

Since 2012

RNI No. DELENG/2012/45970

Education Post

A NEW HIGH IN EDUCATION

₹40.00

www.theeducationpost.in

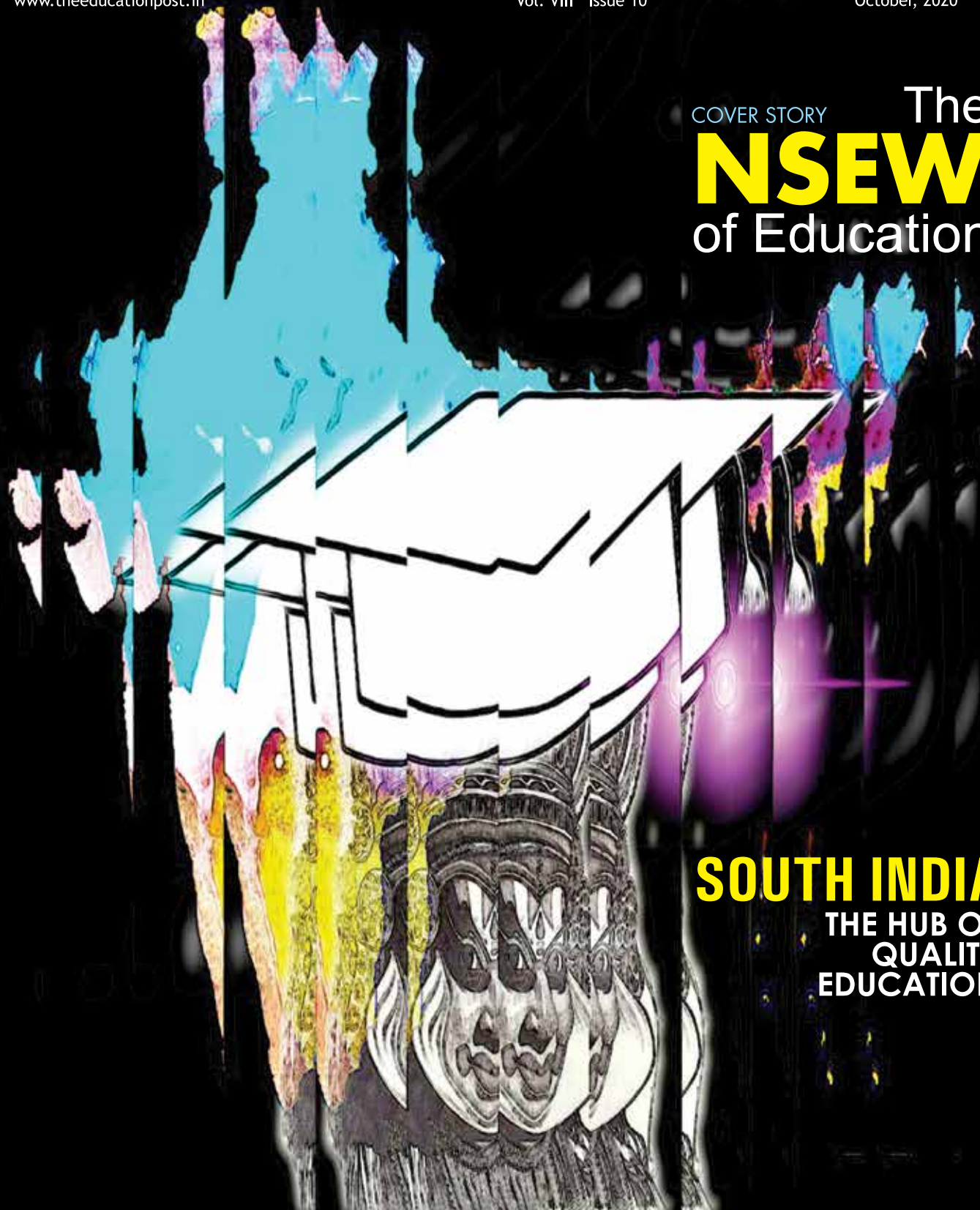
Vol. VIII Issue 10

October, 2020

COVER STORY

The NSEW of Education

SOUTH INDIA
THE HUB OF
QUALITY
EDUCATION





We Teach the Advancement of Futuristic Science and Technology

Recognized by Accredited by Private Engineering Institutes Ranking 2020

Rank 132 **RANK 1** **State: Rank 3**
National : Rank 9

Pandemic Preparedness

- An institution with complete workplace readiness to avoid COVID-19 infection and spread.
 - Fully functional COVID-19 Cell
 - Fully Sanitized Campus
- All necessary actions to secure the well-being of our students and staff as well as members of our community are taken rendering the University Campus a safe workplace.

