Paint Technology Courses

Thank you for downloading this document. This is part of the series “Unusual careers”. Lesser known careers are being researched and compiled by Mrs. Shobha Mathur. They are graciously being hosted on Karmayog.org and can be accessed at
http://karmayog.org/careercounselling/
This document provides valid links to various courses. All the links are working and secure as on June 2011. For any suggestion, amendment, criticism or praise, please contact me at shobham@yahoo.com
Navigate the Document Easily

For Adobe Acrobat Reader, please click the Book mark icon on the Tool Bar.

This will open a Bookmark panel to the left of the document. It has a list of all headings. Here you can click on any heading to go there directly.

For other PDF readers, if there is no such icon, please look for Book Mark panel under Menu bar headings. It might be under View or Windows.
General Information

I have checked all links and they are correct and working as on June 2011. There is only one college which has no webpage.

Almost all courses require advance planning. Many are advertised in papers, and a deadline given for applying, examinations and admissions. You should keep in touch with the institute and follow dates. I have given e-mail addresses of all that I could find.

You should be able to reach the site by clicking on the hyperlink. If for some reason it does not work, you can copy and paste the URL in the Browser address bar.

Some scholarships are available too. The list is with the institutes.

Introduction

Colors bring beauty and life to the world. And this color is applied to various surfaces by paints.

Paint is a substance made of solid coloring matter mixed in a liquid medium and applied as a protective or decorative coating to various surfaces, canvas or other materials.

Various chemicals are combined together to make a paint. Each particular chemical substance makes a particular function in the final product.

Paint Technology is a study about

- The various ingredients – resin, polymers, pigments, etc. – that are used in making a paint - the manufacturing of paints
- The function of each particular substance used, and final property of the paint.
- Techniques used for the application of paints
- Combination of processes – metallic and non-metallic surfaces are chemically treated and then coatings of paint are applied on them for the purpose of protection or for decoration.
Different substrates and surfaces requiring different kinds of paint, coating formulations or processes.

Paints used for houses and other architectural set-ups, paints used for automobiles, aircraft and marine vessels. Also about high-performance, anti-corrosive paints used in factories and industries.

A Paint Technologist is required in different departments of the paint industry. Paint Technologists work in the research development department, production department, manufacturing department, technical service or marketing department and paint application department.

**Courses available**

Undergraduate, post graduate, and PG diplomas are all available, as well as some short duration courses. Degree courses range from four to one year.

I have also given a site where you can get free short lessons online.

**Eligibility**

Diploma in Paint Application Technology needs completion of the 10+2 or its equivalent examination with at least 50 percent marks. In addition, one has to clear a written test and an interview in order to get admission here.

Successful completion of the 10+2 or its equivalent level of education with Science is the minimum educational qualification required in order to go in for a B. Tech. (Bachelor of Technology) Degree in Paint Technology.

A Bachelor’s Degree in Science or related disciplines like Engineering, Medical Agriculture, etc., is the minimum educational qualification for the Industry Program in Paint and Coating Technology at the Institute of Cheminformatics Studies in Noida (Uttar Pradesh).

For M. Tech, B. Tech. Degree is the minimum educational qualification required.
Aptitude
A scientific and experimental bent of mind is needed for studies in Paint Technology.

Good communication skills and team spirit are necessary, since one will be required to work in close association with a host of other professionals in this industry.

Prospects
The employment potential in this industry is huge.

1. With paint companies. You will be posted in different departments like manufacturing and marketing. You start as a technician and can end as the head.

2. The research and development department of companies, with M. Tech. Degree.

3. Application units of auto, and ship industries.

4. Industries which are producing raw materials used in the manufacture of paints, and other allied industries like pigment or extender manufacturers, resin suppliers, polymer suppliers or additive suppliers.

5. Architects and Interior designers may also need help.

Growth prospects in this industry are brightened by the fact that existing business houses are expanding their businesses, while large global players in the paint industry are entering into the Indian market.

