# Fabtech College of Pharmacy, Sangola (Approved by AICTE& PCI New Delhi: DTE., (M.S.) Mumbai & Affiliated to Dr. Babasaheb Ambedkar Technological University Lonere Dist.: Raigad &MSBTEMumbai)

#### Palbitech P Inarima Newsletter

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**Managing Director** 

**Executive Director** 

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#### BIMONTHLY COLLEGE NEWSLETTER

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Fabtech Education Society's FABTECH COLLEGE OF PHARMACY, SANGOLA

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- \* Prof. S.U. Kamble- HOD, Diploma Member
- Prof. S.M. Kazi -Associate Professor Member (Program Committee-Chairman)
- \* Prof. S. B. Nagansurkar-Associate Professor Member (Degree)

#### FROM CHAIRMAN DESK

I am very happy to know that Fabtech College of Pharmacy going to publish it's Tenth Newsletter "Fabtech Pharma Newsletter" which reflects bimonthly updates of the academic, co-curricular activities and extracurricular activities of the staff and students of the college. We at FCP conceptualize to train and bring out

the best in the prospective pharmacist, keeping in view the focus and the direction as demanded by the trends in the pharmaceutical care sector by providing efficient infrastructure, laboratories, digital library for students and staff professionally skill full. We have also intervened in doing bit towards the society and have engaged in various health campaigns for the community through the enrolment of staff and students. With this aims at preparing the students as Pharmacists and making them aware of their rights and duties stipulated on moral issues based on pharmacy ethics and values. I wish you all the best for your efforts.

Hon. Shri. Bhausaheb A. Rupnar Chairman



#### FROM PRINCIPAL DESK

It is my privilege to publish the tenth copy of Fabtech Pharma Newsletter 2023. The last two months has been phenomenal in all the respects as well could add so many activities for the students and staff which were successfully completed and has brought the name to the department. This

copy will give the information related to academic, co-curricular activities carried out in last two months. Under the visionary and strategic guidance of our management we march in achieving a sustainable success. Our students, faculty and staff come together as a true community of scholars to advance knowledge overcome challenges to pursue their fulfilments. We believe that 'Education' is a wholesome, holistic exercise and as such we strive to give a whole new meaning to word.

> Prof. Dr. S.K. Bais **Principal**

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### The Startup Environment and Funding Activity in India

India has an estimated 26,000 startups, making it the third-largest startup ecosystem in the world, recording consolidated inflows of over \$36 billion in the past 3 years with 26 "unicorns" - startups valued over \$1 billion. The Indian startup ecosystem has expanded quite rapidly mainly through private investments including seed, angel, venture capital, and private equity funds, with technical support from incubators, accelerators, and the government. The government, for its part, is creating an enabling environment through its flagship Startup India initiative, which came into force in 2016. With India pushing towards a knowledge-based and digital economy, government is attempting to deploy infrastructure and provide policy support for enhanced e-governance, investments, technology innovation through research and higher education to support entrepreneurship and spur economic growth. Data suggest that the expansion in the startup ecosystem has largely been clustered in the large (Tier 1) cities and states with financial depth, and especially in IT-enabled sectors including e-commerce, transport, and finance. Small businesses beyond the metros are not fully aware of, or integrated into, programs that provide startups with various government incentives and tax breaks. Despite the progress made so far, Indian businesses face huge challenges, such as the unorganized and fragmented nature of the market in most sectors, a lack of clear and transparent policy initiatives that startups can tap into quickly, as well as a lack of infrastructure, a lack of knowledge and exposure,

and complications in doing business. Creating more awareness of government initiatives and incentives, credit disbursement to priority sectors, promoting outreach and network benefits to Tier 2 and Tier 3 cities, as well as easing financing and tax breaks for foreign and domestic investors could improve opportunities for startups in India.

#### Introduction

For decades, India has been known for its ICT prowess, and more recently for its rapid economic development through its digital transformation and innovation. Along with its recent rapid economic development, it has also become one of the largest startup ecosystems in the world. The Indian startup ecosystem has steadily evolved in the past few years through an increasing number of angels, VC funds, incubators, and accelerators, as well as support from government initiatives such as Digital India, Startup India, and Smart Cities that will amplify startup and investment activity across cities and new sectors. This growth in startup investments and the number of unicorns comes in the wake of rapidly increasing spending power, mobile internet usage, access to new consumer markets, social media adoption, technological innovations, and favorable consumer demographics.

The current wave of startups began around 2004, when Silicon Valley Bank set up its first office in Bengaluru. Since then, the momentum of investment in startups has increased. By 2015, India had 10,000 startups, almost the same number as in the People's Republic of China (PRC) (Grant Thornton, Assocham India 2016). It also had eight "unicorns" – startups with a valuation of \$1 billion

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or more - across e-commerce marketplaces, logistics transport and mobility, and hyperdelivery, ad:tech, digital banking and finance, online aggregators, and analytics.

In August 2019, startups in India raised \$1.4 billion across 50 deals compared to just \$182 million across 32 deals the year before (IVCA-EY 2019) - a sevenfold increase. IVCA-EY (2019) estimates that India has over 50,000 startups, with 3,500 of these growing at 30% year on year, making it the world's third-largest ecosystem (behind the US and the PRC).

#### The Inflection point for Indian **Startups**

The period 2014-15 is considered an inflection point for the Indian startup ecosystem with the emergence of six "unicorns" in those 2 years. Since then, the Indian startup ecosystem has evolved steadily owing to several underlying factors, including:

- Demographic dividend: 600 million citizens are still under the age of 25, with rising internet, smartphone, and financial penetration
- Market size: growing middle class with increasing disposable income and social media adoption, changing consumer demographics that were previously inaccessible, with mobile and data tariffs among the lowest in the world
- Number of startups incorporated and increasing number of active domestic and foreign angels/VC funders
- Political will: improvement in ease of doing business and conducive innovation environment through adoption of digital technologies and government initiatives like Startup India and

Digital India and establishing regulatory infrastructure

- Spillover effects from large, listed (and unlisted) technology firms: many angel investors and a growing pool of experienced serial entrepreneurs
- Higher education: India has a huge pool of engineering and technical graduates (though many need training before they can be employed)

Emergence of startup hubs: agglomeration effect in Tier 1 cities has created larger clusters of startups, investors, and supporting infrastructure

• Industry-academic-government linkages: growth in the number of university and industry-led incubators and accelerators, and setting up of government patent hubs.

One of the major shifts in making digital services more accessible to the masses was spurred by the telecom industry shake-up, driven largely by a new entrant, Reliance Jio's price war over data in 2016. This near commoditization of the internet gave Indians the world's cheapest data plans and opened up an entirely new user base.

