### **Certificate course**

on

### "Introduction to Bio informatics"

Organized by

**Department of Microbiology, Osmania University, Hyderabad** 

**Government Degree College, Khairatabad** 

During 08.03.22023 to 08.04.2023



**Department of Microbiology** 

**Government Degree College, Khairatabad, Hyderabad** 

### **Government Degree College, Khaiaratabad**

### **Department of Microbiology**

### Certificate course entitled "Introduction to certificate course"

### **During 8 March to 8 April 2023**

### Introduction:

Bioinformatics is the application of tools of computation and analysis to the capture and interpretation of biological data. Bioinformatics is essential for management of data in modern biology and medicine. Bioinformatics is branch of science that deals with the biological data, DNA, RNA and proteins information. As an interdisciplinary field of science, bioinformatics combines biology, chemistry, physics, computer science, information engineering, mathematics and statistics to analyze and interpret the biological data. Bioinformatics has been used for *in silico* analyses of biological queries using computational and statistical techniques.

Bioinformatics has variety of applications as follows:

- In Gene therapy.
- In Evolutionary studies.
- In Microbial applications.
- In Prediction of Protein Structure.
- For the Storage and Retrieval of Data.
- In the field of medicine, used in the discovery of new drugs.
- In Biometrical Analysis for identification and access control for improvising crop management, crop production and pest control.

### **Objectives:**

- To give insights about the introduction of bioinformatics and applications
- To learn about the databases and their importance

- To make awareness about the sequence comparison by BLAST, Multiple sequence alignment
- To know about the phylogenetic tree construction and applications
- To learn about the protein secondary and tertiary structure of protein
- To make awareness about the homology modelling protein structure prediction
- To get awareness about the molecular docking for drug discovery

### **Expected outcome:**

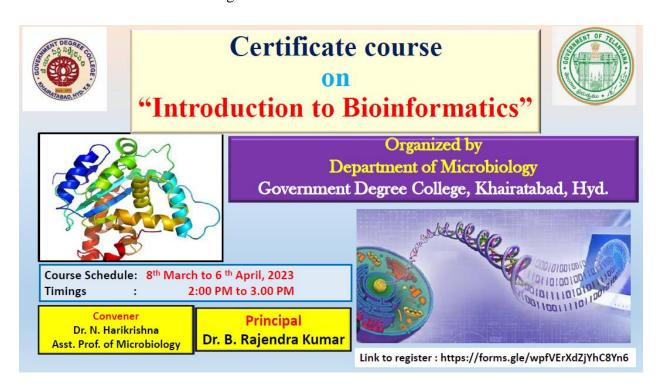
- Participants will learn about the hands on experience about the bioinformatics data analysis
- Participant get acquaint with retrieval of data from data bases
- Participant learn about the procedure for sequence comparison with online tools such BLAST and CLUSTALW and MUSCLE and phylogenetic tree construction with the MEGA XI software
- Usage of swiss model for production of protein tertiary structure with hands on experience.

### **Brief Report about the certificate course:**

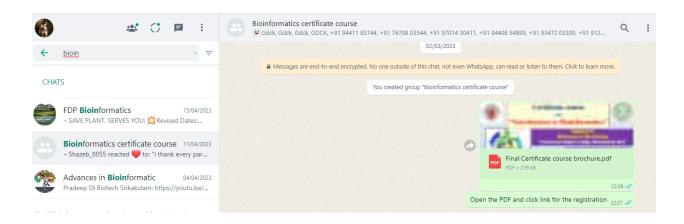
Certificate entitled "Introduction to Bioinformatics" was organised by the Department of Microbiology. A total of 35 students were registered and participated actively. A total of 30 classes were conducted by the Dr. N. Harikrishna, Assistant Professor of Microbiology. In this certificate course following content was discussed and practical's hands on experience are conducted.

- 1. Introduction to bioinformatics: History of Bioinformatics, Introduction, Development and applications of bioinformatics, DNA and Protein structure
- 2. Databases: Types of databases- sequence, structural, metabolic, primary and secondary databases, retrieval of data from databases
- 3. Sequence alignment: Global alignment, local alignment, Pairwise alignment and Multiple sequence alignment. (BLAST, CLUSTALW, MUSCLE)

- 4. Phylogenetic tree construction: Types of tree, construction and analysis of phylogentic tree with MEGA software
- 5. Protein secondary structure properties composition, occurrence, properties of secondary structure: Hydrophobicity, solvent accessibility, ASA, folding rate, prediction of secondary structure using online tools (PHD, Phyre 2)
- 6. Protein tertiary structure prediction: Homology modelling, Swiss model generation
- 7. Molecular docking:



The classes of certificate conducted in the department of Botany laboratory. Practical hands on experience classes conducted in collaboration with the department of Computer Science Department. For sharing of notes and other information a Whatsapp group was created. Students were actively involved in the theory and practical classes. At the end of the course examination was conducted and all of them secured more than 60% of marks. Feedback forms are collected at end of the course. Finally certificate were distributed to the students on valedictory session.