Remuneration
Starting salary ranges between Rs.1, 25, 000 to Rs.1, 65, 000 per annum as a Paint Technologist, Chemist or Officer in a paint manufacturing industry. In some industries, however, the starting salary is over Rs.2, 50, 000 per annum which goes to show that salary packages are very different across the industry. There is increase in salary as one acquires seniority in the industry.
Institutes

Full Time courses

1. INDUSTRIAL RESEARCH LABORATORY

Undergraduate, (Operatives) and post Graduates (technologists).

Age limit 25 yrs, Domicile of W.Bengal, 100% job placement.
Course recognized by Central and W. Bengal Govt.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of the course</th>
<th>Eligibility</th>
<th>No. of seats</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Paint and Varnish</td>
<td>B.Sc. , Physics, Chemistry, Math</td>
<td>12</td>
<td>2 years</td>
</tr>
<tr>
<td></td>
<td>(Technologist)</td>
<td>Course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Paint and Varnish</td>
<td>H.Sc</td>
<td>12</td>
<td>2 years</td>
</tr>
<tr>
<td></td>
<td>(Operative) Course</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Admission Procedure

Advertisements are published within the last week of June of every year in at least one leading Bengali & English Newspapers than other two/three Bengali Newspapers.

Written test is carried out normally in the last Sunday of October of every year, Examinations are carried out on Physics, Chemistry, and Mathematics.

All the questions are of objective types. Written test are carried out on 180 marks and viva-voce on 20 marks.

Address

Dr. Subrata Sil
Industrial Research Laboratory,
Canal South Road, Kolkata-700015
2. Mumbai University Institute of Chemical Technology

The Mumbai University Institute of Chemical Technology (MUICT) runs these courses. They have UG, PG and Ph.D Courses.

Their address page was down. So could not get proper address. You can try through the web page.

- **B. Tech in Polymer Engineering and Technology**
- **B. Tech in Paints Technology**
- **M.Tech. Polymer Engineering and Technology**
- **M.Tech. Paints Technology**
- **M.Sc. (By Research)**
- **Ph.D. (Tech.)**
- **Ph.D. (Applied chemistry)**


Check the scholarship page for 3 scholarships in the department

Major Research Interests
Polymer Recycling, Blends, Rheology, Polymer Processing, Synthesis and Characterization of Resins, Coloration and Color matching, Water borne Coatings, Insulating Varnishes, Ion exchange resins, Catalysis by ion exchangers, Industrial waste to wealth, Monomers for polymer industry.

3. GARWARE INSTITUTE OF CAREER EDUCATION AND DEVELOPMENT: UNIVERSITY OF MUMBAI

Under-Graduate Diploma in Paint Application Technology.
Duration - 2 & 1/2 YEARS FULL TIME (5 SEMESTERS)
Eligibility - H.S.C. Or equivalent examination with at least 50% marks.
Admission Procedure: Admission On The Basis Of Written Test Followed By an Interview.
Address
Garware Institute of Career Education and Development
University of Mumbai
Vidyanagari, Kalina,
Sanatacruz (East),
Mumbai - 400 098
Call us at:- (022) 2652 2601 (022) 2652 2601
(022) 2652 8229 (022) 2652 8229
Fax No:- (022) 2652 8142
Email :- director@giced.mu.ac.in
giceuom@vsnl.com

THE OBJECTIVE of the course is to develop a cadre of trained supervisory personnel for a career in paint and paint application industries in the country
4. Harcourt Butler Technological Institute in Kanpur

It is an old institution, and has a working department.

