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From The Chief Editor's Desk

Dr. Basudeb Bakshi

Dear Readers,
I am pleased to announce the release of the second issue of 9th volume of biannual E-magazine "Spectrum: The Measure of Progress".
This E-magazine is a testament to the diverse talents and achievements of our students, as well as a platform to showcase the academic and extracurricular activities of our institution.
Over the past year, our college has made significant strides in various fields, including academics, sports, cultural events, and community service. Our students have participated in numerous competitions and brought laurels to our college. Our faculty members have also contributed immensely to the academic growth of our students.
I would like to take this opportunity to thank everyone who has played a role in making this year a success. I would also like to extend my best wishes to all our graduating students and welcome the new batch of students joining us this year.
I hope that this magazine will inspire and motivate our students to continue striving for excellence in all their endeavours.

New Education Policy NEP- A Paradigm Shift in Higher Education reforms

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Higher Education in India is gaining new stature with the National Education Policy 2020 bringing in multi-dimensional changes with respect to its regulatory framework to curriculum structure and research environment.

The announcement of the much-awaited National Education Policy (NEP) has paved the way for setting up a single regulatory body - Higher Education Commission of India (HECI), as the single authority for all public and private educational institutions (except those involved in medical and law education). In addition to oversee all research activities to be carried out by the various academic institutions in the country, National Research Foundation will be created

The NEP 2020 has aimed at almost doubling the Gross Enrolment Ratio (GER) in higher education to 50% by the year 2035, as compared to the current GER of 26.3%. It also has provision for greater autonomy to the academic institutions offering quality higher education.

Key Features of NEP-2020

- As per the NEP, the students will now have options of multiple exits during their UG programme. For example, a student can exit just after 1st year of graduation with a certificate in hand. If he/she opts to exit after the second year, an Advanced Diploma will be awarded for 2 years of successful completion of study. As usual, the 3rd year of UG completion will result in a Bachelor's Degree and 4th year of UG completion will be awarded Honors Bachelor's degree with or without Research.

- Further, the credits earned at various levels will get credited into a digitalized Academic Bank of Credit. Students can use their earned credits to take admission in another institution to further continue their studies for the remaining year/s of their graduation courses within stipulated time period.

- To strengthen both the quality and capacity of academic research, the government will establish multi-disciplinary Education and Research Universities (MERUs), at par with Indian Institutes of Technology (IITs) and Indian Institutes of Management (IIMs).

- The policy has envisioned phasing out the system of affiliation over the next 15 years and providing graded autonomy to colleges. Thus, few years down the line every college would develop into either an autonomous degree-granting college or a constituent college of a university.

- Also, the policy aims at focusing on multi-disciplinary culture in institutions offering professional education. For example, stand-alone technical universities, health science universities, legal and agricultural universities etc. will be helped to become multi-disciplinary institutions.

- National Education Policy 2020 has emphasized the use of technology in multiple ways to enhance the teaching-learning experience and also to make quality education accessible for masses. As per the NEP document, the use of technology will be taken to the next level to "ensure preparedness with alternative modes of quality education whenever and wherever traditional and in-person modes of education are not possible." This step carries special significance in the backdrop of the COVID 19 pandemic, forcing the majority of institutions to switch their teaching-learning mode from in-

person offline method to virtual learning in online mode.

- To promote 'Online Education and Digital Education', a dedicated unit will be set up to facilitate building of digital infrastructure, digital content and also to look after the e-education needs at the level of both school and higher education.
- Moreover, under the 'Open and Distance Learning' will be made more relevant with credit-based recognition of Massive Open Online Courses (MOOCs) to make these courses at par with the highest quality in-class programmes.
- The government will also establish an autonomous body – National Educational Technology Forum (NETF), which will work as a platform for free exchange of ideas on the use of technology to enhance learning, assessment, planning, and administration.

In true sense implementation of NEP-2020 in right spirit will be instrumental in providing human resource with better innovative and critical thinking, good communication skills, better learning ability and greater adaptation skills which will be ultimately helpful to generate empowered human resource which can take our country to its new heights of dignity.