The past couple of years have also witnessed a rise in the value of private investments and the number of VC funds, both from within India and globally. An interesting trend has come from the East, including Japan's SoftBank Group, which had invested over \$8 billion by the end of 2018, followed by the PRC's Tencent investment holding company, and Singapore's sovereign wealth funds, GIC and Temasek. With the Chinese startup market becoming overcrowded and overheated, and more mature markets like Japan and the Republic of Korea slow to build their startup ecosystems, India has become an attractive destination among emerging markets (Table 1).

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Table 1: Top VC\* investments in India (2019)

Company	Investors	Amount (US\$M)
Udaan	Tencent, GGV Capital, Altimeter Capital, Hillhouse Capital, DST Global, Lightspeed Ventures, Others	586
Delhivery	SoftBank Corp, Carlyle, Fosun Group	413
FirstCry	SoftBank Corp	400
Ola Electric Mobility	SoftBank Corp	250
Grofers	SoftBank Corp, Tiger Global, Sequoia Capital India, KTB Ventures	220

"As of 24 December 2019, VC is defined as Seed to Series F investments in companies less than 10 years old (since registration).

Note: PE investments are not included in this list.

Source: Venture Intelligence.

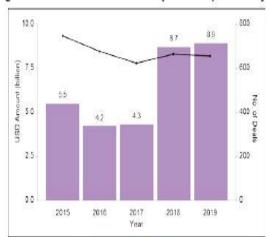
changed in 2018 when Walmart acquired a 77% stake in Indian e-commerce giant Flipkart for \$16 billion in the world's biggest e-commerce M&A deal. The deal reflected the scale and momentum at which startups in India had grown.

Despite its rapid expansion and vibrancy, India's startup ecosystem is far from mature. For a long time, Indian entrepreneurs did not focus on solving local problems or working with cutting-edge technologies. This reluctance can be partly attributed to the lack of bold venture funding, given the lack of investors with deep pockets, resolve, and patience. Further, changes in consumer behavior, low price points, long gestation periods, and cash burn, especially due to the diversity of stakeholders in a democratic and decentralized structure, did not allow for reformsto be rolled out at the same speed as in the PRC (Sharma and TN 2018).

### Recent Trends in Investment in Indian Startups and Data Availability

Between 2011 and 2015, investment values increased at a compound annual growth rate (CAGR) of over 75% and the number of deals at a CAGR of over 80%. Since then, VC investments have increased rapidly according to various estimates and peaked in 2019 (Figure 1).

Figure 1: VC\* Investments into Startups in India (2015–2019ytd)



"VC is defined as Seed to Series F investments in companies less than 10 years old. Source: Plotted by authors based on data from Venture Intelligence | As of 24 December 2019.

A challenge for obtaining data on startup finance is that they are mostly in the private realm where companies charge a subscription fee for accessing investment data and corporate financials (e.g., Venture Intelligence, Tracxn, etc.). For this paper, we have used two main sources for tracking startup funding:

1. Proprietary data from Venture Intelligence (VI): a private firm launched in 2002 and considered a leading source of information and analysis on private company financials, transactions (private

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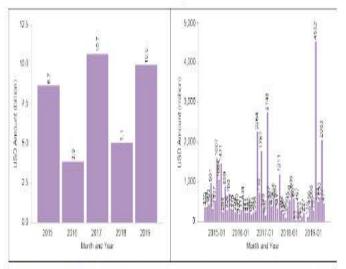
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equity, venture capital, and M&A), and their valuations in India. VI provided only anonymized startup investment data that provided general trends, without any detailed/company-level data, as that would incur a fee.

2. Open-source data web-scraped from Trak.in: a business news and opinion site that also tracks investments in startups but with open-access data that is sourced publicly. This data was useful because it tracks detailed information but lacks clear definitions and classification. It required datacleaning but it was helpful for our empirical analysis, where, for example, we needed granular company-level investment data across various states. The charts below roughly show the difference and details in the data in terms of the value of startup investments, which can be compared with the earlier chart from VI (Figure 2).

### Figure 2: Yearly and Monthly Investment data into Startups in India from trakin.com, 2015-2019



Source: Authors based on data compiled from www.trak.in.

#### Different Types of Funding Startups in India from Early to Late Stage

Financing for startups in India has followed the Anglo-Saxon model. which encourages entrepreneurial activity through financing from private and venture capital, as they are considered too risky by banking institutions. Venture capital (VC) and private equity (PE) are not regulated as in Europe. Financing avenues extend from friends and family at the very early stages, then move to seed/angel investors, and finally VC and PE money. Once the company is well established, it can then take on debt from banks, closed-end funds, and investment banks once they are ready to absorb late-stage investments, and edge towards listing an initial public offering (IPO) (Table 2).

Table 2: Funding Available for Startups at Each Stage of Their Development

Funding Type (Avg US\$ Value in India)	Startup Stage	Investor Type and Nature of Funds Raised
Angel funding (10K–1M)	Early/idea stage: seek funds for developing prototype of product/service	Individual/angel investors who provide mentorship to founders and early access to markets
Seed Funding (10K–1M)	Early/idea stage: test and develop the idea and require R&D funding (e.g., for patents)	Individual investors and VCs focused on seed funding to further support startup until it generates revenue
Pre-Series A (10K–1M)	Early stage: with some market traction looking for individual-bridge round	Bridge between individual and institutional investors focused on smaller cheques
Series A (1M–5M)	Early stage: demonstrated traction ready to expand operations and uses funds for capex, working capital, expansion	First round of institutional investors with existing individual investors and may include corporate venture arm of large corporations
Series B (3M upwards)	Early stage: established with demonstrated traction and needs to scale after demonstrating product- market fit	Second round led by institutional investors, can include existing individual investors, and venture capital funds
Series C, D (6M upwards)	Growth stage: established and successfully running at scale and poised to expand using funds for capex, organic, or acquisition growth	Institutional investors including large/late- stage VCs, Pes, hedge funds, and banks come in, buy out early investors, often with handsome returns
Series E, F, and beyond (15M upwards)	Growth stage: well established and successfully running at scale and maybe poised for IPO	Institutional investors including large/late- stage VCs, Pes, hedge funds, and banks fund further expansion or increase valuatio before IPO

Source: Compiled by authors from various sources including startups.com and coporatefinanceinstitute.com

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Methods used elsewhere in the world have not been tried or are not applicable in India. For instance, in Japan and the US, equity crowdfunding has been a good option for startups. Pre-order crowdfunding allows customers to order products and startups advertise their products produced on the internet and raise funds for their operation. This is legal in India though not widely prevalent. Another way is to collect small amounts from individuals, as little as \$10-\$50 for a stake in the company called a "hometown investment trust" (HIT) fund to help riskier borrowers such as startups to get seed finance (Yoshino and Taghizadeh-Hesary 2014). However, this method, known as "equity crowdfunding," has been deemed illegal in India by the country's financial regulator, the Securities and Exchange Board of India (SEBI) (Kaira 2019).

