

B.Sc. Blended

A

Three year degree program of
Getting implemented at Progressive Education Society's
Modern College of Arts, Science and Commerce College,
Ganeshkhind, Pune-411016 India
(Affiliated to Savitribai Phule Pune University, India)

*{Popularly known as "**Modern College Ganeshkhind, Pune**"}*

Equivalent to the degree program of
University of Melbourne , Australia
The top most university in Australia (world rank 31)

Highlights of B.Sc. Blended program

- The meritorious students are eligible for DST-INSPIRE Scholarship for pursuing B.Sc. Blended.
- B.Sc. Blended is a credit based multidisciplinary three year degree program of Savitribai Phule Pune University (SPPU) equivalent to Bachelor of Science degree of University of Melbourne, Australia (UOM). University of Melbourne is the topmost university in Australia having world rank 31.
- The syllabus is of international standard prepared by the experts from SPPU, UOM and IISER.
- In the first two years Biology, Physics, Chemistry and Mathematics are compulsory subjects and in the third year the students will take Chemistry as a special subject.
- The students get the essence of Chemistry with the multidisciplinary approach towards Biology, Physics, Mathematics, Computers and English.
- First two rankers get fellowships for pursuing higher education in UOM.
- Free access to online learning resources of UOM.
- Course structure, assessment and academic audit by UOM.
- Guidance by experts from India and abroad.
- Soft skills development and skill based training.
- Computer programming is involved.

Career Opportunities

- The three year B.Sc. Blended program is internationally recognized and allows the Students for direct admission for post-graduation Program with appropriate majors in University of Melbourne, Australia (UOM) and other universities in Australia.
- While taking admission in other foreign universities for higher studies, it will be considered as the degree equivalent to the UOM which has world rank 31 in the year 2020-21.
- Students are also well prepared to qualify for various entrance exams and get admission for Masters and Integrated Ph.D. programs at reputed institutes like IISERs, IISC, TIFR, IUCAA and IITs.
- Eligible for job opportunity in reputed organizations such as DRDO, ISRO, BARC,ONGC, NTPC and BHEL etc.
- Chemistry is a fundamental science having multidisciplinary approach. Hence, a Bachelor in Chemistry has a wide scope in many inter related fields such as Biology, Physics, Mathematics and Computers.
- Guidance for the start ups.
- Guidance for the out of the box career opportunities for the creative students.
E.g. Scientific writing, Scientific photography etc.

Mention of B.Sc. Blended program at Vaishvik Bharatiya Vaigyanik (VAIBHAV) Summit 2020

Video link <https://youtu.be/jFVBe0IkaLo> (at 14.30min)

