.in

Grams: UNIGUL

ಕ್ಕ ಸಂ. ಗುವಿಗು/ವಿಮವಿ/ಬಿಓಎಸ್/2012-13/ 🔿

ದಿನಾಂಕ: 1-4-13

ಅಧಿಸೂಚನೆ

ವಿಷಯ: 2012-13 ನೇ ಸಾಲಿನಿಂದ "Chemical Analysis of Water" COP ಕೋರ್ಸಿನ ಸ್ನಾತಕ ಕೋರ್ಸಿನ ಪಠ್ಯಕ್ರಮ ಜಾರಿಗೊಳಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1) ರಸಾಯನಶಾಸ್ತ್ರ ಸ್ನಾತಕ ಅಧ್ಯಯನ ಮಂಡಳಿ ನಿರ್ಣಯ (1) ದಿನಾಂಕ: 28.09.2012

2) ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ಗೊತ್ತುವಳಿ ಸಂಖ್ಯೆ 23 ದಿನಾಂಕ: 23.11.2012

ಉಲ್ಲೇಖ (2) ರ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ನಿರ್ಣಯದಂತೆ, "Chemical Analysis of Water" ಸ್ನಾತಕ "Career Orientation Programme" ನ ಕೋರ್ಸಿನ ಪಠ್ಯಕ್ರಮವನ್ನು 2012-13ನೇ ಸಾಲಿನಿಂದ ಜಾರಿಗೆ ಬರುವಂತೆ ಈ ಮೂಲಕ ಪ್ರಕಟಗೊಳಿಸಲಾಗಿದೆ.

ಸದರಿ ವಿಷಯವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಗೂ ಸಂಬಂಧಪಟ್ಟ ಶಿಕ್ಷಕರ ಗಮನಕ್ಕೆ.

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಗುಲಬರ್ಗಾ

1) ಅಧ್ಯಕ್ಷರು, ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ಮಂಡಳಿ, ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಗುಲಬರ್ಗಾ.

2) ಸಂಬಂಧಪಟ್ಟ ಕೋರ್ಸು ಹೊಂದಿರುವ ಮಹಾವಿದ್ಯಾಲಯದ ಪ್ರಾಂಶುಪಾಲರಿಗೆ.

ಪ್ರತಿ:

1) ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ), ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಗುಲಬರ್ಗಾ.

2) ಕ್ರುಲಪತಿಗಳ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ / ಕುಲಸಚಿವರ ಆಪ್ತ ಸಹಾಯಕರ ಮಾಹಿತಿಗಾಗಿ.

(SAT) പ്രസ്ക്കുട്ടിയ ത്രാവര്ക്കുട്ട് ക്യൂപ് കാരിക്കുവേധ്, സംബന്ദ്

Chemical Analysis Coordinator

5 412013

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Sharnbasveshwar

College of Science Kalaburagi - 585103 (Karnataka)

ಶರಣಐಸವೇಶ್ರರ

ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ, ಕಲಬುರಗಿ-೫೮೫ ೧೦೩ (ಕರ್ನಾಟಕ)



ns Run by Centenary Celebrated shwar Vidya Vardhak Sangha, Gulbarga wa University, Gulbarga war Vidya Varchak Sangha, Guibarga ring College for Women, Guibarga of Engineering & Technology, Gulbarga and Engineering Science & Technology

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n5 year integrated Course (MTA) Studies in Master of Arts in 2009 Mass Communication, Godutai College, Gulb. burios in Master of Fine Arts. 1957 er Arts College, Gulbarga r Residental Public School, 1967 DESC Syfeibus, Gulberga Rettir School Residential Indipendent 2011 College, Shorapur. Public School's Residential Indipendent 2011 College, Bidar 2011 a Anthansani Community Radio, [FM] Gulb. 2009 Higher Printary School, Gulbarga 1934

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High School, Gulbarga

Composite P.U. College, Gulbarga

or College of Commerce, Guibarge

ar Ind. P.U.College of Science, Gulbarga

is Diploma in Business Management r College of Arts & Science, Basavakalyan 1967 or Printing & Publication, Gulbarga 1969 a Appa P.U. College for Women, Gulbarga 1971 a Appa Arts & Commerce m, Gultanga r Granthavishwa Vidya Nilaya, Gulbarga 1978 r College of BBM, Gulbarga 1996 dential P.U. Science College, Gulbarga 1999 thal Ind. P.I.J. Science College 1999

