To,

The Principal

Sharanabasaveshwar College of Science

Kalaburagi - 3

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

academic year 2017-18

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 2017-18.

Kindly acknowledge the receipt of the same.

Thanking you

3

Coordinator

Co-ordinator
GC, Carrier Oriented Course (Chemical Analysis)
Sharnbasvesh war College of Science.
GULBARGA-3

HOP Head

Department of Chemistry

Sharnbasveshwar College of Science

KALABURAGI

Encl: -

- 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,

Kalaburagi - 585103,

Karnataka

(Affiliated to Gulbarga University, Gulbarga)

Progress Report

On

Career Oriented course - "Chemical Analysis"

For the academic year 2017 -18 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

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	Seed Money approved (Rs. in lakh)	Grant released (90%)
Science Science	digit blocker to see	
Hardware and Networking Chemical Analysis	Rs. 10.00 Rs. 10.00	Rs. 9,00,000/- Rs. 9,00,000/-
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.

PRINCIPAL MARNBARYESHIVAR COLLINGE OF SCIENCE GLABARSA 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 1. payment during the current financial year 2011-12.

S. No.	Component	Head of A/c	Amount
1.	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/-

The amount of grant shall be drawn by the Under Secretary (Drawing and 2. 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.

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

items of expenditure.

7.

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.

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. A Register of Assets acquired wholly or substantially out of the grant shall

be maintained by the University in the prescribed form.

The grantee institution shall ensure the Utilization of grants-in-aid for 8. 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.

> SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA

The University/ College shall implement the programme from the 9. academic year 2011-12 positively and UGC to be informed in this

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

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

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

scheduled Caste and Scheduled Tribes.

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

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

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

- The Universities/ Colleges shall submit Annual Progress Report to the 15. UGC office.
- The Universities/ Colleges already running the Career Oriented 16. Courses and completed 5 years would submit the audited utilization certificate/ statement of expenditure immediately to the UGC for settlement the accounts.
- 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

OF SCIENCE, GULBARGAMAR SCIENCE, GULBARG SHARNBASVESHWAR COLLEGE



GULBARGA UNIVERSITY

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

Fax:

E-Mail:

08472-263206 root @guluni.kar.nic.in

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

ದಿನಾಂಕ: /- 4-) २

ಅಧಿಸೂಚನೆ

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

ಉಲ್ಲೇಖ: 1) ರಸಾಯನಶಾಸ್ತ್ರಸ್ನಾತಕ 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 ಕೋರ್ಸ್ ಹೊಂದಿರುವ ಮಹಾವಿದ್ಯಾಲಯದ ಪ್ರಾಂಶುಪಾಲರಿಗೆ.

ಪ್ರತಿ:

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

2) ಕ್ರ್ಯಪತಿಗಳ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ / ಕುಲಸಚಿವರ ಆಪ್ತ ಸಹಾಯಕರ ಮಾಹಿತಿಗಾಗಿ.

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Sharnbasveshwar

College of Science Kalaburagi - 585103 (Karnataka)



ಶರಣಐಸವೇಶ್ವರ

ವಿಚ್ಚಾನ ಮಹಾವಿದ್ಯಾಲಯ, ಕಲಖುರಗಿ-೫೮೫ ೧೦೩ (ಕರ್ನಾಟಕ)



utions Run by Centenary Celebrated weshwar Vidya Vardhak Sangha, Gulbarga va University, Gulbarga 2013 sheet Vidyo Varchalt Sangha, Gulbarga 1933 Engrering College for Women, Guibarga 2011 in of Engineering & Technology, Guibarga 2002 ate of Engineering Science & Technology 2011 Cenc. & Digital Electronics Nisty Engineering College, Shorapur 2010 u Engineering College, Bidar 2011 Appe Institute for MCA, Guilberga 1999 1998

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vir Printing & Publication, Gulbarga