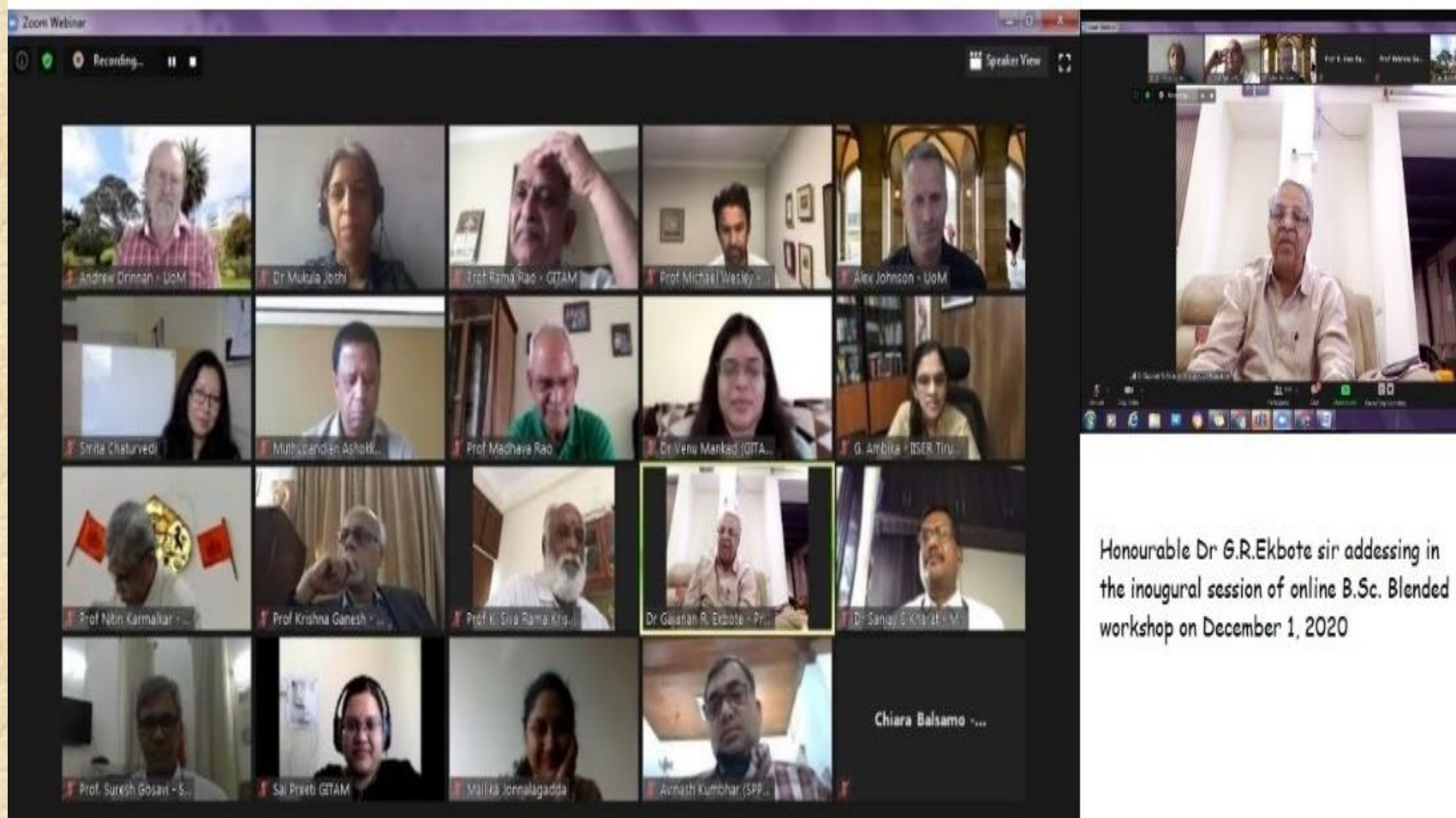


Eminent personalities talking about B.Sc. Blended



BSc Blended 2020 Virtual Workshop HIGHLIGHT video link
https://www.youtube.com/watch?v=zhMQ_Qswit0

Honorable Chairman Dr Gajanan R. Ekbote sir interacting with the B.Sc. Blended students



Honourable Dr G.R.Ekbote sir addressing in the inaugural session of online B.Sc. Blended workshop on December 1, 2020

From top left to right

First row: Dr Andrew Drinnan, Dr Mukula Joshi, Dr Rama Reddy, Prof Michel Wesley, Dr Alex Johnson,

Second row: Dr Smita Chaturvedi, Prof M.Ashokkumar, **Professor B.S. Madhavarao**, Ms Venu Mankad, Professor G Ambika,

Third row: Hon Vice Chancellor Prof Nitin Karmalkar, Dr KNGanesh, Prof Shiva Reddi , **Hon Professor Dr G. R. Ekbote**, **Principal Dr Sanjay Kharat**,

Fourth row: Professor Saurabh Pal, Dr Sai Preeti, Dr Mallika, **Professor Avinash Kumbhar**

Dr Andrew Drinnan,
Coordinator-B.Sc. Blended
from University of
Melbourne,Australia
Visited Modern College,
Ganeshkhind,Pune



