

Hindustan Times

Top IT Training Institutes in India

Brand Stories
Published on Apr 19, 2023 at 10:57



Here are the top five IT training institutes in India: India has become one of the major players in the global IT industry. With its vast pool of skilled professionals, India has been consistently delivering cutting-edge technology solutions to the world. In order to maintain its competitive edge, it is important to have a strong IT training infrastructure. This is where Top IT training institutes come in, providing the necessary skills and knowledge to the next generation of IT professionals.

The Indian IT industry is known for its innovation and excellence, with companies such as TCS, Infosys, and Wipro making a mark on the global stage. According to NASSCOM, the Indian IT industry is expected to grow to \$350 billion by 2025. With such a promising future, it is important for aspiring IT professionals to choose the right training institute to stay ahead of the curve.

Choosing the best IT training institutes is critical for anyone who wants to start a career in the IT industry. With a growing demand for skilled IT professionals, it is important to gain the right skills and knowledge to excel in the field. IT training institutes provide a structured learning environment where students can learn from experienced trainers and gain practical hands-on experience in the latest technologies.

ANI NIIT launches Pivotal Initiative: Announces strategic partnership for Green Energy Skills with EIT InnoEnergy Skills Institute

ANI | Updated: May 03, 2023, 10:00 AM

Atlanta (Georgia) USA, Gurgaon (Haryana) India, May 3 (ANI/BusinessWire India): NIIT Limited (NIIT), a global talent development corporation and leading provider of managed training services, announced today it has been selected as a strategic partner of the EIT InnoEnergy Skills Institute.

EIT InnoEnergy is the European Institute of Energy company operations and an engine in sustainable global decarbonisation. Greater numbers know-how and new models, regulations and

The launch of this successful business hydrogen and solar training will allow and programs that meet the global workforce with energy economy.

NIIT has been chosen as a services including customer base, and unparalleled scale along with its strategic main goal of the partnership talent development leader human capital essential for leader and partner of choice

NEWS 18 NIIT Launches 6-Weeks Courses in Java, Data Science For Class 12 Pass Students

Curied By: Sushmita Sanyal | Last Updated: May 01, 2023, 16:00 IST | New Delhi, India

A new set of programmes revolving around Java and Data Science have been introduced by NIIT for students who have completed high school. Students can enrol in six-week online courses in the Data Science Foundation Programme and the Java Foundation Programme through NIIT's Career Catalyst Programmes. Both programmes have been meticulously curated by industry professionals.

The courses are designed to give students a head start on exploring potential careers and skill development in their chosen domains.

These educational programmes are meant to prepare students for the opportunities and challenges that they may encounter either in their higher education or future career obligations in the industry by providing practical application of skills in real-world business scenarios.

Students will gain core skills in data analysis, data visualisation, programming, and Relational Database Management Systems (RDBMS) through the Data Science Foundation Programme.

The programme will familiarise students with utilising the built-in Java collection framework to store and retrieve data. Additionally, students will acquire knowledge on how to use Structured Query Language (SQL)

businessline

NIIT completes demerger of company

businessline | Updated: May 24, 2023 at 11:15 AM IST



NIIT growth in broader and robust business. Pawar had explained the rationale thus to businessline. "We felt that there were two trajectories and two kinds of things going on with the brand NIIT. We had business - skills and careers and corporate learning business - were different, the business strategies profiles different," he had said.

He said, speaking to businessline exclusively post the Board meeting on Wednesday, Pawar said, an added challenge was the massive shakeups they foresee in the edtech sector, and the new opportunities it will bring. This was because there was the big boom of edtech, the hypothetical notions created by the pandemic disruptions, and now it is the governance issues that some players are facing and the great disturbance in the edtech market too when catalytic events like Y2K and the 2013 slowdown had happened. NIIT, respectively, Pawar said, is currently too the three co-founders - he himself, Vijay Thadani, and P Rajendran - a strategic partnership.

As the goal setting, he had a chance to seize the opportunity. And as a pioneer and leader in the sector, we feel we may, he said.

Pawar now retained the Executive Chairperson of NIIT (from a non-executive chairman role) and the other two four, Pawar said, expected them to oversee the company during this phase of transformation.

Guided about NIIT's new governance structure, Pawar pointed to emerging areas like new manufacturing, a and design. The area pointed to strategic growth summit and bootstrap the company had organised along with NIIT Union

NIIT's revenue was expected to see the momentum. The revenue was expected to see the momentum. The revenue was expected to see the momentum.

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Unlock # With NIIT

NIIT Launches Career Catalyst Programs to equip youth for success in competitive job market

New Delhi, India, May 19 (ANI/BusinessWire India): NIIT Ltd, a leading global talent development corporation, has today launched a new set of programs for students who have just completed their school education. The programs are aimed at providing the learners with an early head start in career exploration and skill development in their desired areas.

The programs are called Career Catalyst Programs and consists of the Java Foundation Program and Data Science Foundation Program, both carefully curated by industry experts. These six-week online courses are designed to support high school graduates with cutting-edge skills essential for launching their careers in tomorrow's job markets. Eligibility for the programs is limited to those who have successfully completed 12th grade studies.

Speaking on the launch of the new programs, Abhishek Arora, EVP and Business Head, NIIT Digital, said "On the launch of the Career Catalyst Programs, we at NIIT, are proud to provide 12th graduated students with an early start in their career journey. We believe that early exposure and skill development are key to make informed choices in today's competitive job market. With these programs, students can utilize their time effectively and honing their skills, which will give them an edge in the competitive job market. We aim to empower young minds of the country through transformative learning experiences, equip them with the knowledge and expertise to make informed choices and embark on successful path on their career journey."

The programs are designed to provide practical application of skills on real business scenarios. The learners for the opportunities and challenges they will face later in their further education and industry. As post 12th, students are relatively busy, these programs can be a great and prepare early for their dream career. In a world where the competition is

4. Jelfing
Jelfing is a popular IT training institute in India, known for its practical-oriented training, with a focus on Java and Data Science. It has trained over 7,00,000 students across 20 countries and has trained over 7,00,000 students.

5. IHT
IHT is a leading IT training institute in India, known for its practical-oriented training, with a focus on Java and Data Science. It has trained over 7,00,000 students across 20 countries and has trained over 7,00,000 students.

For more information, visit www.niit.com

Entrepreneur 6 Ways to Build Resilient Digital Architectures Across Companies

Leading digital architects share their thoughts on how to build a resilient business in a digital world.

Building a resilient business is not a choice but a necessity in today's digital world. To match up to the perennial ups and downs that businesses face, some internal, some external, it has also become pertinent to build resilient digital architecture. The lessons across companies are today striving to match up to the evolving consumer demands. While this is tough, it is also an opportunity to innovate and resilience.

Customer feedback has become very important in today's digital world. Customers are also aware of technologies and they can bring to their table. This has pushed tech companies to innovate well and innovate fast," said Hari Bhaskar, Managing Engineering Leader, Google. He was talking about the importance of digital architecture in building a resilient business.

There are several ways to build a sustainable and resilient digital architecture in a company. For the uninitiated, here are some key strategies to build a resilient digital architecture. A framework based on which you can build a resilient digital architecture.

1. Invest in leading digital architects. Digital architects can help you build a resilient digital architecture. They can help you understand the latest trends in digital architecture and provide you with the necessary expertise to build a resilient digital architecture.

2. Focus on security. Security is a top priority for any digital architecture. It is important to ensure that your digital architecture is secure and resilient to cyber threats. This can be achieved by investing in leading digital architects who can help you build a secure and resilient digital architecture.

3. Embrace cloud computing. Cloud computing is a key component of any digital architecture. It provides you with the flexibility and scalability to build a resilient digital architecture. This can be achieved by investing in leading digital architects who can help you build a resilient digital architecture.

4. Invest in talent. Talent is a key component of any digital architecture. It is important to ensure that you have the right talent to build a resilient digital architecture. This can be achieved by investing in leading digital architects who can help you build a resilient digital architecture.

5. Focus on innovation. Innovation is a key component of any digital architecture. It is important to ensure that your digital architecture is innovative and resilient to change. This can be achieved by investing in leading digital architects who can help you build a resilient digital architecture.

6. Invest in leading digital architects. Digital architects can help you build a resilient digital architecture. They can help you understand the latest trends in digital architecture and provide you with the necessary expertise to build a resilient digital architecture.

THE HINDU businessline

NIIT completes demerger of company

Updated - May 25, 2023 at 05:12 PM. | New Delhi, May 25

NIIT transfers its corporate learning business to new company NIIT Learning Systems Limited; shareholders of NIIT to get one share of NLSL for each share of NIIT.

BY CHITRA NARAYANAN



NIIT group's co-founder and chairman Rajendra Pawar

Training giant NIIT Ltd's reorganisation plan announced a year ago has taken concrete shape, with its Board approving a split of the company into two. The demerger of its corporate learning business was completed as of May 24, with the business transferred to NIIT Learning Systems. Henceforth, NIIT Limited will focus on the Skills & Careers business, while NLSL would operate the Corporate Learning Business.

Post the demerger, each shareholder of NIIT Limited would be allotted one share of NLSL for each share of NIIT Limited held by them on the Record Date, which has been fixed as June 8, 2023. Subsequently NLSL would also get listed on BSE/NSE post requisite regulatory approvals.