Similarly, many Asian countries have money lenders that provide finance to MSMEs and startups. These lenders might essentially be loan sharks, who are not regulated and tend to charge high interest rates. While the MSME sector in India does count on loan sharks, early-stage startup funding is dominated by Seed/Angel investors, HNIs, some VC firms, and a growing list of FinTech and nonbanking financial companies (NBFCs).

Besides Seed, VC, and PE funding, accelerators have also helped the startup ecosystem grow. The big trend in the past 3-5 years has been various accelerator programs - a type of accelerator sponsored by a profitable company in a bid to discover and evaluate new technologies and solutions by providing grants, paid pilots, or joint go-to-market options, while they charge a flat fee or acquire an equity stake of 6%–8% in the startups

they help. Accelerator and incubation programs span the following formats:

- Corporate accelerator programs by multinational companies (MNCs) such as Google and Microsoft, etc. and Indian groups such as Reliance, etc.
- Public-private partnerships (PPPs) such as T-Hub, T-Labs, Startup Village, etc.
- Department of Science and Technology (DST)approved technology business incubators (TBIs), often in universities
- College/university-based incubators in the nation's premier institutions such as IIMs and IITs
- Industry-led incubator/accelerator programs such as NASSCOM 10,000 Startups
- Private accelerator programs, often led by VCs, such as Axilor Ventures, Sequoia Capital's Surge, and others
- Government-sponsored programs such as iStart Rajasthan and Kerala Startup Mission.

### Government Support through Startup India and other Initiatives

In 2012, India's market regulator SEBI had introduced new norms for angel investors to be registered as AIFs as a new class of pooled-in investment vehicle for real estate, private equity (PE), and hedge funds. To prevent abuse of the regulation through money laundering, restricted investment by such funds to INR 5-50 million and only in companies incorporated in India not more than 3 years old, and with no family connections. By 2019, INR 17 billion had been invested in 254 startups through SEBI's AIFs and SIDBI committed a further INR 31 billion, as of July 2019, to 47 AIFs registered with SEBI (FE Online 2019).

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Table 3: Indian Government Initiatives to Create a Conducive Ecosystem for Emerging Businesses and Startups

Timeline	Government Program	Aims and Target
2009	Invest India	Creation of an investment promotion and facilitation agency
2009	IndiaStack and UiD	Digital push for cashless, paperless, consent-based scalable architecture to support Aadhaar – Universal Identification project
2013	SEBI's Alternative Investment Fund Regulations	New norms for angel investors, who provide funding to companies in their initial stages
2014	Make in India	Flagship initiative of the Government of India (GoI) aimed at making the country a "global design and manufacturing" destination
2015	Digital India	Flagship program of the GoI aimed at expanding e- governance to promote inclusive growth and transform India into a "digitally empowered society and knowledge economy"
2015	Skill India initiative	A vocational training and certification program aimed at giving 400 million youth the opportunity for a better livelihood by 2022
2016	Startup India Initiative	Flagship initiative of the Gol to catalyze the startup culture an build an ecosystem for innovation and entrepreneurship
2016	Startup India Online Portal	367,171 registered startups, 26,374 recognized startups, 221 I tax exemptions, and 264 were funded by SIDBI FFS (as of 31 December 2019)
2016	Atal Incubation Centres (AICs) under Atal Innovation Mission (AIM)	31 AICs have been funded with INR 1.4 billion (approximatel) \$20.39 million) and INR 576.8 million (\$8.12 million) disburse
2016	SIDBI "Fund of Funds for Startups (FFS)"	INR 100 billion corpus (approximately \$1.4 billion) contribution to the Alternate Investment funds (AIFs) for investing in startups
2016	Bharat Interface for Money (BHIM) and United Payment Interface	Mobile payment app developed by the National Payments Corporation on the United Payments Interface to allow seamless and verified payments
2019	Technology Incubation and Development of Entrepreneurs (TIDE) 2.0	MeitY-sponsored program to promote socially relevant tech entrepreneurship through incubators engaged in supporting ICT startups using emerging technologies (IoT, AI, blockchair etc.)

Source: Compiled by authors from multiple sources including DPIIT Annual Report 2018-2019, Press Information Bureau (2020), and NITI Aayog (2016).

When the Startup India program was launched in January 2016, the GoI also announced a Fund of Funds for Startups (FFS) at the Small Industries Development Bank of India (SIDBI) with a corpus of INR 100 billion to be allocated to alternative investment funds (AIFs). In the 4 years since, this FFS has consistently fallen short of its targeted

allocations, both in terms of direct investments in startups (only INR 6.02 billion across 142 startups) and in its allocation to AIFs (INR 226.5 million versus a targeted INR 33 billon) (Sen 2019).

The government has also set up various other initiatives that tie into supporting startups and entrepreneurship (Table 3).

A look at the industry-academic-government linkages in patents, for example, shows that India is emerging as a patent hub, especially with newer government initiatives such as the Startup Hub at the Ministry of Electronics and Information Technology (MeitY), which helps strengthen 51 through fast-track incubation hubs clearances, with India known to have far fewer international patents filed vis-à-vis other countries like the Republic of Korea and Japan.

### The Role of Government in Furthering Startup Policy Post-2020

Empirically, we have seen in this study that the increased competitiveness of states accounts for increased investments in startups within those states. This suggests that when states invest more in R&D, making it easier to file patents, and develop tie-ups with universities and industry by expanding the incubator/accelerator ecosystem, startups benefit from better funding and access to technology and expertise.

The government will now need to focus on raising top-notch technical talent and global business skills through "reverse brain-drain" and making India a startup-friendly nation. India can learn from Israel and countries that invest heavily in R&D, and strengthen linkages between startups, corporates, academic institutions, and the government. India

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punches above its weight in terms of global innovation and much more can be done in developing human capital and investing in higher education and putting in place an intellectual property strategy in innovation. Startups in India will also require support for entrepreneurs and innovators who are often only interested and constrained in producing their own products and services and do not have the expertise and capacity scale with better accounting, marketing, and sales. Empirical results show that improving subnational financial depth seems positively and significantly associated with higher startup investments, so increasing credit from banks and NBFCs and getting more startups to qualify for government programs is important.

The government will also need to make provisions or provide relief for startups when implementing macroeconomic policies along the lines of demonetization and implementation of GST and specific regulations such as the "Angel Tax" and the benefits of the Insolvency and Bankruptcy Code. The government already creates awareness about its schemes through outreach programs, but it is critical to continue expanding innovation beyond Tier 1 cities.

The current technology and venture capital system tend to concentrate on quantity over quality, on "unicorns" that disrupt and scale on consumption. They also excessively target quick exits over sustainable growth, and prioritize shareholder profit over shared prosperity, requiring alternate models of financing such as cooperatives and socalled "zebra" startups - firms that address social problems but are for-profit. This will require more incubation support for first-time entrepreneurs to expand beyond overcrowded industry verticals,

such as e-commerce, FinTech, ed-tech, and mobility, into the "third sector," such as nonprofits and social enterprises in industries such as media, education, healthcare, governance, sanitation, and alternate/clean energy.