Admission through SEE-UPTU, affiliated to Gautam Buddha Technical university Lucknow.formerly UPTU

Courses offered:

**B.Tech - 33 seats**

**M.Tech- likely to be start from next session**

**PhD.—available**

For Institute Related Queries :

Director ( Prof. R.K. Khitoliya )

Contact no: 0512-2534000

email: director@hbti.ac.in
Registrar (Mr. Jitendra Bhaskar) & Public Information Officer
Contact no: 0512-2533601
Mob. no: 09452006116
email: registrar@hbti.ac.in
http://www hbti.ac.in/Dept/OTPT/PT/paint.html

Postal Address:
Harcourt Butler Technological Institute
Nawabganj, Kanpur (U.P.) - 208 002
Phone: +91-512-2534001-05
Fax: +91-512-2533812
http://www.hbti.ac.in/Dept/OTPT/PT/paint.html

5. Laxmi Narayan Institute of Technology in Nagpur (Maharashtra).

http://www.nagpuruniversity.org/litnagpur/
The Department of Surface Coating Technology

4 year B.Tech. (15 seats)

4 Semester M.Tech (12 seats)
Started just eleven years back is the youngest Department under the IXth plan supported by UGC. It runs under –graduate courses with excellent paint making machinery and has been the hub of an International Project on development of eco-friendly paints.

STIPENDS, FREESHIP, SCHOLARSHIPS AND STUDENTSHP
This is old information. Currently the scholarship page is under construction (June 2011)

1. Institute Studentships: There are 7 Institute studentships of Rs.250/- / pm. for 12 months to be awarded to one student of each

2. **Institute Freeships:** There are 12 Institute freeships of Rs.4000/- per annum to be awarded to 2 students of each B.Tech (C.E.) class and one student of each B. Tech (C.T.) class on merit cum means basis for the whole session. The income of their parents/guardians should not exceed Rs.20,000/- p.a. from all sources.

3. **N.E.L. & P. Co. Ltd. Scholarship:** One scholarship of Rs.130/- p.m. for the last two years of B.Tech course. This is available for the student who has passed Second Year B.Tech and who is placed in the first rank in the University examination. The award is made as per endowment.

4. **National Merit Scholarship National Loan Scholarship,** Merit Scholarship to the Children of Primary & Secondary School Teachers, awarded by the Director of Education, Maharashtra State, Pune.

5. **G.O.I. Post Matric Scholarship to Backward Class Students.** Hostel Maintenance allowance to the student staying at hostels attached to professional courses awarded by the Divisional Social Welfare Officer, Nagpur Division and Nagpur District Social Welfare Officer, Nagpur respectively.

6. **G.O.I. Freeship for B.C. students** whose parents’ income exceeds Rs.24000/- p.a. or failures or third child of parents, awarded by D.S.W.O., Nagpur.

7. **E.B.C.Concession, P.T. wards concessions,** S.S.C., D. Ed. Teachers’ concession, Scholarships and other Educational concessions to the sons of Freedom Fighter awarded by Z.P. and Educational concessions to the Defense Personnel children can be availed only when sanctioned by the concerned authority.

The details about the above stated concessions can be obtained from the office. The office as per the directive given by the respective scholarship/concession sanctioning authorities will notify the last date for the admission of the application form for the respective scholarship/concession.
Dr. N. H. Harkare Memorial Scholarship for Third Year B. Tech. (Chem. Engg.) student.

One Institute Research Scholarship for Ph.D. student.

Shri Balkrishna Hari Kale Memorial Merit Scholarship to M. Tech student.

Mr. Govind Bapuji Vaidya Memorial Merit Scholarship to M.Tech student of Food Technology.

Address

Laxminarayan Institute of Technology
Dr. Maheshkumar Yenkie
Director
Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University
Amravati Road, Opposite Bharat Nagar, Nagpur

Tel/FAX: +91 (712) 2561107
Tel/FAX: +91 (712) 2531659
yenkiemskm@rediffmail.com

Website: [http://www.nagpuruniversity.org/litnagpur/](http://www.nagpuruniversity.org/litnagpur/)

6. Jagannath Rathi Vocational Guidance & Training Institute (JRVGTI)

On the institute website there are no details available. But there were a few alumni who wrote that they have done this course from here.

Please send them an email to find out more.