The galaxy of JSS institutions is governed by JSS Mahavidyapeetha with more than 100 years of non-formal education and over 55 years in Science and Technical Education. This league of institutions offers both formal and informal programmes from Primary to Professional Courses; from Certificate course to Diploma to Doctoral level. JSSMVP has established Technical Institutions in Mysuru, Bengaluru, Noida, Mauritius and Dubai under the wings of JSS Technical Education. All these institutions are spearheaded by His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji.

JSS Science and Technology University is built on a strong reputation of SJCE, Mysuru, with a sprawling 102 acres of lush green campus. The university is passionately committed for providing education in Science, Technology, Engineering and Mathematics (STEM), Architecture, Management and Humanity. It is steadfast to find solutions to some of the great challenges through scientific research and technological innovations. The University also has the reputation of academic excellence in professionally oriented programs, and equal proficiency in extracurricular activities, that makes it a lucrative option for students from all over the country, especially those staying in the remote places eyeing at Science & Engineering Career.

Programmes Offered

Postgraduate Programmes

Industrial Electronics
Industrial Structures
Network & Internet Engineering
Environmental Engineering
Maintenance Engineering
Computer Engineering
Software Engineering
Bio Medical Signal Processing & Instrumentation
Master of Engineering Management
Energy System & Management
Health Science & Water Engineering
Material Science and Engineering
Bio Technology
Data Science
Infrastructure Engineering and Management
Polymer Science

Management Programmes

MBA (Marketing /HR /Finance)
MBA (Corporate Finance)
MBA (Retail Management)
MBA (Executive Programme)
MBA (Digital Marketing)

Master of Computer Applications

M.Sc. in Chemistry
M.Sc. in Mathematics
Research Programmes
M.Sc. Engineering by research
Ph.D. in all disciplines

Undergraduate Programmes

Biotechnology
Civil Engineering
Computer Science and Business Systems
Computer Science and Engineering
Construction Technology and Management
Electronics and Communication Engineering
Electrical and Electronics Engineering
Electronics and Instrumentation Engineering
Environmental Engineering
Industrial and Production Engineering
Information Science and Engineering
Mechanical Engineering
Polymer Science and Technology
Bachelor of Computer Applications (BCA)

190+
Companies Visit the Campus

800+
Job Offers

Highest Package **33 LPA**
Average Package **10 LPA**

10+ Industry scholarships

Value of Excellence

- Society Driven Education
- Translational skills
- Entrepreneurial thinking
- Multi-Disciplinarity
- Innovation & Critical Pedagogy
- Academic Integrity

* Programs accredited by NBA - BT, CV, E&EE, EV, IS, Mech, PST

Our Major MoU's



JSS Mahavidyapeetha
JSS Science and Technology University
JSS Technical Institutions Campus
Mysuru - 570 006, INDIA

Welcome to
*A Professional and Pleasant
Learning Centre of Excellence
in Clean City of India*

+91 2548 285 / 86 / 89
+91-9845488700
office@jssstuniv.in
www.jssstuniv.in



The ICFAI University, Dehradun



MERIT SCHOLARSHIPS
Based on qualifying examination marks & Semester-wise performance in respective programs

Highest Pay Package ₹ 18 Lakhs per annum

FEE CONCESSION
to Domicile Students of Uttarakhand

UG PROGRAMS
B.Tech. | B.Tech. (Lateral Entry)
BBA | BBA (FIA)
B.Ed. | LL.B.
BBA-LL.B. (Hons.) | BA-LL.B. (Hons.)

PG PROGRAMS
MBA | M.Tech. | LL.M. | Ph.D.