Assa BCA College for Women, Gulberga 2001 ntial SCA College for Women, Gulbarga. 2001 BCA Colege, Basarakalyan 2001 or BCA College, Guibarga 2001 ental 88M College, Guibarga 2004 war BBN College, Basavakalyan 2004 e of Education (B.Ed), Guibarga 2004 ear B.Ec. (E.M.), Golbarga 2004 il College for Women, Guitharga 2004 eri. P.U. College for Girls, Bassavakalyan 2006 nr Residential Public School, Basavakalyan 2006 or D.Ed. College, Basavakalyan 2004 ta B.Ed. College, Basavakalyan

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(Affiliated to Gulbarga University, Kalaburagi and Recognised by the Government of Karnataka) ☎: (08472) 221941, • Fax: 08472-241492, email: sbcscg@rediffmail.com,www.sharnscience.org

Ref. No .

Date:

To.

The Hon'ble President,

SharanbasaveshwarVidyaVardhakSangha, Kalaburagi-3

> Sub: Request regarding the permission for continuation of Carrier Oriented Course [i.e. Chemical Analysis & Computer Hardware & Networking].

Letter Reference's: UGC Letter No. F.No-4-347/2011[COC] GUG Approval Letter No. GUG/VMV/BOS/2011-12/1364[HNW]

Dated:12.01.2012 Dated: 30.09.2011

GUG Approval Letter No. GUG/VMV/BOS/2012-13/01[CA]

Dated: 01.04.2013

His Holiness.

With the above cited subject, the five year Carrier Oriented Course sanctioned from UGC, New Delhi, in the Academic year 2011-12.this year the term of this course has been completed, but we are interested to continue the above said course's for the purpose of NAAC Accreditation to be held in our college next year. So I request you to kindly grant the permission for the continuation.

Thanking You.

"SANCTIONED"

Yours faithfully

HARNBASAVESHWAR COLLEGE OF SCIENCE GULBARGA

Certificate Course in Chemical Analysis Of Water One year course (Approved by GUG)

I Teaching

Theory: 4 hours per week (Paper- I & Paper- II).

Practical: 3hours per week(Practical- I) in first term.

Similarly 3hours per week(Practical- II) in Second term.

The above work has to be completed within the academic year.

II Examination

Theory Paper- I and Paper- II of 3 hours duration each for 80 marks, internal assessment for 20 marks (conduct two tests and take average).

Practical- I and Practical- II of 3 hours for 50 marks each. (40 marks each for final examination and 10 marks each for internal assessment).

Question paper pattern

Theory: Question paper contains three sections.

Section A: There shall be Fifteen bits of one mark each; candidate has to answer all (1x15=15).

Section B: There shall be seven questions of 5 marks each; candidate has to answer any Five. Total marks will be 25 (5x5=25).

Section C: There shall be six questions of 10 marks each; candidate has to answer any Four. Total marks will be 40 (4x10=40).

Practical: Distribution of practical marks

Experiment	Journal	Viva-voce	Internal assessment	Total marks		
D	05	05	10	50marks		
Practical-I (30 marks)		OF	10	50marks		
Practical- II (30 marks)	05	05				

Paper-I General Chemical Analysis (64 hours)

1. SI units:

Basic units, derived units, inter conversion of units

2 hours

2. Stoichiometry:

Mole concept, Avogadro number. Atomic weight, equivalent weight of elements, acids, bases, oxidizing agents and reducing agents. Molecular weight. Concept of Normality, molality and morality. Volumetric techniques and Gravimetric techniques in brief. 10hours

3. Analytical chemistry:

Role of Analytical chemistry, types of analysis, classification of analytical methods, selecting an analytical method, factor affecting the analytical method, cleanliness and neatness in the analytical laboratory, laboratory note book and its importance, safety in the laboratory.

4. Laboratory Operations And Practices-

Filtration, drying, measuring volume, stoichiometry and graphs, concentration, percentage solute, activity, titration of a solution, parts per thousand (ppt) and parts per million (ppm), standards, chemical standards, sample preparation, drying samples, weighing, dissolving, decomposition of organic matter, ionization, precipitation.