More open data regarding startups for big data analysis such as factor analysis and cluster analysis can help identify successful characteristics of startup enterprises versus potential failure of startups and other challenges. Japan, for example, has been collecting SME data for 20 years, which made the CRD (Credit Risk Database) analyze the characteristics of SMEs. A similar database could be constructed for India to promote financing for startups. While Chinese startups have enjoyed protection and have entry barriers to well-funded and foreign competition, Indian startups do not have that luxury and therefore have not produced homegrown global game changers (e.g., Amazon in the US and Alibaba in the PRC) without being acquired. But many of these ambitious startups do not have the vision or know-how for global expansion requiring policies to support their internationalization. Singapore set up International Enterprise, a government agency that was created to help these companies establish a global presence. Indian startups need to go beyond just emulating successful global ideas, to the domestic context, and to developing meta-level startups that address fundamental problems that can be scaled globally.

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### Overall syllabus completion and attendance of B. Pharm-II year, Sem-IV Students

The Overall 30% Syllabus of Theory and Practical subjects like Pharmaceutical Organic Chemistry-III, Medicinal Chemistry-I, Physical Pharmaceutics-II, Pharmacology-I and Pharmacognosy-I of B. Pham-II, Sem-IV, was completed by the faculty members with 90% attendance of students for the Theory classes and Practical.

#### Conducted First Sessional Examination of B. Pharm II Year Sem-IV

As per Time-Table given by Dr. Babasaheb Ambedkar Technological University, Lonere. The Fabtech College of Pharmacy, Sangola was conducted the First Sessional Theory and Practical examination from 02/05/2023 to 08/05/2023.

### Overall syllabus completion and attendance of B. Pharm-III year, Sem-VI Students

The Overall 30% Syllabus of Theory and Practical subjects like Medicinal Chemistry-III, Pharmacology-III, Herbal Drug Technology, Biopharmaceutics and Pharmacokinetics, Pharmaceutical Biotechnology and Quality Assurance of B. Pham-III, Sem-VI, was completed by the faculty members with 80% attendance of students for the Theory classes and Practical.

#### Conducted Sessional Examination of B. Pharm III Year Sem-VI

As per Time-Table given by Dr. Babasaheb Ambedkar Technological University, Lonere. The Fabtech College of Pharmacy, Sangola was conducted the First Sessional Theory and Practical examination from 02/05/2023 to 08/05/2023.

#### Overall syllabus completion attendance of B. Pharm-IV year, Sem-VIII Students

The Overall 100% Syllabus of Theory subjects like Biostatistics and Research Methodology, Social and Quality Preventive Pharmacy. Control and Standardization of Herbals, Cosmetic Science, of B. Pham-IV, Sem-VIII, was completed by the faculty members with 90% attendance of students for the Theory classes.

#### Conducted Second Sessional Examination of B. Pharm IV, Year Sem-VIII

As per Time-Table given by Dr. Babasaheb Ambedkar Technological University, Lonere. The Fabtech College of Pharmacy, Sangola was conducted the First Sessional Theory examination from 10/05/2023 to 13/05/2023.

### Conducted End Semester Examination of B. Pharm I Year Sem-I

As per Time-Table given by Dr. Babasaheb Ambedkar Technological University, Lonere. The Fabtech College of Pharmacy, Sangola was conducted the End Semester

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Theory and Practical examination from 03/05/2023 to 13/05/2023.

### Conducted Annual Examination of D. Pharm I Year

As per Time -Table provided by MSBTE, Mumbai, The Fabtech College of Pharmacy, Sangola was conducted the Annual Theory and Practical examination from 07/05/2023 to 06/06/2023.

### Conducted Annual Examination of D. Pharm II Year

As per Time -Table provided by MSBTE, Mumbai, The Fabtech College of Pharmacy, Sangola was conducted the Annual Theory and Practical examination from 07/05/2023 to 05/06/2023.

### Conducted Project Viva of B. Pharm IV, Year Sem-VIII

As per Time-Table given by Dr. Babasaheb Ambedkar Technological University, Lonere. The Fabtech College of Pharmacy, Sangola was conducted the Project Viva on 02/06/2023 and 03/06/2023.

### Conducted End semester Examination of B. Pharm IV, Year Sem-VIII

As per Time-Table given by Dr. Babasaheb Ambedkar Technological University, Lonere. The Fabtech College of Pharmacy, Sangola was conducted the End semester Theory examination from 08/06/2023 to 15/06/2023.

### A State Level "Review article Writing Competition" Organized on 02<sup>nd</sup> May

A State Level "Review Article Writing Competition" was organized on 2<sup>nd</sup> May 2023 in Fabtech College of Pharmacy, Sangola for students. The subject kept for competition was advanced Herbal Drug this Technology, under the Guidance of Hon. Shri. Bhausaheb Rupnar Chairman, Fabtech Education Society, Sangola, Hon. Dr. Shri. Ameet Rupnar, Managing Director, Fabtech Education Society, Sangola, Hon. Dinesh Rupnar, Executive Director, Fabtech Education Society, Sangola, Dr. Shri. Sanjay Adate, Campus Director, Fabtech Technical Campus, Sangola and Principal Prof. Dr. S. K. Bais.

The purpose of this competition was to motivate the students for publish various types of research and review paper in the international Journals to make strong biodata. Total 110 students from the various region of Maharashtra state were participated.

In this competition the first prize of Rs 3001 was won by Mr. Shekhar Nalawade, Anandi College of Pharmacy, Kale tarf Kalamb Dist. Kolapur. Second prize of Rs 2001 was won by Mr. Ajit Chaudhari, Fabtech College of Pharmacy, Sangola. Third prize of Rs 1001 was won by Miss. Siddhi Shrigiriwar, Nagpur College of Nagpur and two Consulated prizes of Rs501 and Rs 201 were won by Mr. Pratik Aru, Shraddha Institute of Pharmacy, Washim and Mr. Yash Sasankar, Babanrao Pachpute Vichardhara Trusts Faculty of Pharmacy, Kashti, Dist. Ahamadnagar reptly.

This competition was successfully conducted and coordinated by Prof. A. V. Pore, Prof. S.M. Kazi, Dr. Y.B. Raut, Prof. S.B. Nagansurkar and Prof. S.R. Mane under the guidance of Prof. Dr. S.K. Bais, Fabtech College of Pharmacy, Sangola.