For Eligibility & Admission process, please visit www.iudehradun.edu.in

- ### FACILITIES
- Innovative Engineering Labs
 - Specialized Computer Labs
 - Texas Instruments Innovation Lab
 - E-Yantra Robotics Lab
 - Centre for Artificial Intelligence & Machine Learning
 - Virtual Lab Resource Center
 - Northern Region Hub of FOSS Projects
 - Moot Court and Legal Aid Cell
 - Soft Skills & English Language Labs
 - Wi-Fi enabled Campus
 - Seminar Halls and Auditorium
 - Well Stocked Library

The ICFAI University, Dehradun awarded

- **Best Private University** for Global Orientation, 2020 - 3rd Asia Pacific Education and Technology Awards.
- **Best Private University** for Industry 4.0 Linked in India, 2020 - 3rd Asia Pacific Education and Technology Awards.
- **Best State University** in Uttarakhand - UTU and Divya Himgiri at Uttarakhand Educator's Summit - 2019.
- **Best University** in North India for Outstanding Teaching and Innovation - Annual Excellence in Education Award - 2019.

ICFAI Law School Ranked **2nd** in Uttarakhand, **5th** in North India & **26th** at All India Level among the Private Law Colleges - The Week (Hansa Research) Survey 2019.

ICFAI Business School Awarded **Best Business School**, 2019 in Uttarakhand - UTU and Divya Himgiri at Uttarakhand Educator's Summit 2019.

ICFAI Tech School Rated **AAA+** among India's Best Engineering Colleges - Careers 360 Survey 2019.

PLACEMENTS

Amazon, Axis Bank, Bandhan Bank, BOSCH, BYJU's, CBRE, Centrum Housing Finance, Decathlon, Deloitte, Ernst & Young, HCL, HDFC Bank, HP, Hitachi, IBM, ICICI Bank, IDBI, Karvy Stock Broking, Khaitan, Mahindra, Micromax, Mindcrest, Quislex, S & P Capital IQ, Star News, Thomson Reuters, Times of India, Tommy Hilfiger, Wipro Infotech, Zomato Media.

Campus: Rajawala Road, Central Hope Town, Selaqui, Dehradun - 248 011.
Toll-free 1-800-120-8727; 1-800-599-0767. www.iudehradun.edu.in



• 11 Universities • 9 B-Schools • 7 Tech Schools • 7 Law Schools • 3 Decades in Flexible Learning

f/iudehradun.official

THE IDIOT'S GUIDE TO SHIRKING



The latest issue of **The New Yorker** has a cartoon with this caption: "Listen, when you give up, you can do anything!" This one is obviously a lampoon aimed to shame the shirker, the shammer, or the one who whines and avoids any responsibility. Such people are everywhere. I was one of this tribe once and I regret those times because there is a lot that I have lost.

Shirking is easy. As a GC at the IMA, I recollect having complained of everything from a knee pain to a muscle cramp simply to be told to stand on the edge of the PT ground while the rest of my course-mates sweated it out with jogs, runs, sprints, and other exercises. As a consequence, it was I who ended up being a struggler when it came to the BPETs and other tests. I lost. A lot. Years went by and I learned my lessons the hard way.

This example is just to let you know that shirking is as much a villainous menace in the education system as it is for doctors, engineers, or any other professional. Let me give you an example of a fictional Dr X who is a Class I Gazetted Officer posted in a college... and there are hundreds of people like him spread all over the our network of universities, colleges, and institutes. Teaching in a college, as we all know, is no longer just about ambling into a classroom and dictating stale notes year after year. There are tens of other allied duties that need attention and this includes everything from conducting examinations to overseeing purchases... from guiding students during activities to ensuring that the financial system runs smoothly... from managing schemes proposed by the ministries to routine management of action plans.

Let me digress a bit to tell you that magical intervention does not keep our cantonments always spick and span with everything running smoothly. The officers aren't simply wearing their starched uniforms with all the glamorous bits dangling from here and there, waiting for some war to begin somewhere. Every

officer is assigned duties ranging from administration to financial management and they accept and learn on the job and do all this besides looking after the fitness of their troops. Do they whine and say: 'This is not my job' or 'This isn't what I am paid for'? In comparison, most of our colleges and universities are a mess... and this is why the entire education system dithers and totters.

Shirkers like the fictional Dr X in this essay are the kind who are never willing to accept any allied duty... and when handed one, they whine, protest, cajole and threat. They bungle everything they are asked to do, as if proving that a steep learning curve disorients them. They stoop to every tactic known to them to be rid of any responsibility or accountability. Something tells me that the only thing they can do is filing RTIs and voicing grievances during meetings. All they understand is how to avoid work. Learning does not interest them. Can such people be trusted to teach? And anyway, what are they going to teach? All they have learned is the devious art of shirking.

