

**Suchitra Roy**

*M.Sc., Ph.D.*

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- **With professional experience of more than 21 years in the field of education, Suchitra Roy, holds a very unique skill set of research, academics and administration.** It was her dedication and perseverance, that her research work not only fetched a Ph.D. but component of her work was recognized by the Nutrition Society of India, and she was conferred with the "Young Scientist Award" under "senior category" in Experimental Nutrition, in 2012, by the "Nutrition Society of India", a statutory body of the Government of India. In her administrative role, her drafting skills and linguistic proficiency were utilised in the office of the Vice Chancellor, in the role of an Officer on Special Duty.
- **With the desire to make a positive impact on the lives of people and setting up her own goals, she had taken break in career in June 2018.** She intends to use her skill sets to make Education, especially science education, more student friendly. As a Freelance project, she conducts awareness sessions for different age groups, bridging the gap between scientific knowledge and its reach to the layman, on a range of topics, as per the target audience. She believes in translation of research being an important aspect of research findings.
- **Presently (November 2022 onwards) she is working as Deputy Director in a School, located in Kothrud, Pune** (Pre Primary to Junior College and High School), functioning as the Academic Head which involves planning and execution of the academic, co-curricular and extra- curricular activities of the school in all departments, monitoring academic progress, in terms of academic performance indicators, from time to time. Monitoring of class room teaching, conducting remedial as well as enrichment learning activities, towards the all-round development of students.
- **(July 2023 onwards) she is Vice President, and the Convenor of Research and Development Cell of a Non-Governmental Organisation, University Women's Association, Pune (UWAP),** This Organisation is working towards education and empowerment of women and girls. University Women's Association, Pune (UWAP), a prominent Non-Governmental Organisation, an affiliate of the international NGO - Graduate Women's International, Geneva (GWI), Her contribution towards the society involves her active participation in working towards education and empowerment of women and girls, who are deprived of the rights they deserve.
- **As Member, Project Committee of the Indian Federation of University Women's Association (IFUWA) (2022-2025),** she's been working on real life projects, understanding problems faced by the women task force during the pandemic and providing solutions. As part of the project, she conducted 2 webinars in a series of 11 webinars conducted by women speakers on the national platform, for the benefit of all the NFAs of the University Women's Association.

- She has coordinated national projects with 2 regional centres in the country. Besides, she has been working on the Research and Development Wing of the Pune Chapter.

## Educational Qualification

### **Ph.D. in Biochemistry from Bharati Vidyapeeth University, Pune, 2014 (by Thesis)**

Her research work on “*Role of Long Chain Polyunsaturated Fatty Acids and Oxidative Stress in Pregnancy and their Association with Infant Growth*” was accepted for the award of the Ph.D. A portion of her work was supported from the Department of Biotechnology and Indian Council of Medical Research.

### **M.Sc. Chemistry from Pt. Ravishankar Shukla University, Raipur, 1998 (72%)**

### **B.Sc. (Chemistry, Zoology, Botany) from Pt. Ravishankar Shukla University, Raipur, 1996 (70%)**

She updates herself with the relevant certifications through Massive Open Online Courses (MOOCs) from universities of repute from time to time.

## Activities as an Academician

- Presently, as Deputy Director, New India School, Bhusari Colony, Kothrud, Pune(2022-onwards).
- She served as an **Assistant Professor** at Bharati Vidyapeeth University’s College of Engineering, Pune for 12 Years (July 2006- June 2018). She has experience of teaching at the UG and PG level.
- As a **Member of the Board of Studies** of the Faculty of Engineering Sciences, she has contributed in designing and updating the curriculum of Chemistry at UG level (2015-2017).
- As a **Member of the Internal Complaints Committee**, at University level, she has shown integrity and empathy for the cause, and always stood for justice. (2017), at MNCs as external POSH Committee Member (2021-onwards)
- In the past, she has worked as a Science Educator in schools at Gandhinagar, Gujarat (2000-2006).

## Activities as an Administrator

- **Officer on Special Duty - Vice Chancellor’s Office (2006-2018)**

In her administrative role, her drafting skills and linguistic proficiency were utilised in the office of the Vice Chancellor, in the role of an Officer on Special Duty.

Played major role in coordinating with all institution heads, and was responsible for generating a broad database of the entire university through various statistical details, which were required for NAAC, NIRF and UGC reports annually. She also shouldered the responsibility of preparing University’s activity reports, convocation addresses, etc. She drafted and prepared Vice Chancellor’s messages, speeches and communications on various occasions.

### **Core committee member for organizing events:**

*Some of the major events are highlighted below:*

- As core committee member of the Bharati Vidyapeeth Deemed university's team for NAAC and UGC peer review conducted from time to time (2011-16)
- As core committee member of the organising committee constituted by the Bharati Vidyapeeth Deemed University for the highly successful All India Vice Chancellor's Conference in 2010 (conducted in association with the Association of Indian Universities (AIU) and the University Grants Commission (UGC)). The Conference was attended by more than 200 Vice Chancellors of various Indian universities and representatives from foreign universities.
- As core committee member of the organising committee constituted by the Bharati Vidyapeeth Deemed university, for conduction of the Annual Conference of the Indian Economic Association in 2011. The event was attended by more than 250 participants from India and abroad and witnessed the presence of stalwarts such as Nobel Laureate Prof. Amartya Sen, Shri Montek Singh Ahluwalia among other dignitaries.

## **Activities as a Researcher**

The topic of her thesis is **"Role of long chain polyunsaturated fatty acids and oxidative stress in pregnancy and their association with infant growth"**. She has addressed the area of **Maternal Nutrition during pregnancy and its effects on Child Health**. Her studies are socially relevant and she intends to do translation of research for the benefit of mankind. The findings of her study are published in reputed journals, indexed in SCOPUS.

She has presented her research work by means of Oral presentations and Posters presentations in various National as well as International Conferences.

### **List of research publications in indexed journals**

#### **Research Publications (as first or second author) :**

- Sundrani, D. P., Roy, S. S., Jadhav, A. T., & Joshi, S. R. (2017). Sex-specific differences and developmental programming for diseases in later life. Reproduction, fertility, and development, 29(11), 2085–2099. <https://doi.org/10.1071/RD16265> (IF:2.66)
- Roy, S., Dhobale, M., Dangat, K., Mehendale, S., Lalwani, S., & Joshi, S. (2015). Differential oxidative stress levels in mothers with preeclampsia delivering male and female babies. The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians, 28 (16), 1973–1980. <https://doi.org/10.3109/14767058.2014.974537> (IF: 1.73)
- Roy, S., Dhobale, M., Dangat, K., Mehendale, S., Wagh, G., Lalwani, S., & Joshi, S. (2014). Differential levels of long chain polyunsaturated fatty acids in women with preeclampsia delivering male and female babies. Prostaglandins, leukotrienes, and essential fatty acids, 91(5), 227–232. <https://doi.org/10.1016/j.plefa.2014.07.002> (IF: 4.0)
- Roy, S., Sable, P., Khaire, A., Randhir, K., Kale, A., & Joshi, S. (2014). Effect of maternal micronutrients (folic acid and vitamin B12) and omega 3 fatty acids on indices of brain oxidative stress in the offspring. Brain & development, 36(3), 219–227. <https://doi.org/10.1016/j.braindev.2013.03.004> (IF: 1.96)

- Roy, S., Kale, A., Dangat, K., Sable, P., Kulkarni, A., & Joshi, S. (2012). Maternal micronutrients (folic acid and vitamin B<sub>12</sub>) and omega 3 fatty acids: implications for neurodevelopmental risk in the rat offspring. *Brain & development*, 34(1), 64–71. <https://doi.org/10.1016/j.braindev.2011.01.002> (IF: 1.96)
- Other Publications: Author of monthly publication (volumes of articles on Seasonality and food) for circulation among members for a reputed NGO “University Women’s Association, Pune”. (2018 -19)

## Involvement in the Social Sector

**Vice President, and Convener of Research and Development Cell, Non-Governmental Organisation, of University Women’s Association, Pune (UWAP) (July 2023 onwards)**

**Honorary Secretary of University Women’s Association, Pune (UWAP)** - She held the position in the Association June (2019-21) and (2021-23). UWAP is Non-Governmental Organisation, an affiliate of the international NGO - Graduate Women’s International, Geneva (GWI), working towards education and empowerment of women.

**Member, Project Committee of the Indian Federation of University Women’s Association (IFUWA) (2022-2025)**

**Swayamsiddha project:** She’s been working on real life projects, understanding problems faced by the women task force during the pandemic and providing solutions. As part of the Swayamsiddha project, she conducted 2 webinars in a series of webinars conducted by women speakers on the national platform, for the benefit of all the NFAs of the University Women’s Association.

As Member, she has coordinated in national projects with 2 regional centres of IFUWA

**Convener, Research and Development Cell of University Women’s Association, Pune (UWAP) (2019-23)-** As the Convener, she has been working towards research development with an interdisciplinary approach.

- She developed modules for capturing perceptions of sexual harassment at work place and providing opportunities of speaking up in workplace.
- Use of scientific and statistical techniques for identification of the key issues that is of concern for women during the pandemic and mapping available tools and techniques that could be used as support elements in overcoming the issues.

**Co-Convener, Sucharita, University Women’s Association, Pune (2017-2019):** She published monthly articles on science of food, for internal circulation among the members of UWA, Pune. She also conducted workshop on “Ageing and Nutrition” for the members of the association.

## Awards & Recognitions

- Awarded "**Young Scientist Award**" in senior category of Experimental Nutrition from "Nutrition Society of India on presenting the paper “Effect of maternal micronutrients (folic acid and vitamin B<sub>12</sub>) and omega 3 fatty acids on indices of brain oxidative stress in the

offspring” at the 44<sup>th</sup> Annual National Conference of Nutrition Society of India, Tirupati, 11<sup>th</sup> - 13<sup>th</sup> November 2012.

- Awarded SECOND prize in poster paper presentation titled “**Consumption of fast food and global incidence of non-communicable diseases-A review**” in Track II: Healthcare Communications at the International Conference on Healthcare in a Globalizing World (Enriching Healthcare Delivery through an Interdisciplinary Approach) SYMHEALTH 2017 held at Symbiosis International University, Pune, India on 4<sup>th</sup> to 6<sup>th</sup> May 2017.

## Miscellany

### *Life Membership*

- Nutrition Society of India
- University Women’s Association (UWA)

### *Languages and degree of proficiency*

- English (*Reading, Speaking, Writing*) - Excellent
- Hindi (*Reading, Speaking, Writing*) - Good
- Marathi (*Reading, Speaking*) - Fair
- Bengali (*Reading, Speaking*) - Native

## Personal Details

<b>Date of Birth:</b>	26 <sup>th</sup> December 1974
<b>Gender:</b>	Female
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