A year ago when the reorganisation plan was formulated, the group's co-founder and chairman Rajendra Pawar had explained the rationale thus to businessline.

"We felt that there were two trajectories and two kinds of things going on with the brand NIIT. We felt the geographies of the two businesses – skills and careers and corporate learning business – were different, the business strategies different and the customer profiles different," he had said.

However, speaking to businessline exclusively post the Board meeting on Wednesday, Pawar said, an added impetus for the demerger now is the massive shakeups they foresee in the edtech sector, and the new opportunities it will bring.

"As you know, first there was the big boom of edtech, the hypothetical notions created by the pandemic, followed by massive corrections now. To add to it are the governance issues that some players are facing and the great disturbance in the market."

Describing how in the past too when cataclysmic events like Y2k and the 2013 slowdown had happened, NIIT had seized the opportunity, Pawar said that currently too the three co-founders – he himself, Vijay Thadani, and P Rajendran – are rolling up their sleeves anticipating exciting action.

"As the dust settles, we have a chance to seize the opportunity. And as a pioneer and leader in the sector, we feel we have a duty to play," he said.

Pawar now becomes the Executive Chairperson of NIIT (from a non-executive chairman role) and the other two founders too have taken up executive roles to steer the company during this phase of transformation.

Quizzed about likely new opportunities in skilling for NIIT Ltd, Pawar pointed to emerging areas like new manufacturing, supply chain, and design. He also pointed to an edtech growth summit and bootcamp the company had organised along with NIIT University that has thrown up exciting ideas.

NIIT Results are expected later this month.

NIIT's Q3 revenues were ₹454.6 crore, up 18 per cent year on year and 16 per cent compared to previous quarter. It had reported revenues of ₹1,377.5 crore in FY22, a 44 per cent growth over FY21 and a PAT of ₹226.2 crore. The shares were trading at ₹387.90 on Thursday. According to industry estimates, the Indian edtech market is worth \$340 billion.

The Board of NIIT Limited has been strengthened by the addition of Srikanth Velamakanni, Founder and CEO of Fractal AI, India's first unicorn in AI. Other board appointments in recent past have been Avani Davda, Founding CEO-Tata Starbucks, Strategic Advisor at Bain & Company and Ravindra Babu Garikipati, Ex-Chief Technology Officer at Flipkart.



NIIT Ltd and NIIT Learning Systems Ltd (NLSL) Post Demerger Announce Annual Financial Results FY23

ANI | Updated: **May 29, 2023 19:33 IST**

BusinessWire India

New Delhi [India], May 29: NIIT Ltd and NIIT Learning Systems Ltd (NLSL) announced annual results for FY23 today. This follows the strategic demerger announcement by NIIT, which has led to the establishment of two distinct entities--NIIT Ltd and NLSL.

The Board of NIIT Limited had recently announced that its Corporate Learning Business undertaking has been transferred to NIIT Learning Systems Limited (NLSL) upon the Composite Scheme of Arrangement becoming effective as on May 24, 2023. Going forward, NIIT Limited will continue to focus on and operate the Skills & Careers business, whereas NLSL would operate the Corporate Learning Business.

Speaking on the company's performance, Rajendra S Pawar, Chairman and Co-Founder, NIIT Group said, "NIIT Group post the demerger, emerges as a stronger and more dynamic organization, unlocking growth and value for our customers, shareholders, and stakeholders. As talent builders for the nation, NIIT is poised to realize its true potential through the creation of two independently run businesses with significant growth capital."

NIIT Ltd Annual Financial results

NIIT Limited (NSE: NIITLTD), a leading skills & talent development corporation, today reported its financial results for the Financial Year ended March 31, 2023. During the year the company recorded consolidated Net Revenue of Rs 341.3 Cr, up 36% YoY. EBITDA was Rs 1 Cr, EBITDA Margin stood at 0.3%. Profit After Tax of Rs 3.2 Cr reflects EPS of Rs 0.2. During the quarter, the company recorded consolidated Net Revenue of Rs 60 Cr.

The results were taken on record at the meeting of the Board of Directors held on May 29, 2023.

During the year revenue from the early career segment of NIIT Ltd. grew 15% YoY and contributed 54% to total revenue. The working professional segment grew 73% YoY contributing the balance 46%. StackRoute and Tpaas grew 17% YoY.

NIIT acquired additional 20% equity shareholding in RPS Consulting during the year. This takes the total shareholding to 90%. (It may be noted NIIT had acquired 70% equity shareholding of RPS on October 1, 2021).

The 6th edition of NIIT India Confluence, a 3-day exclusive, by-invitation only conference held in Goa saw representation from around 46 companies and 55 industry participants. Industry mavens, including CEOs, CHROs, and Business Leaders came together to deliberate on the conference's theme- 'Thrive: Accelerating growth in a 'broken' talent environment'.

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Commenting on the results, Vijay K Thadani, Vice Chairman & Managing Director, NIIT Limited, said, "Our robust growth of 36% YoY in FY 22-23 underscores our unwavering dedication to growth and innovation in the skills and talent development sector. The strategic demerger of NIIT Limited into NIIT Ltd and NIIT Learning Systems Ltd (NLSL) marks a pivotal milestone, propelling our future growth trajectory."

NIIT Learning Systems Limited (NLSL) Annual Financial results

NIIT Learning Systems Limited (NLSL), a leading provider of managed training services, today reported its financial results for the Financial Year ended March 31, 2023. During the year the company recorded consolidated Net Revenue of Rs 1361.8 Cr, up 20% YoY. EBITDA was Rs. 315.4 Cr, up 6% YoY. EBITDA Margin stood at 23.2%. Profit After Tax was Rs 192.2 Cr and the EPS stood at Rs. 14.3.

During the quarter, the company recorded consolidated Net Revenue of Rs 385.7 Cr, up 30% YoY and PAT of Rs 53.9 Cr, up 17% QoQ. EBITDA was recorded at Rs 94.8 Cr, up 30% YoY. EBITDA Margin stood at 24.6%, up 70 bps QoQ.

The results were taken on record at the meeting of the Board of Directors held on May 29, 2023.

NLSL added 12 global Managed Training Services (MTS) contracts during the year, did 2 contract expansions and 13 contract extensions. The company ended the year with 80 MTS customers and revenue visibility of USD 363 Mn.

During the year the company acquired 100% membership interest in St. Charles Consulting Group LLC (StC) during. Headquartered in St. Charles, Illinois, StC is a leading provider of consulting, design, and implementation solutions for strategic learning programs to professional services firms and Fortune 500 companies.

NLSL entered into a strategic partnership with EIT InnoEnergy Skills Institute. EIT InnoEnergy is the innovation engine for sustainable energy supported by the European Institute of Innovation & Technology, a body of the European Union (EU).

NLSL Confluence 2022 was held in Miami, Florida in September 2022 and hosted learning leaders from the world's leading Fortune 500 and Fortune Global 500 companies. The inaugural Customer Advisory Board meeting from leaders in 11 companies was also held prior to the conference.

Commenting on the results, Sapnesh Lalla, CEO and Executive Director, NLSL., said, "Continued acceleration in new customer acquisition and wallet share expansion is a testament of the value we bring to our customers. The recently announced demerger will help us sharpen focus and increase investments in innovation and value creation."

Awards and Acknowledgements- NLSL

- NLSL earned 45 Brandon Hall Excellence in HCM Awards and 21 Brandon Hall Excellence in Technology Awards in 2022.

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- NLSL Featured among the Top 20 Companies by Training Industry in Learning Services, Custom Content Development, IT and Technical Training, Advanced Learning Technologies, and Experiential Learning Companies in 2022.

- NLSL Ranked Number 1 in Innovation and Deal Size in the HRO Today Baker's Dozen for Learning and Development, 2022.

Awards and Acknowledgements - NIIT Ltd.

- NIIT Ltd. was awarded the 'Transformational platform for professional learning in new-age technologies' at the Digital Leadership Conclave 2022 by Dataquest.

- NIIT Ltd has also been recognized as the "Institutions with excellent Training and Placements" award at the BW Education- Top Education Brand Awards 2022.

- NIIT Limited has been recognized as the Best E-Learning Platform by the Associated Chambers of Commerce & Industry of India (ASSOCHAM) for its contribution to the technology training sector.

- The Federation of Indian Chambers of Commerce & Industry (FICCI), felicitated Rajendra Singh Pawar, Chairman & Founder, NIIT with 'Lifetime Achievement Award 2022' at the 8th FICCI Higher Education Excellence Awards ceremony held in the capital on November 17, 2022.

- RPS Consulting upgraded to Premium Partnership in FY23 by ISACA based on their FY22 performance.

- RPS Consulting was awarded the "India Partner of the Year" by VMware based on their FY22 Performance.

(Disclaimer: The above press release has been provided by BusinessWire India.)