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Hon. Bhausaheb A. Rupnar Hon. Dr. Ameet B. Rupnar Hon. Dinesh B. Rupnar Hon. Sanjay N. Adate Chairman

**Managing Director** 

**Executive Director** 

**Campus Director** 

#### BIMONTHLY COLLEGE NEWSLETTER

### A Guest lecture on "How to Crack GPAT" Organized on 25th May

A Guest lecture on "How To Crack GPAT" was organized as online mode on 25 May, 2023 in Fabtech College of Pharmacy, Sangola at 6.00 pm for students. Principal. Dr. S. K. Bais welcomed Mr. Vijaykumar Chakote and Dr. S. D. Sonawane introduced speaker.

Mr. Vijaykumar Chakote introduced syllabus consists total of 19 subjects which are further divided into various sub topics. From all the subjects, pharmacology carries the maximum weightage. Around 25% to 30% questions are framed from this section.



Mr. Vijaykumar Chakote explained candidates who will qualify for GPAT will get a monthly salary of Rs 14,000 for up to 24 months. There is no limit on appearing for GPAT 2023 exam. For GPAT exam proper planning strategy required to break the GPAT test.

This program was successfully conducted and coordinated by Dr. S. D. Sonawane, TPO Incharge under the guidance of Prof. Dr. S.K. Bais, Principal, Fabtech College of Pharmacy, Sangola. Total 126 students were present. Programme was ended by vote of thanks given by Dr. S. D. Sonawane.



Hon. Shri. Bhausaheb Rupnar Chairman, Fabtech Education Society, Sangola, Hon. Dr. Shri. Ameet Rupnar, Managing Director, Fabtech Education Society, Sangola, Hon. Dinesh Rupnar, Executive Director, Fabtech Education Society, Sangola and Dr. Shri. Sanjay Adate, Campus Director, Fabtech Technical Campus, Sangola congratulated Principal and his team for conduction of such motivational events for Students.

### The Principal Dr. Prof. S K. Bais of Fabtech College of Pharmacy, Sangola got Indian Patent

The Principal Dr. S K. Bais of Fabtech Education Society's Fabtech College of Pharmacy, Sangola got Indian patent on 'Thin Layer Chromatographic Chamber" informed by Principal Prof. Dr. S.K. Bais. This device having advanced and rapid technology

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Hon. Bhausaheb A. Rupnar Hon. Dr. Ameet B. Rupnar Hon. Dinesh B. Rupnar Hon. Sanjay N. Adate Chairman

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which was helpful for researches said Principal Prof. Dr. S.K. Bais.



This research activity was carried out by Principal Prof. Dr. S.K. Bais of Fabtech College of Pharmacy, Sangola and submitted under design act,2000 and rule 2001. The patent was granted by Indian Government.

Hon. Shri. Bhausaheb Rupnar Chairman, Fabtech Education Society, Sangola, Hon. Dr. Shri. Ameet Rupnar, Managing Director, Fabtech Education Society, Sangola, Hon. Dinesh Rupnar, Executive Director, Fabtech Education Society, Sangola and Dr. Shri. Sanjay Adate, Campus Director, Fabtech Technical Campus, Sangola congratulated Principal and his team for this success.

### B. Pharm Third Year students visited to J. B. Chemicals and Pharmaceutical Limited, Daman-Diu on 10th June

As per mail communication with Mr. Parmeshwar Bang, J. B. Chemicals and Pharmaceutical Limited, Daman-Diu on date 26th May 2023 Industrial visit of B.Pharm Third Year students with Two faculty members was conducted on 10th June 2023 to interact with Pharma industry to understand the current scenario of pharmaceutical markets, to know upgraded equipment systems and their Pharmacopoeia standards. The purpose of the industrial visit was to create the awareness in students about Current Good Manufacturing Practices followed in Pharma industry.

The Manager of J. B. Chemicals and Pharmaceutical provides Limited, Daman-Diu knowledge of the Facility and equipment status and products manufacturing like tablets, Lozenges etc. to the students. During this visit students observed the following areas with activities as per standard operating procedures (SOP's).

#### A) Tablets Manufacturing

- 1) Dispensing: RM dispensing, API dispensing, Packaging material dispensing
- 2) Granulation: Dry granulation, Wet Granulation, Sifting, Milling, Drying in FBD.
- 3) Blending: Blending and Lubrication
- 4) Compression: IPQA tests to be performed during compression.
- 5) Coating of tablet: Sugar coating, Film coating and Enteric coating.
- 6) Packaging of Tablets: Blister packing, Strip Packing, Bulk Packing etc.

#### B) Lozenges Manufacturing

- 1) Sugar, corn syrup and water mixed by Heating
- 2) Incorporation of drug into candy base
- 3) Polymer colour and favour are added
- 4) Cutting, Cooling the candy (Candy Forming 12" Plast-O Plast Machine with Batch Former)
- 5) Packing: Strip Packing.

Also in production unit-students studied tablet manufacturing equipments and Lozenges Manufacturing Equipments such as powder mixer, mass mixer, granulators, blender, various types of dryer, tablet coating machine and weighing

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# arma News

Hon. Bhausaheb A. Rupnar Hon. Dr. Ameet B. Rupnar Hon. Dinesh B. Rupnar Hon. Sanjay N. Adate Chairman

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machine, FBD, Sieves, Screen, vibratory sifter and different Vacuum Batch Cooker, Candy Wrapping Machine, Cutting machine, Mixing, packaging in strip. In process Quality Assurance apparatus such as Disintegration apparatus, Friability apparatus, Hardness tester etc. In Quality Control Department Dissolution apparatus, HPLC apparatus etc. were studied.



J. B. Chemicals and Pharmaceutical Limited Pharma managers introduced manufacturing process of Tablets, Lozenges to the students by which they had gained the pharmaceutical industry knowledge. After completion of visit students were introduced to the Managers of different departments by the HR department.

For the visit we got great support and co-operation by the employees of J. B. Chemicals and Pharmaceutical Limited, Daman-Diu and we appreciate the same. Students got the knowledge which was helpful and much important for their bright future. We are thankful to Vipin Pandye Sir HR Manager J. B. Chemicals and Pharmaceutical Limited, Daman-Diu. We are thankful of Plant head for giving the permission of industrial visit.

We are very Thankful giving permission and support, Dr. S. K. Bais sir Principal of Fabtech College of Pharmacy, Sangola for giving permission, Prof. N. S. Dhavare and Prof. S. A. Bandgar for their valuable guidance during the industrial visit.



Hon. Shri. Bhausaheb Rupnar Chairman, Fabtech Education Society, Sangola, Hon. Dr. Shri. Ameet Rupnar, Managing Director, Fabtech Education Society, Sangola, Hon. Dinesh Rupnar, Executive Director, Fabtech Education Society, Sangola and Dr. Shri. Sanjay Adate, Campus Director, Fabtech Technical Campus, Sangola congratulated Principal and his team for this educational industrial visit.

