

Dr. Sanjay Chakane

Background –

Born on 16.06.1967, in a typical lower middle class orthodox family as the only son of Late. Dnyaneshwar Tukaram Chakane at Ahmednagar district of Maharashtra. Late Dnyaneshwar Chakane who did matriculation and was first to do so from village Chandgaon. After initial employment in the department of agricultural in Government of Maharashtra

Because of the transferable nature of his Job, Mr. Chakane had the opportunity of schooling at different places such as *Pali, Ringangaon, Dharangaon, Chandgaon* etc. In the later years, he had his Graduation and Post-Graduation from Fergusson College, Pune where he was groomed and nurtured as a natural leader through participation in extempore colloquium, N.C.C. cadetship as Junior Underofficer and Cultural Programme and variety of academic and extracurricular activities.

Dr. Chakane completed his doctoral thesis on the ‘Synthesis, Modifications, Characterization and Gas sensing applications of Polyaniline, Metallophthalocyanines and polycarbonate.’ He completed doctoral thesis within 5 years of harsh terrain. During this he joined BG College and then in Abasaheb Garware College and the BJS College. Later he joined as N.S.S. coordinator at University of Pune from 14th Nov. 2003 to 18th Jun. 2010. In 2010 he joined as a Principal at Arts, Science and Commerce College, Indapur. He is recognised guide for Environmental Science for 5 years of Savitribai Phule Pune University. He has wide experience of teaching in institutions for more than 30 years. He is involved in shaping the careers of the budding physicists. He revamped the curriculum of the core courses viz. Physics, Environmental Science, Electronics which he has been teaching to the graduate and Post-graduate students of Physics at BJS College, Wagholi, Pune. He also has helped in revising the syllabi of Undergraduate course in Physics.

Teaching Learning and Evaluation –

Throughout his teaching career of over 30 years he has been teaching Physics and Environmental Science. He worked as Asst. Professor in the subject Physics at B.G. College, Sangavi, Abasaheb Garware College, Pune, BJS College, Wagholi and engaged classes for the courses in Physics. As a Principal of ASC College, Indapur he also have conducted 5 refresher courses in Disaster Management and a Special Winter School for the teachers at the graduate level. He also has served as subject expert in the paper setting of various examinations in the University of Pune for over decade. Dr. Chakane has served as subject expert for the selection of Asst. Professors, Associate Professor and Principals. He motivated the staff in the college to implement cooperative learning mechanism. Student centric classroom activity is the core part of cooperative learning mechanism. Here the saying in English – “*teach me, I will forget, show me, I will try to remember but involve me, I will never forget*” is strictly followed. The students create groups and they have group discussion, imagination, exchange of ideas and freedom of thought while learning. It benefits a lot to them.

Dr. Chakane has taken initiative in research based tool. He participated in Research Based Pedagogy Tools as a trainer at *Bhuvaneshwar and Delhi and Jaypur*. He has organized workshop on RBPT at college level for teachers in different faculties and trained them. Prime objective for RBPT is to improve the teaching skills among the teachers. It helps students as a learner. He always motivates and inspires the teachers to participate in RBPT workshops at various places like Gujarat, Kolhapur, Pune, etc. After the workshops teachers started teaching with the guidelines of RBPT. Students shared their positive responses on the social media about result of RBPT.

Dr. Chakane reformed examination and evaluation system by setting up CAP center in college campus He initiated online evaluation methods of teachers by students.

Dr. Chakane has a good knowledge of financial management as he completed his tenure as a programme officer of NSS, Principal, Co-ordinator of NSS SPPU, Pune, he was benefited by these in implementing good governance and administration as the Principal. He was appointed as Member of National Advisory board NSS, appointed as Member of Sub-Committee, Youth and Sports Ministry of Planning Commission. He has been a **Member of Management Council, Member of Senate, Member of Board of Education, and Member of Sports** in SPPU Pune. He had generated funds from various government and nongovernment agencies such as UGC/DST/ISRO-DRDO/CSIR/FIST/RUSA and Rotary Club, Municipal Corporation For financial assistance.

Research Consultancy and Extension –

Dr. Chakane had wide experience of doctoral guidance. He has worked as Recognised guide and co-guide for various masters, doctoral and post-doctoral research. Five students completed their doctoral thesis under his guidance. He has published 52 research articles in peer reviewed refereed international research journals and author of 10 Books to his credit.

Teaching is his passion. He believes in learning rather than teaching. He always adopts co-operative teaching and RBPT so that students get learned properly. Apart from teaching he is very much interested in research. He did his research work on **sensors and polymers**. He has delivered more than 600 lectures on different issues all over Maharashtra. He had completed **nine minor research projects** funded by BCUD, University of Pune, DST, MEDA, CEO, Ahmednagar, MDAC, Govt. of Maharashtra, SLO, Govt. of Maharashtra etc. and two major project funded by Department of Water and Sanitation, Govt. of Maharashtra. It is privilege to say that he has filed an 07 Indian patent on the topic of **Polyaniline by Natural acids** and other scientific.

He had visited various 25 foreign countries for academic and administrative activities, symposia, conferences etc. such as **Australia, Japan, Switzerland, Austria, France, Italy, Israel, Germany, Thailand, Turkistan, UAE, Sweden, Singapore, Finland, Holland, United States of America Ras-Al-Kaima etc.**

Dr. Chakane had made himself good trainer in higher education. He believes in teachers training programme. Recently he has organized **Training of Trainers (TOT)** at his college.

As a part of research, he has concentrated very much on one theme i.e. polymeric materials. While doing this, he have got accidental discovery earlier. Our botany teachers are working on various biological materials as algae. He believes in interdisciplinary approach. He decided to mix polymeric material into those algae. He made bio-terials by using biological material i.e. active biological materials. Doing such various activities and innovative works, he is going to strengthening and enhances abilities of the tomorrow's youth.

Dr. Chakane had an experience of management skill. He has been worked as NSS Coordinator at Savitribai Phule Pune University for Seven years. He is well versed with planning, organization, directing, scheduling etc. He does believe in extracurricular, co-curricular, extension activities and research along with curricular aspects of teaching learning process.

He is in an enviable position of being respected by all concerned primarily because of his ability to walk the talk. He is as much a good soldier as a leader, allowing him to reach out to people and build consensus. He has always made it a point to empower his team by being a democratic leader and awarded by various agencies for his innovative work as a teacher, researcher and principal, member, senate, management council in the realm of Higher Education.



Sanjay D. Chakane