There are hundreds of shirkers like Dr X strutting along the hallowed corridors of teaching temples... and it is time that they are asked to leave the art of teaching to those who understand and practice brilliance and diligence, those who aren't afraid of steep learning curves and those who willingly volunteer to accept responsibilities to keep an institution running as it must.

Those faculty members who strut around dressed like an idiot out to guide shirkers must finally make way for others because teaching in India is on the verge of a revolution!

Arvind Passey

Arvind Passey
arvind@theeducationpost.in
arvindpassey@gmail.com
Blog: <http://www.passey.info>

ITM UNIVERSITY
Gwalior • MP • India
"CELEBRATING DREAMS"

Curiosity is good

EARLY BIRD SCHOLARSHIP
For details, call @ 7773005063

WORLD CLASS VIRTUAL INFRASTRUCTURE TO ENABLE CONTINUOUS LEARNING IN ONLINE MODE

SPECIAL SCHOLARSHIP
FOR FAMILIES OF COVID19 WARRIORS AND AFFECTED

36468+ ONLINE LECTURES AND ACADEMIC ACTIVITIES DURING LOCKDOWN

49+ COMPANIES CONDUCTED ONLINE PLACEMENTS AND INTERNSHIP DRIVES AFTER LOCKDOWN

HIGHEST PACKAGE OF 10 Lac IS OFFERED DURING LOCKDOWN

FIRST IN MP TO ORGANISE ONLINE JOB FAIR DURING LOCKDOWN

SCHOLARSHIPS UPTO 100% FOR MERITORIOUS STUDENTS*

SCAN QR CODE FOR HOW WE FIGHT COVID19 & CAMPUS SAFETY ▶

Or Visit: shorturl.at/sAGLM

REGULAR INTERACTIONS OF EMINENT PERSONALITIES FROM VARIOUS FIELDS

ADMISSIONS OPEN 2020-21

ENGINEERING & TECH.
B.Tech./B.Tech.(H) CS (Data Science and Machine Learning/ Cloud Computing/Cyber Forensics) **Under Centre of Excellence** IT/Civil/Petroleum/ Agriculture/Mech./EE/EC/ Automobile
BCA(H)/BCA/MCA (2 years)
B.Tech. + M.Tech. (Int.)/B.Tech. + **MBA** (Int.) CS/Civil/ Mech./EC
M.Tech. CTM/Geotech/Structure Comm. Systems/Production/ CS/VLSI

MANAGEMENT, COMMERCE & FINANCIAL STUDIES
BBA/BBA(H)/BBA(H) Financial Markets/BBA(H) Data Sciences/ BBA pursuing Competitive Exam/ **B.Com./B.Com. (H)/B.Com. (H)** pursuing CA, CS & CMA/MBA Dual Specialization/ Supply Chain/Financial Markets (NSE)/ Agri Business/Sales and Marketing/ Hospital Mgmt./ Integrated Programs

ARCHITECTURE
B.Arch.

LAW
L.L.B./L.L.M./B.A. + L.L.B.(H) (Int.)/**B.Com. + L.L.B.(H)** (Int.)

SPORTS EDUCATION
B.P.E.S./M.P.E.S./B.P.Ed.
Post Graduate Diploma in Yoga

NURSING
B.Sc. Nursing/Post Basic B.Sc. Nursing/M.Sc. Nursing

SCIENCE
B.Sc./B.Sc.(H) Food Tech./ Microbiology/Biotech./ Biomedical Sciences/PCM/ CS/B.Optometry/B.Optometry (Lateral Entry)/**M.Sc.** Biotech./ Food Tech./Microbiology/ Petroleum/Physics/Chemistry/ Maths/**Diploma/Post Graduate Diploma** in Food Processing/ Environment Science

EDUCATION
B.Ed./BA + B.Ed. (Int.)/D.Ed.