Participants performing Hands on experience on Bioinformatics practical's













Certificate distribution and valedictory session on 25.04.2023

### **CERTIFICATE COURSE-2022-23**



### GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HÝDERABAD





CERTIFICATE AWARDING CEREMONY

Certificate course

on



20.02.2023 - 16.03.2023



Chief guest: Prof.P.Bala Bhaskar

Principal
Principal
Govt.City College
Nayapul

Date and time: 20.03.2023 @ 11:30am

Dr. CHANDANA.N
Convenor & HoD Dept. of Physics

<u>Venue</u> : Seminar hall

Sri.A.SUDARSHAN & Smt.K.HARIKA

**Organizers** 



### GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD







**CERTIFICATE COURSE** 

on



"ELECTRICAL WIRING AND INSTALLATION"

A COMPLETE HANDS-ON COURSE 20.02.2023 - 16.03.2023

Venue:
Department of Physics

Dr.CHANDANA.N

Convenor & I/C
Dept.of Physics

Sri.A.SUDARSHAN Smt.K.HARIKA Organizers Dr.B.RAJENDRA KUMAR Principal

### GOVERNMENT DEGREE COLLEGE, KHAIRATABAD, HYDERABAD

### DEPARTMENT OF PHYSICS

Certificate Course – "Electrical Wiring and Installation"

Certificate presentation ceremony
20.03.2023

### Program schedule

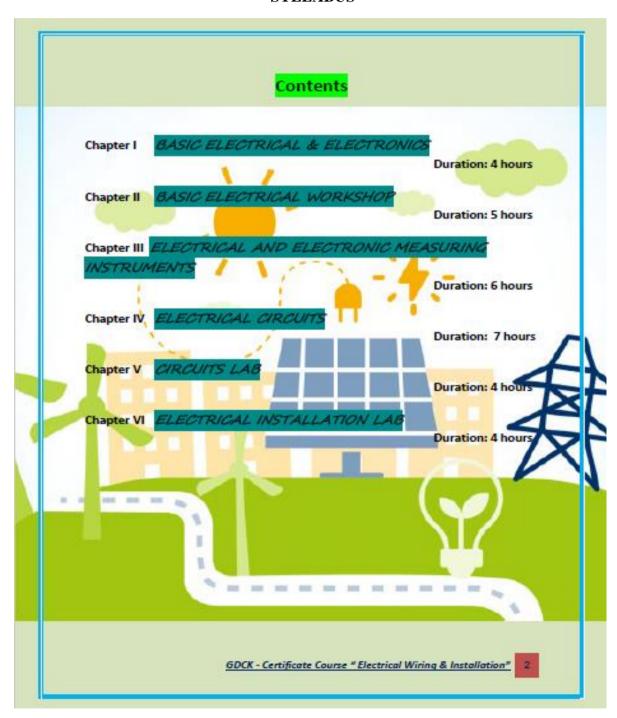
- Welcoming guests on to the dias @ 11:30am
- Brief report on the certificate course held by Dr.Chandana.N @11:35am
- Principal's message @ 11:40am
- Chief guest introduction by Sri.A.Sudarshan @11:50am
- Chief guest's message @11:55am
- Distribution of certificates to the students @12:10pm
- Felicitation@ 12:30pm
- Feedback from the students@ 12:35pm
- Concluding remarks and Vote of thanks by Dr.Chandana.N @ 12:40pm

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### **REPORT:**

The department of Physics has conducted a certificate course on "Electrical wiring and Installation" from 20.02.2023 to 16.03.2023 of 30 hours duration. A total number of 30 students have participated and got certified in the hands on certificate course. Mr. Srinu , Electrician has trained the students for fifteen days. Prof. P. Bala Bhaskar Sir , Principal of Govt. City College has addressed the students as a chief guest for the valedictory session and presented certificates to the students.

### **SYLLABUS**



### **Certificate Course**

### "Electrical Wiring & Installation"

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3	B. Manaswini	III/MPCs	114020468021	7386972235
4	Kasa Shiva Kumar	III/MPCs	114020468058	8106229711
5	Dinesh	III/MPC	114020441040	9154422722
6	RAHUL KUMAR YADAV	II/MPCs	114021468098	7702457803
7	K. Santhosh	II/MPCs	114021468057	8801460119
8	Tanguturi prakash	II/MPCs	114021468107	8919790458
9	Manikanth	II/MPC	114021441022	9392401850
10	Mohammed Rahil	III/MPCs	114020468082	9133793313
11	Shaik Dastagir	III/MPCs	114020468120	7386413738
12	V ARAVIND	III/MPCs	114020468128	6300142062
13	GUGULOTHU MAHESH	III/MPC	114020441027	7013685647
14	N Ravindar	II/MPCs	114021468079	8688797180
15	Mohammad Amrez Pasha	III/MPCs	114020468081	9701427880
16	A.Madhav krishna	II/MPCs	114021468009	9494845310
17	D.Raviteja	III/MPCs	114020468033	6260428427
18	M.Naveen	II/MPCs	114021468075	9100742705
19	Lakshmi	II/MPC	114021441021	8074577043
20	G.Sairam	II/MPCs	114021468038	9121741714
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24	Donda Sriram	III/MPCs	114020468031	6303483985
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	KUMAR	II/MPCs	114021468067	9494569096
27	G.Shiva chandra	III/MPCs	114020468122	

