College(D.Y.P.C.E.T.) related Questions and Answers:

Question 1: What engineering programs do you offer?

Answer:

B.Tech. Computer Science and Engineering | no. of seats :240

B.Tech. Data Science | no. of seats: 180

B.Tech. Artificial Intelligence and Machine Learning | no. of seats: 120

B.Tech. Civil Engineering | no. of seats: 120

B.Tech. Mechanical Engineering |no. of seats: 120

B.Tech. Chemical Engineering |no. of seats 60

B.Tech. Electronics and Telecommunication Engineering | no. of seats: 60

Question 2: Can you provide an overview of the engineering curriculum?

Answer: No. of Courses in DYPCET

→ B.Tech. Computer Science and Engineering

B.Tech. Data Science

B.Tech. Artificial Intelligence and Machine Learning

B.Tech. Civil Engineering

B.Tech. Mechanical Engineering

B.Tech. Chemical Engineering

B.Tech. Electronics and Telecommunication Engineering

Question 3: Overview of DYPCET college?

Answer:

DY Patil College of Engineering and Technology started its first academic session in 1984-85 in Kolhapur. DYPCET is affiliated to Shivaji University, Kolhapur. The college offers undergraduate and postgraduate courses in Engineering and Architecture. All the courses are offered under the departments of civil engineering, electronics engineering, mechanical engineering, production engineering, general engineering, chemical engineering and architecture.

Question 4: About Training and Placement Cell of DYPCET?

Answer:

The Training and Placement Cell of DYPCET handles campus placement of the B Tech & M Tech graduating students of all our campuses for Engineering. The Placement Cell provides complete support to the visiting companies at every stage of placement process. Arrangements for Pre-Placement Talks, Online/Offline Tests, Interviews and Group Discussions are made as per the requirement of the visiting companies.

The Training & Placement Cell plays a crucial role in locating job opportunities for Under Graduates and Postgraduates passing out from the college by keeping in touch with reputed firms and industrial establishments. The Training & Placement Cell operates round the year to facilitate contacts between companies and graduates. The number of students placed through the campus interviews is continuously rising. On invitation, many reputed industries visit the institute to conduct recruitment process.

We have been successful in maintaining our high placement statistics over the years and the fact that our students bear the recession blues with record breaking placements itself is a testimony to our quality. Our ingenious alumnae have set new standards in the corporate world through their estimable

contributions and it is my firm conviction that we will continue that legacy in the years to come.

The Training & Placement Cell organizes career guidance programs for all the students starting from first year. The cell arranges training programs like Mock Interviews, Mock Online Tests, Group Discussions, Communication Skills Workshop & Company specific training programs etc and it also organizes Public Sector Exam Training for students who are interested to join Government Sectors. It also invites HR Managers from different industries to conduct training programmes for final year students.

Our Institute is accredited by so many top companies from which they are visiting our college every year for conducting Placement Training programs and Campus Interviews.

Question 5: Top recruiters of Campus Placement?

Answer:

These following Companies came for Campus Drive:

Infosys Technologies Ltd. Pune Embedded Computing Systems Pvt. Ltd., Pune

Wipro Technologies Ltd. Pune Fasttrak Software Systems, Pune

Mind Tree Ltd., Bangalore Impact Infotech Ltd., Mumbai

Syntel Ltd., Pune Infotech Enterprises Ltd., Hyderabad

Patni Computer Systems Ltd., Pune KPIT Cummins Infosystems Ltd., Pune

Persistent Systems Pvt. Ltd., Pune SPML Infra Ltd., Thane

Seed Infotech Ltd., Pune Tega Industries Ltd., Culcutta

Tech Mahindra, Pune Vertex Ltd., Pune

Kirloskar Oil Engine Ltd., Pune VIT Infotech Tech Ltd., Pune

Tech Mahindra & Mahindra Satayam, Pune Accenture Service Pvt, Ltd., Bangalore

Thyssencrupp Indisries India Ltd., Pune Afcons Infrastructure Ltd., Mumbai

Bosch Chassis Systems India Ltd., Pune Alkyl Amine Chemicals, Mumbai

Force Motors Ltd., Pune (Formaly Bajaj Tempo) Amby Vally Ltd., Pune

Kirloskar Brothers Ltd., Kirloskarwadi Elcome Marine Services Pvt. Ltd., Mumbai

Motherson Techno Tool Ltd., Delhi Kolte Patil Developers Ltd., Pune

KPIT Technologies Kummania Engineering Corporation (KEC), Mumabai

KPIT, Pune Mphsis BPO International

Kirloskar Pneumatic Company Ltd., pune Pernenial System

Transcend Design Services Pvt. Ltd., Thane Pidilite Industries Ltd., Mahad

Mahindra & Mahindra, Nashik Polaris System, Pune

Persistent Systems Pvt. Ltd., Pune Polyplast Chemipiants Pvt. Ltd., Thane

Uttam Ghalva Steels Ltd., Khopoli Praj Industries Ltd., Pune

IVRCL Infrastructure & Projects Ltd., Hyderabad Tata Bluescope Steel Ltd., Pune

L& T Chiyoda Ltd., Mumbai TCS, Pune

B.E. Billimoria & CO., Ltd Mumbai Yash Creation Inc, Kolhapur

Aryansinfoway Pvt. Ltd., Trivandrum A. S. Muloobhoy & Sons Pvt. Ltd., Mumbai

HSBC Software Development (India) Pvt. Ltd., Pune Acty Systems, Mumbai

Privi Organice Ltd., Mahad Aftech Ltd., Pune

V V F Ltd., Mumbai Aloha Technology Pvt. Ltd., Aundh-Pune

Question 6: Does College provide any Foreign Language programs?

Answer:

As the world comes to India and Indians make an impact in countries abroad, many technology professionals find that the knowledge of foreign languages gives them a definite edge over their technical counterparts. The Foreign Language Program of DYPCET has designed courses in French, Japanese, German to meet global needs and turn these foreign languages into an asset

for those who intend to join multinational companies and look for opportunities abroad.

Question 7: More about Foreign Language Programs:

Answer:

Language Offered : Japanese, German, French

No. of students trained till date:

JAPANESE : 135

GERMAN : 110

FRENCH : 40

Certification Program :

Japanese : JLPT Certification/ NAT-TEST N5, N4, N3/5Q, 4Q, 3Q

Germen : A1,A2,B1

French : A1,A2,B1

FRENCH:

French, deemed as a global language, is widely used in Europe and Canada. The course also enhances the scope of engineering students finding placement in companies with French collaborations in India.

GERMAN:

Numerous German companies are emerging in India. The increased cooperation between the two countries have opened job opportunities in Germany as well. Learning German helps students to get preference over others in getting employment in such companies and in seeking employment abroad.

JAPANESE:

Engineering students benefit greatly in receiving instruction in the three Japanese scripts, namely Hiragana, Katakana and Kanji. As more and more

Japanese clients seek software solutions from India, knowing the language is a definite advantage for fresh engineers who intend to join software companies.

Question 8: What are various clubs in DYPCET?

Answer:

Clubs at DYPCET provides the opportunity to the students to explore the interest and discover the new things by participating in the variety of the programs. It will also enhance the leadership and management skills. The student life is committed to creating conditions that motivate and inspire students to devote time and energy to educationally purposeful activities in and outside the classroom. By joining a student club opens the door to building new friendships, enhancing your academic life, and exploring career opportunities. At DYPCET following club helps the student to explore their interest

- Coding and programming Club

- Robotics club

- Higher Education Club

- Art craft and Culture Club

- Photography club

- Adventure Club

- Health and Fitness Club

- Movie Club

Question 9: Transport Facilities provided by the college?