Contact Details:

Director: Dr. S. N. Kanetkar
Contact No. : 02025652682, 02020254473
Fax number: 02024483771
Address : Fergusson College Campus,
Near IMDR, BMCC Road
Pune  411004
India
7. **Veermata Jijabai Technological Institute**

VJTI Covers a sixteen acre campus at a prime location at Matunga. It is easily accessible by both rail and road. The area is a hub of prestigious educational institutions including St. Joseph High School, MUICT, Don Bosco High School and Khalsa College. The Center for Industrial Research in Cotton Technology is located nearby.

**Technical and Applied Chemistry Departments > Technical and Applied Chemistry**

**Post Graduate Diploma in Chemical Technology**

**Paint Technology**

Duration: Two years; Intake 15

**Contact:**

Prof. S. M. Gaonkar  
smgaonkar@vjti.org.in  
Phone: 24198121  
http://www.vjti.ac.in/dept_chem.asp

8. **Govt. polytech Kanpur**

http://www.gpkanpur.com/index.html

**Paint Technology**

Government Polytechnic Kanpur was established in 1962. the institute was started with only two branches Civil Engg. and Mechanical Engg. with 180 students. Now it is running 18 disciplines of engineering in double shift with admission capacity of 1800 students.
Campus amenities and atmosphere makes it a best polytechnic of UP. NITTTR Chandigarh has adjudged this institute as one of the outstanding polytechnics in northern region of India for the year 2008-09 and awarded it by **best polytechnic award**.

**Contact Us**

<table>
<thead>
<tr>
<th>Principal</th>
<th>G. S. Rai</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Government Polytechnic, GT Road, Near Gurudeo Palace, Kanpur 208002, UP, India</td>
</tr>
<tr>
<td>Phone</td>
<td>0512-2580086</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:principal@gpkanpur.com">principal@gpkanpur.com</a></td>
</tr>
<tr>
<td></td>
<td><a href="mailto:principalgpknp@rediffmail.com">principalgpknp@rediffmail.com</a></td>
</tr>
</tbody>
</table>

**Eligibility**
High School with Science and Math
Duration 3 Year / intake 60
http://www.gpkanpur.com/courses.html

**9. North Maharashtra University - Jalgaon, Maharashtra**

http://www.nmu.ac.in/
Department of chemical technology
Division of paints technology:
http://www.nmu.ac.in/academics/aspx/chemt.aspx

**Course: B. Tech (Paints)**
Intake 15
UDCT runs B. Tech. course in Paints Technology and M.Tech course in Polymer Technology
Unusual Courses

Address
Reader
Dr. R.D. Kulkarni
M. Tech., Ph.D. Paint Tech
0257-2255590 2257444 9423488468
Email - drrdkulkarni@gmail.com / rdkulkarni@nmu.ac.in
http://www.nmu.ac.in/academics/aspx/chemt.aspx#DI

Office Timings & address for Correspondence:
North Maharashtra University,
P.B. No. 80, Umavi Nagar,
Jalgaon. 425 001.
Maharashtra-India
Telegram : "UTTAMVIDYA"
E-mail : coe@nmu.ac.in
Phone Nos. : EPABX : +91-(0257)-2257100, 2258428,29
Fax : COE-+91-(0257)-2258407, Registrar-+91-(0257)-2258406
Office Hours : 10 AM TO 5.40 PM (1:30 PM to 2.00 PM
Lunch Break)
Weekly Off : Sunday, first & third Saturday of every month
Cash Counter Timing : Morning : 10.30 AM TO 01.30 PM
Afternoon : 02:30 PM TO 04.00 PM
Student Helpline
http://exam.nmu.ac.in/studenthlp/aspx/Studhlp.aspx#Z2
10. **Sardar Patel University**

**Post B.Sc. Diploma in paints and Varnishes**

**M.Sc Paints and Varnishes**

For queries related to Academic For queries related to contact administrative and establishment contact

**Address**
Dr. B. Natraj,
Registrar,
Sardar Patel University,
Vallabh Vidyanagar,
Gujarat,
e-mail : b_natraj@yahoo.com
Phone : [02692]236545,226801.