PHARMACY
B.Pharm./B.Pharm. (Lateral Entry)/**M.Pharm./D.Pharm.**

LIBRARY & INFO. SCIENCE
B. Lib./M. Lib. (Info. Science)

JOURNALISM AND MASS COMMUNICATION
B.A. in Journalism and Mass Communication/
Post Graduate Diploma in Mobile Journalism/**Certificate Course** in Journalism/**BFA/MFA/BFA + MFA** (Integrated)/
Diploma in Fine Arts/
Certificate Course in Art Appreciation

ARTS & DESIGN
Diploma/B.Sc./M.Des. (Interior/ Fashion)

PARAMEDICAL
Bachelor in Physiotherapy (**BPT**)/**Diploma** in Anesthesia Technician/Refraction Optometry/**Certificate** in Operation Theatre Technician

AGRICULTURE
B.Sc. Agriculture/**M.Sc.** Agronomy/Horticulture/Plant Pathology & Soil Science/
Genetic Plant Breeding
Diploma Agriculture

100+ PROGRAMMES OFFERED

20 NATIONALITIES FROM ALL OVER THE WORLD

20+ GLOBAL ACADEMIC TIE-UPS

165+ ACRES LUSH GREEN CAMPUS

22368' ALUMNI ACROSS THE WORLD

12 Lac+ SQUARE FEET CONSTRUCTED AREA

87% OF TOTAL ELIGIBLE STUDENTS PLACED SO FAR

445+ MNC'S & CORPORATES VISITED

27 Lac HIGHEST PACKAGE OFFERED

5.5 Lac AVERAGE PACKAGE OFFERED

Placement details of ITM Group

Apply at <http://onlineapply.itmuniversity.ac.in> 9425308942, 7773005063

CAMPUS: NH-44, TURARI, GWALIOR (M.P.) - 474001 1800 270 0031 www.itmuniversity.ac.in

EDITOR

Arvind Passey

ART & GRAPHICS

Brij Mohan Singh

COVER PHOTO CREDIT

Arvind Passey

PHOTO

S.P. Singh

ONLINE EDITORIAL

Dr. Monika Vishwakarma

ADVERTISING

Vijender Joshi (North)

9818539997

Shrikant Rai (West)

9820053521

MARKETING HEAD - South Region

Ravi Kumar R.V.

9972529721, 9844872721

GOVERNMENT VERTICAL

(State Education Features)

Shrikant Rai

BUSINESS STRATEGIES, PROJECT ALLIANCES & EVENTS

Shiv S. Sharma

IT SUPPORT

Arpita Jain

CIRCULATION

Md. Azharuddin Ansari

9312332433

SAT SUKRIT MEDIA PVT. LTD.

Registered Office

Flat No. 103, UGF, Plot No. G-84, Sector-7,
Dwarka, New Delhi-110077 Phone: 011-25086952

Editorial & Marketing Office

119-A, 1st Floor, Somdutt Chambers-1,
Bhikaji Cama Place, New Delhi-110066.
Phone: 011-45604578

Advertisement / Circulation / Subscription Enquiries

119-A, 1st Floor, Somdutt Chambers-1,
Bhikaji Cama Place, New Delhi-110066.
Phone: 011-45604578, 9312332433, 9818539997
E-mail: shiv@theeducationpost.in

ADVISORY SUPPORT



www.worldacademicsfederation.org

Write Back

letter@theeducationpost.in

Printed and Published by Shiv Shankar Sharma
on behalf of SAT SUKRIT MEDIA PVT. LTD.
Printed at All Time Offset Printers, F-406, Sector-63,
Noida-201301 and published from Flat No. 103, UGF,
Plot No. G-84, Sector-7, Dwarka, New Delhi-110077

*All rights reserved. While all efforts are made to ensure that the information published/uploaded is accurate, authentic and up to date, that the company/publisher/editor holds no responsibility for any error that might occur. All material contained herein is though reliable, are not infallible.

CONTENTS

10

Cover Story

The NSEW of Education

Arvind Passey

15

World Peace
and Happiness

Dr. B.B. Das

18

Book Review

Arvind Passey

21

She Screams
Justice and Deterrence of Rape

Dr. Ryan Baidya & Dr. Anjali Kanojia

18

SOUTH INDIA THE HUB OF QUALITY EDUCATION

- **Bharath Institute of Higher Education and Research, Chennai**
- **Meenakshi Academy of Higher Education and Research, Chennai**
- **VIT Institute of Technology, Vellore**
- **TAPMI Manipal**
- **BNM Institute of Technology, Bangalore**
- **Loyola Institute of Business Management, Chennai**
- **Manipal Academy of Higher Education, Manipal**
- **Woxsen University, Hyderabad**
- **Sathyabama Institute of Science and Technology, Chennai**
- **Amrita Vishwa Vidyapeetham, Coimbatore**
- **Saveetha Engineering College, Chennai**
- **SDM College of Engineering and Technology, Dharwad**
- **SIT, Tumkur**
- **SRM Institute of Science and Technology, Chennai**
- **Great Lakes Institute of Management, Chennai**
- **Vidyavardhaka College of Engineering, Mysuru**
- **NITTE Meenakshi Institute of Technology, Bengaluru**
- **RV College of Engineering, Bengaluru**
- **PES University, Bengaluru**
- **BMS College of Engineering, Bengaluru**
- **REVA University, Bengaluru**
- **Karunya Institute of Technology and Sciences, Coimbatore**
- **Coimbatore Institute of Technology, Coimbatore**
- **Ramaiah Institute of Technology, Bengaluru**
- **JSS Institute of Science and Technology, Mysuru**