<https://www.aninews.in/news/business/business/niit-ltd-and-niit-learning-systems-ltd-nlsl-post-demerger-announce-annual-financial-results-fy2320230529193358/>

ET LegalWorld.com

NIIT completes demerger of corporate learning business into NIIT Learning Systems

In line with the reorganisation plan outlined by it, the Board of NIIT Ltd has announced that the Corporate Learning Business undertaking has been transferred to NIIT Learning Systems Ltd (NLSL) with composite scheme of arrangement becoming effective as on May 24, 2023. NIIT Ltd will continue to focus on and operate the Skills and Careers business, while NLSL would operate the Corporate Learning Business, according to a statement.

PTI

Updated On May 25, 2023 at 02:24 PM IST

In line with the reorganisation plan outlined by it, the Board of NIIT Ltd has announced that the Corporate Learning Business undertaking has been transferred to NIIT Learning Systems Ltd (NLSL) with composite scheme of arrangement becoming effective as on May 24, 2023. NIIT Ltd will continue to focus on and operate the Skills and Careers business, while NLSL would operate the Corporate Learning Business, according to a statement.

NIIT Ltd has completed demerger of Corporate Learning Business into NIIT Learning Systems Ltd, the statement said, adding that the demerger recognises the distinct market dynamics, customer segments, product offerings, and growth trajectories of each business.

"Consequent to the demerger, each shareholder of NIIT Limited would be allotted one share of NLSL for each share of NIIT Limited held by them on the Record Date, which has been fixed as June 8, 2023," it said.

Subsequently NLSL would also get listed on the bourses - BSE/NSE after requisite regulatory approvals.

"We are excited about the profound impact we aim to make in the realm of global talent development," Rajendra Singh Pawar, Chairman and Co-Founder of NIIT Group said.

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NIIT Ltd underlined its commitment to talent transformation to equip the workforce to cope with the rapidly changing environment, and said it will enlarge its ambit to include a wider range of industry sectors undergoing rapid transformation.

"The company will build further on its scalable industry-grade NIIT Digital platform, developed and refined over the last two decades, and step-up innovation in immersive and hybrid models of learning, using multidisciplinary technologies," it said.

With Rajendra S Pawar becoming Executive Chairperson of NIIT, all the three Founders have taken up executive roles in NIIT Limited to steer the company during this phase of transformation.

"The landscape for the Skills and Careers business is undergoing massive disruption, with radical shifts in business models coupled with near-term uncertainty in the environment.

"The Founders along with the strong and tenured management team bring significant experience and expertise in the business, having steered the company through similar situations over four decades," the statement said.

NIIT Learning Systems Limited (NLSL) offers Managed Training Services to Fortune 1000 corporations across North America and Europe. The business has over 80 global customers that it services in over 30 countries.

The Board of NLSL has appointed Sapnesh Lalla as CEO and Executive Director. He will focus on accelerating growth for the company and creating more value for its customers.

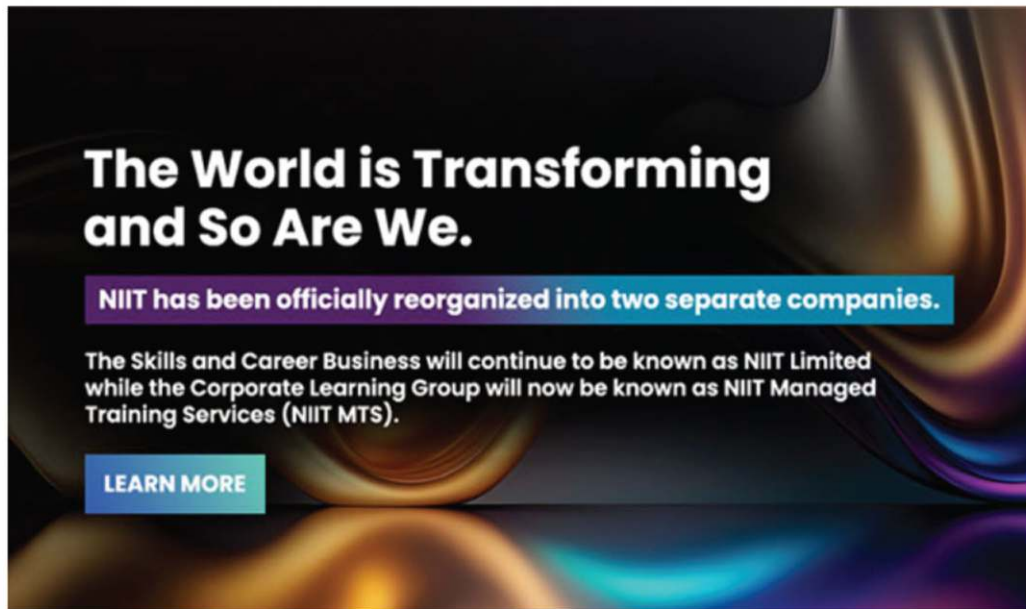
The Learning Outsourcing market is underpenetrated and offers significant headroom for growth, the statement said and added that given NLSL's track record and its strong balance sheet there is a unique opportunity to become a global leader.

NIIT Limited's Rajendra Singh Pawar On FY24 Outlook
& NLSL Demerger | Midcap Radar | CNBC TV18

The image shows a CNBC TV18 broadcast featuring an interview with Rajendra Singh Pawar, Chairman of NIIT. The broadcast includes several on-screen graphics:

- Top Banner:** NIIT | FY23 REVENUE | UP 36%
- Host:** Motilal Oswal
- Guest:** Rajendra Singh Pawar
- Company Logo:** LUPIN
- Stock Ticker:** Buzzing Stock Nucleus Soft 971.15 20.00%▲
- Channel Logo:** CNBC TV18

<https://www.youtube.com/watch?v=dgkz5atqIGY>



NIIT Ltd completes demerger of Corporate Learning Business into NIIT Learning Systems Ltd

NIIT Ltd completes Demerger of Corporate Learning Business into NIIT Learning Systems Ltd

ANI | Updated: **May 25, 2023 13:25 IST**

BusinessWire India

New Delhi [India], May 25: Following the reorganisation plan announced during Q3 FY22 results in Jan 2022, the Board of NIIT Limited today announced that Corporate Learning Business undertaking has been transferred to NIIT Learning Systems Limited (NLSL) upon the Composite Scheme of Arrangement becoming effective as on May 24, 2023. Going forward, NIIT Limited will continue to focus on and operate the Skills & Careers business, whereas NLSL would operate the Corporate Learning Business.

Consequent to the demerger, each shareholder of NIIT Limited would be allotted one share of NLSL for each share of NIIT Limited held by them on the Record Date, which has been fixed as June 8, 2023. Subsequently NLSL would also get listed on BSE/NSE post requisite regulatory approvals.

This demerger recognizes the distinct market dynamics, customer segments, product offerings, and growth trajectories of each business. It provides sharper focus, simplified decision-making, focussed allocation of growth capital and enhanced agility, creating significant value for stakeholders in each of these businesses.

Speaking on the demerger Rajendra Singh Pawar, Chairman & Co-Founder, NIIT Group said, "We are excited about the profound impact we aim to make in the realm of global talent development."

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NIIT Limited: Skills & Careers Business

As NIIT Ltd, with a solid 41 years of track record, reaffirms its commitment to talent transformation to equip the workforce to cope with the rapidly changing environment, it will enlarge its ambit to include a wider range of Industry sectors undergoing rapid transformation. The company will build further on its scalable industry-grade NIIT Digital platform, developed and refined over the last two decades, and step-up innovation in immersive and hybrid models of learning, using multidisciplinary technologies.

With Rajendra S Pawar becoming Executive Chairperson of NIIT, all the three Founders have taken up executive roles in NIIT Limited to steer the company during this phase of transformation. The landscape for the Skills & Careers business is undergoing massive disruption, with radical shifts in business models coupled with near-term uncertainty in the environment. The Founders along with the strong and tenured management team bring significant experience and expertise in the business, having steered the company through similar situations over four decades.

NIIT Limited Board has been strengthened over the last two years with appointment of Avani Davda, Founding CEO-Tata Starbucks, Strategic Advisor at Bain & Company and of Ravindra Babu Garikipati, Ex-Chief Technology Officer at Flipkart, Independent Director at Axis Asset Management. Recently, Srikanth Velamakanni, Founder and CEO of Fractal AI, India's first unicorn in AI and a prominent provider of Artificial Intelligence Solutions to Fortune 500 companies, has also joined the board as an Independent Director.

"This strategic milestone of creating two focussed companies marks a pivotal moment in our growth journey," said Vijay K Thadani, Vice Chairman & MD and Co-Founder, NIIT Group.

NIIT Learning Systems Limited: Corporate Learning Business

NIIT Learning Systems Limited (NLSL) offers Managed Training Services to Fortune 1000 corporations across North America and Europe. The business has over 80 global customers that it services in over 30 countries. With a team of over 2400 world class learning professionals, it has won over 400 industry awards and is ranked among the Top 5 Learning Outsourcing Companies worldwide.

The Board of NLSL appointed Sapnesh Lalla as CEO and Executive Director. He will focus on accelerating growth for the company and creating more value for its customers. The Learning Outsourcing market is underpenetrated and offers significant headroom for growth. Given NLSL's track record and its strong balance sheet there is a unique opportunity to become a global leader.

Speaking on the announcement, Sapnesh Lalla, CEO and Executive Director, NLSL, said "The demerger empowers the newly created NIIT Learning Systems Ltd. to sharply focus its management team and capital on the significant opportunities emerging in the Learning Outsourcing space and achieve global market leadership."