Student transportation facility available on several routes like –

Ashta , Sangli, Ichalkaranji, Hupari , Kagal, Gargoti, Bhogawati, Kuditre, Bambawade, Islampur, Washi Naka, Fulewadi, SSc Board, Kalamba.

Question 10: Various certificates and appreciations acquired by DYPCET:

he Institution is approved by All India Council for Technical Education (AICTE), New Delhi, Government of Maharashtra and affiliated to Shivaji University, Kolhapur. The Institute is accredited by National Assessment and Accreditation Council (NAAC), Bangalore with 'A' grade (CGPA- 3.08). Architecture department of the Institute is ranked amongst the top 13 Architecture Colleges in India by Outlook India and ranked 21st by India Today in 2021. Three UG programs viz., B. Tech (Computer Science and Engineering), B. Tech. (Electronics & Telecommunication Engineering) and B. Tech. (Mechanical Engineering) is re-accredited by National Board of Accreditation (NBA), New Delhi for a period of three years from 2022 to 2025.

Courses offered by each department and their information

First Year: In the DYPCET the First Year Engineering (F.Y.) is treated as a separate department for taking care of the first year engineering students. Department contributes to laid a foundation of Engineering and make students ready to peruse their career in engineering. It imparts knowledge in various courses like Engineering Mathematics, Engineering Physics, Engineering Chemistry and Professional communication to build up roadmap for their career.

Civil Engineering: Civil Engineering is one of the core engineering branches offered by DYPCET. This Course include Applied Mechanics, Structural Engineering, Transportation Engineering, Fluid Mechanics, Design of steel Structures, Management for Civil Engineering, Geotechnical Engineering, Irrigation Engineering, Hydraulic Machines, Earthquake Engineering and many more courses some of them are theoretical and practical based also. Students will also get freedom to choose their Open Elective courses.

Mechanical Engineering: This core engineering branch offers both practical and theoretical experience to the students. It includes Fluid Mechanics, Kinematics and Theory of Machines, Applied Thermodynamics, Fluid and Turbo Machinery, Machine Tools and Processes, Machine Drawing and Computer Aided Drafting Lab, Industrial

Engineering and Operation Research, Metallurgy, Metrology and Quality Control, Design of Machine Elements, Heat Transfer, Mechatronics, Refrigeration and Air Conditioning.

Chemical Engineering: Chemical Engineering is also a core branch of Engineering, DYPCET updated this branch with the latest trends in chemical industry such as MATLAB programming, computational techniques. Other courses include, Mechanics of Material, Fluid Flow Operations, Industrial & Engineering Chemistry, Computer Techniques in Chemical Engineering, Heat Transfer Operations, Chemical Engineering Thermodynamics, Environmental Engineering and Plant Utilities/ Advance Computational Techniques / Industrial Economics, Management & Entrepreneurship, Process Instrumentation & Instrumental Methods of Analysis, Chemical Equipment Design, Mass Transfer Operations, Introduction to Chemical Process Simulation & MATLAB, etc.

Electronics and Telecommunications (ENTC): Electronics and Telecommunications are quite in demand branches in DYPCET because of their more practical based courses. This includes courses like Electronics Circuits Analysis & Design, Analog & Digital Communication, Data structures & algorithms, Instrumentation & Control System, Signals and Systems, Electromagnetic waves & radiating systems, Power Electronics, Digital System Design using Verilog, Microprocessor and microcontroller, Embedded Systems, Industrial management, Wired & Wireless Communication, Data Communication & Network etc.

Computer Science and Engineering (CSE): This is a core branch of new age of Technology it is further specialized in Data Science and Artificial Intelligence and Machine Learning. This branch includes courses like Software Engineering, Discrete Mathematics & Structures, Computer Organization & Microprocessors, Data Structures, Advanced C Programming, Statistics & Fuzzy System, Operating Systems, Computer Networks, Java Programming, Distributed Systems & Cloud Computing, Database Engineering, Python Programming, Design and Analysis of Algorithms, Information Security, Web Technology, etc.