Analytical balances (electronic, mechanical, semi micro, micro), errors in weighing, cleaning glass apparatus, preparations before calibration operation, calibration of glassware. 16 hours

5. Sampling:

Sampling techniques, sampling statistics, variability in the sample, sample stability, field sampling. Sample preparation, sample decomposition and dissolution-decomposing samples with inorganic acids, microwave decomposing, decomposing organic samples, decomposing inorganic materials with fluxes, selecting and handling reagents.

6. Errors and evaluation:

Central value, mean, arithmetic mean, median, precision, standard deviation, accuracy, types of errors, minimizing errors, significant figures and computations, reporting of analytical data, evaluation of data, uses of statistics.

7. Computers in water analysis:

Use of computers in the water analysis, handling analytical results, instrument control and signal processing, computer data bases for analytical information, laboratory information management, laboratory computer systems.

Books Recommended:

- 1. Analytical Chemistry –Dr Alka L Guptha, Pragathi Prakashan, Meerut.
- 2. The Chemical Analysis of Water: General Principles and Techniques— DTE Hunt, Anthony Leslie Wilson
- 3. Fundamentals of Analytical Chemistry–D A Skoog, DM West, Holler and Crouch, Saunders publishing, Newyork.
- 4. Qualitative Analysis—RA Day and AL Underwood, Prentice Hall, Inc, New Delhi.
- 5. Instrumental methods of Chemical Analysis—Chatwal and Anand, Himalaya Publications.
- 6. Modern Analytical Chemistry-Harvey, Harcourt Publishers.
- Vogel's text book of Quantitative Chemical Analysis J Mendham, RC Denney, Indian reprint Pearson Education Pvt, Ltd., New Delhi.
- 8. Instrumental methods and Chemical Analysis—H Kaur, Pragathi Prakashan, Meerut.
- 9. Text book of Quantitative Chemical Analysis—A I Vogel (ELBS)
- 10.Text book of Organic Chemistry—Bahl and Arun Bahl

Paper-II

Water Analysis (64 hours)

1. Water as a component of environment:

Sources of water- atmospheric water, surface water, stored water, ground water, human use of water.

2hours

2. Water pollution:

Water pollutants, classification of water pollutants with explanation, origin of water pollutants, sources of water pollutants-Natural, domestic sewage, agricultural wastes, industrial wastes, radioactive wastes.

Effect of water pollutants-physicochemical effects, biological effects, toxic effects, pathogenic effects. Types of water pollution-physical pollution, inorganic pollution, organic pollution, biological pollution, oil pollution, pesticide pollution, radioactive pollution.

10hours

3. Water quality standards:

Water quality standards related to public health, environment and agriculture-Drinking water standards, bacteriological standards, irrigation standards- salinity, water infiltration rate, specific ion toxicity, miscellaneous, sodium concentration, stream standards, effluent standards. Chemical and biological parameters for evaluation of aquatic environment.

12hours

4. Collection of Water samples:

Ruttner water sampler, Von Dorn water sampler, Thermos-flask water sampler, pump samplers. Collection of water samples for irrigation, Handling and preservation of water samples, collection of biological matter of water.

06hours

5. Physical analysis of water:

colour-platinum-cobalt method, Forel-Ule colour method, Movement, Temperature- measurement of surface temperature, measurement of subsurface temperature, Odour and taste, Transparency, Turbidity. 06hours

6. Chemical analysis of water:

P^H, conductivity, measurement of Electrical conductivity(soluble salts concentration), acidity, alkalinity, total dissolved salts, total solids, dissolved oxygen(oxygen meter method, Winkler's method), calcium by Versenate method (temporary hardness), calcium plus magnesium (total hardness), sodium and potassium, chloride, fluorides, sulphate, boron, free carbon dioxide, total carbon dioxide, hydrogen sulphide, silica, phosphates, total carbohydrate, dissolved carbohydrate, oil and grease. Biochemical Oxygen demand (BOD), Chemical Oxygen demand (COD). 12 hours

7. Analysis of Different Forms Of Nitrogen:

Ammonia, nitrite, nitrate, total organic nitrogen (TON), dissolved organic nitrogen (DON), particulate organic nitrogen (PON) present in water samples.