<https://www.aninews.in/news/business/business/niit-ltd-completes-demerger-of-corporate-learning-business-into-niit-learning-systems-ltd20230525132549/>

Vijay K. Thadani in conversation with BQ Prime on NIIT Ltd
& NLSL Annual Financial Results FY23



<https://www.youtube.com/watch?v=EDAnM2RnKLY>

ThePrint

NIIT launches Career Catalyst Programs to equip youth for success in competitive job market

ANI PR 01 May, 2023 01:14 pm IST

New Delhi [India], May 1 (ANI/BusinessWire India): NIIT Ltd, a leading global talent development corporation, introduced a new set of programs for learners who have just completed their school education. The programs are aimed at providing the learners with an early head start in career exploration and skill development in their desired fields.

The programs are named Career Catalyst Programs and consists of the Java Foundation Program and Data Science Foundation Program, both carefully curated by industry experts. These six-week online courses are designed to equip recent high school graduates with cutting-edge skills essential for launching their careers and outshining their peers. Eligibility for the programs is limited to those who have successfully completed their 12th-grade studies.

Speaking on the launch of the new programs, Abhishek Arora, EVP and Business Head, NIIT Digital, said "With the launch of the Career Catalyst Programs, we at NIIT, are proud to provide 12th graduated students with an early head start in their career journey. We believe that early exposure and skill development are key to make informed career choices in today's competitive job market. With these programs, students can utilize their time effectively by gaining valuable insights and honing their skills, which will give them an edge in the competitive job market. We aim to empower young minds of the country through transformative learning experience, equipping them with the knowledge and expertise to make informed choices and embark on successful path on their professional journey."

The programs are designed to provide practical application of skills on real business challenges to prepare the learners for the opportunities and challenges they will face later in their further education or future job roles in the industry. As post 12th, students are relatively free, these programs can be a great option to leverage their free time and prepare early for their dream career. In a world where the competition is getting tougher day by day, starting early preparation and gaining relevant skills and insights could be one of the best decisions for securing a glorious future.

Click below links for program details

- Data Analytics Foundation Program: <https://www.niit.com/india/ug-programs/data-analyst-foundation>
- Java Developer Foundation Program: <https://www.niit.com/india/ug-programs/java-foundation>

This story is provided by BusinessWire India.

<https://theprint.in/ani-press-releases/niit-launches-career-catalyst-programs-to-equip-youth-for-success-in-competitive-job-market/1548774/>

AI Space And Its Affect On Jobs | NIIT Group ON B2B
| Rajendra S Pawar | Business News



<https://www.youtube.com/watch?v=0SkVh95MqYg>



NIIT launches Pivotal Initiative: Announces strategic partnership for Green Energy Skills with EIT InnoEnergy Skills Institute

ANI | Updated: **May 03, 2023 16:51 IST**

Atlanta (Georgia) [US]/ Gurgaon (Haryana) [India], May 3 (ANI/BusinessWire India): NIIT Limited (NIIT), a global talent development corporation and leading provider of managed training services, announced today it has been selected as a strategic partner of the EIT InnoEnergy Skills Institute.

EIT InnoEnergy is the innovation engine for sustainable energy supported by the European Institute of Innovation & Technology, a body of the European Union (EU). The company operates at the center of the energy transition and is the leading innovation engine in sustainable energy, bringing the technology and skills required to accelerate global decarbonization efforts. With access to top subject matter experts from stakeholders across academia, industry, and government, EIT InnoEnergy has deep know-how and experience in all aspects of energy transition innovation, business models, regulation, energy markets, and industrialization.

The launch of the InnoEnergy Skills Institute is an evolution of EIT InnoEnergy's highly successful European Battery Alliance (EBA) Academy, expanding to also include green hydrogen and solar photovoltaics (PV) value chains. Its agile, modular approach to training will deliver the latest trends and training with adaptable, customizable courses and programs that meet specific needs, regardless of location, size, or technology. Greater numbers benefitting from industry-leading training is a vital step in equipping the global workforce with the knowledge and expertise needed to decarbonize the energy economy.

NIIT has been chosen as a strategic partner of the InnoEnergy Skills Institute, providing services including onboarding, learning journey creation, training of teaching staff, and ensuring local training nuances are catered for. NIIT and EIT InnoEnergy will work together on thought leadership initiatives as part of the strategic relationship. Being a top tier education provider, NIIT brings global market reach, a large and diverse customer base, and unparalleled operational excellence and capacity to achieve quality at scale along with its strong balance sheet, cash position and global credibility. The main goal of the partnership is to leverage NIIT's presence and capabilities as a global talent development leader to rapidly scale and create the highly skilled and certified human capital essential for rapid transition to Green Energy and become the thought leader and partner of choice for corporations and governments in Europe and globally.

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Decarbonization is the biggest opportunity of the century, triggering an unprecedented race for talent and skills globally. The transition to net zero will require retraining up to 18 million workers around the world. For example, between 2015 and 2030, the amount of solar PV jobs is expected to quadruple. With 2023 marking the EU's Year of Skills, the launch coincides with wider governmental initiatives to address the growing concerns about future-proofing the workforce.

The InnoEnergy Skills Institute will benefit from NIIT's global reach and infrastructure, ensuring it can deploy services at pace and scale, accelerating training across Europe, Asia, and North America. NIIT will also drive the go-to-market program to take the offering to a large variety of industries and companies across the green energy value chain globally. NIIT will also create and manage a network of local training partners across several countries to further accelerate adoption.

Oana Penu, Director of the InnoEnergy Skills Institute said: "Industries central to the energy transition will see a dramatic uplift in the need for new skills and expertise to drive progress. In fact, in the battery workforce alone, more than 700 new job types will come into play as required skillsets highly diversify. So, it is not a surprise that 71% of CEOs already cite skills shortages as their most significant business challenge. We're dedicated to supporting green innovations of the future and ensuring there is a trained workforce to achieve climate goals. Our strategic learning services partnership with NIIT will leverage its leadership in global talent development to help make this a reality."

EIT InnoEnergy's leading role in key industrial alliances spanning energy, storage, green hydrogen, and PV mean it is perfectly placed to expedite the upskilling of workers across the energy industry. Through the InnoEnergy Skills Institute, businesses, universities, and training providers can benefit from courses supported by a range of sector experts, alliances, and partnerships.

Sailesh Lalla, Chief Business Officer at NIIT said: "Decarbonization is the next industrial revolution leading to an unprecedented demand for skilled clean tech professionals. We are launching a pivotal initiative in Green Energy Skills with this partnership. With EIT InnoEnergy's domain expertise and industry knowledge and NIIT's education services industry leadership, our goal is to ensure that the InnoEnergy Skills Institute is recognized as a pre-eminent and leading destination and thought leader for decarbonization and green skills across Europe, North America, and Asia. With the combined strengths of both companies, we aspire to create a world-leading solution to the burning need for upskilling and reskilling across industries to create a flexible workforce that is adaptable to changing requirements."

This story is provided by BusinessWire India.

<https://www.aninews.in/news/business/business/niit-launches-pivotal-initiative-announces-strategic-partnership-for-green-energy-skills-with-eit-innoenergy-skills-institute20230503165119/>

ThePrint

NIIT launches Pivotal Initiative: Announces strategic partnership for Green Energy Skills with EIT InnoEnergy Skills Institute

ANI PR 03 May, 2023 05:14 pm IST

Atlanta (Georgia) [US]/ Gurgaon (Haryana) [India], May 3 (ANI/BusinessWire India): NIIT Limited (NIIT), a global talent development corporation and leading provider of managed training services, announced today it has been selected as a strategic partner of the EIT InnoEnergy Skills Institute.

EIT InnoEnergy is the innovation engine for sustainable energy supported by the European Institute of Innovation & Technology, a body of the European Union (EU). The company operates at the center of the energy transition and is the leading innovation engine in sustainable energy, bringing the technology and skills required to accelerate global decarbonization efforts. With access to top subject matter experts from stakeholders across academia, industry, and government, EIT InnoEnergy has deep know-how and experience in all aspects of energy transition innovation, business models, regulation, energy markets, and industrialization.

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<https://theprint.in/ani-press-releases/niit-launches-pivotal-initiative-announces-strategic-partnership-for-green-energy-skills-with-eit-innoenergy-skills-institute/1553418/>

NEWS 18

NIIT Launches 6-Weeks Courses In Java, Data Science For Class 12 Pass Students

Curated By: Suramyia Sunilraj Last Updated: MAY 01, 2023, 15:50 IST New Delhi, India



The six-week online courses are designed to give students a head start on exploring potential careers and skill development in their chosen domains

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A new set of programmes revolving around Java and Data Science have been introduced by NIIT for students who have completed high school. Students can enrol in six-week online courses in the Data Science Foundation Programme and the Java Foundation Programme through NIIT's Career Catalyst Programmes. Both programmes have been meticulously curated by industry professionals.

The courses are designed to give students a head start on exploring potential careers and skill development in their chosen domains.

These educational programmes are meant to prepare students for the opportunities and challenges that they may encounter either in their higher education or future career obligations in the industry by providing practical application of skills in real-world business scenarios.