Data Science (DS): As a sub-branch of CSE it has some common courses from CSE for example, Data Structures, Discrete Mathematics, Microprocessors, Networking, C Programming, Python Programming, etc. What differentiates this from its core branch is because of the following courses added according to its specialization: Probability and Statistics, Fundamentals of Data Science, R

Programming, Exploratory Data Analysis and Visualization, Introduction to Machine Learning, Optimization for Data Science, Advanced ML, etc.

Artificial Intelligence and Machine Learning (AIML): As a sub-branch of CSE it has some common courses from CSE for example, Data Structures, Discrete Mathematics, Microprocessors, Networking, C Programming, Python Programming, etc. It includes following courses: Probability and Statistics, Fundamentals of AI, Cloud Computing, Introduction to Machine Learning, Advanced Machine Learning, Deep Learning, Natural Language Processing, Reinforcement Learning, etc.

DYPCET Placement Record of Last 5 Years:

Sr. No	Academic Year	Companies Participated	Single Offer	Multiple Offers	Total Students Placed	Total Job Offers	Highest Salary in LPA	Average Salary in LPA	Median Salary
1	2023-24	35	179	92	222	271*	7.8	4.6	3.5
2	2022-23	174	277	386	443	663*	64	5.63	4.8
3	2021-22	232	179	176	355	626	16	6.13	4
4	2020-21	224	252	72	307	379	8	5.13	3.36
5	2019-20	110	266	76	317	342	18	4.5	1.8

Institute provide all the scholarships to the candidates admitted through CAP:

1. SC, ST, VJ/DT, NT(A), NT(B), NT(C), NT(D) and SBC category candidates get 100% Tuition fee waiver.

2. Tuition Fee Waiver Scheme (TFWS): 5% seats of every course are filled through TFWS scheme [Students admitted through this scheme get 100% waiver in tuition fee.]

3. OBC category candidates get 50% Tuition fee waiver.

4. EWS category candidates get 50% Tuition fee waiver.

5. Open Category candidate get 50% Tuition fee waiver through EBC Scheme.

6. All minority Schemes provided by government of Maharashtra are available to minority students.

DYPCET ADMISSION :

Documents to be produced along with Application Form for Admission:

Sr. No.	Type of Candidate	Copies of documents to be produced
1	All Candidates	1. SSC (Std.X) mark sheet. 2. HSC/Diploma/B. Sc. mark sheet. 3. JEE(Main) /NEET / NATA Score Card Mark Sheet. 4. School Leaving Certificate, if required to substantiate claim. 5. Certificate of the Indian Nationality of the candidate. 6. For Second Year Engineering and Technology: Equivalence Certificate from Maharashtra State Board of Technical Education, Mumbai [www.msbte.com] for student having passed diploma from Other Board] (excluding Govt Autonomous Institutes in Maharashtra and Dr. B.A.T.U. Lonere)

In addition to the above document's candidates are required to produce the following additional documents depending upon the category to which they belong

Sr. No.	Type of Candidate	Copies of documents to be produced
2	Type– A Candidates	Domicile/Birth/Leaving certificate of candidate Indicating place of Birth in the State of Maharashtra.

3	Type– B Candidates	Domicile certificate of candidate/father/mother of candidate indicating that he/she is domiciled in the State of Maharashtra.
4	Type– C Candidates	Certificate from the employer in the proforma – A stating that father/mother of the candidate who is a Central Government / Government of India undertaking employee is presently posted in Maharashtra.
5	Type– D Candidates	Certificate from the employer in the proforma – B stating that father/mother of the candidate who is a Maharashtra State Government / Maharashtra State Government undertaking employee. Or Undertaking along with documentary evidences from the retired employee stating the place of settlement.
6	Type-E Candidates Maharashtra Karnataka disputed border area Candidates	1. Certificate stating that candidate belongs to the Maharashtra Karnataka disputed border area in proforma – G1. 2. Certificate stating that the mother tongue of the candidate is Marathi in proforma – G2 (List of the villages in Maharashtra Karnataka
7	Backward class Candidates belonging to S.C./S.T.	1. Caste certificate 2. Caste/Tribe validity certificate
8	Backward class Candidates belonging to VJ/DT NT(A)/ NT(B) / NT(C)	1. Caste certificate 2. Caste validity certificate 3. Non creamy layer certificate @ valid upto 31st March 2022.

