



महाराष्ट्र MAHARASHTRA

2023

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श्री. पद्मार्थ ठी की एक ब्यांके कर्जा व यांनी रुपये १००/- चा जनरल स्टॅम्प मागितलेवरून हा रुपये १००/- चा स्टॅम्प दिला

कोषागार कार्यालय सोलापूर  
18 JUL 2024  
मुद्रांक प्रमुख लिपीक/उपलेखापाल

श्री. एम. एन. बल्ला

मुद्रांक विक्रेता, जिल्हा न्यायालय आवार, सोलापूर.

परवाना क्र. इ.एस.टी./१९९० कोड नं.- २५०१०३०

## MEMORANDUM OF UNDERSTANDING

Between

D. B. F. Dayanand College of Arts & Science, Solapur Hyderabad Road, Bhavani Path, Solapur, Maharashtra 413002 and SPSPM's N B Navale Sinhgad College of Engineering, Solapur Centre For Research & Technology Developments (CRTD) Gat No. 38/I/B, Opp. Solapur University, Solapur Kegaon, Solapur-Pune Highway Dist. Solapur, Maharashtra -413255



## **ABOUT NBNSCOE**

Sinhgad Institute was established in 1993 under the able and dynamic leadership of Prof. M. N. Navale, with an objective of providing technical education which was at par with the best in the world. In the past two decades, the Sinhgad family has grown to 119 Institutes spread all over 12 Campuses and providing education for more than 1,00,000 students. Savitribai Phule Shikshan Prasarak Mandal (SPSPM) was founded in 2006 with a goal of providing quality education in the field of Engineering, Management and School Education. N B Navale Sinhgad College of Engineering, Solapur started in 2010 under the umbrella of SPSPM with an aim of providing Quality Engineering Education.

## **ABOUT (CRTD)**

Sinhgad Institute is one of the largest providers of quality in India. Prof. M. N. Navale, Founder President of Sinhgad Institute established these centers of excellence with the vision of bringing technical education to the masses. Today, Sinhgad Institute provides education from KG to PG and also runs doctoral programs. Starting with Sou. Venutai Chavan Polytechnic in 1993., today we have nearly 85 education institutes located at 12 campus, nurturing the dreams of over 86,000 students in various disciplines every year. As an extension *Savitribai Phule Shikshan Prasarak Mandal (SPSPM)* was founded in 2006 under the umbrella of Sinhgad Institutes with the goal of providing quality education in the field of Engineering, Management and School Education. Considering the need of nation, the Sinhgad Institute Solapur has established “Centre for Research and Technology Developments”, at Sinhgad Institute, Solapur to meet the global needs. The centre has conducted the Multi Mega event on “Innovative Technologies for Rural Development & Their Commercialization ITRDC in 2017, in collaboration with BARC, Mumbai, to showcase the significant and promote the usage of innovative technologies for rural development that dreams come true of **Mahatma Gandhi**. On the similar line, the CRTD has organized International Conference on “Silk Fibroin and Seri cultural Resources” (IC-SFSR-24) on 16<sup>th</sup> to 19<sup>th</sup> Feb. 2024 in collaboration with PAH, Solapur university and planned 2<sup>nd</sup> IC-SFSR-24 on 24<sup>th</sup> to 26<sup>th</sup> July 2024 in collaboration with General Science & Engineering, NBNSCOE

## **ABOUT D.B.F Dayanand College of Arts & Science, Solapur**

D.B.F. Dayanand College of Arts and Science, Solapur (Maharashtra) was established on 17th June 1940 by DAV College Trust and Management Society, New Delhi in memory of the victory of Arya Samaj Movement against the Nizam of Hyderabad as a part of



Marathwada Mukti Sangram. It is one of the leading educational Institutions and Grant-in-aid College presently affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur. The college has been re-accredited with 'A' grade (CGPA 3.07) in February 2014 by the NAAC, Bangalore.

It is the only college in the area of Punyashlok Ahilyadevi Holkar Solapur University which has been bestowed with the honor of "College with Potential for Excellence" for consecutive second phase by UGC (2015-2020). On 1st June 2016 Solapur University, Solapur conducted "Academic and Administrative Audit" (AAA) and the college secured 'A' grade with 91.33% (274/300), the highest marks among 35 grantable colleges affiliated to Solapur University. The college won the Best College Award 2017 from Solapur University, Solapur. It is an ISO 9001: 2015 certified college. The college is ranked in the band 151-200 by the National Institute Ranking Framework (NIRF) 2017, Ministry of Human Resource Development (MHRD), Government of India. The college has secured 35th rank in Maharashtra state in a national level survey conducted by Career 360.