Students will gain core skills in data analysis, data visualisation, programming, and Relational Database Management Systems (RDBMS) through the Data Science Foundation Programme.

The Java Foundation Programme will familiarise students with utilising the built-in Java collection framework to handle Java objects. Students will additionally acquire knowledge on how to use Structured Query Language (SQL) to interact with an RDBMS.

In a statement issued at the launch of the two programmes, Abhishek Arora, EVP and Business Head, NIIT Digital, stated that NIIT believes that early exposure and skill development are critical to making educated career choices in today's competitive employment environment.

Arora further adds, "With these programs, students can utilize their time effectively by gaining valuable insights and honing their skills, which will give them an edge in the competitive job market. We aim to empower young minds of the country through transformative learning experience, equipping them with the knowledge and expertise to make informed choices and embark on successful path on their professional journey."

At a time when remote learning and online education become increasingly prevalent, these programmes assist young learners in connecting with the corporate world that will eventually guide their career trajectory by honing skills like Java and Data Science and standing apart from their peers.

<https://www.news18.com/education-career/niit-launches-6-weeks-courses-in-java-data-science-for-class-12-pass-students-7689913.html>

HT Hindustan Times

Top IT Training Institutes in India

Brand Stories

Published on Apr 19, 2023 06:40 PM IST



Here are the top five IT training institutes in India:

India has become one of the major players in the global IT industry. With its vast pool of skilled professionals, India has been consistently delivering cutting-edge technology solutions to the world. In order to maintain its competitive edge, it is important to have a strong IT training infrastructure. This is where Top IT training institutes come in, providing the necessary skills and knowledge to the next generation of IT professionals.

The Indian IT industry is known for its innovation and excellence, with companies such as TCS, Infosys, and Wipro making a mark on the global stage. According to NASSCOM, the Indian IT industry is expected to grow to \$350 billion by 2025. With such a promising future, it is important for aspiring IT professionals to choose the right training institute to stay ahead of the curve.

Choosing the best IT training institutes is critical for anyone who wants to start a career in the IT industry. With a growing demand for skilled IT professionals, it is important to gain the right skills and knowledge to excel in the field. IT training institutes provide a structured learning environment where students can learn from experienced trainers and gain practical hands-on experience in the latest technologies.

The institute will offer a curriculum that is aligned with industry standards and trends. This will ensure that students are equipped with the latest skills and knowledge needed to succeed in the IT industry. In addition, the institute should provide access to modern facilities and equipment that replicate real-world scenarios. This will enable students to gain practical experience in a safe and controlled environment, ensuring that they are prepared for any challenges they may face in their future careers.

Top IT training institutes in India

Here are the top five IT training institutes in India:

1. Koenig Solutions

Koenig Solutions is the no. 1 IT training institute in India. It offers a wide range of courses, including Microsoft, Cisco, Oracle, and ITIL certifications. The institute has a strong reputation for its quality of training, with experienced trainers and state-of-the-art facilities. It has been awarded by the Microsoft Learning Partner of the Year award multiple times and is an authorized training partner for several leading technology companies.

Koenig Solutions also offers a wide range of courses including Azure certifications, which have become increasingly popular due to the growing demand for cloud computing professionals. The institute offers a comprehensive training program that covers all aspects of Azure, including infrastructure, security, and development.

2. NIIT

NIIT is one of the oldest and most well-known IT training institutes in India. It offers a wide range of courses in areas such as software engineering, cloud computing, and data analytics. NIIT is known for its innovative teaching methods and strong industry partnerships. It has a presence in over 30 countries and has trained over 35 million students worldwide.

3. Aptech

Aptech is a leading IT training institute in India with a strong focus on career-oriented courses. It offers courses in areas such as software development, data science, and cybersecurity. Aptech has been in the industry for over three decades and has a strong network of over 1300 centers across the world.

Contd..

4. Jetking

Jetking is a popular IT training institute in India, known for its courses in networking and hardware. It has a strong reputation for its practical-oriented training, with a focus on real-world applications. Jetking has a presence in over 20 countries and has trained over 7,00,000 students so far.

5. IIHT

IIHT is a leading IT training institute in India, offering courses in areas such as cloud computing, cybersecurity, and software development. It is known for its industry-aligned training programs and strong placement support. IIHT has a presence in over 20 countries and has trained over 10,00,000 students so far.

For more information you can visit these Learning Paths from Microsoft which will help you in preparation of your exams.

Factors To Consider When Choosing An It Training Institute

When choosing the top IT training institutes in India, it is important to consider several factors such as:

1. **Course offerings** - Make sure that the institute offers courses that align with your career goals and interests.
2. **Trainer experience** - Ensure that the trainers have relevant industry experience and are up-to-date with the latest technologies.
3. **Facilities** - Look for institutes with modern facilities such as labs, classrooms, and equipment.
4. **Certification and accreditation** - Check if the institute offers certifications that are recognized by the industry and if it is accredited by relevant organizations.
5. **Placement support** - Look for institutes that offer strong placement support, with tie-ups with leading companies in the industry.

Best IT training institutes in India play a crucial role in the development of the Indian IT industry. With the industry expected to grow at an exponential rate, it is essential for aspiring IT professionals to choose the right institute for their training.

The top five IT training institutes in India - Koenig Solutions, NIIT, Aptech, Jetking, and IIHT - offer a wide range of courses, experienced trainers, modern facilities, industry-aligned training programs, and strong placement support. When selecting an institute, consider factors such as course offerings, trainer experience, facilities, certification and accreditation, and placement support.

By choosing the best IT training institutes, you can gain the skills and knowledge needed to excel in the fast-paced world of IT and contribute to the growth of the industry.

<https://www.hindustantimes.com/brand-stories/top-it-training-institutes-in-india-101681906015629.html>

ANI
South Asia's Leading Multimedia News Agency

STACKROUTE AN NIIT VENTURE

ARCHITECTING FOR TOMORROW'S EXPERIENCES

Discover a whole new world of possibilities at the

DIGITAL ARCHITECT CONCLAVE 2023

21st April, 2023
8 AM - 5 PM

Shangri-La,
Bangalore

SAVE THE DATE

NIIT StackRoute announces the first-of-its-kind Digital Architecture Conclave 2023

NIIT StackRoute announces the first-of-its-kind Digital Architecture Conclave 2023

ANI | Updated: **Apr 17, 2023 18:18 IST**

Bengaluru (Karnataka) [India], April 17 (ANI/BusinessWire India): NIIT Limited, a leading global talent development corporation, has announced the first edition of Digital Architecture Conclave 2023. The one-day conclave by StackRoute, an NIIT venture, provides a unique opportunity for architectural community to get insights from key industry leaders and professionals on Architecture trends and techniques powering future architectural blueprints.

In the endeavour to help organizations strengthen their architecture talent, the Digital Architecture Conclave is scheduled on April 21st from 8 am to 5 pm at Shangri-La, Bengaluru. The theme of the conclave is "Architecting for Tomorrow's Experiences", and the sub-themes include Architecting for Digital Transformation, Emerging Trends that will shape the future of Architecture & Sustainable Architectures in the world of Agile, Cloud and DevOps.

This daylong event will start with an Inaugural address from Rajendra S Pawar, Co-founder & Chairman NIIT followed by special talks by Dr Pallab Saha, General Manager, Open Group and Nitin Mishra, Chief Technology Officer & President, ONDC on, setting the architecture blueprint for Digital India.

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This event will also have power packed Panel Discussions moderated by Gopalakrishna Bylahalli - E&Y on "Adaptive, resilient, and sustainable architecture for the digital age" and Nishith Pathak-DXC Technology on "Architecting for Tomorrow: Embracing the Latest Tech Trends in Software Architecture", to explore, share the challenges and opportunities related to platform & ecosystem of Architecture.

Leading architects including Utkarsh B, Chief Architect, Flipkart; Dr Hari Bhaskar, Machine Learning/Engineering Leader, Google; Balaji Raghunathan, Vice President, Technology and Solutions, Digital Experience, ITC Infotech Ltd; Murale Narayanan, Senior Director, Modern Infra, Cloud & Application Services, Dell Technologies will discuss their perspectives and share insights on various topics such as Data Mesh, Modern Data Platforms, Architecting and managing AI/ML systems at Scale. The conclave also presents a great opportunity to demonstrate their architectural thinking through "Poster sessions" and "Case Study Presentations".

Bimaljeet Singh Bhasin, President, Enterprise Business India, NIIT Limited said, "The competitive advantage brought about by the continual evolution of digital architecture cannot be overemphasized. Our Architect Competence Development Programs have helped build 1500+ architects across 10+ leading technology and digital companies, winning 8 Brandon Hall awards. In this endeavour to strengthen the architect talent pipeline across organizations, we are proud to launch the first edition of "Digital Architect Conclave" as a forum for architects to share experiences, gain insights on architecture best practices. I am looking forward to meeting leading architects with their teams at the conclave."

Dr Yogesh K Bhatt, EVP and Business Head, StackRoute, an NIIT Venture said, "We are proud to announce the "Digital Architecture Conclave 2023", which aims to help organizations build a stronger architecture talent pool. The theme, 'Architecting for Tomorrow's Experiences,' reflects our commitment to creating a future-ready workforce that can meet the evolving needs of the industry. We believe that this conclave will provide a platform for architects to learn, share, and network with their peers, enabling them to take on new challenges and build innovative solutions that will shape the future of architecture."