8. Instrumental Analysis of water: Applications of the following instruments in the physico-chemical analysis of water-Uv solution spectro photometry and colorimetry, Flame emission spectrometry, Atomic-Absorption Spectrometry (AAS), Mass spectrometry, Infrared spectrometry, High performance liquid chromatography, P^H-meter and turbidometry. 10hours

Books Recommended:

- 1. Methods in Environmental Analysis Water soil and air—PK Gupta
- 2. Water pollution—VP Kudesia, Pragathi Prakashan, Meerut.
- 3. Analytical Chemistry Dr Alka L Guptha, Pragathi Prakashan, Meerut.
- 4. The Chemical Analysis of Water: General Principles and Techniques— DTE Hunt, Anthony Leslie Wilson.
- 5. Analytical Chemistry Vol I, II and III—Subhash and Sathish, Pragathi Prakashan, Meerut.
- 6. Instrumental methods of Chemical Analysis— Gurudeep R Chatwal and Anand, Himalaya Publications.
- 7. Chromatography -BK Sharma, GOEL Publications.
- 8. Basic concepts of Analytical Chemistry—SM Khopakr, New Age International Publications.
- 9. Standrd methods of Chemical analysis—FJ Welchar, Vol. I and II.
- 10. Electroanalytical Chemistry—BH Voigics, John Wiley Publications.

Practical-I

- I. 1. Introduction to the laboratory glass wares used in chemical analysis.
 - 2. Giving knowledge about laboratory note book and its importance, safety in the analytical laboratory, laboratory operations and practices.
 - 3. Calibration of Burette, pipette, volumetric flask and fractional weights.
 - 4. Use of balances: rough, chemical and electronic balances.

II. Volumetric Analysis:

- 1. Determination of total hardness (Ca & Mg) present in the water
- 2. Estimation of alkalinity due to Sodium carbonate and bicarbonate in the given water sample.
- 3. Determination of Acidity of a given water sample.
- 4. Determination of dissolved oxygen in the given water sample.
- 5. Estimation of Chemical Oxygen Demand
- 6. Estimation of amount of chloride present in the given water sample by using Mohr's method.

III Gravimetric Analysis:

- 1. Estimation of Mg as its axinate present in 250ml of given sample of water.
- 2. Estimation of sulphate present in 250ml given solution using barium chloride.
- 3. Estimation of Ca as calcium oxalate present in 250ml of given sample of water.

Practical-II

I. Identification of following ions present in the water sample by chemical tests.

Acid radicals— Carbonate, bicarbonate, chloride, fluoride, sulphate, nitrate

Basic radicals—copper, lead, cadmium, iron, zinc, calcium, magnesium, sodium and potassium

II. Instrumentation Exercises:

II. Instrumentation Exercises:

- Estimation of cu⁺² present in the given solution colorimetrically.
 Estimation of CO⁻³ and HCO⁻¹ present in the given solution by
- P^Hmeter.
- 3. Determination of PH of acetate buffer by potentiometrically.
- 4. Determination of Ferrous ammonium sulphate using standard K₂Cr₂O₇, potentiometrically

Books Recommended:

- chemistry—Gurudeep Raj(goel 1. Advanced Practical Inorganic publications)
- 2. Advanced practical Physical Chemistry—JB Yadav
- 3. Instrumental methods of Chemical Analysis-Gurudeep chatwal and Anand(Himalaya publications)
- 4. Industrial Chemistry—BK Sharma((goel publications)
- 5. Practical Chemistry—OP Pandey, DN Bajpai(S Chand publications)
- 6. A Text book of Quantitative chemical analysis—AI Vogel
- 7. A Text book of Qualitative chemical analysis—AI Vogel
- 8. Analytical Chemistry Dr Alka L Guptha, Pragathi Prakashan, Meerut.
- 9. The Chemical Analysis of Water: General Principles and Techniques-DTE Hunt, Anthony Leslie Wilson
- 10.College practical chemistry-Patel, Israney, Jakali, Mohandas, Turakhia(Himalaya Publishing House)

Sharnbasveshwar College of Science, Gulbarga

UGC Sponsored and Gulbarga University Gulbarga Approved COC course In Chemical Analysis 2018-19

List of Teaching Faculty

Slno	Name of the teacher and Institution
1	Dr. Smt Swaruprani H
	Department of Chemistry
	Sharnbasveshwar College of Science, Kalaburagi
2	Dr. R K Shikkargol
	HOD
	Department of Chemistry
	Sharnbasveshwar College of Science, Kalaburagi
3	Smt Gouramma Patil
	Lecturer in Chemistry
	Sharnbasveshwar College of Science, Kalaburagi
4	Ms Chaitra
	Lecturer in Chemistry
	Sharnbasveshwar College of Science, Kalaburagi
5	Mr Channabasava patil
	Lecturer in Chemistry
	Sharnbasveshwar College of Science, Kalaburagi

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Coordinator

GC, Carrier Oriented Course (Chemical Analysis, Sharnbasveshwar College of Science.
GULBARGA-3.