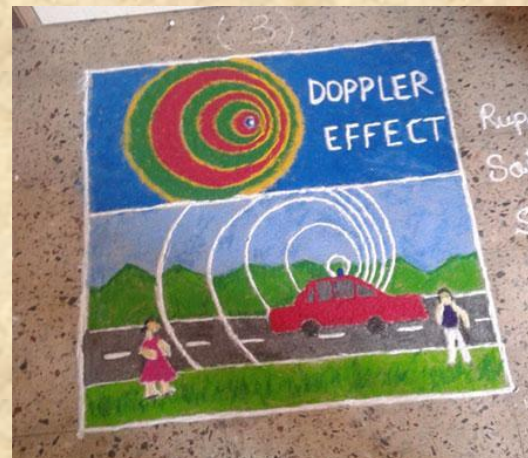
Interactions



Alex Jonsoon and Deb King from University of Melbourne Visited on August 21, 2019



Learning beyond the classroom

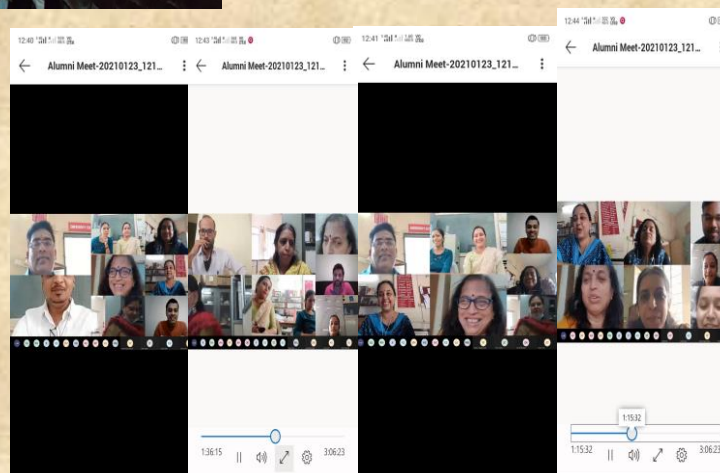




Guest lecture by Dr. G. C. Maikap



Visit of Dr. Andrew Drinnan to Chemistry Dept and Dr David McFyden



B.Sc. Blended in media

Modern college to offer BSc blended course

TIMES NEWS NETWORK

Pune: Considering the need of a multidisciplinary approach and to achieve international standards in academics, the Progressive Education Society's Modern College of Arts, Science and Commerce College has started a Bachelor in Science (B.Sc) blended course in chemistry. The course will be conducted together with the University of Melbourne (UOM).

Principal Sanjay Kharat said at a news conference on Wednesday. "The course in chemical sciences is a credit based multidisciplinary course approved by UOM and Savitribai Phule Pune University (SPPU). The blended degree is equivalent to the B.S. degree of UOM and B.Sc. degree of SPPU. The first two rankers get fellowships for pursuing a master's degree at UOM."

After the completion of formalities by state government, the course will be starting from this academic year (2019-20). The B.Sc

blended course in chemistry course is a three year degree. The admissions are open and the eligibility for applying for the course is Higher Secondary School Certificate (10+2) or its equivalent examination in the science stream with mathematics as one of the subjects. The total intake is restricted to 40 students.

Kharat said that the aim of the course is to introduce the fundamentals of science education and help students build the interdisciplinary approach among others. The students will get free access to online learning resources of UOM and also assessment and academic audit by UOM. The students would be awarded a degree certificate of SPPU and a separate certification of quality assurance by UOM.

In the first two years the students will learn chemistry, physics, mathematics, biology, English communication and computer programming. The third year involves chemistry as a specialized subject, Kharat said.

Times of India August 18, 2019

नवभारत

विदेशी विश्वविद्यालयों की मदद से...