Yomen, Guibergo

ppa Appa P.U. College for Women, Gulbarga and Appa Arts & Commerce

1969

1973

sinst Atts College, Gulbarga

har Grantiavishwa Vidya Nilaya, Gulbarga 1978 luar College of BBM, Gulbarga 1996 (a Residential P.U. Science College, Gulbarga 1999 Residential and P.U. Science College 1999 ops Appa BCA College for Women, Gulbarga 2001 Residential SCA College for Women, Gulbarga, 2001 Appe BCA College, Basarakalyan 2001 hvar BCA College, Gulbarga 2001 a Residential BBM College, Gulbarga 2004

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(Affiliated to Gulbarga University, Kalaburagi and Recognised by the Government of Karnataka) 雪: (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]

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

Dated:12.01.2012

Dated: 30.09.2011

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

PRINCIPAL SHARNBASVESHWAR COLLEGE OF SCIENCE GULBARGA

HARNBASAVESHWAR COLLEGE

OF SCIENCE GULBARGA

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
Practical-I (30 marks)	05	05	10	50marks
Practical- II (30 marks)	05	05	10	50marks

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.

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. 10hours

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.

Oshours

Books Recommended:

- 1. Analytical Chemistry Dr Alka L Guptha, Pragathi Prakashan, Meerut.
- The Chemical Analysis of Water: General Principles and Techniques
 DTE Hunt, Anthony Leslie Wilson
- Fundamentals of Analytical Chemistry–D A Skoog, DM West, Holler and Crouch, Saunders publishing, Newyork.
- Qualitative Analysis

 RA Day and AL Underwood, Prentice Hall, Inc, New Delhi.
- 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).

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 emission spectrometry, Atomic-Absorption colorimetry, Flame Spectrometry (AAS), Mass spectrometry, Infrared spectrometry, High performance liquid chromatography, PH-meter and turbidometry. 10hours

Books Recommended:

- 1. Methods in Environmental Analysis Water soil and air—PK Gupta
- 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

 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:

- 1. Estimation of cu⁺² present in the given solution colorimetrically.
- 2. 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:

- 1. Advanced Practical Inorganic chemistry—Gurudeep Raj(goel 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, Jakali, Mohandas, Israney, Turakhia(Himalaya Publishing House)

Sharnbasveshwar College of Science, Gulbarga

UGC Sponsored and Gulbarga University Gulbarga Approved COC course In Chemical Analysis 2017-18

List of Teaching Faculty

Sl no	Name of the teacher and Institution
1	Dr. Smt Swaruprani H
	Department of Chemistry
	Sharnbasveshwar College of Science, Kalaburagi
2	Dr. R K Shikkargol
	Department of Chemistry
	Sharnbasveshwar College of Science, Kalaburagi
3	Smt Gouramma Patil
	Lecturer in Chemistry
	Sharnbasveshwar College of Science, Kalaburagi
4	Mr Siddaram Patil
	Lecturer in Chemistry
	Sharnbasveshwar College of Science, Kalaburagi

Du.

Coordinator

Co-ordinator

Co., Carrier Oriented Course (Chemical Analysis)

Sharnbasveshwar College of Science.

GULBARGA-3.

PRINCIPAL SHARNBASVEENWAR COLLEGE OF SCIENCE, GULBARGA

SHARNBASVESHWAR COLLEGE OF SCIENCE, KALABURAGI

(UGC sponsored and approved by Gulbarga University Gulbarga)

Selection list of BSc SEM students 2017-18 applied for UGC sponsored COP certificated Course – Chemical Analysis