	/ NT(D) /O.B.C./ SBC	
9	Economically Weaker Section (EWS) Candidate	In addition to the documents mentioned in Sr. No. 1 above, Eligibility Certificate for Economically Weaker Section Proforma – V
10	Orphan candidate	In addition to the documents mentioned in Sr. No. 1 above, Orphan Certificate Proforma – U
11	Ex-Servicemen (Def-1)	1. Defense Service Certificate Proforma – C. 2. Domicile certificate of father/mother who is Ex-service personnel is domiciled in the State of Maharashtra.
12	Active Domicile Defense Candidates. (Def-2)	1. Defense Service Certificate Proforma – C 2. Domicile certificate of father/mother who is an active defense service person is domiciled in the State of Maharashtra.
13	Active Non-Domicile Defense Candidates. (Def-3)	1. Defense Service Certificate Proforma – C and D/E. 2. Certificate from the employer in the proforma – D stating that father/mother of the candidate who is an active defense service person presently posted in Maharashtra. OR Certificate from the employer in the proforma– E stating that father/mother of the candidate who is an active defense service person and has retained the family in his previous place of posting in Maharashtra.
14	Persons with Disability Candidates	1. Certificate in the pro forma 2. Domicile certificate of candidate.

15	Jammu and Kashmir Migrant candidates	1. Certificate of posting in case of defense and Government servants in proforma – J 2. Certificate of stay in refugee camp for those staying in camp in proforma – K 3. Certificate stating that the candidate belongs to displaced family proforma –L
16	Foreign nationals / Foreign Students	1. Eligibility Certificate from the Association of Indian Universities, New Delhi (AIU) if candidate passed Qualifying examination from abroad. 2. Passport of the Candidate. 3. Affidavit of candidate/Parent disclosing his full identity i.e. full name, age, residence, occupation, relationship with candidate duly signed by the Candidate/parents. 4. Proof of residence i.e. Driving License or Telephone Bill of candidate 5. Statement of Marks or Certificate of Passing SSC / Equivalent Examination. 6. Statement of Marks or Certificate of Passing HSC / Equivalent Examination. 7. Statement of Marks or Certificate of Passing Qualifying / Equivalent Examination.
17	Persons of Indian Origin	1. Eligibility Certificate from the Association of Indian Universities, New Delhi (AIU) if candidate passed Qualifying examination from abroad. 2. Passport of the Candidate. 3. PIO / OCI Card. 4. Affidavit of candidate/Parent disclosing his full identity i.e. full name, age, residence, occupation, relationship with candidate duly signed by the Candidate/parents. 5. Proof of residence i.e. Driving License, Telephone Bill, Property Tax copy, IT return copy of sponsor 6. Statement of Marks or Certificate of Passing SSC / Equivalent Examination. 7. Statement of Marks or Certificate of Passing HSC /

		Equivalent Examination 8. Statement of Marks or Certificate of Passing Qualifying / Equivalent Examination.
18	Children of Indian Workers in Gulf Countries (CIWGC)Non-Resident Indian	1. CIWGC Certificate of the Candidate OR of his/her Mother or Father 2. Affidavit of candidate/Parents disclosing his full identity i.e. full name, age, residence, occupation, relationship with candidate duly signed by the Candidate/parents. 3. Passport, Nationality Certificate of Parent. 4. Residence of parent in Gulf Countries, Valid VISA of Parent 5. Work Permit or Letter from the Employer on Company Letterhead. 6. Proof of residence i.e. Driving License, Telephone Bill, Property Tax copy, IT return copy of Parent 7. Proof of residence showing minimum 182 days of stay of Parent in Gulf Countries for the academic year of admission, prior to the admission date True copy of Gulf bank account passbook (copies of main page indicating bank name & address, Parent name & address, with entries of last preceding 6 months prior to admission) 8. Eligibility Certificate from the Association of Indian Universities, New Delhi (AIU) if candidate passed Qualifying examination from abroad. 9. Statement of Marks or Certificate of Passing SSC / Equivalent Examination. 10. Statement of Marks or Certificate of Passing HSC / Equivalent Examination. 11. Statement of Marks or Certificate of Passing Qualifying / Equivalent Examination.
19	Non-Resident Indian	1. NRI Certificate of the Candidate OR of his/her Mother or Father OR the real brother/real sister ordinarily residing abroad OR NRI certificate of the persons having blood relation with the student who consider such student as

'Ward' viz-real brother/sister of father OR real brother/sister of Mother OR father/mother of father OR father/mother of Mother OR 1st degree paternal/maternal cousins, ordinarily residing abroad and should have looked after the candidate as guardian with documentary evidence & affidavit in support of the aforesaid facts. Parents CDC Continuous Discharge certificate) if claimant is Merchant Navy employee.

2.   Affidavit of candidate/sponsor disclosing his full identity i.e. full name, age, residence, occupation, relationship with candidate duly signed by the Candidate/parents/sponsor.

3.   Passport, Nationality Certificate of sponsor

4.   Residence of NRI, Valid VISA of sponsor

5.   Proof of residence i.e. Driving License, Telephone Bill, Property Tax copy, IT return copy of sponsor

6.   Proof of residence showing minimum 182 days of stay of sponsor in abroad for the academic year of admission, prior to the admission date

7.   True copy of foreign bank account passbook (copies of main page indicating bank name & address, sponsor name & address, with entries of last preceding 6 months prior to admission)

8.   Affidavit of family chart duly signed by sponsor making clear relationship

9.   Leaving certificates, Birth extracts, mark sheets, PAN Card, Passport, Marriage Certificate of all members shown on family tree/chart.

10. Eligibility Certificate from the Association of Indian Universities, New Delhi (AIU) if candidate passed Qualifying examination from abroad.

11. Statement of Marks or Certificate of Passing SSC / Equivalent Examination.

12. Statement of Marks or Certificate of Passing HSC / Equivalent Examination

13. Statement of Marks or Certificate of Passing Qualifying / Equivalent Examination.

20	TFWS candidates	Income certificate stating that his/her parent's annual income is less than Rs. 8 Lakh from all sources issued by the appropriate competent authority of the Maharashtra State.
21	Minority Candidates	1. Declaration of the Candidate for the respective Linguistic / Religious Minority Community or Leaving Certificate having information pertaining to Religion / Mother tongue 2. Domicile Certificate of Candidate or the documents specified for Maharashtra State Candidature Type A.

Admission Process of DYPCET:

Eligibility Criteria for FY (B. Tech.)

Eligibility Criteria for various types of candidature for Admission:

Maharashtra State Candidates,

Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant Candidates,

All India Candidates (AI)

The candidate should be an Indian National;

Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects, or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together; and The Candidate should have appeared in all the subjects in MHT-CET 2021 and should obtain non zero score in MHT-CET 2021 conducted by the Competent Authority;

Or

Passed Diploma in Engineering and Technology and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories Economically Weaker Section (EWS) and Persons with Disability candidates belonging to Maharashtra State only)

Obtained non zero score in MHT-CET 2021 / Obtained non zero positive score in JEE(Main) Paper I or MHT-CET 2021.

NRI/OCI/PIO, Children of Indian workers in Gulf Countries (CIWGC), Foreign National (FN) Candidates:

The candidate should have passed the HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational Subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies subjects, and obtained at least 45% marks in the above subjects taken together;

Any other criterion declared from time to time by the appropriate authority as defined under the Act.