References:

https://www.ugc.gov.in/pdfnews/7193743_FYUGP.pdf

https://www.buddy4study.com/article/national-education-policy

https://ruralindiaonline.org

New courses launched by NVPAS from academic year 2023-24

1) Post Graduate Diploma in Medical Laboratory Technology

Post Graduate Diploma in Medical Laboratory Technology is a one-year post-graduate diploma course. The course provides candidates to become professional medical officers and technicians in the laboratory. Medical Laboratory Technology is a crucial part of the healthcare system, they play a crucial role in the diagnosis of a disease by collecting the accurate information required about the disease. Medical Laboratory Technology also called Clinical laboratory science which is an allied health profession that is concerned with the diagnosis, treatment, and prevention of disease using clinical laboratory tests. The program is mainly designed to fill the space of lab professionals.

Eligibility: B.Sc. in any Biological science, Biotechnology, Genetics, Chemistry, or any other equivalent subjects.
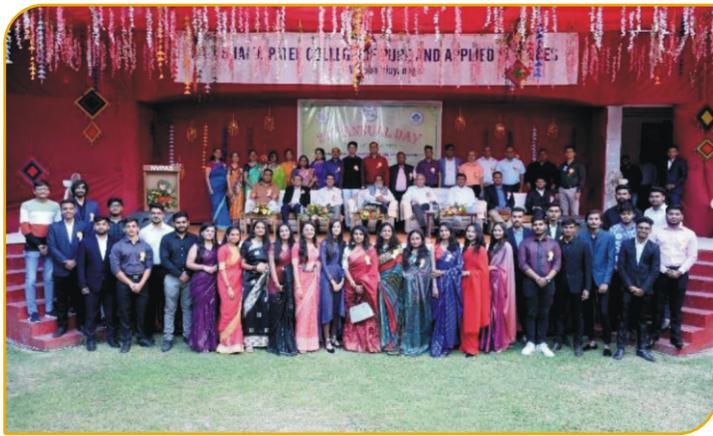
2) B.Sc. in Artificial Intelligence and Machine Learning

It is a 4 years degree program. The aim of B.Sc. Artificial intelligence and Machine Learning degree is to provide in-depth understanding of modern trends of technology and create career opportunities like Data Scientist, Human-centred AI systems researcher, Data Science Software Engineer, NLP (Natural Language Processing) Engineer, Computer Vision Engineer and many more. - The effort to simulate machine's natural intelligence programmed for communicating and learning human actions that can solve real time problems and to make computers think and act like humans.

Eligibility: 12th passed in any stream (Science /Commerce) from any from a recognized board or university, with English as one of the subjects.

Gold Medals Secured by our Students in the Academic Year 2021-22

S.No.	NAME	SUBJECT	NAME OF GOLD MEDAL
1.	Isha Darshan Naik	B.Sc.Group	Pushpaben Natubhai Patel Gold Plated Medal
2.	Nishika Raj Patel	BCA Group	Seema Mayur Patel Gold Plated Medal
3.	Isha Darshan Naik	Environmental Sciences	Charutar Vidya Mandal Gold Plated Medal
4.	Aayushi Pramodkumar Gupta	Genetics	Dr. B. R. Patel Gold Medal
5.	Sagarkumar Bharatbhai Patel	Information Technology	Charutar Vidya Mandal Gold Plated Medal
6.	Khushboo Rajeshkumar Narang	Bio-Informatics	Dr. B. R. Patel Gold Medal
7.	Hetvi Viren Ganatra	Bio-Technology	Charutar Vidya Mandal Gold Plated Medal

27th Annual day celebrated on 10th March 2023,
Dr. Nikhil Bhatt
R & D domain expert at Maxval Professional) invited as
a chief guest

College magazine "Abhivyakti" 2022-23
released on Annual day

Blood Donation Camp organized by NSS team

Voters awareness program by NSS team

International Yoga Day by NVPAS Team

Rank Ceremony Celebration by 2 Gujarat Compo (T)
Coy NCC, Vallabh Vidyanagar

Students Performing on Talent Evening

Group dance on teacher's day celebration

CVMU Runners-up Girl's Kabaddi Team

CVMU Runners-up Boy's Kabaddi Team

CVMU Kabaddi Women team secured Gold Medal

NVPAS Women Staff Cricket Team at Shastri Maidan