

RESUME

Dr. Sudhakar V.Chate

Personal Details:

Nationality	Indian
Date of Birth	15.02.1978
Marital Status	Married
Language Familiarity	Marathi, English, Hindi
Residential address:	C/o Hingane V.D, Harkare Nagar, Nanded Naka, Udgir, Dist-Latur.
Permanent Address:	At:Hadoli, Post:Kingaon Tq:Chakur, Dist:Latur, Maharashtra. E-mail: sudhakarchate@rediffmail.com

Educational Qualification:

Examination Passed	Board/University	Institution /College	Year of Passing	% of marks	Subjects/ Specialization
Ph.D.	University of Pune, Maharashtra.	Agharkar Research Institute,Pune	2010		Botany
M.Sc.	University of Pune, Maharashtra.	Botany Department. Pune University, Pune	2003	First class 60%	Botany (Plant Biotech)
B.Sc.	Swami Ramanand Teerth, Marathwada University, Nanded. Maharashtra	Dayanand Science College, Latur.	2001	First class (68%)	Botany Chemistry Microbiology
H.S.C.	Aurangabad Board. Maharashtra	Mahatma Busweshwar College, Latur.	1997	First class (72%)	Biology Physics Chemistry Geography

S.S.C.	Central Board of Secondary Education, Delhi.	Jawahar Navodaya Vidyalaya , Patan. Rajasthan	1994	First class (63%)	Science Mathematics Social science.
MS-CIT	Maharashtra State Board		2005	(67%)	
PET	University of Pune, Maharashtra.		2005		

Experience:

Research Fellow:

Agharkar Research Institute, Pune (2003-2007).

Worked as Research Student at Department of Botany, Agharkar Research Institute, Pune, under the Project “**Phylogenetic studies on fossil plants from the Deccan Intertrappen beds of India and its impact on late Mesozoic environment**”.

Scientific Assistant:

Forensic Lab, Santakrz (E), Mumbai (2007-2011).

Worked as a regular government employee at Biology and Serology Division of Forensic Science Laboratories, Santakruz (E), Mumbai. Analysis of Biological evidence such as detection of biological stains (blood, semen, saliva) and DNA analysis.

Assistant Professor:

Department of Botany

Shivaji College Udgir, Dist-Latur, since June 2012.

Research Papers published:

Bonde, S.D., Chate, S.V. Gamre, P.G. & Nipunage, D.S. 2008. A dichotomously branched fossil palm stem from the Deccan Intertrappean beds of India.

Current Science, 94(2): 182-183. [25th January 2008:]

Bonde, S.D., Chate, S.V. and Gamre, P.G. 2009. *Rhizopalmoxyton singulare* sp.nov.– coralloid palm roots from the Late Cretaceous Deccan Intertrappean beds of Nawargaon, India. **The Palaeobotanist, Vol-58(2009):57-65.**

Research papers presented at international conferences:

Chate, S.V., Bonde, S.D. and Gamre, P.G. *Rhizopalmoxyton singulare* sp.nov.- Permineralized palm aerial mantle roots from the Deccan Intertrappean beds of Nawargaon, Wardha District, Maharashtra, India. **The Diamond Jubilee International Conference on, 'Changing Scenario in Palaeobotany and Allied Subjects'** on 15-17 November, **2006** at **Birbal Sahni Institute of Palaeobotany, Lucknow.[OP]**

Chate, S.V., Bonde, S.D. and Gamre, P.G. '*Raphiocalyon biradarii* gen. et sp.nov., a petiole of *Raphia* (Calamoideae : Arecaceae) from Umaria Intertrappeans, District Dindori, Madhya Pradesh, India' International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on '**Innovative Prospects in Angiosperm Taxonomy**' [ISIPAT-2012] on 28-30 October, **2012** at Department of Botany, Sant Gadge Baba **Amravati University, Amravati-602, Maharashtra, India.[OP]**

National Conferences attended:

National conference on '**Recent Trends and Future Prospects in Life Sciences**' on 27th and 28th December, **2012** at Department of Botany, **Mahatma Gandhi Mahavidyala, Ahmedpur -113515; Dist. Latur [M.S.] India.**

National conference on '**Recent Trends and Future Prospects in Biological Sciences**' 18th and 19th January, **2013**, Organized by Department of Botany, **Maharashtra Udaygiri Mahavidyalaya, Udgir-113517; Dist.Latur[MS] India.**

Paper presented in Conferences / Symposia / Seminars:

Bonde, S.D., Gamre, P.G. and **Chate, S.V.** *Arecoidocarpum nawargaensis* sp. nov. a drupaceous arecoid palm fruit from Nawargaon Intertrappeans, District Wardha, India; at the National Conference on, '**Modern Trends in Plant Sciences with special reference to the role of Biodiversity in Conservation**' held at the **Amravati Universtiy, Amravati during 17-20 February, 2005.**

Bonde, S.D., Gamre, P.G. & **Chate, S.V.** "A permineralized palm rachis from the Deccan Intertrappean beds of Nawargaon, District Wardha, India". **International Conference on, "Biosciences, Biotechnology and Biodiversity Analysis"** on 15-17 October, **2005** at , Department of Botany, **Modern College, Pune- 5.**

Bonde, S.D. and **Chate, S.V.** "*Hyphaene deccanii* sp.nov. A dichotomously branched palm stem from the deccan intertrappean beds of India". XVII Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on "**Changing Scenario in Angiosperm Systematics**" on 19-21 November, **2007** at Department of Botany, **Shivaji University, Kolhapur, 416004. India.**

Research Projects:

Completed a short term research project on '**Methods in Industrial Application of Plant Tissue Culture**' at Indrayani Biotech, Pune, as a part of curriculum under summer training program, during June-July 2002.

Completed a research project entitled "**Studies on *in vitro* seed culture of *Spathoglottis plicata* and *Eulophia nuda***" at Department of Botany, University of Pune, Pune. During M.Sc (Botany) Degree course - 2003.

Area of Interest:

Plant Taxonomy, Plant Anatomy, Cell Biology, Cytogenetics, Plant Biotechnology and Palaeobotany.

Invited Talks/Lectures:

Delivered lecture on "**The stele concept & stelar evolution**" at Department of Botany, Agharkar Research Institute, Pune.

Delivered talk on "**Recent trends in Genetics and Forensic Science**" in National Education Campaign held at Vidhyvardini Highschool, Udgir.

Membership:

Member of **The Indian Botanical Society** (a society for uniting botanist promoting botanical interests)

Life member of Global Education Society's **International association of Science Impact**, Pune.

Academic activities:

Participated in all college development activities and Member of different committees in the college.

Orientation Course participation:

Participated in the Special Summer School, titled "**Teaching Testing and Research in Higher Education**" from **03.06.2013 to 22.06.2013**, organized by **U.G.C Academic Staff College**, Rani Durgavati Vishwavidyalaya, Jabalpr, Madhya Pradesh, India.

Doctoral thesis details:

Guide: Dr. S.D.Bonde.

University: Pune University.

Registration: 5th September 2005.

Date of Declaration: 16th February 2010.

Place of work: Agharkar Research Institute, Pune.

Title: "Studies on monocotyledonous Diversity from the Deccan Intertrappean Beds of Mandala District, Madhya Pradesh".

This thesis embodies the finding of new plant fossils from the Deccan Intertrappean Beds exposed in Mandla district, Madhya Pradesh., their systematic description, identification, comparison and discussion along with the diagnosis. It gives distribution of fossil monocotyledons during the Late cretaceous period when Deccan volcanic eruption began (period of Dinosaur extinction), analyses phylogenetic and palaeogeographic aspects of Deccan Intertrappean beds of Mandla district to understand the palaeofloristics, paleoenvironment (palaeoclimate) and evolution. The thesis includes the results and conclusions based on the extensive fieldwork and research.

Place: Udgir.

Date:

(S.V.Chate)