SHARNBASVESHAVAR COLLEGE OF SCIENCE, GULBARGA

SHARNBASVESHWAR COLLEGE OF SCIENCE, KALABURAGI

(UGC sponsored and approved by Gulbarga University Gulbarga)

Selection list of BSc SEM students 2018-19 applied for UGC sponsored COP certificated Course – Chemical Analysis

Sl. No.	College Roll No.	Reg. No.	Name of the Student	Father's Name				
01.	01	1749235	ABHISHEK B JADHAV	BABURAO JADHAV				
02.	13	1749250	CHAITANYA	VAIJINATH				
03.	14	1749251	CHANDRASHEKHAR N M	NINGAPPA MANGODI				
04.	16	1749498	DEEPIKA	ANNARAO				
05.	24	1749257	KAVERI	SANGANAGOUDA				
06.	41	1749277	PAVITRA	VIRENDRA				
07.	61	1749301	RENUKA	REVANSIDDAPPA				
08.	76	1749315	SHREYA	SOMNATH				
09.	78	1749317	SHRUTI	MADIVALAPPA K				
10.	80	1749321	SHWETA OTAGI	GHALEPPA OTAGI				
11.	85	1749334	SOUMYA	MAHARUDRAPA				
12.	86	1749335	SOUMYA ROOGI	SHANTAPPA				
13.	87	1749336	SOUMYA S GHALLI	SIDRAMAPPA GHALLI				
14.	91	1749337	SWATI	JAGADISH				
15.	95	1749344	VEENA D	BAAVARAJ				
16.	100	1749347	VISHWANATH	SHIVASHARANAPPA				
17.	101	1749348	YASMIN RUBY PATWARI	JALALUDIN				
18.	211	1749211	ANJANA	BASALINGAPPA MYALI				
19.	212	1749443	ANJANADEVI	IRANNA				
20.	213	1749439	ANUSHA	ABHAYRAO KULKARNI				
21.	216	1749532	BAAMMA	ANJAYYA GUTTEDAR				
22.	218	1749449	BHUVANESHWARI	BASALINGAPPA				
23.	221	1749454	GIRISH	LAXMIKANT				
24.	222	1749523	GUNDAMMA	BABU				
25.	224	1749456	KAVYA	BALRAJ				
26.	228	1749462	MANJUNATH YANGUNTI	GURULINGAPPA				
27.	232	1749466	NIKHIL	ASHOK BHOJI				
28.	233	1749468	OMKAR	BASAVARAJ				
29.	236	1749470	PRIYANKA	SHANKAR				
30.	240	1749473	SNGEETA	SHIVAKUMAR UPPE				
31.	244	1752818	SHRI[PAD BHATT	RAMESH BHATT				
32.	245	1749484	SHRISHAIL	RAMALINGA				
33.	247	1749482	SHWETA	SIDDAYYA				
34.	248	1749480	SHWETA	PITAMBAR RAO				
35.	249	1749481	SHWETA B P	BHEEMARAYA G PATIL				
36.	251	1749490	SONY	UDAYKUMAR				

37.	252	1753064	SPANDANA	CHANDRASHEKHAR REDDY
38.	254	1749487	SUDHARANI	MAHIPAL REDDY
39.	255	1749489	SUMEDHA SUJYAT	SURYAKANT
40.	256	1749488	SUSHMITA	ASHOK KUMAR H
41.	258	1749493	VAISHNAVI	ASHOK KULKARNI
42.	259	1749496	VEERESH R B	RAVINDRA BIDARI
43.	260	1749497	VIDYASHREE	SHARANABASAPPA
44.	261	1749522	VIDTASHREE D PATIL	DAULATRAYA PATIL
45.	45. 262 174		VIJAYALAKSHMI	RAMANNA