#### The Principal and Professors Fabtech College of Pharmacy, Sangola published Pharmacy Book

The Principal and Professors of Fabtech Education Society's Fabtech College of Pharmacy, Sangola

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Hon. Bhausaheb A. Rupnar Hon. Dr. Ameet B. Rupnar Hon. Dinesh B. Rupnar Hon. Sanjay N. Adate Chairman

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published Pharmacy book on Clinical Pharmacy Practice informed by Principal Prof. Dr. S.K. Bais.

This activity was carried out by Principal Prof. Dr. S.K. Bais, Dr. Yogesh Raut, Dr. J.P. Lavande and Prof. A. V. Pore the staff of Fabtech College of Pharmacy, Sangola.

Hon. Shri. Bhausaheb Rupnar Chairman, Fabtech Education Society, Sangola, Hon. Dr. Shri. Ameet Rupnar, Managing Director, Fabtech Education Society, Sangola, Hon. Dinesh Rupnar, Executive Director, Fabtech Education Society, Sangola and Dr. Shri. Sanjay Adate, Campus Director, Fabtech Technical Campus, Sangola congratulated Principal and his team for this tremendous activity.

### Selection of 48 students at Pool Campus Drive in Fabtech College of Pharmacy, Sangola

A "Campus Drive 2023" organized on 18 June 2023 in Fabtech College of Pharmacy, Sangola for Final year and second year Diploma students. Principal Dr.S.K.Bais welcomed Mr govind Wankhede ,Mr.Mahesh Patil Mr Vasim Attar ,Mr Mohsin Naik and Mr Rohidas Patil.



48 students have been successfully shortlisted in various companies for production, marketing, IT sector. Total 80 students are participated in campus drive from that Captab Biotech -12, Hetro Healthcare -08, 3GEN IT -02, FDC Goa - 08, Icon Pharma -05, Cipla-05, Lotus Lab Banglore -08 is selected

This Campus Drive 2023 was successfully conducted and coordinated by Dr S. D. Sonawane, TPO Incharge and Prof Kazi, Prof Lavande under the guidance of Prof. Dr. S.K. Bais, Principal, Fabtech College of Pharmacy, Sangola.



Hon. Shri. Bhausaheb Rupnar Chairman, Fabtech Education Society, Sangola, Hon. Dr. Shri. Ameet Rupnar, Managing Director, Fabtech Education Society, Sangola, Hon. Dinesh Rupnar, Executive Director, Fabtech Education Society, Sangola and Dr. Shri. Sanjay Adate, Campus Director, Fabtech Technical Campus, Sangola congratulated to the selected Students.

### three-day yoga and meditation camp concluded at Fabtech Technical campus, Sangola

A yoga and meditation camp were organized on the occasion of International Yoga Day at Fabtech Technical

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Hon. Bhausaheb A. Rupnar Hon. Dr. Ameet B. Rupnar Hon. Dinesh B. Rupnar Hon. Sanjay N. Adate Chairman

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Campus, Sangola. The said camp dated 20 June 2023 to It was completed on 22 June 2023 in a pleasant morning atmosphere.

The present students and teachers got the experience of how we can make our life pleasant and happy by practicing yoga and meditation in the current stressful life.



Campus Director of Technical Campus Dr. Shri. Sanjay Adate, Prof. Dr. S.K. Bais, Principal, Fabtech College of Pharmacy, Sangola, Prof. R.B. Shendge, Principal, Fabtech Engineering College and Research Centre, Sangola, Prof. Sharad Pawar, Principal, Fabtech Engineering College and Research Centre, (Poly) Sangola, all department heads, teachers, non-teaching staff and students of Engineering, Polytechnic and Pharmacy departments were present in large numbers.

Chairman of the Organisation Hon. Shri. Bhausaheb

Rupnar, Managing Director of the organization Dr. Shri.

Ameet Rupnar, Executive Director Shri. Dinesh Rupnar,

The students realized the importance of yoga and meditation for better health, peace of mind and concentration in studies on the occasion of the camp. The Demonstrations of yoga and meditation were conducted under the guidance of Mr. Milind Pataki.



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Hon. Bhausaheb A. Rupnar Hon. Dr. Ameet B. Rupnar Hon. Dinesh B. Rupnar Hon. Sanjay N. Adate Chairman

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Pratiksha Vibhute

Retail Pharmacist

**Managing Director** 

**Executive Director** 

**Campus Director** 

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## OUR PLACEMENTS



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# Fabtech Pharma Newsletter

Hon. Bhausaheb A. Rupnar Hon. Dr. Ameet B. Rupnar Hon. Dinesh B. Rupnar Hon. Sanjay N. Adate Chairman

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**Campus Director** 

BIMONTHLY COLLEGE NEWSLETTER

## PUBLISHED NEWS IN NEWS PAPER

## फॅबटेक कॉलेज ऑफ फार्मसीमध्ये राज्यस्तरीय रिव्ह्य आर्टिकल रायटिंग स्पर्धा संपन्न



सांगोला/प्रक्रिकियोः

सांगोला येथील फेटेक ऑक कार्यशीमध्ये राज्यस्तरीय निर्म्य आदिकल रावटिंग स्पर्धा दिनांक २ में रोजी आयोजित करण्यात आली. होती. या स्पर्धेसाठीचा क्लिय अडव्हान्स हर्नल क्रा टेक्नोलॉनी असा होता. विध्याध्यीनध्ये रिसर्च पेपर व रिप्सू पेपर प्रकामित करण्याची आवड निर्माण व्हावी या उदेशाने हि स्पर्धा आयोजित करण्यात आसी होती. या स्पर्धेसाठी राज्यकरातून ११० स्पर्धकांनी सहमार नौदिविला होता. या स्वयोंने आयोजन संस्रोधे अरमन मा. माऊसाहेद रायनर, मनेजिंग डाग्यरेक्टर डॉ. अमित संजय आदारे व फार्मसीचे प्राचार्य डॉ. संजय बैस यांच्या मार्गदर्शनाने यशस्त्री रिस्या पार पडला.