The aims and objectives of the college are to provide modern and ethical education, especially to the downtrodden irrespective of caste, creed, gender, religion and languages. The college offers Arts (B.A.) and Science (B.Sc.) degree programs along with self-financing B.Sc.(Entire Computer Science), 11 post graduate courses [M.A.(4) and M.Sc.(7)] and 13 University approved certificate courses affiliated to Solapur University. The college also offers 14 college certificate courses and 11 Bridge courses. Being a University affiliated college, the faculty contributes in designing curricula through various university committees and academic bodies such as Standing committee, academic council, faculty members, BOS and syllabus framing sub-committee.

The College takes initiatives for integrated teaching-learning by inspiring teachers to go beyond academic framework and focus on the intellectual, physical, moral and ethical education of students. The teaching faculty avails 'participatory teaching learning process' for students through seminars, group discussion, study tours, unit test, mid-term exam and practical examinations. For the benefit of academically poor and advanced learners, the college runs remedial and step up courses. To make teaching and learning more effective and to update knowledge of the students, advanced ICT techniques are effectively used. Internet and INFLIBNET facilities, are available to the students and the faculty. Internal Quality Assurance Cell makes an all-out effort to enhance academic standards of the college through



various events such as International, National, State, University level conferences /seminars /workshops /symposia.

### **ABOUT Chemistry Department**

The department of chemistry is pioneer department right from the inception of the college. Department is well equipped with advanced instruments and laboratories. Department has highly qualified faculties. Five of them are doctorate and remaining is registered for Ph.D. Faculty members are engaged in minor research projects funded by UGC/State/University. Chemistry department is having research facilities in the following areas: High Performance Materials, Material Synthesis. Fluorescence Spectroscopy/Solid state, Nano-Materials, Environmental Chemistry, Surface Chemistry, Electrochemistry/Acoustical and Thermodynamic properties, Thermodynamic Study, Schiff base complex study, Microwave Assisted Synthesis, Organic Synthesis, Green Chemistry, Medicinal and Pharmaceutical Chemistry.

Courses run by the department are B.Sc. Chemistry and M.Sc. (Physical Chemistry and Pharmaceutical Chemistry) Skill developments courses like Laboratory safety & handling of chemicals and Handling of Analytical Instruments run by the department for UG and PG students. The department also runs University Affiliated course named Certificate course in Textile Chemistry for B.Sc III and M.Sc. students.

### **PURPOSE of MoU**

A Memorandum of Understanding (MoU) has been signed between the Department General Science & Engineering, N B Navale Sinhgad College of Engineering and D.B.F. Dayanand College of Arts and Science, Solapur. This partnership encourages academic cooperation including exchange of faculty, students and research scholars, among other things.

The MoU is designed to develop a genuine and mutually beneficial exchange process and research relationship between both the institutes.

### **BENEFITS TO THE INSTITUTES**

- Creation of a resource pool D.B.F. Dayanand College of Arts and Science, Solapur professionals to boost the existing skill level in the country.
- Availability of skilled students from the Program for projects which would benefit D.B.F. Dayanand College of Arts and Science, Solapur.





(30) days. Upon notice of termination GSE, NBNSCOE and D.B.F. Dayanand College of Arts and Science, Solapur agree to work in good faith to enable students to complete their respective work unhindered by the termination. The agreement may be extended by mutual consent of the institutes after the five-year period, and it must be renewed in writing.

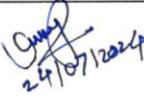
### CONFIDENTIALITY

- i. The parties will disclose the information of both commercial & technical nature with each other. However, each party has to take the written consent of the concerned authority of other party prior to disclose any confidential information to the third party. The disclosure to the third party may be in written, oral or tangible form.
- ii. It is permitted for academic projects to participate in project exhibitions as well as present papers in conferences or journals.

The parties have caused their respective duly authorized representative to execute and deliver this agreement on the date mentioned below.

Place: N B Navale Sinhgad College of Engineering, Solapur

Date: 24/07/2024

For N B Navale Sinhgad College of Engineering, Solapur	For D.B.F. Dayanand College of Arts and Science, Solapur
	
Name: Prof. Dr. Shankar D. Nawale Title: Principal <b>PRINCIPAL</b> <b>N. B. Navale Sinhgad College of Engineering</b> <b>Wegaon, Solapur-413 255</b>	Name: Prof. B. H. Damji Title: Principal
	
Name: Prof. Dr. S. H. Pawar Title: Research Director, CRTD	Name: Prof. S Y Jadhav Title: Head, Department of Chemistry