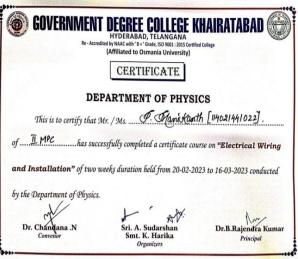
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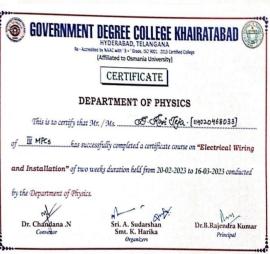




















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# CERTIFICATE COURSE ON TALLY PRIME. UNDER MOU WITH JAYARATNA CENTER OF EXCELLENCE 2022-23

63 Students of I B. com (CA) and II B. com(Tax) have Joined

and attended Tally Essential Course conducted by M/s Jaya Yatna Centre of Excellence. A memo Yandum of understanding was entered between New Grovernment Degree college. Khairatabad and M/s Jayaratna Centre of Excellence for Conduct of Tally Courses for II B. com for the Academic Year 2022-23 Tally Essential Course Classes were conducted for a Period of 10 weeks. Classes were conducted in the college from 11.30 Am to 12.50 PM weekly 5 classes were conducted and successful students have received Certificates from Jayaratna centre of Excellence. List of Students and their Feed back is enclosed.

**Syllabus** 

### TallyEssential Level 1

(Recording & Reporting)

Fundamentals of Accounting

Introduction to TallyPrime

Maintaining Chart of Accounts

Recording and Maintaining Accounting Transactions

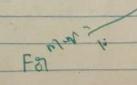
Banking

Generating Financial Statements and MIS Reports

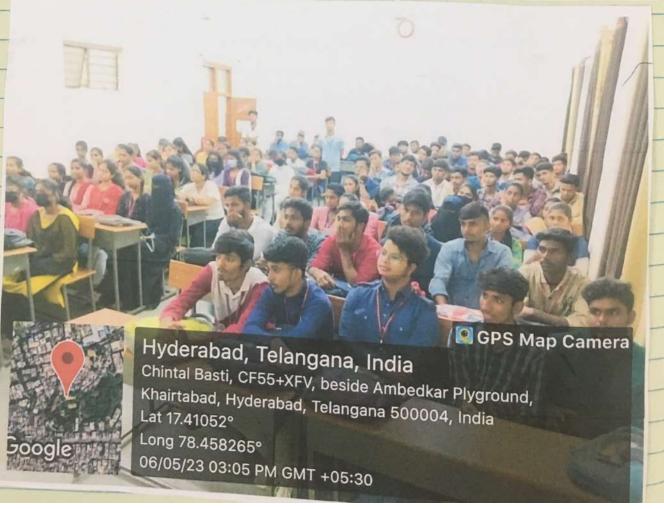
Data Security

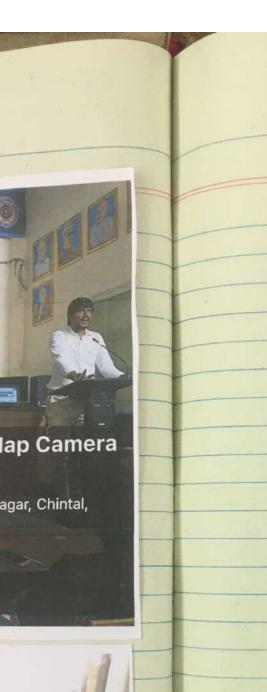
Company Data Management

Goods and Services Tax









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### MEMORANDUM OF UNDERSTANDING (MoU)

### BETWEEN

### NEW GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD DISTRICT, TELANGANA

AND

JAYARATNA CENTRE OF EXCELLENCE JNTU, HYDERABAD

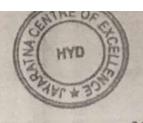
FOR

SKILL DEVELOPMENT
UNDER
"SKILL BRIDGE" PROGRAMME

Plot No: 31, Jai Bharat Nagar, Nizampet Road, Near JNTU Metro Station, KPHB, Hyderabad - 500085







This Memorandum of Understanding (hereinafter called as 'MoU') is entered into on 26th May, 2022 by and between

NEW GOVERNMENT DEGREE COLLEGE, DEPARTMENT OF COMMERCE AND MANAGEMENT, KHAIRATABAD, HYDERABAD DISTRICT, TELANGANA, FIRST PARTY represented herein by Dr. B. Rajendra Kumar, Principal and Dr. R. Praveen Kumar Peddy, Head of the Department, Commerce & Management (hereinafter referred as 'First Party' the institution which expression, unless excluded by or repugnant to the subject or context shall include its successor—in-office, administrators or assigns).

### AND

JAYARATNA CENTRE OF EXCELLENCE, JNTU, HYDERABAD, SECOND PARTY represented herein by Mr. Manohar K., Founder (hereinafter referred as 'Second Party' the institution which expression, unless excluded by or repugnant to the subject or context shall include its successor – in-office, administrators or assigns).