या स्पर्येत कु. शेखर नताबढे आनंदी कॉलेज ऑफ फार्मसी कळंड, कळे. जि. कोल्हापूर याने प्रथम क्रमांक, कु. अनित चीधरी केंद्रेक कॉलेज ऑक फार्मसी, सांगोला व्हितीय क्रमांक, तृतीय क्रमांक कुमानी सिध्दी श्रीविशेवार, नामपूर कॉलेज ऑफ फार्मसी, नागपूर यांनी पटकविला. दोन उत्तेजनार्थं क्रमांक कु. प्रतिक अरु बादा इंस्टीटयूट ऑफ फार्मसी, बाशिम व कु. सासनकर यश, मा. बी. बबनराव पाचपूरी विचारधारा टस्ट फॅकल्टी ऑफ फार्मसी काही

अहमदनगर यांनी पटकर विजेरयांना प्रथम क. ३० व्हितीय क्रमांक, २००१, 3009 उत्तेजनार्थं ५०९ व २०९ वक्षिस व प्रमाणनत्र प्रदान करण्यात आले. या विजेत्यांचे शोधनिबंध इंटरनेशनल जनरल ऑफ कॉमेसी ॲंड हर्बल टेक्नोलॉजी या जनरलमध्ये कासीत केले जानार आहेत. पर्यंचे सहसंयोजक म्हणून अमील वि. पोरे तर समन्यक्क म्हणून प्रा. सकैतन काझी डॉ. योगेश राउत, प्रा. शिरीष नामनसूकर व प्रा. शीनवास माने यांनी काम पाहिले. ही स्पर्धा यक्तस्वीरित्या पार पाडण्यासाठी सर्व शिक्षक, शिक्षेकेतर गांने प्रोजाने महकार्त जामने

# फॅबटेक फार्मसी कॉलेजच्या प्राचार्य व प्राध्यापकांच्या पुरुतकाचे प्रकाशन



सांगोला/प्रतिनिधी:

पंबरेक एज्युकेशन सोसायटी संचलित पंबटेक कॉलेज ऑफ फार्मसी मधील प्राचार्य व प्राध्यापकांनी

CLINICAL PHARMACY PRACTICE

अतिशय उत्कृष्ट कामगिरी करून एका पुस्तकाचे प्रकाशन केले आहे. अशी माहिती संस्थेचे प्राचार्य डॉ. एस. के. बैस यांनी दिली. यामध्ये प्राचार्य. डॉ.

संजय बैस तसेच डॉ. योगेश राऊत. डॉ. जीवन लवांडे आणि प्रा. अमोल पोरे यांनी क्लिनिकल फार्मसी प्रॅक्टिस या महत्वाच्या विषयावर पुस्तक लिहिले आहे.

फॅबटेक फार्मसी कॉलेजच्या प्राचार्य व प्राध्यापकांनी त्यांच्या या केलेल्या भरघोस कामगिरीबद्दल संस्थेचे अध्यक्ष मा. श्री. भाऊसाहेब रुपनर यांनी प्राचार्य व प्राध्यापकांचे अभिनंदन केले. तसेच मॅनेजिंग डायरेक्टर

डॉ. अमित रूपनर, कार्यकारी संचालक श्री दिनेश रुपनर कॅम्पस ह्ययरेक्टर श्री संजय अटाटे आणि टेक्निकल डायरेक्टर डॉ. बाडकर यांनी सर्व प्राध्यापकांचे अभिनंदन करून पुढील वाटचालीस शुभेच्छा दिल्या.

# फॅबटेक कॉलेज ऑफ फार्मसीमध्ये 'GPAT' यावरती मार्गदर्शन संपन्न

सांगोला/प्रतिनिधी :

सांगोला मधील फॅबटेक कॉलेज ऑफ फार्मसीमध्ये दि. १५ मे २०२३ रोजी''ऋझअढ' मार्गदर्शन आयोजित करण्यात आले या मार्गदर्शनासाठी विजयकुमार चाकोते डायरेक्टर ऑफ फार्मास्टार अकॅडमी हे प्रमुख मार्गदर्शक म्हणून उपस्थित होते.

त्यां चे स्वागत महाविद्यालायाचे प्राचार्य डॉ. संजय बैस यांनी केले. यावेळी विजयक्मार चाकोते यांनी "'GPAT' परिक्षेची पूर्व तयारी कश्यापकारे करावी आणि प्रत्येक विषयाला किती महत्व असायला पाहिजे ते सविस्तर पद्धतीने मार्गदर्शन केले. प्रत्येक विषयाचा अभ्यास करताना कोणत्या

प्रकारच्या ट्रिक्स वापरून तो विषय



कसा आत्मसात करावा याबद्दल त्यांनी माहिती दिली. G PAT परीक्षा पास झाल्यानंतर मिळणारे मानधन हे किती असते व त्याचा कालावधी किती असतो यावर

त्यांनी उपदेशन केले. रोज अभ्यास किती व कसा करायला पाहिजे या विषयावर हा कार्यक्रम चर्चा केली. संस्थेचे चेअरमन मा. श्री. भाऊसाहेब रुपनर संस्थेचे मॅनेजिंग डायरेक्टर डॉ. अमित रुपनर, कार्यकारी संचालक दिनेश रुपनर आणि कॅम्पस डायरेक्टर संजय आदाटे यांच्या मार्गदर्शनाखाली आयोजित करण्यात आला होता तसेच या कार्यक्रमाचे संचालन डॉ. सविता सोनवणे यांनी केले. सदर कार्यक्रमास बी. फार्म कॉलेज मधील प्रा. डॉ. जे. पी. लव्हांडे, प्रा. डॉ.

वाय बी राउत प्रा सर्फराज काझी. प्रा. श्रीनिवास माने प्रा. अमोलपोरे व इतर सर्व प्राध्यापक हजर होते.

# फॅबटेक फार्मसी कॉलेजच्या विद्यार्थ्यांची जे.बी.

# केमिकल्स फार्मा कंपनीस ओद्योगिक भेट



सांगोला (प्रतिनिधी):-मांगोला येथील फॅबरेक एज्यकेशन मोमायटी मंचलित फॅबटेक कॉलेज ऑफ फार्ममी या

महाविद्यालवातील बी. फार्म ततीव वर्षातील विद्यार्थ्यांची एक दिवसीय भोड़ोगिक भेर जे बी केमिकल्म एन्ड फार्मास्टीकल लिमिटेड, दमण येथे झाली.

या भेरीमध्ये पासार्थ हाँ संजय बैस बांच्या मार्गदर्शनात या भेटीचे आयोजन करण्यात आले होते. वा भेटीसाठी HR Manager

विपीन पांडे यांच्याकडन परवानगी मिळाल्यानंतर दि.१०/०६/२०२३ रोजी भेटीचे आयोजन करण्यात आले. या भेटीमध्ये इंडस्टी मधील प्रोडक्शन, क्वालिटी कन्टोल, कालिटी अंश्युरंस व पॅकिंग हे विभाग विद्याध्यांना टाखवत प्रत्येक विभागाची संपर्ण माहिती श्री सतीश राणे कंपनीचे पोडक्शन मॅनेंजर यांनी विद्यार्थ्यांना टिली.

इंडस्टी मध्ये प्रत्येक विभागात योग्य पदतीने काळजी

कशी घ्याची याबदल पण सरांनी संपर्ण माहिती दिली. पटवी अभ्यासक्रमामध्ये ओद्योगिक भेट हा शेक्षणिक अभ्यासक्रमाचा एक आवश्यक भाग आहे. वर्गातील शिक्षणाच्या पलीकडे जाण्याच्या हेतने. ओद्योगिक टीरे विद्यार्थ्यांना बाजारातील सध्याचे रेंड. उद्योगाची भविष्यातील परिस्थिती आणि उद्योगात लाग् होत असलेल्या नवीन

तंत्रज्ञानाबद्दल शिक्षण देवन

सर्वांगीण विद्यार्थ्यांच्या विकासात

प्रोटा हानभार लागेल या ओद्योगिक भेटीमध्ये विद्यार्थ्यांचे कत्हल आणि शंकांचे निरसन पाहायला मिळाले.