Dr Vishnupriya Raghavan, Vice President, Client Advisory and Transformation, Enterprise IT Business, StackRoute, an NIIT Venture said, "This event will be attended by a diverse set of digital architects - from across roles such as tech architects, data architects, solution architects and enterprise architects who lead architecture design and development, and devise strategies that enable innovation and deliver business value. I strongly believe that this conclave will provide one-of-a-kind opportunity for architects to expand their sphere of influence, build networks, and maximise their learning".

For more information, participation and registration for the Digital Architecture Conclave 2023, click here: <https://digitalarchitectureconclave.in/>

This story is provided by BusinessWire India.

<https://www.aninews.in/news/business/business/niit-stackroute-announces-the-first-of-its-kind-digital-architecture-conclave-202320230417181850/>

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Business Wire India

Posted at: Apr 17 2023 4:10PM

NIIT StackRoute Announces the First-of-Its-Kind Digital Architecture Conclave 2023



The graphic features a dark background with a person's hands holding a glowing digital globe. On the left, there is a vertical orange banner with the text 'ARCHITECTING FOR TOMORROW'S EXPERIENCES'. Below the banner, the text 'Discover a whole new world of possibilities at the DIGITAL ARCHITECT CONCLAVE 2023' is displayed. To the right, a small circular icon contains the text '21st April, 2023 8 AM - 5 PM' and 'Shangri-La, Bangalore'.

SAVE THE DATE

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Business Wire India

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<http://www.uniindia.com/niit-stackroute-announces-the-first-of-its-kind-digital-architecture-conclave-2023/business-wire-india/news/2954886.html>

Entrepreneur
INDIA

6 Ways to Build Resilient Digital Architectures Across Companies

Leading digital architects share their thoughts

BY S SHANTHI • APR 21, 2023



Building a resilient business is not a choice but a necessity today. To match up to the perennial ups and downs that businesses face, some internal, some external, it has also become pertinent to build resilient digital architecture. The tech teams across companies are today striving to match up to the evolving consumer demands. While this is tough, it is leading to innovation and resilience.

"After the pandemic, instant feedback has become very common. Customers are also aware of technologies and

what they can bring to their table. This has pushed tech teams to innovate well and innovate fast," said Hari Bhaskar, machine learning/engineering leader, Google. He was talking at The Digital Architecture Conclave 2023 by NIIT's StackRoute recently.

The key question here is how to build a sustainable and resilient digital architecture in a company. For the uninitiated, digital architecture is a framework based on which a company transforms towards improves business growth.

Here are some ways shared by leading digital architects Entrepreneur India met at the conclave.

Change with times

"Every business is malleable. It could be landscape or emerging technologies. But change is constant, so your digital architecture cannot be redundant. As long as there are non-significant pauses, that are adaptive, it is fine. You have to understand the end game. That is resilience," said Utkarsh B, Chief Architect, Flipkart.

According to the India Digital Transformation (DX) Survey conducted in 2022 across 504 IT decision-makers in India by IDC, for 2022 and 2023, about 3/4th of the respondent companies plan to spend more than what they spent for DX initiatives in 2021. Yet another 20 per cent of the respondents will maintain the same level of DX spending as in 2021.

"The rate of change and how we can adapt matters a lot. Smaller businesses are doing it. Enterprises are hesitant. The underlying aspects of how enterprises can change will rely on how adaptive architectural structure is while staying resilient and sustainable," said Hemanth Kumar A, general manager and automation delivery head, Wipro Limited.

Pre-deduct failure

Every business changes and processes change. Data complexity happens. Can architecture survive these? "Yes, by pre-deducting failure. You have to ensure it doesn't happen. Tech should survive changes that invariably happen," said Nagaraj Kulkarni, founder & CEO, COMPEGENCE.

Build on data

Experts say that a data-driven architecture is key. "Data can play a huge role in in building resilience. Data exists, it won't go away. In every step of the business, there is an interaction. Maximize that. Your data flow will always exist. Data-driven architecture is key," said Kulkarni.

According to an IDC report, compound annual growth in data through 2020 will be almost 50% per year. Complex data can be a bane to business growth. So, how tech teams navigate the same and use it to their advantage will go a long way in creating more value for organizations.

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Up the game

The pandemic has leapfrogged tech adoption by many times. This kind of tech adoption so soon was something nobody could predict. So, experts feel that those who don't keep improving will be left behind.

"It's time now to up the game. Technology can be a driver for business growth. If we absorb this tech, this is how businesses will change. Architects should do that. Is this tech meaningful? We should have the labs, R&D, paired with meaningful solutions which embrace technology," said Utkarsh B.

Automate whatever you can

Automation is the way forward for companies across categories. While India has the labor power, taking people away from mundane jobs is going to be key. The ability to run as many things as possible on automation will show better business results. "The automated systems that will help you adapt is what we need in an enterprise. Try and automate whatever you can, to get the best results in the shortest possible time," said Hemanth Kumar A, general manager and automation delivery head, Wipro Limited.

Convert NFR into business

"Today, everybody is thinking of cloud, but, it is not uncommon to see cloud crash. You have to assume that systems will fail and make architectural decisions so that your business won't fail. It is resilience. Our endeavor should be to convert a non-functional requirement (NFR) into business. Walmart makes 1-2 billion a day. If your system is down for a day, that much loss. Personalization is a fine example of adaptive architecture, more so in the digital era." Nitin Kaulavkar, Ex Walmart, mentor and consultant. Non-functional requirements refer to the characteristics of a software system that are not related to particular functionality or behavior.

S Shanthi

Senior Assistant Editor

Shanthi specializes in writing sector-specific trends, interviews and startup profiles. She has worked as a feature writer for over a decade in several print and digital media companies.

<https://www.entrepreneur.com/en-in/technology/6-ways-to-build-resilient-digital-architectures-across/450132>

Positive Amendment: Telecom industry welcomes the new green energy open access rules Rs 100

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 enterprise telecom edtech

Innovations in Edtech

Use cases, deployment challenges and upcoming trends

The education sector is undergoing a paradigm shift with the adoption of new-age technologies such as artificial intelligence (AI), machine learning (ML), augmented and virtual reality (AR/VR) and the internet of things (IoT). This transformation is enabled by 5G networks with significantly high bandwidth and low latency. Industry leaders share their views on the use cases of these technologies, challenges in deployment and upcoming digital trends in the sector...

What are the use cases of technologies such as AR/VR, IoT and AI/ML in the education sector? How will 5G drive the adoption of these solutions?

Dr Lovi Raj Gupta

Technologies such as AR/VR, IoT or AI play a critical role in the education space, especially in content creation, delivery and evaluation. AR/VR has become invaluable in enabling student participation and creating immersive real-time scenarios, whether it is working on an engine like Auto B or exploring scenarios in biotechnology and biology. It can even extend to human biology, allowing individuals to understand various organs without the need for dissections. The advancement of technologies such as metaverse offers significant potential for the education sector, provided it is utilised positively. IoT or AI/ML play a crucial role in the delivery of content and in understanding students based on real-time feedback. Based on this feedback, the delivery, content and examples can be

modified to improve teaching and learning. In addition, AI/ML plays a crucial role in evaluation mechanisms, both assistive and adaptive evaluation, which are being developed to assess true learning outcomes. The speed of 5G will further supplement and complement the use of technology within the education space.

Koneru Lakshman Havish

AR/VR, IoT, AI/ML and 5G are revolutionising the education sector. AR/VR offers immersive learning experiences, IoT enhances classroom management, and AI/ML provides personalised tutoring and adaptive learning. The high-speed and low-latency connectivity of 5G enables real-time collaboration and seamless streaming of AR/VR content, unlocking the full potential of these technologies for creating engaging and effective education spaces.

Pradeep Narayanan

New-age technologies such as AR, VR, IoT, AI and ML have the potential to

address some of the biggest challenges in the education sector such as the lack of quality education, student engagement and personalised learning. The education sector can significantly improve its efficiency by adopting technologies such as robot teachers, chatbot-based learning and beyond-classroom-hours teaching assistance.

AR/VR can create immersive learning experiences, enabling students to visualise complex concepts, explore virtual environments and engage in interactive simulations. For example, medical students can practice surgical procedures in a virtual environment, enhancing their skills and confidence. The arrival of 5G technology is set to fuel the surge in tech solutions in education as its high-speed connectivity and low latency will accelerate adoption. 5G is poised to revolutionise this sector by offering immersive learning experiences and transforming traditional classrooms.

Dr Abhinanda Sarkar

Technologies such as AR/VR, IoT and



Dr Lovi Raj Gupta

Pro Vice-Chancellor and Head, Lovely Faculty of Technology and Sciences, Lovely Professional University



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Dr Abhinanda Sarkar

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Dr Rajeev Kumar Singh

Associate Dean, Academics, Shiv Nadar Institution of Eminence

“With continuous advancements in technology and the emergence of intelligent tools, learner-instructor interaction is set to soar to new heights.”