ब्लेंडेड केमेस्ट्री की तर्ज पर हो आर्ट्स पाठ्यक्रम

नवभारत न्यूज नेटवर्क

पुणे. ऑस्ट्रेलिया में स्थित मेलबर्न विश्वविद्यालय के साथ मिलकर सावित्रीबाई फुले पुणे विश्वविद्यालय की ओर से मॉडर्न कॉलेज में ब्लेंडेड केमेस्ट्री बीएससी पाठ्यक्रम चलाया जा रहा है. विश्वविद्यालयों का यह सहयोग तथा उपक्रम काफी सराहनीय है. इसी तर्ज पर कला शाखा में भी तैयार कर उनपर अमल किया जाए, ऐसा आवाहन प्रोग्रेसिव एजुकेशन सोसाइटी के कार्याध्यक्ष गजानन एकबोटे ने किया. पुणे के गणेशखिंड स्थित मॉडर्न महाविद्यालय



UOM OF SAVITRI BAI PHULE, CHEMISTRY, PROGRESSIVE EDUCATION SOCIETY, PUNE

में शुरू किए गए ब्लेंडेड केमेस्ट्री बीएससी पाठ्यक्रम की विस्तार से जानकारी देने के लिए हाल ही में एक वेबीनार का आयोजन किया गया. इस तरह का पाठ्यक्रम चलाने वाला 'मॉडर्न' इकलौता महाविद्यालय है. इस वेबीनार में मेलबर्न विश्वविद्यालय उपकुलनुरु प्रा. डॉ. मायकेल वेस्ले ने भी मार्गदर्शन दिया.

'प्रोग्रेसिव' के कार्याध्यक्ष गजानन एकबोटे की अपील

डॉ. एकबोटे ने कहा कि, यह पाठ्यक्रम राष्ट्रीय शिक्षा नीति 2020 के डिजाइन किया गया है. बुनियादी विज्ञान एवं अनुसंधान दृष्टिकोण के लिए बीएससी जैसे बहुशाखीय कार्यक्रमों पर अमल होना जरूरी है. इन पाठ्यक्रमों को एक साथ लाने के चलते भविष्य के शिक्षा और अनुसंधान का प्रतिनिधित्व करने वाले छात्र तैयार होंगे, जिसका सभी को फायदा होगा. इस समय प्रा. डॉ. मायकेल वेस्ले और सावित्रीबाई फुले पुणे विश्वविद्यालय के कुलनुरु प्रा. डॉ. नितिन करमलकर ने भी अपने विचार रखे.

- आईआईएसआईआर (तिरुपती) के निदेशक प्रो. कृष्णा गणेश ने यह पाठ्यक्रम किस तरह से तैयार किया गया इसकी जानकारी रखी.
- इसके अलावा जीआईटीएम (हेदराबाद) के प्रो. के. शिव रामा कृष्णा ने भी पाठ्यक्रम की जानकारी दी. इस वेबीनार का समन्वय मेलबर्न विश्वविद्यालय के एसोसिएट प्रोफेसर एन. ड्विनी ने तथा सूत्र संचालन डॉ. एलेक्स जॉन ने किया.

Pune's Modern College starts new course 'BSc Blended in Chemistry'

Modern College will become the first college to offer the BSc Blended in Chemistry course, added Dr Sanjay Kharat, principal of the college.

By: Express News Service | Pune |
August 19, 2019 4:32:18 am



Modern College, in association with Savitribai Phule Pune University (SPPU) and the University of Melbourne has started a new course — BSc Blended in Chemistry.

Dr G R Ekbote, chairman of the Progressive Education Society, told mediapersons last week that the three-year graduation course is specifically designed to prepare students for industry. Modern College will become the first college to offer the BSc Blended in Chemistry course, added Dr Sanjay Kharat, principal of the college.

Admissions have begun for the first batch of the course and students can apply by August 31. The eligibility required for the course is 10+2 higher secondary school certificate or its equivalent.

B.Sc. Blended students
 virtually attend the
 academic events of
 University of Melbourne,
 Australia
 such as
 Science Festival,
 Virtual Workshops ,
 Guest lectures