[http://www.sardarpateluniversity.in/msc-courses.php](http://www.sardarpateluniversity.in/msc-courses.php)

11. **The Guru Jambheshwar University, Hisar,**

**DEPARTMENT OF APPLIED CHEMISTRY**

**P.G. Diploma in Pigment and Paint Technology (PGDPPT)**

**Duration - 2 Semester**

**NUMBER OF SEATS :** 20


**FEE STRUCTURE :**
P.G. Diploma in Pigment and Paint Technology (PGDPPT) = Rs. 20,000/- per annum

**Contact Address :**

Registrar
Guru Jambheshwar University of Science & Technology,
Distance and online courses

12. Institute of Cheminformatics Studies

Industry Program in Paint and Coating Technology

**Distance Learning**

The objective of Industry Program in Paint and Coating Technology - Distance Learning program is to provide a basic to advance level of expertise in Paint and Coating Technology and its usage in the industry.

Paint and coating technology program consist of a self-study part combined with compulsory assignments. The duration is one year.

B.Sc., B.E., B.Tech are eligible.

**The program delivery** is through regular dispatch of study material, electronic self evaluation test, and compulsory assignments. The program support is provided through e-mail / telephone / web portal. The placement support is provided to all outgoing candidates.

**Enrollment** candidates can join the program by downloading the form and submitting it by post along with necessary enclosure and fee. Those who wish to obtain a detailed prospectus may send an application mentioning name of program accompanied by a Demand Draft / Cashier Cheque of Rs. Two hundred fifty /US Dollar Thirty Five only to the Institute office at Noida.

**Dispatch** 1st set of study material is dispatched with assignment within 10 days of receiving application form and is followed by
periodic dispatches of assignments, study material & electronic workbooks.

**To complete this program the candidates have to**

Submit assignments to the Institute

Candidates are examined on the basis of assignment sent along with the dispatch of the study material. They need not appear physically at test centers.

Candidates who fail to write the assignment will not be awarded the Industry Program certificate.

A candidate has to complete the Program within a maximum period of one year from the year of joining. Pass percentage is 50% only.

### Program Fee

<table>
<thead>
<tr>
<th>Details</th>
<th>Indian Applicant (In Indian Rs.)</th>
<th>Overseas Applicant (In USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Processing and Prospectus</td>
<td>250/-</td>
<td>35</td>
</tr>
<tr>
<td>Program Fee *</td>
<td>7000/-</td>
<td>500</td>
</tr>
</tbody>
</table>

Wire Transfer facility for overseas candidates is available.

**How to Join**

Download the program joining prospectus and application form from Institute portal [www.cheminformaticscentre.org](http://www.cheminformaticscentre.org).

Submit the application form along with the program fee and contact class’s fee (optional) to the institute office at Noida.

### Application form requirement

All applications duly filled in all respects and signed by the candidate must be accompanied by
Unusual Courses

Paint Technology

- Bank Draft (In favor of “Institute of Cheminformatics Studies” payable at Delhi/New Delhi)
- Photocopies of Degree / Diploma of Qualifying examination
- Photocopy of a certificate as to the proof of Date of Birth (preferably the High School or the Higher Secondary Certificate)
- 2 copies of Passport size photographs - one pasted & one pinned

Please submit only photocopy of above documents.

The completed application form is to be submitted by post/courier to Program Coordinator-Institute of Cheminformatics Studies - Distance Learning.

Contact Details

Program Coordinator
Industry Program in Paint and Coating Technology - Distance Learning

Institute of Cheminformatics Studies
C-56A/28, Sector - 62
Noida - 201301,
UP(INDIA)
Tel: 0120 - 4320801/02
Mob: 09810535368
E-mail: reply@cheminformaticscentre.org

http://www.cheminformaticscentre.org/paint/default.asp

13. National Institute of Coating Technology

They have no web page. But other people have recommended this. please write to them or phone.
**Distance learning programs in paint manufacturing, application, powder coating**

We provide distance learning programs in various paint and coating manufacturing and application technology. Short duration courses in various technologies and Seminars, workshops. NICT Is the only Institute offering basic theory and practical on job training for industrial and architectural; painters. Industrial and Architectural Paint and painted film testing services Consultation for Project installation, trouble shooting, liaisoning, technology transfer etc.