Dr Lovi Raj Gupta

AI/ML have significant use cases in the education space, revolutionising the way learners learn and interact with information by facilitating immersive learning experiences, personalised instruction and enhanced connectivity. The roll-out of 5G network will further drive this adoption by providing the necessary infrastructure for seamless and efficient implementation.

- AR/VR technologies provide immersive learning experiences by allowing learners to visualise and interact with complex concepts. They can explore historical sites, dive into virtual laboratories or even simulate real-world scenarios, making education more engaging and practical. In fact, these technologies are bridging the gap between education and employment by providing learners with first-hand experiences of various job roles and assisting them in making informed career choices.
- IoT plays a crucial role in creating smart classrooms, where various devices and systems are interconnected. It enables real-time monitoring and control of classroom environments, thereby enhancing safety and optimising energy usage. IoT devices also facilitate data collection on learner performance and behaviour, providing valuable insights for personalised learning and assessment.
- AI/ML technologies enable personalised learning experiences by analysing data and adapting educational content to cater to individual needs. Intelligent tutoring systems deliver customised instruction and feedback, helping learners progress at their own pace. AI-powered chatbots can provide instant answers to questions, promoting self-directed learning. AI also assists in analysing learner performance data to help identify areas of improvement and

“VR/AR applications enable students to explore complex concepts, visit historical sites, conduct virtual experiments and participate in simulated scenarios. AI-powered chatbots can instantly address student queries and provide round-the-clock support.”

Koneru Lakshman Havish

enable targeted interventions.

Dr Rajeev Kumar Singh

AR and VR have been proven to drive impactful educational transformations. They are instrumental in the “gamification” of the teaching-mastering process. At Shiv Nadar University (SNU), the design department is at the forefront of this change, actively developing various VX skills across different subject domains. Students receive training in Spark AR studio, where they learn to create AR effects from scratch. This involves importing assets, canvas, face tracking, patch editor and generating test links. This cutting-edge technology positions SNU as a leader in this field. We also have a design studio with an AR/VR setup, where students create 3D models to understand the syllabus comprehensively. In addition, the Dassault Systèmes Centre of Excellence at SNU aims to fuel research, innovation, design and entrepreneurship through problem-solving industry-based projects by utilising Dassault Systèmes’ acclaimed 3DEXPERIENCE platform.

The university houses a metal 3D printer from 3D Systems, US, a prominent facility funded by NITI Aayog. This advanced manufacturing facility will support start-ups in developing functional prototypes and customised designs tailored to their requirements. Our open architecture system enables the exploration of materials not yet accessible for 3D printing, while also improving the existing options. The facility is also aiding the research at SNIoE, focused on the development of energy-efficient and environment-friendly solutions.

“The integration of AI tools in education empowers both learners and instructors, enabling personalised learning experiences, targeted interventions, and continuous improvement in teaching methodologies.”

Pradeep Narayanan

What are the ICT solutions deployed by your organisation? What are the main challenges faced while deploying new-age technologies?

Dr Lovi Raj Gupta

We have several copyrighted implementations of ICT solutions. For instance, teaching effectiveness rating engine is a tool that allows students to give feedback on key parameters such as content, delivery, example building, value addition and doubt clearing. This feedback is aggregated onto a dashboard, allowing faculty members to visualise the translation of knowledge, understand whether the students are liking the examples, and identify areas where doubt clearing may be necessary.

Another copyrighted implementation is the lack of resource reporting engineering, where lab students can provide feedback on standard procedures and report the unavailability of equipment, gadgets or chemicals to ensure prompt resolution. We have also implemented a feature that uses intelligent models to create question papers from question banks. The model is designed to pick questions based on complexity and marks, which then sums up the best-fit procedures.

Koneru Lakshman Havish

Organisations deploy various ICT solutions based on their specific needs and goals. These solutions may include cloud computing platforms, data analytics tools, cybersecurity measures, customer relationship management systems, enterprise resource planning software and communication tools such as video conferencing platforms.

enterprise telecom edtech

Organisations often face several challenges when deploying new-age technologies. These challenges can include resistance to change from employees, the need for significant investments in infrastructure and training, concerns with data security and privacy, integration issues with existing systems and rapid technological advancements that require continuous updates and upgrades, which can hamper smooth operation.

Pradeep Narayanan

NIIT's integrated digital framework facilitates digital learning services and experiences by incorporating multi-faceted systems across the learner lifecycle, and learning and development value chain. The framework enables demand and discovery, learning design and development, learner experience, education process management, career success and life-long learning. It also includes business engagement that encompasses request process flows, tracking and monitoring processes, reporting and dashboards. Our dedicated learning technology practice focuses on innovative cloud-based solutions and the continuous enhancement of our technology platform.

To cater to a significant number of users who access training through mobile devices, it was imperative to develop a mobile-first responsive solution. In certain geographies, end-users encounter low-to-moderate bandwidth/connectivity issues, highlighting the need for optimised streaming techniques and offline playback of content. New technologies necessitate the processing and collection of substantial amounts of data, which in turn poses security challenges.

Dr Abhinanda Sarkar

We have developed our own ICT solution called Olympus, a learning management system that provides a centralised platform for educators, learners and internal staff. Olympus ensures that learners have access to materials, collaborate with peers, track progress and receive career services. For faculty, it amplifies their reach and impact by allowing them to create meaningful and transformative learning experiences for a larger number of learners. Our internal te-

“With intelligent tutoring systems and virtual simulations, learners can engage in immersive and interactive learning experiences that challenge them to think critically and solve complex problems.”

Dr Abhinanda Sarkar

am uses the platform to understand learners' aspirations and provide timely interventions when needed. The efficiency of this technology platform has helped us achieve an industry-leading completion rate of 91 per cent for our programmes.

To help institutions scale up their online offerings, Great Learning provides access to their own learning management system through the Olympus Digital Campus. This allows smaller institutions and those on limited budgets to quickly move their content online and customise cloud-based academic offerings to suit their requirements.

The deployment of new-age technologies comes with its challenges:

- Implementing advanced ICT solutions often requires robust infrastructure, including high-speed internet connectivity, reliable servers and sufficient storage capacity. Ensuring the availability of necessary infrastructure that can meet the demands of the technology can be a challenge.
- Investing in new technologies can be expensive, especially for smaller educational institutions or organisations with limited budgets. Scaling up the deployment to accommodate a larger user base

“AR and VR have been proven to drive impactful educational transformations. They are instrumental in the “gamification” of the teaching-mastering process.”

Dr Rajeev Kumar Singh

or expanding to multiple locations can pose financial challenges.

- Introducing new technologies requires training and upskilling of educators and learners, which can be met with resistance to change, or a learning curve associated with using the new tools effectively.

Protecting learner data and ensuring privacy becomes paramount with the increased usage of digital tools and platforms. Implementing robust security measures and complying with data protection regulations can be complex and challenging.

Dr Rajeev Kumar Singh

Our student data and processes are automated end-to-end by utilising the PeopleSoft software. Additionally, our learning management system, Blackboard, is globally recognised by top QS-ranked universities. We also have an in-house app developed within the campus that serves the university's purposes. The university is engaging faculty members in discussions to explore the impact of language models like ChatGPT on teaching-learning, particularly in the humanities disciplines where assessments predominantly rely on writing abilities.

How will the rise of various AI tools impact teaching and learning? How will it influence learner-instructor interaction?

Dr Lovi Raj Gupta

It will drive a paradigm shift, with the emergence of generative pre-drawing transformers and large language models. It will take the interaction between teachers and learners to the next level as both parties can leverage these tools to create new forms of knowledge during class sessions. It will not be the conventional client-server technology wherein the teacher disseminates or shares the knowledge; it would shift towards a collaborative exchange of ideas, bringing out the best from both sides. With continuous advancements in technology and the emergence of intelligent tools, learner-instructor interaction is set to soar to new heights.

Koneru Lakshman Havish

The rise of various AI tools is poised to

have a significant impact on teaching and learning. AI-powered tools can enhance the learning experience by providing personalised content, adaptive assessments, and intelligent tutoring systems. It can automate routine tasks, freeing up teachers' time for personalised instruction and feedback. AI can also analyse vast amounts of data to identify patterns and insights that can inform instructional strategies. Learner-instructor interaction may evolve as AI tools facilitate individualised and timely feedback, allowing instructors to focus on higher-order engagement and mentorship. However, it is crucial to maintain a balance between AI-driven automation and the human touch in education to ensure meaningful and ethical learning experiences.

Pradeep Narayanan

AI facilitates personalised approaches that cater to individual needs, resulting in targeted learning strategies and improved outcomes. Adaptive assessments, intelligent tutoring systems and predictive analytics are examples of AI capabilities that enhance the educational experience.

AI acts as a loyal wingman for teachers, taking on tedious tasks, delivering personalised feedback, and serving as a constant "coach" within the learning ecosystem. This gives learners greater control over their own learning and results in enhanced learning experiences.

Moreover, AI can identify when students require additional support or when more challenging tasks can be assigned based on their performance. In the future, it may even analyse facial expressions to assess learners' understanding to determine more effective learning approaches.

Overall, the integration of AI tools in education empowers both learners and instructors, enabling personalised learning experiences, targeted interventions, and continuous improvement in teaching methodologies.