Geological Time

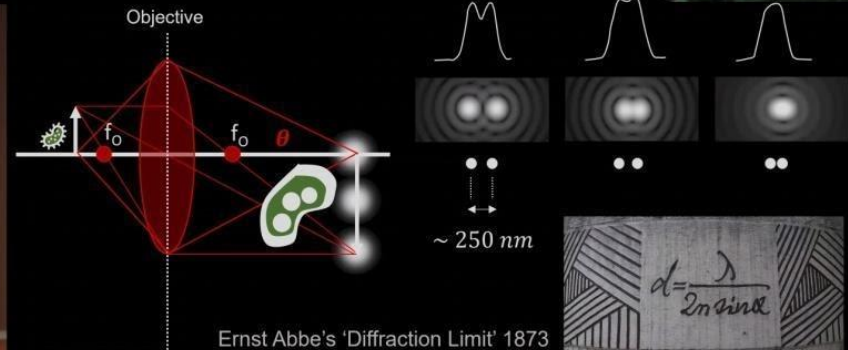
Period	AGE (Ma)*
Quaternary	0
Paleogene	66
Cretaceous	145
Jurassic	201
Triassic	252
Permian	299
Carboniferous	359
Devonian	419
Silurian	443
Permian	485
Permian	541

150 Ma Palaeogeography

* International Commission on Stratigraphy 2012
 www.scotese.com

BUT DIFFRACTION LIMITS OBSERVATION OF DNA ORGA

The light 'rays' focused by the objective lens of a microscope do not actually converge to a sharp "focal point". Instead, the light wave forms a blurry focal spot with a finite size due to



Adjacent points in a specimen below this spatial scale (200 – 300 nm) cannot be resolved by lens-based optical microscopy (e.g., DNA and 30 nm chromatin fiber).

In addition to the strong academics, B.Sc. Blended students are also active in extra curricular activities
This shows their all-round personality



Omkar Khapre

DST-INSPIRE Fellow
F.Y.B.Sc. Blended Topper
Rank holder of Inter university
Chemistry quiz



Pallavi Kajarekar

S.Y.B.Sc. Blended Topper
Has her own art brand of "Fridai"
Worked for spreading importance of
alertness In high traffic zones at Daman.

In addition to the strong academics, B.Sc. Blended students are also active in extra curricular activities
This shows their all-round personality



Shrijeet Kulkarni

T.Y.B.SC. Blended worked as a volunteer for a social welfare group called {COVID free PUNE} as an E- support in backend during pandemic.



Abhishek Ubale

T.Y.B.SC. Blended is a 7a+ grade rock climber. Active in Cycling and trekking



Gayatri Dharmadhikari

S.Y.B.SC. Blended Active in social work via Inner Wheel Club- an International organization for women.
Rank holder of Chemistry-quiz



Gayatri Dharmadhikari

S.Y.B.SC. Blended Active in social work via Inner Wheel Club- an International organization for women

Extra Curricular Activities of B.Sc. Blended students



COVID FREE PUNE CAUSE AMBASSADOR

SPREAD THE WORD

VERIFIED RESOURCES FOR

- BLOOD DONORS
- OXYGEN SUPPLIER LEADS
- HOSPITAL BED AVAILABILITY

COVID FREE PUNE

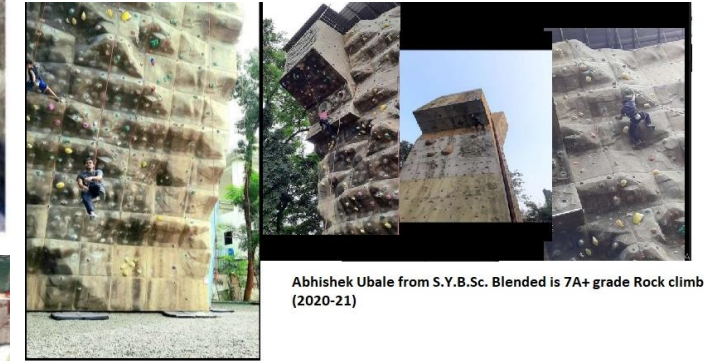
Initiative to Help Covid 19 Patients in Pune with verified Resources.