सदर ओद्योगिक भेटीमध्ये प्रा.निलेश ढावरे आणि प्रा. मोनाली बंडगर बांचे महकार्य आणि नियोजन लाभले तसेच ततीय वर्षातील x3 विद्यार्थांनी वा भेटीचा सर्वांगीण विकास होण्यासाठी फायटा घेतला आणि विद्यार्थ्यांच्या प्ढील वाटचालीस आणि भविष्यासाठी फॅबरेक एज्यकेशन सोसायटीचे अध्यक्ष मा भारताहेब रुपना संस्थेचे ग्रॅनेजिंग रायोकरा हाँ अधित रुपनर, कार्यकारी संचालक दिनेश रूपनर व कॅम्पस डायरेक्टर मंजय अटारे आणि रेक्निकल हायरेक्टर हाँ बाहकर यांनी मर्व विद्यार्थ्यांना भरभरून शुभेच्छा टिल्या

# Fabtech College of Pharmacy, Sangola

(Approved by AICTE& PCI New Delhi: DTE., (M.S.) Mumbai & Affiliated to Dr. Babasaheb Ambedkar Technological University Lonere Dist.: Raigad &MSBTEMumbai)

#### Ranteen harma Newsletter

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#### BIMONTHLY COLLEGE NEWSLETTER

# संकेत टाइम्स

## फॅबटेक कॉलेज ऑफ फार्मसीचे प्राचार्य प्रा. डॉ. एस. के. बेस यांना भारतीय पेटंट प्रधान

सांगोला , संकेत टाइम्स

सांगोला येथील फॉबटेक फॅबटेक ऑफ कॉलेज येथील फार्मसी प्राचार्य प्रा. डॉ. एस. के. बैस यांना भारतीय पेटंट ऑफिस येथून डी साईन पेटंट २३ मे

रोजी प्रधान करण्यात आले. एजुकेशन चे अरमन पंचारे क सोसायटीचे भाऊसाहेब रुपनर, संस्थेचे भाऊसाहब रूपनर, सस्थव मंनेजिंग डायरेक्टर डॉ. अमित रुपनर, कार्यकारी संचालक दिनेश रुपनर आणि कॅम्पस डायरेक्टर संजय अदारे टेक्निकल डायरेक्टर डॉ. टेक्निकल डायरेक्टर SĬ.

बाडकर यांनी त्यांचे अभिनंदन

डॉ. एस. के. वैस

केले. सदर पेटंटचा विषय ——— ''थीन लेअर क्रोम्याटोग्राफिक चेंबर'' हा होता सदर T. L. C चेंबर मध्ये आधृनिक बदल केल्यामुळे मशीनची कार्यक्षमता वाहते व त्यामळे

बाहत व त्यामुळ संशोधन करण्यास वाव मिळतो असे डॉ.संजय बैस प्राचार्य फॅबटेक कॉलेज ऑफ फार्मसी, सांगोला यांनी सांगितले.

संशोधन सदर करण्याकरिता फॅबटेक कॉलेज फार्मसी, प्रयोगशाळा व इतर साहित्य **टिल्याब**हल त्यांनी व्यवस्थापनाचे आभार मानले.

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# फॅबटेकचे प्राचार्य प्रा.डॉ.एस.के.बैस यांना डी साईन पेटंट

सांगोला/प्रतिनिधी:

सांगोला येथील फॅबटेक कॉलेज ऑफ फार्मसी येथील प्राचार्य प्रा. डॉ. एस. के. बैस यांना भारतीय पेटंट ऑफिस येथन डी साईन पेटंट २३/०५/२०२३ रोजी प्रदान करण्यात आल्यामुळे फॅबटेक एजुकेशन सोसायटीचे चेअरमन मा. भाऊसाहेब रुपनर, संस्थेचे मॅनेजिंग डायरेक्टर डॉ. अमित रूपनर, कार्यकारी संचालक दिनेश रुपनर आणि कॅम्पस डायरेक्टर संजय अदाटे टेक्निकल डायरेक्टर



डॉ.बाडकर यांनी त्यांचे अभिनंदन केले. सदर पेटंटचा विषय ''थीन

लेअर क्रोम्याटोग्राफिक चेंबर" हा होता सदर टी.एल.सी. चेंबर मध्ये आधुनिक बदल केल्यामुळे सदर मशीनची कार्यक्षमता वाढते व त्यामुळे संशोधन करण्यास वाव मिळतो असे डॉ संजय बैस प्राचार्य फॅबटेक कॉलेज ऑफ फार्मसी, सांगोला यांनी सांगितले. सदर संशोधन करण्याकरिता फ्रॅबटेक कॉलेज ऑफ फार्मसी, मधील प्रयोगशाळा व इतर

साहित्य दिल्याबद्दल त्यांनी

व्यवस्थापनाचे आभार मानले.

# फॅबटेक फार्मसी कॉलेजच्या प्राचार्य व प्राध्यापकांच्या पुस्तकाचे प्रकाशन

सांगोला (प्रतिनिधी)-फॅ बटे क एज्य के शन सोसायटी संचलित फॅबटेक கா்ள் எ அர்க प्राचार्य प्राध्यापकांनी अतिशय उत्कृष्ट कामगिरी करून एका





पुस्तकाचे प्रकाशन केले आहे. अशी माहिती संस्थेचे प्राचार्य डॉ. एस. के. बैस यांनी दिली. यामध्ये प्राचार्य. डॉ. संजय बैस तसेच डॉ.योगेश राऊत, डॉ. जीवन लवांडे आणि प्रा. अमोल पोरे यांनी क्लिनिकल फार्मसी प्रॅक्टिस या महत्वाच्या विषयावर पुस्तक लिहिले आहे.

फॅबटेक फार्मसी कॉलेजच्या प्राचार्य व प्राध्यापकांनी त्यांच्या या केलेल्या भरघोस कामगिरीबद्दल संस्थेचे अध्यक्ष मा. श्री. भाऊसाहेब रुपनर यांनी प्राचार्य व प्राध्यापकांचे अभिनंदन केले. तसेच मॅनेजिंग डायरेक्टर डॉ. अमित रुपनर, कार्यकारी संचालक श्री. दिनेश रुपनर, कॅम्पस डायरेक्टर श्री. संजय अदाटे आणि टेक्निकल डायरेक्टर डॉ. बाडकर यांनी सर्व प्राध्यापकांचे अभिनंदन करून पढील वाटचालीस शुभेच्छा दिल्या