Dr Abhinanda Sarkar

The rise of various AI tools in education is making a significant impact on teaching and learning and will continue to do so. These tools have the potential to revolutionise education systems, making them

more equitable and equipping learners with the necessary skills for the future.

- A key impact of AI tools in teaching and learning is the ability to personalise education. AI-powered adaptive learning systems can analyse individual learner data and provide personalised learning experiences tailored to specific needs and learning styles. This personalised approach can enhance learner engagement and improve learning outcomes.
- AI tools also have the potential to automate administrative tasks and provide real-time feedback to both teachers and learners. For instance, at Great Learning, AI-based chatbots are used to provide initial responses to learner queries. Academic counsellors step in only when faced with complex situations. Thus, a quick turnaround for most queries is maintained.
- Furthermore, AI tools can facilitate the development of critical thinking and problem-solving skills. With intelligent tutoring systems and virtual simulations, learners can engage in immersive and interactive learning experiences that challenge them to think critically and solve complex problems.

In terms of learner-instructor interaction, AI tools can augment the role of teachers rather than replace them. The role of teachers will evolve from being the sole source of knowledge to becoming facilitators of learning and mentors who guide learners in their educational journey.

Dr Rajeev Kumar Singh

In recent years, AI has gained significant momentum in various industries, including education, transforming the teaching methods and student learning experiences.

With the ability to analyse data on student performance and preferences, AI can help educators develop customised lesson plans and assessments that cater to the individual strengths and weaknesses of each student. This can improve student engagement and motivation and lead to improved academic outcomes. For example, ChatGPT can analyse a student's learning history and offer customised learning materials based on their interests and strengths. This personalised approach enhances student motivation and engagement, ultimately leading

to improved academic performance.

It also plays a crucial role in grading and assessment, effectively saving educators' time and effort, and allowing them to focus on other aspects of teaching. This can lead to the implementation of automated grading systems to reduce the workload for teachers.

What are the three key digital trends to watch out for in the education sector?

Dr Lovi Raj Gupta

AI will significantly contribute to the education sector by effectively engaging in the teaching-learning process, pedagogical initiatives, evaluations and the creation of futuristic content. The second trend is the emergence of digital twins, which can facilitate the accurate modelling of progress and enable efficient identification and resolution of knowledge gaps with minimal time investment. Blockchain is another technology poised to revolutionise the teaching and learning process.

Koneru Lakshman Havish

Three key digital trends gaining momentum in the education sector are personalised learning, AR/VR, and AI. Personalised learning leverages technology to tailor educational experiences to the individual needs and preferences of students. It involves adaptive learning platforms, intelligent tutoring systems, and data analytics to provide customised learning pathways and real-time feedback. This will enhance engagement, mastery, and student outcomes by catering to diverse learning styles and paces.

VR/AR applications enable students to explore complex concepts, visit historical sites, conduct virtual experiments and participate in simulated scenarios. AI-powered chatbots can instantly address student queries and provide round-the-clock support. ML algorithms can analyse student data to identify learning gaps and suggest tailored resources. These advancements have the potential to enhance accessibility, efficiency, and effectiveness in education.

Pradeep Narayanan

The education sector is undergoing a significant transformation driven by various



digital trends. The top three current digital trends in the education sector are:

- **Personalised learning:** As classrooms evolve and technology advances, personalised education has become the norm. With the help of technology, teachers can now offer students diverse learning experiences beyond the standard curriculum. The traditional teacher-centric approach has ushered in a new era, where educators become coaches, role models, and facilitators of the learning process in online environments and applications.
- **Enhanced immersive learning with VR:** VR and AR technologies are being utilised to create immersive learning experiences as they allow students to explore virtual environments, enhancing their understanding of complex concepts and providing practical training across various fields.
- **Gamification:** Gamification places an emphasis on learning that encourages deeper engagement and strong performance. Through entertaining quizzes and interactive activities, students can enjoy the learning process while demonstrating their potential, way of thinking and logical skills. The teacher can ascertain the student's preferences for particular activities and provide the appropriate

tools for skill development.

Dr Abhinanda Sarkar

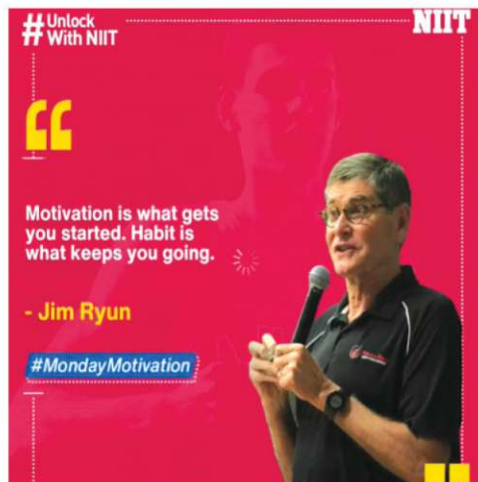
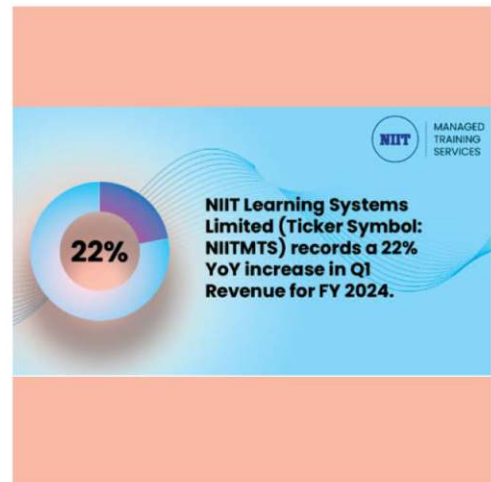
Several key trends are shaping the rapidly evolving education sector. Here are three digital trends to watch out for:

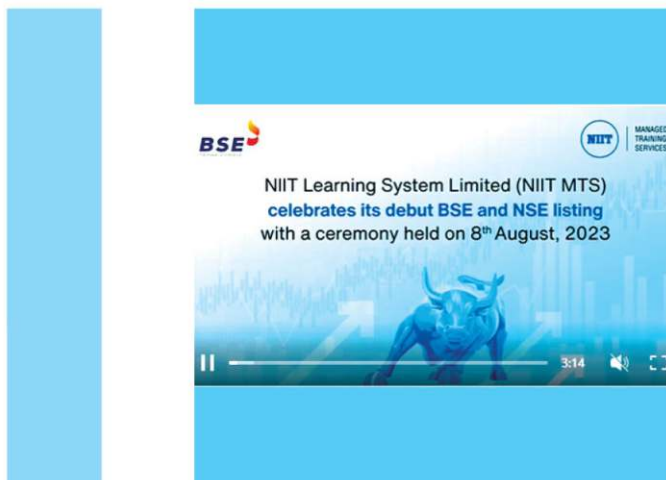
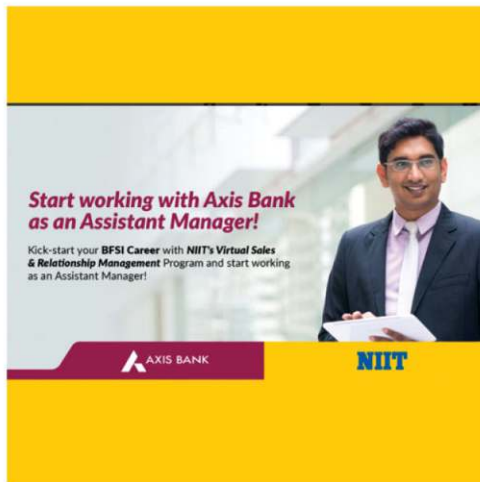
- **Reality, AI, AR, and VR:** These technologies are transforming education by providing immersive and personalised learning experiences. These innovative technologies are revolutionising conventional teaching methods, transforming them into interactive and engaging sessions.
- **Gamification:** Gamification is increasingly being employed across the education sector as a means to enhance learning. By incorporating game elements and mechanics into educational content, learners can engage in immersive learning experiences. Educational games make the learning process enjoyable, promote active participation and encourage multimodal learning.
- **Nano-learning:** This emerging trend in edtech provides bite-sized classes that offer on-demand access to specific knowledge. Nano-learning allows learners to learn at their own pace and target specific areas of interest for skill development. With the increasing demand for on-the-go and just-in-time learning,

this trend is expected to gain popularity, offering flexible and personalised learning opportunities. For instance, Great Learning Academy offers several courses for free, varying in duration from as short as one hour to more in-depth courses that span up to eight hours. In fact, thousands of learners have curated their own learning journeys by combining courses according to their specific interests and objectives.

Dr Rajeev Kumar Singh

Recent trends in the education sector have entirely changed the sector dynamics and are expected to remain prominent in the foreseeable future. Over time, we are getting accustomed to absorbing information in ultra-fast, attention-grabbing, bite-sized chunks. The convergence of reality, AI, AR, and VR will impact all areas of human activity, including education. The inclusion of AI and metaverse technologies in the education sector is leading to transformative changes, enabling individualised and interactive learning experiences for students. Blockchain technology is also poised to revolutionise the education industry by reshaping how academic data is managed and enhancing interaction between teachers and students. ▲





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