पुण्यातील कोविडरुग्णांना सत्यापित संसाधनांसह मदत करण्याचा उपक्रम

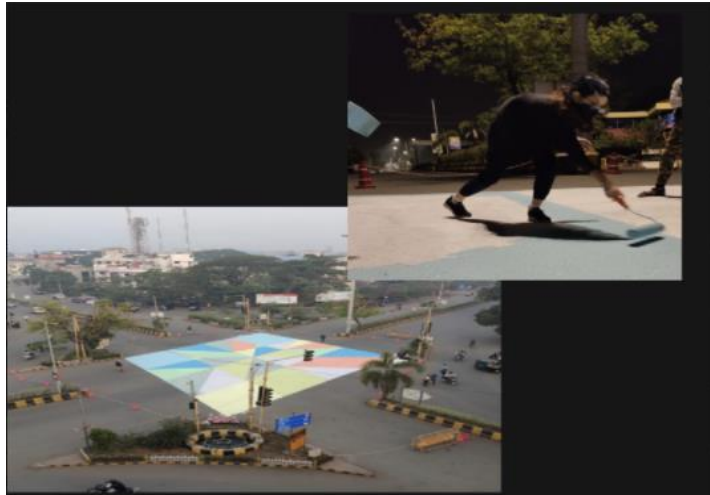
SHRIDEET KULKARNI

FOR DETAILS VISIT: <https://covidfreepune.com/>

#covidfreepune



Abhishek Ubale from S.Y.B.Sc. Blended is 7A+ grade Rock climber (2020-21)




B.Sc. Blended webpage at the website of University of Melbourne, Australia

<https://science.unimelb.edu.au/study/international-teaching-and-learning-initiatives/blended-bsc>

The screenshot shows a web browser window with the URL science.unimelb.edu.au/study/international-teaching-and-learning-initiatives/blended-bsc. The page features the University of Melbourne logo on the left and navigation links for 'Faculty of Science', 'Study with us', 'International teaching and learning initiatives', and 'Blended BSc'. A search bar and a menu icon are also present. The main content area has a blue background with a microscopic image and the title 'Bachelor of Science (Blended)'. Below the title, it states 'A Bachelor of Science course offered in partnership with selected Indian universities'. A navigation bar at the bottom includes links for 'About', 'News', 'Our partners', and 'Students'. At the very bottom, there is a cookie consent banner with the text: 'This site uses and shares cookies and similar technologies to personalise your experience, advertise to you and provide content from third-parties as well as analyse our usage. You consent to our use of such technologies by proceeding. You can change your mind or consent choices at any time. [Visit our Privacy Statement](#) for further information.' There are two buttons: 'Accept cookies' and 'Cookie Preferences'.

← → ↻ science.unimelb.edu.au/study/international-teaching-and-learning-initiatives/blended-bsc ☆ ⚙️ D

 Faculty of Science > Study with us > International teaching and learning initiatives > Blended BSc

Search Menu

Bachelor of Science (Blended)

A Bachelor of Science course offered in partnership with selected Indian universities

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Visit us virtually at www.moderncollegegk.org

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PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF ARTS, SCIENCE & COMMERCE

Ganeshkhind, Pune-16. | Affiliated to Savitribai Phule Pune University, Pune | Re-accredited by NAAC with A grade. | DST-FIST, DBT-STAR College

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Best Innovative College Award (2019-20) by CEDA.

'STAR STATUS' received from The Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India.

★ FY 2013 PATTERN RESULT ★

ent of the **CHHATRAPATI SHIVAJI MAHARAJ VANASHREE AWARD** conferred upon by **Social Forestry, Forest Department Maharashtra State** for their contribution towards **Student's, Women Welfare and Environ**

OUR MISSION

"Our goal is to create and develop "Modern" youth as responsible citizens with multidimensional personalities by inculcating among students a blending of cultural awareness, compassionate and progressive attitude, scientific insights and time-tested traditional values."



Exam Guidance Committee

CORONA VIRUS Help Center

College In Media

Online Feedback System

★ Swachhta Action Plan ★
(Committee Report)

Future Banker's Forum Blog

Minutes of Meetings

★ B.Sc. Blended In Chemistry ★
(International Collaboration Course)



★Click for Registration Link of P.G. Courses & B.Sc. Blended Online Entrance Exam 2021 for Admission Year 2021-22 (epravesh.com/ModernCollege)★

★Click for Detailed Advertisement of P.G. Courses & B.Sc. Blended Online Entrance Exam 2021 for Admission Year 2021-22★