Sl no.	Roll no.	Reg. o.	Name of the student	Father name
1	4	1645210	AMRUTA HALVI	SHARNBASAPPA
2	8	1645215	ARCHANA	BHAGAVAN HIBARE
3	9	1645216	ARPITA	RAGHUNATH
4	10	1645217	ASHARANI	GOURISHANKAR
5	11	1645218	ASHWINI	ASHOK
6	28	1645231	CHAITRA	NAGENDRA
7	31	1645637	DIVYALAXMI	UDAYKUMAR PATIL
8	42	1645239	PARVATI	BANDAPPA
9	48	1645246	P SUREKHA	P RAMAKRISHNA
10	49	1645295	PRAGNYA	MALAPPA
11	68	1645264	SHREEDHAR	CHANNAPPA SANKH
12	76	1645273	SOUMYA DAWANKAR	SHARANABASAPPA
13	77	1645299	SNTOSHI	NAGAPPA
14	81	1645304	SUPRIYA	BASAVARAJ
15	85	1645277	USHA	SUGANNA GOGI
16	88	1645280	VIJAYLAXMI	KALYANAPPA
17	91	1645307	VIJAYLAXMI	LOKESH RATHOD
18	149	1645375	ASHWINI	VEERSHETTY
19	152	1645413	AISHWARYA	SHIVASHARANAPPA
20	160	1645381	HARSHA	VAIJINATH
21	167	1645387	MAHESH	VILAS TANWADE
22	173	1645391	PARVATI	SHARANABASAPPA
23	172	1645420	NIRGUN PATIL	SHARANABASAPPA
24	179	1645396	ROHIT	SURESH PATIL
25	180	1645397	ROHINI	SANGAMESH
26	181	1645424	RENUKA	VIJAYKUMAR

27	182	1645398	SHARANESH	RACHAYYA
28	183	1645399	SANJANA	RAJASHEKHAR
29	184	1645400	SAVITA	PARVATREDDY
30	188	1645404	SUSHMA	SHIVARAJ
31	195	1645430	SIDDALINGAPPA	SURYAKANT
32	201	1645434	TRIVENI	SHANTREDDY
33	202	1645438	TARANNUM SALMA	MOHAMMAD ISHAQUE
34	203	1645407	UJJWALA	BASAVARAJ
35	206	1645436	VASANT	LADAPPA POOJARI



COORDINATOR

Co-ordinator
Co-or

PRINCIPAL SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA

Annual examination Marks List 2017 - 10		Practical-II	For 50 M	(01)AI IstoT	10 49 257	10 46 263	10 46 267	10 47 270	10 46 251	10 47 258	10 49 288	10 47 251	10 47 271	10 46 246	10 47 260	10 48 272	72 74 01	+	40	94	\$ 5	7	12	y _F
	Course: Chemical Analysis	Pı	F	Expt for 40M	39	36	36	37	36	37	39	37	37	36	37	38	37	37	30	20 00	32	37	37	35
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	Cours			Expt for 40M	39	38	37	36	37	38	40	38	38	39	38	37	38	37	30	25	80 8	38	30	30
		Paper-I	ılysis	001 latoT	80	85	81	68	81	82	96	74	85	73	08	06	08	9 5	1/	2/8	88	3 8	2/2	2 2
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			Wa	Theory for 80M	. 62	99	3	202	63	2	77	57	99	2 42	19	7	1 6	2 5	23				5 8	
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	100 00 1	T	Gene	Преогу бог 80М	L S	3	70 27	70	09	62	75	64	5 5	0,0	8 0	80 6	2 2	2	63	45	71	20	63	00
UGC Sponsored and Aproved by Guibarga University Caroning		FOR ACADEMIC TEAR 2017-10	ical: 50 marks	Father Name		SHAKNBASAFFA	BHAGAVAN HIBAKE	COMBISHANKAR	ASHOK	NACENIDA	TIDAXWIRAND DATII	UDAINUMANIAIE	BANDAFFA	P KAMAKKISHINA	MALAPPA	CHANNAPPA SANKH	SHAKNBASAFFA	NAGAPPA	BASAVARAJ	SUGANNA GOGI	KALYANAPPA	LOKESH RATHOD	VEERSHETTY	SHIVASHARANAPPA
Sored and Aproved by Canana		Class: BSc V and VI Sem	Max. Marks - Theory: 100 marks And Practical: 50 marks	Candidates Name		AMRUTA HALVI	ARCHANA	ARPITA	ASHARANI	ASHWINI	CHAITRA	DIVYALAXMI	PARVATI	P SULEKHA	PRAGNYA		SOUMYA DAWANKAR	1645299 SANTOSHI	SUPRIYA	USHA	VIJAYLAXMI	_	ASHWINI	AISHWARYA
UGC Spon		DE: C312	Marks - 7	Reg. No				1645216	1645217		1645231				1645295	1645264	1645273	1645299	1645304		1645280	1645307	1645375	1645413
1		COLLEGE CODE:	Max.	Roll No		4	00	6	10	=	28	31	42	48	49	89	92	11	81	85	88	16	149	152
70		OLLE		ON	V IS	1	2	3	4	5	9	7	80	6	10	11	12	13	14	15	91	17	18	19