Co-ordinator

College of Science

College of Science

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6			Į	etoT bns12	286	286	588	586	284	291	285	586	288	287	282	291	290	286	292	289	285	289	291	290
018 - 1	-			IstoT	48	48	49	46	46	49	48	49	48	48	47	48	49	48	49	47	46	48	49	48
List 2		Practical-II	For 50 M	(01)AI	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Marks	nalysis		For	Expt for 40M	38	38	39	36	36	39	38	39	38	38	37	38	39	38	39	37	36	38	39	38
ination	Chemical Analysis		M 0	IstoT	48	49	49	48	47	49	48	49	48	48	48	49	49	47	49	48	48	48	49	48
ехаш	Chen	Practical-I	For 50 M	M01 101 AI	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
\nnua	Course:	Prac		Expt for 40M	38	39	39	38	37	39	38	39	38	38	38	39	39	37	39	38	38	38	39	38
RGA dysis /	0	aper-	lysis	001 IntoT	94	95	76	96	94	97	94	94	96	94	92	26	95	- 6	16	76	95	96	76	76
ULBA al Ana		Threory Paper-	Water Analysis	M02 101 AI	19	19	19	18	18	19	19	18	19	18	17	19	19	61	19	19	19	18	19	19
CE, GI		Thr	Wate	Theory for 80M	75	92	78	78	92	78	75	92	77	92	75	78	9/	78	78	78	92	78	78	78
CIEN urse : C		Pape	mical	001 latoT	96	94	94	96	16	96	95	76	96	76	95	76	76	94	76	76	96	6	96	76
E OF S	18-19	Threory Pape	General Chemical Analysis	M02 703 AI	18	19	18	19	19	18	19	19	18	19	19	16	19	18	19	19	19	19	18	19
LLEG	AR 20	T	Gener	Theory for 80M	78	75	92	77	78	78	92	78	78	78	92	78	78	92	78	78	11	78	78	78
SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA a University Gulbarga COP certificate course: Chemical Analysis	em FOR ACADEMIC YEAR 2018-19		ractical: 50 marks	Father Name	VAIINATH	NINGAPPA MANGODI	ANNARAO	VIRENDRA	REVANSIDDAPPA	SOMNATH	MADIVALAPPA K	GHALEPPA OTAGI	MAHARUDRAPPA	SHANTAPPA	JAGADISH	BASVARAJ	JALALUDDIN	BASALINGAPPA MYALOG	IRANNA	ABHAYRAO KULKARNI	ANJAYYA GUTTEDAR	BASALINGAPPA	LAXMIKANT	BABU
SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA UGC Sponsored and Aproved by Gulbarga University Gulbarga COP certificate course : Chemical Analysis Annual examination Marks List 2018 - 19	12 Class; BSc V and VI Sem	1	Max. Marks - Theory: 100 marks And Practical:	Candidates Name	1749250 CHAITANYA	TEKHAR N M			1749301 RENUKA	SHREYA	SHRUTI	1749321 SHWETA OTAGI	1749334 SOUMYA	1749335 SOUMYA ROOGI		1749344 VEENA D	1749348 YASMIN RUBY PATWARI	ANJANA	1749443 ANJANADEVI	1749439 ANUSHA	BASAMMA	1749449 BHUVANESHWARI	GIRISH	1749523 GUNDAMMA
GC Sponso	DE: C312	100	x. Marks	Reg. No	1749250	1749251	1749498	1749277	1749301	1749315	1749317	1749321	1749334	1749335	1749337 SWATI	1749344	1749348	1749442 ANJANA	1749443	1749439	1749532	1749449	1749454 GIRISH	1749523
5	OLLEGE CODE:		Ma	Roll No	13	14	16	41	19	92	78	80	85	98	16	95	101	211	212	213	216	218	221	222
	OLLE			ONI	s -	, ,	3	4	5	9	7	∞	6	10	111	12	13	14	15	91	17	18	61	20