### WHERE AS:

M/s JAYARATNA Centre of Excellence Authorized Training and Assessment Center (TAC) and New Government Degree College, Khairatabad, Hyderabad District, Telangana. We Share the common vision of empowering the students by imparting industry relevant skill sets and increasing their employability.

To achieve our common goal M/S JAYARATNA Centre of Excellence(Authorized Training and Assessment Centre) and College would collaborate on the following framework to execute the students' training.

### Proposed Terms and Conditions:

### Deliverables from JAYARATNA Centre of Excellence:

- 1. Provide training on Licensed TallyPRIME ERP Software (Online Training or Instructor Led Training, can be mutually decided based on the situation)
- 2. Provide authorized courseware from Tally (Now only Digital Content will be provided)
- 3. Enroll all students to the TEPL portal
- 4. Sponsorship of Course Fee
- 5. Provide assessment and certification to the enrolled students

### Deliverables from TEPL for college and all enrolled candidates:

- 1. TallyPRIME ERP Multi-user License on an annual renewable basis on request
- 2. 2\*2 Tally logo signboard to be affixed outside/ inside the computer lab

Plot No: 31, Jai Bharat Nagar, Nizampet Road, Near JNTU Metro Station, KPHB, Hyderabad - 500085







- 3. Online Assessment for the certification
- 4. Digital verifiable Certificate to students who pass the assessment.
- 5. Access for students to the TEPL Candidate Portal
- 6. Mock assessments to students in the Candidate Portal to evaluate their progress

### Deliverables from Government Degree College Administration:

- 1. Necessary student details for the enrollment of students.
- 2. Infrastructure for training and assessment
- 3. Fix Tally logo signboard (as provided by TEPL) to the computer lab
- 4. Utilize the license provided for training purpose only
- 5. Minimum of 100 students for certification for the license to be renewed.

This Agreement will be valid until it is expressly terminated by either party on mutual agreed terms, during which period JAYARATNA Centre of Excellence, the Second Party, as the case may be, will take effective steps for implementation of this MoU. Any act on the part of New Government Degree College, Khairatabad, Hyderabad or JAYARATNA Centre of Excellence, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of MoU.

Both parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of termination, both parties have to discharge their obligations.

Plot No. 31, Jai Bharat Nagar, Nizampet Road, Near JNTU Metro Station, KPHB, Hyderabad - 500085

### AGREED:

For New Government Degree College

Khairatabad, Hyderabad

Head of the Department

Commerce

Witnessed by Mr. N. Giridhar

(Lecturer in Commerce)

For JAYARATNA Centre of Excellence

Authorized Signatory 26/5/92

Page 3 of 4







### Partnership Details:

Name of the College	Name of the Training Centre
New Government Degree College, Khairatabad	JAYARATNA Centre of Excellence
Course: Tally Essential	Course: Tally Essential
Academic Year: 2021-22	Academic Year: 2021-22
Contact Details: 9440890253, 9491844205, 9490807247	Contact Details: 9010218002
Email: gdck2007@gmail.com	Email: contactus@jayaratna.com
Web: https://gdcts.egg.gov.in/khairatabad.edu	Web: www.jayaratna.com
https://gdckhairatabad.ac.in/ Address: Chintal Basthi, Khairatabad, Hyderabad, Hyderabad District, Telangana – 500004.	Address: Plot No: 31, Jai Bharat Nagar, Nizampet Road, Near JNTU Metro Station, KPHB,Hyderabad – 500085.

# Govt, Degree College Khairatabad, Hyderabad DEPARTMENT OF HINDI Certificate Course in Hindi 2022-2023

### **TOPICS:-**

- 1) Introduction to Alphabets
- 2) Introduction to conjuct letters
- 3) Words & Phrases
- 4) Vocabulary
- 5) Formal Conversation
- 6) Normal Conversation
- 7) Pronounce chart
- 8) Hindi Sentence structure

### Objectives:-

Hindi is our National Language. A large number of people today like to read, write and communicate in Hindi.

In the marketing sector Hindi acts as an important medium to attract consumers.

Students have options for skill development in a special field such as poetry, Functional Hindi, Media studies, Linguistics, Theatre arts and Translation. Hindi is a language of common man. Everyone can understand easily.

These could also help them in competitive examinations and get jobs in Academics and Media Studies, as Translators and Script Writers. Functional Hindi empowers the students to go for various business correspondence, Govt.offices, banks ,Railways and its related jobs.





### GOVERNMENT DEGREE COLLEGE, KHAIRATABAD, HYDERABAD

### **DEPARTMENT OF CHEMISTRY**

### **CERTIFICATE COURSE 2022-23**

### **GREEN CHEMISTRY**



Figure 3. Principles of Green Chemistry.

### CIRCULAR

The Department of Chemistry is planning to organize certificate course on GREEN CHEMISTRY

For the academic Year 2022-23 to B.Sc final year students. The course consists of 30 hours duration.

Interested students can give their names to faculty of department of chemistry on or before 20<sup>th</sup>

September 2022.

Principal

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### GOVERNEMENT DEGREE COLLEGE, KHAIRATABAD, HYDERABAD

### **DEPARTMENT OF CHEMISTRY**

### **CERTIFICATE COURSE – (2022-23)**

### **GREEN CHEMISTRY**

Syllabus: (30Hours)

Theory 20hrs

Introduction: Definition of green Chemistry, need of green chemistry, basic principles of Green chemistry.

**Green synthesis:** Evaluation of the type of the reaction (i) Rearrangements (100% atom economic).

- (ii) Addition reaction (100% atom economic) (iii) Pericyclic reactions (no by product). Selection of solvent:
- (i) Aqueous phase reactions (ii) Reactions in ionic liquids (iii) Solid supported synthesis (iv) Solvent free reactions (solid phase reactions)
- (ii) Green catalysts: (i) Phase transfer catalysts (PTC) (ii) Biocatalysts Microwave and Ultrasound assisted green synthesis:
- 1. Aldol condensation
- 2. Cannizzaro reaction
- 3. Diels Alder reactions
- 4. Strecker synthesis
- 5. Williumson synthesis
- 6. Dieckmann condensation.

### (Laboratory Work):

10hrs

- 1. Microwave assisted green synthesis of Asprin
- 2. Base-catalyzed aldol condensation Synthesis of di benzal propanone
- 3. Diel's Alder reaction preparation of adduct from Maleic acid and furan

## GOVERNEMENT DEGREE COLLEGE, KHAIRATABAD, HYDERABAD DEPARTMENT OF CHEMISTRY

### CERTIFICATE COURSE ON GREEN CHEMISTRY

### **COURSE OVERVIEW:**

Green chemistry is the utilization of principles that reduces or eliminates the use or generation of hazardous substances in the design, manufacture and application of chemical products, including fuels, plastics, polymers, synthetic fibers, pharmaceuticals, food additives, fragrances, pesticides, herbicides, and detergents and cleaning supplies. This course will introduce the principles and fundamental concepts of green chemistry and also synthesis of organic compounds using green methods.

Objective: The basic principles of green chemistry addresses various issues related to synthesis of chemical compounds: planning organic synthesis to maximize yield, prevention/minimization of waste, atom economy, the use of less lethal chemicals, use of safer solvents, renewable starting materials, energy efficiency and use of green catalysts. The objective of this study is to elaborate the practical approach of green methods

### Course outcomes: completion of this course, students will be able to:

- 1. Apply the principles of green chemistry to chemical-related problems and waste reduction.
- 2. Able to plan organic synthesis to maximize yield, prevention/minimize waste.
- 3. Calculate atom economy.
- 4. Know the use of safer solvents, renewable starting materials, energy efficiency and use of green catalyst
- Explain how green chemistry principles can be applied for clean and Sustainable Development.

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## GOVERNMENT DECREE COLLEGE, KHAIRATABAD CERTIFICATE COURSE

### GREEN CHEMISTRY EXAM

ATTENDANCE SHEET

DATE: (3-12-2022

S.No.	Name of the student	Hall Ticket Number	Course and Year	Signature of the students
1	Avaduthe Mayadevi	114020441004	III MPC	A. Mayadevi
2	Bobbali Madhu	114020441007	III MPC	R.Madhu ch. Bhaqua
3	Chiluguri Bhagya lakshmi	114020441015	III MPC	ch. Bhagya
4	Chiluveru Nagajyothi	114020441016	III MPC	ch Nagajysti)
5	Darapu Mallika	114020441017	III MPC	D-Matrika
6	Godishela Sainath Goud	114020441025	III MPC	G. Sairety
7	Gotike Maheshwari	114020441026	III MPC	G. Maheshwar G. Mahesh
8	Gugulothu Mahesh	114020441027	III MPC	G makesh
9	Kanagandula Charan	114020441029	III MPC	K. Chy
10	Kethavath Srikanth	114020441031	III MPC	K. Chy
11	Kothakurva Kavitha	114020441032	III MPC	K. Kavitha
12	Kurva Veeresh	114020441033	III MPC	H. Neorett
13	Lingala Shivaji	114020441035	III MPC	L. Shivaji
14	Nelapatla Madhu Babu	114020441038	IIIMPC	n-madhu Bab
15	T. Lavanya	114020441052	III MPC	T. Lavarya.
16	Bandari Sowmya Lakshmi	114020445007	III BZC	B. Sowmy
17	B.Uday Raj	114020445014	III BZC	Billy
18	C.Harish	114020445016	III BZC	C. Harish
19	Chindam Harika	114020445018	III BZC	thurka.

20	C.Thirumalesh	114020445020	III BZC	500
	O'THE MINISTER OF			C.Thirumall.
21	Gillala Kavya Sree	114020445027	III BZC	Jus
22	Golla Vamshi Krishna	114020445030	III BZC	Gi. Yamshi
23	Kasturi Venkata Harish Chandra	114020445041	III BZC	K. Harish
24	Koukuntla Vinod Kumar	114020445050	III BZC	k.vinad kont
25	Maupudi Ajay	114020445064	III BZC	m. Ajay
26	Nappari Ajay Varma	114020445077	III BZC	N. Kingy
27	Peddakota Ramya	114020445086	III BZC	P. Rounge
28	P.Eliyazar	114020445087	III BZC	p. £liyazar
29	Repalle Manisha	114020445095	III BZC	R. manisha.
30	Sandagalla Sravani	114020445097	III BZC	5. Somani
31	Shamala Sandeep	114020445101	III BZC	S. Sandeep
32	Thoompally Naresh	114020445105	III BZC	T. Noregh
33	Vangala Sri Alaya Thanmay	114020445108	III BZC	all .
34	W.Sachin	114020445114	III BZC	! W. Sachin
35	Madishetty Prithi	114020457011	III MZC	19 Prida'
36	Ramashray Goud	114020457017	III MZC	Put
37	Yalakapati Suma	114020457024	III MZC	YSuma
38	G.Bhargavi	114020572002	III Bt BC	61. Bhargau
39	A.Sampada Reddy	114020487001	III MbBtC	Sampada · A
40	Kotimedi Madhavi	114020489003	III BtZC	KHadhain



X

### GOVERNMENT DEGREE COLLEGE KHAIRATABAD CERTIFICATE COURSE: GREEN CHEMISTRY

2022-23

Time: 1 hr Name of the Candidate: D. Mauika Hall Ticket No.:

Max: 30 Marks 1111030411012

Section - I 1. Which of the following is not a principle of green chemistry  $15 \times 2 = 30 \text{ Marks}$ (a) Green solvents and auxiliaries (b) Use of renewable feedstock (c) Hazardous chemical synthesis (d) Design for energy efficiency 2. Green chemistry is the design of chemical products that reduce the use and generation of Hazardous substances. Identify the technique used in the area. (a) Bio amplification (b) Polymer manufacturing (c) Pesticide synthesis let (d) Use of sunlight and Microwave-assisted reaction 3. Identify the non-toxic and green solvent (a) Liquefied carbon dioxide (b) Benzene (c) Carbon tetrachloride (d) Toluene 4. The principles of green chemistry include the eliminating the (a) Costly (b) Harmful (c) Hard (d) Easy 5. The green synthesis methods should have (a) Low efficiency b) High harmful products () Low energy requirements d) Low atom efficiency 6. Which of the following is the universal green solvent (a) Water (b) Benzene(c) hydrogen peroxide (d) Carbon tetrachloride 7. Incorporation of all the reactants into the products is observed in (a) Addition reactions (b) pericyclic reactions (c) Rearrangements (d) All the above 8. Which of the following is used as phase transfer catalyst (a) Primary amine (b) Quaternary ammonium salt (c) Tertiary nitro alkane (d) secondary amine 9. Father of green chemistry [0] (a) Paul T. Anastas (b) Linus Pauling (c) Wholer (d) Mandaleef 10. How many principles are there in Green chemistry (a) 10 (b) 6 (c) 8 (d) 12 11. In order to reduce Energy requirements of the chemical reaction we must use (a) Acid (b) Base (c) Salt (d) Catalyst 12. Which of the following are examples of green chemistry (a) Aldol Condensation (b) Cannizzaro rection (c) Diels alder reaction (d) All the above 13. The Green chemical is used in house hold cleaners to remove stains (a) Citric Acid (b) Acetic Acid (c) Hydrochloric acid (d) water 14. Which one of the following is the greener than the conventional methods. (a) Micro waves (b) Electromagnetic waves (c) Ultra violet waves (d) Radio waves 15. Green chemistry is also called as (a) Life chemistry (b) Environmental chemistry (c) Organic chemistry (d) Sustainable chemistry

### GOVERNMENT DEGREE COLLEGE KHAIRATABAD CERTIFICATE COURSE: GREEN CHEMISTRY

EN CHEMISTRY

Max: 30 Marks

Name of the Candidate:	G-Sainath -	
Hall Ticket No.:	114020441025	
Section - I	15 x 2= 30	Marks
1. Which of the following	g is not a principle of green chemistry auxiliaries (b) Use of renewable feedstock (c) Hazardous chemical sy	nthesis
(d) Design for an analysis	auxiliaries (b) Use of renewable feedstock (c) Hazardous	
(d) Design for energy	cificiency	
2. Green chemistry is the	design of chemical products that reduce the use and generation of	[4]
(a) Rio amplification (b)	. Identify the technique used in the area. b) Polymer manufacturing (c) Pesticide synthesis (4) Use of sunl	ight and
Microwave-assisted	6 (4) * 444	
3. Identify the non-toxic a		[01]
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4. The principles of green	chemistry include the eliminating the treatments.	rai
(a) Costly (b) Harmful	(c) Hard (d) Face.	[4]
5. The green synthesis me		lei
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7. Incorporation of all the	reactants into the products is observed in	1
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Maria Acid (b) Acell	c Acid (c) Hydrochione acid (d) water	[a]
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### **CERTIFICATE COURSE**

1. Title: Mathematics for Competitive Examinations

2. Topics: Average

Percentage

**Profit and loss** 

2. Year of offering: 2021-22

3. No. of times offering during the same year:1

4. Duration of course: 30hrs (1st dec 2021 to 18th dec 2021)

5. No. of students enrol in the year: 30

6.No. of students completed the course in the year :30

7. Name of the resource persons: N. Jayaleela & S. Vinod

38		1st Feb 2021	to	18 Th feb 2021)
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1010 N. Nithin Kumar BA EPP-I N. Nithin Kumar  1011 R. Ravi BA EPP-I R. Ravi  114022555002 D. Anil HECA-I C. Venkatesh goud  5003 E. Venkatesh Groud HECA-I T. Soos K. Saibaba HECA-I M. Prouroth  5006 M. Prakash HECA-I M. Prouroth  5007 M. Chandu HECA-I M. Chandu  114022441003 C. sankeer thana Mpc-I C. Burberth  1004 C. Kurmciah Mpc-I Suddya  1005 G. Gramesh Mpc-I Gu Gleneth  1007 G. Naresh Mpc-I Ruy  1009 K. Shiva Mpc-I Ruy  1009 K. Shiva Mpc-I B. Madhu  5002 B. Nithin BZC-I B. Mahin  5004 B. Mohini BZC-I B. Mphini  5006 B. Sheshank BZC-I B. Mahini  5007 B. Granesh BZC-I B. B. Mahini
1011 R. Ravi BA EPP-I R. Ravi  114022555002 D. Anil HECA-I (Ven/catesh goud  5003 E. Venkatesh Groud HECA-I Ory.  5005 K. Saibaba HECA-I tug  5006 M. Prakash HECA-I M. Provingh  5007 M. Chandu HECA-I M. Chandu  114022441003 C. sankeer thana Mpc-I C. Banbutte.  1004 C. Kurmariah Mpc-I Soudinga  1005 G. Gamesh Mpc-I G. Gleneth  1007 G. Naresh Mpc-I Org.  1009 K. Shiva Mpc-I Kristina  114022445001 B. Madhu BZC-I B. Madhu  5002 B. Nithin BZC-I Jashine  5004 B. Mohini BZC-I B. Mphini  5006 B. Sheshank BZC-I B. Mphini  5007 B. Gamesh BZC-I B. Mohini  5007 B. Gamesh BZC-I B. Mahini
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5005 K. Saibaba HECA - I tuf  5006 M. Prakash HECA - I M. Provingth  5007 M. Chandu HECA - I M. Chandu  114022441003 C. sankeerthana Mpc - I C. Benberth  1004 C. Kurmarah Mpc - I Sanduya  1005 G. Gramesh Mpc - I Con Greneth  1007 G. Naresh Mpc - I Reighna  1009 K. shiva Mpc - I Krighna  114022445001 B. Madhu Bzc - I B. Modheu  5002 B. Nithin Bzc - I Jashihe  5004 B. Mohini Bzc - I B. Mphini  5006 B. Sheshank Bzc - I B. Mohini  5007 B. Granesh Bzc - I B. Bangh.
5005 K. Saibaba HECA - I tuf  5006 M. Prakash HECA - I M. Provingth  5007 M. Chandu HECA - I M. Chandu  114022441003 C. sankeerthana Mpc - I C. Benberth  1004 C. Kurmarah Mpc - I Sanduya  1005 G. Gramesh Mpc - I Con Greneth  1007 G. Naresh Mpc - I Reighna  1009 K. shiva Mpc - I Krighna  114022445001 B. Madhu Bzc - I B. Modheu  5002 B. Nithin Bzc - I Jashihe  5004 B. Mohini Bzc - I B. Mphini  5006 B. Sheshank Bzc - I B. Mohini  5007 B. Granesh Bzc - I B. Bangh.
5006 M. Prakash HECA-I M. Proving M.  5007 M. Chandu HECA-I M. Chandu  114022441003 C. sankeerthana Mpc-I C. Barberth  1004 C. Kurmarah Mpc-I Sandya  1005 G. Gramesh Mpc-I or Greneth  1007 G. Naresh Mpc-I Org.  1009 K. Shiva Mpc-I Kerima  114022445001 B. Madhu BZC-I B. Modhuu  5002 B. Nithin BZC-I Jasnine  5004 B. Mohini BZC-I B. Mohini  5006 B. Sheshank BZC-I B. Mohini  5007 B. Gramesh BZC-I B. B. Mohini  5007 B. Gramesh BZC-I B. B. Bangh.
114022445001 B. Madhu BZC-I B. Mahini Soof B. Sheshank BZC-I B. Banush.
1004 C. Kurmarah Mpc - I C. Barberth.  1004 C. Kurmarah Mpc - I Sanduya  1005 Gr. Gramesh Mpc - I Greneth  1007 Gr. Navesh Mpc - I Dy  1009 K. Shiva Mpc - I trisma  114022445001 B. Madhu Bzc - I B. Mahin  5002 B. Nithin Bzc - I Jasnine  5004 B. Mohini Bzc - I B. Mphini  5006 B. Sheshank Bzc - I B. Bansh.  5007 B. Granesh Bzc - I B. Bansh.
1004 C. Kurmciah mpc-I Soudiya  1005 Gr. Gramesh mpc-I on one nexth  1007 Gr. Naresh mpc-I Dy  1009 K. shiva mpc-I krishna  114022445001 B. Madhu BZC-I B- Madheu  5002 B. Nithin BZC-I Jashine  5004 B. Mohini BZC-I B. Mphini  5006 B. Sheshank BZC-I Bush.  5007 B. Ganesh BZC-I B. B. Bansh.
1005 G. Gramesh MPC-I OR GRENETH  1007 G. Naresh MPC-I Dy  1009 K. Shiva MPC-I Krishna  114022445001 B. Madhu BZC-I B- Madheu  5002 B. Nithin BZC-I Jasnine  5004 B. Mohini BZC-I B. Mohini  5006 B. Sheshank BZC-I B. Mohini  5007 B. Granesh BZC-I B. B. Bangh.
1007 G. Naresh Mpc-I Dy. 1009 K. Shiva Mpc-I Krishna  114022445001 B. Madhu Bzc-I B. Madheu  5002 B. Nithin Bzc-I Jasnine  5004 B. Mohini Bzc-I B. Mphini  5006 B. Sheshank Bzc-I Bush.  5007 B. Ganesh Bzc-I B. Ganesh.
1009 K. Shiva mpc-I krishna  114022445001 B. Madhu Bzc-I B. Madheu  5002 B. Nithin Bzc-I Jashine  5004 B. Mohini Bzc-I B. Mohini  5006 B. Sheshank Bzc-I Bush.  5007 B. Ganesh Bzc-I B. Bansh.
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5002 B. Nithin BZC-I Jasnine  S004 B. Mohini BZC-I B. Mohini  S006 B. Sheshank BZC-I Shist.  S007 B. Ganesh BZC-I B. Ganush.
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5006 B. Sheshank BZC-I Shist.  5007 B. Ganesh BZC-I B. Ganish.
5007 B. Ganesh BZC-I B. Gangh.
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5021 A. Aigu
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5027 R Soil
5034 D Com-CA-II B. Samudea.
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# ತಲಗು ಛಾವಾ ಅಧ್ಯಯನಂಲ್ ಮಲಕುಕಲು

1)	హల్లు ఉచ్చారణలో సరికానిదేది ?
	1) భత్రం 2) మేఘం 3) పాఠం 4) రఖందా
2)	్రకింది అక్షరాలలో కొమ్ము దీర్ఘం ఏది ?
	1) ఈ 2) షూ 3) సూ 4) పై వన్నీయు
3)	ළීංධ නැවීණ් බුංධ්න ජඩිපාඩ නැවීන්ජා ? 4) යැම්ප්රි
	1) దూర్జటి 2) నన్నేచాడుడు 3) మొల్ల 4) దాశరధి
4)	క్రింది వారిలో ఆధునిక కవి ఎవరు ?
	1) ఆరుద్ర 2) సురవరం 3) కాళోజీ 4) పై వారందరు
5)	రామాయణ సంబంధ పాత్ర కానిదేది ?
	1) ఊర్మికాదేవి 2) కౌసల్య 3) శ్రీరాముడు 4) ద్రౌపది
6)	
	1) గాంధారి 2) శ్రీకృష్ణడు 3) అర్జునుడు 4) పై వారందరు
7)	సంయుక్తాక్షరాల ఉచ్చారణలో తప్పును గుర్తించండి
	1) జ్వలనం 2) త్యాగం 3) త్రయం 4) ఫలం
8)	రాజకీయ నాయకుడు కానివాడెవరు ?
	1) గాంధీ 2) నెహ్రూ 3) సచిన్ టెండూల్కర్ 4) బాలగంగాధర్ తిలక్
9)	క్రిందివాటిలో తెలంగాణ జిల్లా కానిదేది ?
	1) జనగాం 2) కామారెడ్డి 3) నిర్మల్ 4) అమరావతి
0)	ద్విత్యాక్షరాల ఉచ్చారణలో సరిఅయిన పదం ఏది ?
	1) అమ్మ 2) గొయ్యి 3) అయ్య 4) పై వన్నీయు
1)	సంయుక్తాక్షరాల ఉచ్చారణలో సరికానిపదమేది ?
	1) కృష్ణ 2) వృద్ధి 3) శృంగారం 4) నెయ్యి
2)	ముఖ్యమంత్రి గారు తెలంగాణ తెలుగులో ఉపన్యాసం ప్రారంభించారు క్రిందివాని
	ఒప్పును గుర్తించంది
	The chief minister has started speech in telangana Telugu
	2) The chief minister will started speech in telangana Telugu  2) The chief minister will started speech in telangana Telugu
	o) The chief minister will have been started and a land
	4) Above all 18 1 HEAD Department of GO. V
	4) Above all Telugu HEAD Department of Telugu, Khairatabad to Principal
	FA)

For

# GOVERNMENT DEGREE COLLEGE, KHAIRATABAD HYDERABAD - 500004

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