**Address**

**National Institute of Coating Technology**

925, Neel Kamal, 2nd Floor  
Behind Deen Dayal Hospital,  
Off F C Road,  
Pune 411004,  
Maharashtra  
p: 919822295479  
Mr Meghan Manjarekar(Parnter), DR A J Shing(Dipak Chodhary) +  
+(91)-9822752450, 9225539046, 9225539045
14. **Benjamin Moore**

This is an architect’s site, offering free online short courses about paints.

**CEU (Continuing Education Units) Courses & Webinars for Architects & Designers**

Earn CEU credits with our free online courses and webinars

To help you stay on top of current paint technology, environmental regulations, color knowledge, and more, Benjamin Moore sponsors the following free online CEU courses and seminars through AEC Daily.

Available Courses:

- Color Foundations
- Color & Light
- Creating Healthy Living Environments with New Paint Technology
- High-Performance Floor Coatings
- High-Performance Coatings for Industrial Applications
- Low-VOC Paints as a Component of Sustainable Building Concepts
- Origins of Color and Pigments
- Paint 101: What is Paint?
- Paint 201: Practical Solutions and Problem-Solving Techniques
- Three Centuries of Color

For course details and to register, visit AEC Daily.

http://www.benjaminmoore.com/bmpsweb/portals/bmps.portal?_nfpb=true&_windowLabel=contentrenderer_1_5&contentrenderer_1_5_actionOverride=%2Fbm%2Fcms%2FContentRenderer%2FrenderContent&contentrenderer_1_5NodeUUID=%2FBEA+Repository%2F24026&_pageLabel=fa_profresources
15. **The Surface Coatings Association Australia (SCAA)**

**Certificate of Surface Coatings Technology by e-Learning**

The SCAA has developed its Certificate of Surface Coatings Technology course into self-paced, distance learning format. The development was assisted by the Australian Paint Manufacturers’ Federation, and with contributory funding by the NSW Department of Education and Training. SCAA is delighted to have its program delivered in partnership with RMIT.

**Course fee and payment**

The course fee is **$2500** (or **$1750** for *SCAA members* - provide your member number when booking). The course is GST exempt, prices are in Australian dollars.

Enrol into this course at any time by phone, fax, post, or via our website. Please ensure you have met the required course prerequisites.

Payment is required at the time of enrolment. Visa, MasterCard, cheque or money order payments are accepted. Invoices may be issued where Company Purchase Orders accompany an enrolment form. A tax invoice and CD ROMs will be issued once enrolment is confirmed.

**Contact**

Contact course administration, if you have any enquiries;

**Phone:** +61 3 9925 8111  
**Fax:** +61 3 9925 8134  
**Email:** enquiries@rmit.edu.au

**Post:**  
PO Box 12058,  
A’Beckett Street,  
Melbourne VIC 8006  
Australia

**In Person:**  
Level 9, 501  
Swanson Street,  
Melbourne VIC 3000  
Australia

Some other related sites.

16. **International Maritime Training Centre (IMTC)**

Corrosion protection and paint technology course for ships

4 days course (Runs continuously whole year)

Suggested Target Group: All Officers and Ratings.

India

**Postal address**
201,'SIGMA'
Technology Street
Hiranandani Gardens
Powai
Mumbai - 400 076
India

Telephone: (+ 91) 22 - 2570 5570

Fax: (+ 91) 22 - 2570 5547

E-mail:
imtc.mumbai@wilhelmsen.com

http://www.wilhelmsen.com/services/maritime/companies/IMTC/Courses/NauticalAndcargo/Pages/Corrosionprotectionandpainttechnologycourse.aspx

**The Indian Paint Association**

Established in 1962, The Indian Paint Association is the apex body of the Indian Paint Industry, which represents both the organized sector and the small scale sector in the paint industry. It is a voluntary non-political and non-profit organization which promotes the interest of the paint industry and the society.

http://www.ipaindia.org/