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286	AR	AD	291	284	200	767	588	285	707	107	588	586	200	007	287	289	200	767	291	287	267	202	20
48	107	48	48	47	1	49	48	48	2 9	48	48	48	0,	49	48	48	9	43	49	48	49		C#
10	2	01	10	10	2	0	10	10	0.	2	10	10	2 5	01	10	10	2	10	10	10	10		OT .
20	00	38	38	27	10	39	38	20	00	38	38	20	20	38	38	20	20	39	39	38	39	000	25
01	40	48	49	107	40	49	48	40	40	48	48	01	49	48	48	07	40	49	49	48	49	9	5
10		10	10		01	10	10	101	P	10	10	1	2	10	10	9	2	01	10	10	10	1	20
200	38	38	30	6	38	39	38	000	38	38	38	3	38	38	38	000	28	39	39	38	39	3 3	33
1	95	96	0.7		94	76	0.7	1	3	95	07	;	97	96	76	:	16	92	76	96	07	5	88
-	16	18	10	4	18	19	10		19	18	10	7	19	18	18	21	16	18	19	18	18	01	19
T	9/	78	100	8/	9/	78	10	0/	9/	77	70	0/	78	78	76	2	78	79	78	78	70	6/	79
Ī	95	96	3	16	95	4		2	94	96	70	2	96	96	07	16	96	97	96	95	0.7	16	97
	18	10	6	19	19	10	0.	18	18	19	10	18	18	19	10	13	18	19	18	19	10	13	19
	77	76	0/	78	9/	78	0,1	8/	92	77	10	8/	78	17	10	0/	78	78	78	92	70	0/	78
	BALRAJ	Add to the transce	GURULINGAPPA	BASAVARAJ	SHANKAR	CITIZAVIDAD LIDBE	SHIVAROMAN OFFE	RAMESH BHATT	SIDDAYYA	PITAMBAR BAO	CIPI MINISTERIO	BHEEMARAYA D PAILL	UDAYKUMAR	CHANDRASHEKHAR REDI	Traduction of the state of the	MAHIPAL KEDDY	ASHOK KUMAR H	ASHOK KULKARNI	RAVINDRA BIDARI	SHARANABASAPPA	The same and the party	DAULAIKAYAPAIIL	RAMANNA
	1749456 KAVYA	THE PERSON OF TH	1749462 MANJUNATH YANGUNII	1749468 OMKAR	1740470 DRIVANKA	V FINITAL STATES	1749473 SANGEETA	1752818 SHRIPAD BHATT	1749482 SHWETA	1740480 CHRETA	SU SHWEIA	1749481 SHWETA B P	1749490 SONY	1252064 SDANDANA	STAINDAINA	254 1749487 SUDHARANI	1749488 SUSHMITA	1749493 VAISHNAVI	1749496 VEERESH R B	TANDA VIDA SHIPE	VIDIASHINE	1749522 VIDYASHREE D PATIL	262 1749524 VIJAYALAKSHMI
	174945	11474	174946	174946	TAOAT	146441	174947	175281	174948	374040	1/4940	174948	174949	175206	1/3300	174948	174948	174949	174940	TANDAR	1/4945	174952	174952
	22.4	477	228	233	_	_	240	244	747	_	242	249	156	_	707	254	256	258	250		700	261	262
	10	17	22	23	3	47	25	26	7.0	17	97	29	30	3	31	32	55	2.4	35	35	36	37	38

PRINCIPAL PRINCIPAL SHARNBASVSSHWAR COLLEGE OF SCIENCE, GULBARGA

o-ordinator

GC, Carrier Oriented Course (Chemical Analysis. Sharnbesveshwar College of Science GULBARGA-3.

Head
Head
Department of Chemistry
Sharnbasveshwar College of Science
KALABURAGI

Sharnbasveshwar College of Science, Gulbarga

Result of UGC Sponsored (Gulbarga University Gulbarga Approved) COC course In Chemical Analysis, examination held in April-2019 is here by declared.

The candidates with following Register Number are passed with distinction.

College: C312 Sharnbasveshwar College of Science, Gulbarga

1749250	1749251	1749498	1749277	1749301	1749315	1749317	1749321
1749334	1749335	1749337	1749344	1749348	1749442	1749443	1749439
1749532	174,9449	1749454	1749523	1749456	1749462	1749468	1749470
1749473	1752818	1749482	1749480	1749481	1749490	1753064	
1749488	1749493	1749496	1749497	1749522	1749524		

Result Analysis

College:

C312 Sharnbasveshwar College of Science, Gulbarga

Department:

Chemistry

Course:

UGC Sponsored (Gulbarga University Gulbarga Approved)

COC course in Chemical Analysis.

Number of candidates registered for the course:

45 Number of candidates appeared for the examination: 38

Number of candidates passed the examination:

38

Percentage of passing:

100%

Coordinator

Co-ordinator C, Carrier Oriented Course (Chemical Analysis Sharnbasveshwar College of Science GULBARGA-3.

SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA