



**PRABHUSWAMY K. S.** M.Sc., B.Ed., KSET, PGDCA, (Ph.D.)

**Assistant Professor of Chemistry &  
Programme Officer, National Service Scheme (NSS)  
Sree Siddaganga College of Arts Science &  
Commerce for Women  
Sree Shivakumaraswamiji Road, Tumakuru-572102**

1.	Name	<b>PRABHUSWAMY K. S.</b>
2.	Father Name	Shivanna K. M.
3.	Mother Name	Chinnamma
4.	Permanent Address	Katavalu Village, B. Matakere Post, Saraguru Taluk, Mysuru-571121
5.	Mobile number	9964664082
6.	E-mail id	ksprabhu143@gmail.com
7.	Nationality	Indian
8.	Religion	Hindu
9.	Caste	Veerashaiva Lingayatha
10.	Category	Cat-III B

**Education qualification:**

Sl. No.	Qualification	Year of passing	Institution	University/ Board	Result
1.	Sanskrit-Prathama	2004	S.S.V.S.M.P. Sree Siddaganga mutt, Tumakuru	Karnataka Secondary Education Board	90% First Class
2.	S.S.L.C	2005	S.S.R.H.S.School, Sree Siddaganga mutt, Tumakuru	Karnataka Secondary Education Board	82.72% First Class
3.	P.U.C	2007	Sree Siddaganga PU College, P.B. Road, Tumakuru	Karnataka Pre-University Board	71.16% First Class
4.	B.Sc. (CBZ)	2010	Sree Siddaganga College of Arts Science & Commerce for Women, Tumakuru	Tumakuru University, Tumakuru	83.71% First Class
5.	M.Sc. in Chemistry	2013	University College of Science, Tumakuru	Tumakuru University, Tumakuru	68.5% First Class
6.	B.Ed.	2015	Rajive Gandhi College of Education	Tumakuru University, Tumakuru	81.07 First Class
7.	KSET	2021	Mysore University, Mysuru	Mysore University, Mysuru	65.33%
8.	Ph.D.	Pursuing	Tumkur University	Tumkur University	Pursuing

**Teaching experience:**

Sl. No.	Year	Institution	Course Taught	Designation	Experience
1.	2013..... Continued	Chemistry Department, Sree Siddaganga College of Arts Science and Commerce for Women, Sree Shivakumara Swamiji Road, Tumakuru	U.G. B.Sc.	Assistant Professor of Chemistry	11 years

**Other Experiences: Faculty development programmes, trainings, technical skills etc.,**

Sl. No.	Course	Year	Place
1.	Post Graduate Diploma in Computer application (PGCDCA)	2009	YSES, Tumakuru
2.	Operating System	Windows-95, 98, 2000, 2003, XP	YSES, Tumakuru
3.	Punaschethana Refresher Course	2014, 2015, 2018, 2021, 2022,2023,2024	S.S.C.A.S.C.W Tumakuru
4.	Two Days Training Programme on Criterion wise metrics for preparation of AQAR	31-12-2021 & 01- 01- 2022	S.S.C.A.S.C.W Tumakuru

**Seminars/ Workshops/ Conferences attended:**

Sl. No.	Date	Topic	Organizers
1.	25-02-2012	Green and sustainable Chemistry	UCS, Tumkur University CSIR Sponsored
2.	08-03-2012	Colloquium on Advance in Material Science; the Global Scenario	Karnataka State Higher Education Council, Bengaluru
3.	2012	Emerging Trends in Nuclear Chemistry	SSCASC, Tumakuru UGC Sponsored Two Days National Level Seminar
4.	2012	Recent Trends in Chemistry and Biochemistry	SSIT, Tumakuru
5.	03-08-2013	Recent Trends in Energy Fuels and Challenges in their applications	SSCASCW, Tumakuru UGC Sponsored One Day National Level Seminar
6.	21-02-2014 & 22-02-2014	Recent Trends in Material Science & Material Research	SSCASC, Tumakuru Science Academics Lecture Workshops
7.	23-08-2014	Waste management; Concerns & Challenges	SSCASCW, Tumakuru UGC Sponsored One Day National Level Seminar
8.	2018	Non-Conventional Energy Sources - Need of the Hours	SSCASC, Tumakuru Science Academics Lecture

9.	01-09-2018	V S. Naipaul; An occidental Indian	SSCASCW, Tumakuru National Level Seminar
10.	22-06-2019	Workshop on Revised Accreditation Framework	SSCASC, Tumakuru
11.	21-08-2023 to 23-08-2023	National Conference on “Trends & Innovation in Health, Nutrition, Food, & Skill Development Workshop on Advances in Chromatography for Drug Discovery”	DOSR in Biochemistry, Food, Nutrition, Biotechnology, & Microbiology, Tumkur University
12.	04-03-2024	National Symposium on New Vistas in Chemical Science	DOSR in Organic Chemistry, Tumkur University
13.	07-03-2024	Workshop on Research Methodology	SSCASCW, Tumakuru

### Webinars attended:

Sl. No.	Date.	Topic	Organizers
1.	09-07-2020	Communication the human connection	IMS, Noida, School of IT
2.	04-07-2020	Mentoring teachers for effective online teaching	Daulat ram college, Delhi
3.	07-07-2020	Covid-19: Socio Cultural Implications & Path Ahead	Vidyasagar college of education, West Bengal
4.	09-07-2020	Advanced materials synthesis, characterisation and Photovoltaic cell	IMPS college of engineering & technology
5.	17-07-2020	International Webinar on Politics of Tribal Exploitation in North East INDIA: An Unexplored Slice of Paradise	North Eastern Social Research Centre (NESRC), Guwahati
6.	28-07-2020	National webinar on material chemistry	GI Bhagewadi ASCC, Belagavi
7.	15-07-2020 to 21-07-2020	One week national faculty development program on E content & ICT tool for innovative & effective teaching	KJ Jain institution of Science & Technology, Ghaziabad
8.	20-07-2020	Application of Fibrous Materials for Energy Storage	JSS Academy of Technical Education, Noida
9.	25-07-2020	Use of molecular dynamics simulation in biomedical research	Siddaganga Institute of Technology, Tumakuru
10.	07-07-2020 to 11-07-2020	five days short term training programme on Analysis and Research Aspects of Effect of Stress on Physical and Mental well-being	Department of Information Science and Engineering, KLS Gogte Institute of Technology, Belagavi
11.	22-07-2020	Upskilling the Teacher’s Pedagogy in the Post-Pandemic Teaching Environment	SRM Institute of Science and Technology Ramapuram Campus, Chennai
12.	07-06-2020	Thermodynamics	Department of mechanical engineering, MMANTC, Malegaon
13.	04-08-2020	International Webinar on the topic “Aswal Model of Inclusive Growth”	Raj Kumar Goel Institute of Technology, Ghaziabad, Uttar Pradesh, India.

14.	01-07-2020	One day Webinar on “Bone Health for Women”	Sri Sarada College for Women (Autonomous), Salem
15.	06-07-2020 to 11-07-2020	One week international faculty development program on innovations in natural product driven drug delivery & Analytical chemistry	Sri Vishnu college of Pharmacy, Visakhapatnam
16.	17-07-2020	International Webinar On The Role of Green Chemistry in Controlling Environmental and Ocean Pollution	Department Of Chemistry, Gangasheel Mahavidyalaya, Faizullapur, Nawabganj, Bareilly
17.	10-07-2020	One Day National Webinar on “Interface between Chemistry and Environment”	DR. Shyama Prasad Mukherjee University
18.	11-07-2020 to 14-07-2020	Four days Faculty Development program on "Advanced technologies in chemical science research"	Sri Venkateswara College of Engineering and Technology Srikakulam, Andhra Pradesh
19.	07-08-2020	“Next-Generation High Power Laser Technology”	Raj Kumar Goel Institute of Technology, Ghaziabad
20.	18-07-2020	‘Faculty Development Programme (FDP) on IPR and Academic Integrity’	Maharashtra National Law University, Mumbai
21.	14-07-2020	International Virtual Conference on Advanced Materials (IVCAM 2020)	K. L. E. Society’s Basava Prabhu Kore A.S.C. College Chikodi
22.	21-07-2023	Webinar on Food-Planet-Health Webinar with Vegan Outreach	NSS units of Tumkur University

### Study Materials prepared for Students

Sl. No.	Material	Scheme	Semester
1.	Application of Spectroscopy to Simple Organic Molecules (UV, IR, NMR)	CBCS	V (P-V)
2.	Industrial Organic Chemistry (Dyes, Drugs, Soaps & Detergents)	CBCS	V (P-V)
3.	Natural Products (Alkaloids, Terpenoids and Carbohydrates)	CBCS	V (P-V)
4.	Lipids	CBCS	VI (P-VIII)
5.	Amino acids, peptides & proteins	CBCS	VI (P-VIII)
6.	Bioenergetics & Biological Oxidation	CBCS	VI (P-VIII)
7.	Solutions	CBCS	III
8.	Phase Equilibrium	CBCS	III
9.	Solids	CBCS	IV
10.	Chemical Kinetics	CBCS	IV
11.	Recapitulations of ‘s’ & ‘p’ block elements	CBCS	I
12.	Power Point presentation on Application of Spectroscopy to Simple Organic Molecules (UV, IR, NMR)	CBCS	V
13.	Power Point presentation on Structural Organisation of Proteins	CBCS	VI

14.	Power Point presentation on Bioenergetics & Biological Oxidation	CBCS	VI
15.	Laboratory Manual for Chemistry	CBCS	I, II, III, IV, V (P-V & VI), VI (P-VII & VIII)
16.	Online Video content in YouTube channel Bioenergetics & Biological Oxidation Experimental Demonstration-Complexometric titration for determination of amount of Zn/Mg ions using EDTA	CBCS	V
17.	Basics of Organic Chemistry & Chemistry of Aliphatic Compounds	NEP	I
18.	Solids, Liquid crystals, Distribution law	NEP	II
19.	Reaction Intermediates & Methods for Identifying Reaction Mechanism	NEP	III
20.	Stereochemistry of organic compounds	NEP	IV
21.	Aldehydes, Ketones, Carboxylic Acids, Derivatives of carboxylic acids & Amines	NEP	V (P-V)
22.	Heterocyclic compounds	NEP	V (P-V)
23.	Natural Products Carbohydrates, Alkaloids & Terpenes	NEP	V (P-VI)
24.	Organic Spectroscopy UV Spectroscopy, IR Spectroscopy & Nuclear Magnetic Resonance Spectroscopy	NEP	V (P-VI)
25.	Power Point presentation on Basics of Organic Chemistry & Chemistry of Aliphatic Compounds	NEP	I
26.	Power Point presentation on Methods for Identifying Reaction Mechanism	NEP	III
27.	Power Point presentation on Heterocyclic compounds	NEP	V (P-V)
28.	Power Point presentation on Alkaloids	NEP	V (P-V)
29.	Power Point presentation on Carbohydrates	NEP	V (P-V)
30.	Power Point presentation on Organic Spectroscopy UV Spectroscopy, IR Spectroscopy & Nuclear Magnetic Resonance Spectroscopy	NEP	V (P-VI)
31.	Laboratory Manual for Chemistry	NEP	I (Core) I (OE) II (Core) II (OE) III, IV

## Social Services:

- Member, Sree Siddaganga mutt old students' association, Tumakuru.
- Member, Alumni association, Sree Siddaganga College of Arts Science and Commerce, Sree Shivakumara Swamiji Road, Tumakuru
- Member, Alumnae association, University College of Science, Tumakuru University, Sree Shivakumara Swamiji Road, Tumakuru
- Programme Officer, National Service Scheme (NSS), SSCASCW, Tumakuru
- Convener, Nitya Dasoha Committee-Mid day meal programme, SSCASCW, Tumakuru

## College Activities:

- Programme Officer, National service scheme for the academic year, 2021-22, 2022-2023, 2023-2024
- Convener, Nityadasoha Mid-day meal programme, Nitya Dasoha nidhi trust 2023.....
- Convenor, Chemistry Quiz – 2018, 2021, 2022, 2023 Competitions For B.Sc Students
- Co-editor, Jnanagange College Annual Magazine
- Co-editor, Chemistry Magazine (education in chemistry)-2014
- Coordinator, Youth Red Cross Wing-2014
- Member, Test Committee-2013,2014,2015,2016,2021,2024
- Member, Women Empowerment Cell-2016
- Member, Organizing Committee, Spoorthi Cultural Fest, 2016-2017
- Member, Organizing committee, District level inter-Kannada science lecture competition
- Member, Organizing committee, Parent- Teacher meet-2018
- Member, organizing committee, DST sponsored inspire programme for first PU students
- Member, Induction Programme for Freshers – 2018
- Member, NAAC-ICT-IT Criteria-3<sup>rd</sup> cycle-2019
- Member, NAAC Criterion-VI – Governance, Leadership and Management-2019
- Member, NAAC Criterion-V –2021-2022, 2022-2023, 2023-2024
- Convener, Teacher's satisfaction survey-2022-23
- Member, National festival celebration committee

## Cultural Activities:

- 24-02-2020: Judge for Kannada Antyakshari event at college cultural fest Abhivyakthi held in Sree Siddaganga College of Arts Science & Commerce for Women, Tumakuru
- 13-08-2022: Participated in Amruth Bharat Walkathon- Walk for nation organised by National Human- Environmental Protection Force, Tumakuru
- 03-08-2023: Judge for Kannada Folk Song event at college cultural fest Abhivyakthi held in Sree Siddaganga College of Arts Science & Commerce for Women, Tumakuru

## Languages known:

⊕	Kannada	- Read, Write and Speak
⊕	English	- Read, Write and Speak
⊕	Hindi	- Read and Write