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46	49	48	96	46	48	"	40	45	07	49	49		48	11	-	49	49	2	49	65	
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36	39	20	00	36	38	10	36	35	00	39	30	3	38	11	10	39	30	20	39	30	3
47	48	77	40	49	47	,	47	46	-	20	87		47	1	40	20	02	OC	20	01	-
10	10	10	2	10	10	3	2	10	1	10	10	AT .	10	10	OI	10	10	OI.	10	10	707
37	38	11	30	39	37		37	36		40	20	20	37	1	36	40	40	40	40	00	39
68	81	00	78	74	80		9/	93	2	88	00	89	82	3	81	83	00	88	92	12	14
19	18		17	19	10		19	10	7	17		/1	19		19	18		19	18	,	1/1
10	63	1	65	55	10	2	57	7.4	1.1	11	-	7/	63	3	62	65		70	74		57
87	84		83	93	10	17	82	70	00	93		91	83	60	88	83	3	92	94		87
18	17		18	18	10	10	18	17	/1	18	10000	18	18	01	17	19		18	17	1,7	18
69	1.9		65	75	22	()	29	07	60	75		73	37	00	71	64	5	74	77	11	69
VITASTANWADE	CHAPANABASAPPA	SHANAMARASHIA	SHARANABASAPPA	STRESHPATIL	100000000000000000000000000000000000000	SANGAMESH	VIJAYKUMAR		RACHAYYA	RAJASHEKHAR		PARVATREDDY	TAGATTA	SHIVAKAJ	SURYAKANT	CHANTBEDDY	SHANINEDDI	MOHAMMAD ISHAQUE	PACATTABAT	BASAVAKAJ	LADAPPA POOJARI
1645387 MAHESH	MAHESII	PARVAII	1645420 NIRGUN PATIL	тном учет	NOTHER	1645397 ROHINI	1645424 RENITKA		1645398 SHARANESH	1645309 SANIANA	O'CHANGE WAY	1645400 SAVITA		1645404 SUSHMA	1645430 SIDDAT INGAPPA	The state of the s	34 IRIVENI	1645438 TARANNIM SALMA	THE PROPERTY OF	107 UJJWALA	TKASA36 WASANT
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1	17	77	23	70	47	25	36	3	27	30	07	20	1	30	23	10	32	23	25	34	50

PRINCIPAL SHARNBASVESHWAR COLLEGE OF SCIENCE, GUŁDARGA Department of Chemistry Shambasveshwar College of Science KALABURAGI

Co-ordinator

Co-ordinator

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

Sharnbasveshwar College of Science, Gulbarga

Result of UGC Sponsored (Gulbarga University Gulbarga Approved) COC course in Chemical Analysis, examination held in April-2018 is here by declared.

The candidates with following Register Number are passed with distinction.

College: C312 Sharnbasveshwar College of Science, Gulbarga

1645210	1645215	1645216	1645017				Mark I was the last
		1043210	1645217	1645218	1645231	1645637	1645239
1645246	1645295	1645264	1645273	1645299	1645304	1645277	1645280
1645307	1645375	1645413	1645381	1645387	1645391	1645420	1645396
1645397	1645424	1645398	1645399	1645400	1645404	1645430	1645434
1645438	1645407	1645436	10 (00)	1045400	1045404	1045450	1043434

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:

42

Number of candidates passed the examination:

42

Percentage of passing:

100%

8

Coordinator

PRINCIPAL SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA

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



Annexure V

UNIVERSITY GRANTS COMMISSION (CAREER ORIENTED PROGRAMME) PROFORMA FOR SUBMISSION OF STATEMENT OF EXPENDITURE INCURRED FOR THE INTRODUCTION OF CAREER ORIENTED COURSES

- 1. Name of the College/University:Sharnbasveshwar College of Science, Gulbarga Name of the Career Oriented Course:Chemical Analysis.
- 2. No. & date of UGC's approval: F. No.4-347/2011(COC), dated 12.01.2012
- 3. Period to which the accounts related: w.e.f. 01.04.2017 to 31.03.2018 Details of actual expenditure incurred: Rs. 80,000.00 Grant approved Rs. 10,00,000.00 Grant released Rs. 9,00,000.00 Expenditure Unspent balance (i) (ii) (iii) (iv) Rs. 4,84,055.00 Seed Money:

I.) Books/Journals

: Rs. NIL

II.) Equipment

:Rs. NIL

III) Guest Faculty

:Rs. 25,000.00

IV) Remuneration of Co-ordinator

: Rs.5,000.00

Note:

- The statement of expenditure should be filled up separately for each Career Oriented Courses.
- II) List of equipment purchased should be submitted.
- III) Details of periods taken, amount paid to each teacher by name under guest faculty and internal faculty should be submitted.

Coordinator

Co-ordinator
Co-ordinator
Course (Chemical Analysis)
Charnbasveshwar College of Science.
Govt. Auditor/C.A.

SHARNBASVESHWAR COLLECT

SHARNBASVESHWAR COLLEGE OF SCIENCE

REMUNERATION PAID TO FACULTY MEMBERS FOR CAREER ORIENTED PROGRAMME DURING THE ACADEMIC YEAR 2017-18 (UGC XI-PLAN)

NAME OF THE COLLGE : SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA

NAME OF THE PROGRAMME

: CHEMCAL ANALYSIS

GRANT SANCTION LETTER NO.

: F No.4-347/2011(COC) JAN.2012

Dr Swaruparani H	Remuneration to Programme coordinator per year	Rs 5000.00	\$
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S.No.	Name of Faculty members	No. of (Theory & Practical) periods taken @ 250/- per period	Total amount actually paid to faculty member in Rs	Signature of the faculty member
01	Smt Gouramma Patil	20	5000.00	gento.
02	Mr Sidram Patil	30	7500.00	2
03	Miss Chaitra Rajendra	20	5,000.00	Prijo
04	Mr Dastgeer	20	5,000.00	Dr.
05	Mr Channabasava	10	2500.00	0
	Total amount dispersed to the faculty members	100 periods	25000.00	

COURSE COORDINATOR

Co-ordinator

OC. Carrier Oriented Course (Chemical Analysis)
Sharnbasveshwar College of Science
GULBARGA-3

DEPRINCIPAL S

PRINCIPAL SHARNBASAVESHWAR COLLEGE OF SCIENCE GULBARGA

STATEMENT SHOWING THAT THE EXPENDITURE DETAIL FOR THE CAREER ORIENTED COURSE (UGC - XI PLAN) DURING THE ACADEMIC YEAR 2017-18

Name of the Career Oriented Programme: Chemical analysis

SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA NAME OF THE COLLEGE

F. NO.4-347/2011(COC), dated 12.01.2012. GRANT SANCTION LETTER NO:

PARTICULARS	IOIAL
	AMOUNT
Remuneration To Programme Coordinator Per Year	5,000.00
Remuneration Paid To The Faculty Members @ 250 Per Period (Theory – 150 & Practical – 150)	35,000.00
Books & Reading Materials	1
Equipments / Chemicals	1
Contingency	1
Total Expenditure in Rs	30,000.00
	(Theory – 150 & Practical – 150) Books & Reading Materials Equipments / Chemicals Contingency Total Expenditure in Rs



COURSECCERREPHENE CHarse (Chemical Analysis)
Sharnbasveshwar College of Science.
(Dr. Smt Swaruprang UDBARGA-3.



PRINCIPAL SHARNBASVESHWAR COLLEGE OF SCIENCE, GLLBARGA