Learners Today. Leaders Tomorrow.



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956



BIHER - ADMISSIONS 2020 : **APPLY ONLINE**

AWARDS & ACCOLADES | INTERNATIONAL ACCREDITATION | GLOBAL TIE-UPS

B.Tech / M.Tech / Ph.D

Aeronautical Aerospace Automobile Civil Computer Science	Electrical & Electronics Electronics & Communication Information Technology Mechanical Mechatronics	B.Tech : Bio-Technology Courses Bio-Technology with Agriculture Bio-Technology with Genetics Bio-Medical Industrial Bio-Technology
--	---	---

B.Tech - CSE with Specialisation in AI & Machine Learning, Big Data Analytics.
With Minor : Robotics and Internet of Things

B.Tech - ECE with Specialisation in Image Processing and VLSI Design.
With Minor : Bio-Medical and Medical Electronics

B.Tech - Mech. with Specialisation in Safety Engineering, Automotive Engineering. With
Minor : Aero Space Engineering and Embedded Electronics.

B.Pharm. / D.Pharm.

B.Sc. Agriculture (Hons)

Architecture | Law | Management | Arts & Science

B.Sc.: Allied Health Sciences

Dream Offers for more than 80% of our students

 Bishal Banik amazon ₹ 27 LPA	 Bikki Kumar Sha amazon ₹ 15 LPA	 Merlin Praveen P BYJU'S ₹ 10 LPA	 Manoj Kumar Reddy toppr ₹ 6 LPA	 M Bhargavi TESSOLVE ₹ 6 LPA	 Kandi Mounika wipro ₹ 3.5 LPA
--	---	--	---	---------------------------------------	---

2020*

ONE OF THE MOST AWARDED UNIVERSITIES IN INDIA

IIRF - ENGINEERING RANKING 2020	National Cluster Rank* Survey / Perceptive Based	National Private Category Rank	FIRST TIME IN INDIA : NATIONAL IMPACT RANKING 2020	National Ranking 2020
Bharath Institute of Higher Education and Research (BIHER)	30	5	Bharath Institute of Higher Education and Research (BIHER)	9

INDIA'S GREATEST BRANDS 2019-20

NATIONAL EDUCATION EXCELLENCE AWARDS 2020

“ **MOST PREFERRED UNIVERSITY PROVIDING GLOBAL EXPOSURE** ”

1st Private University in India
obtained international accreditations from ABET, USA for 4 programs in the year 2018

Ranked as No.1 - 2017 & Ranked as No.2 - 2018
(Outreach and Inclusivity)

NATIONAL MAGAZINE **OUTLOOK** RANKED
BHARATH (BIHER) AS No.2 in India
(PVT DEEMED UNIVERSITY)

Admission Helpline
1800-419-1441
☎ 044 42115251

* For more details, please visit www.bharathuniv.ac.in

Approved by AICTE NAAC 'A' GRADE I-GAUGE GOLD

50+ NATIONAL & INTERNATIONAL AWARDS & RANKINGS



BHARATH'S GLOBAL CONNECT

USA UNIVERSITY OF NORTH CAROLINA	UK UNIVERSITY OF LEICESTER	RUSSIA URAL FEDERAL UNIVERSITY	MALAYSIA UNIVERSITY OF PETRONAS
--	--------------------------------------	--	---

ONE OF THE BEST MULTI STREAM UNIVERSITY IN INDIA | ENGINEERING & TECHNOLOGY | MEDICAL SCIENCE | DENTAL SCIENCE | NURSING | PHARMACY | ARTS & SCIENCE | MANAGEMENT | AGRICULTURE | LAW | ARCHITECTURE | PHYSIOTHERAPY

University Campus
173 Agharam Road
Selaiyur, Tambaram
Chennai 600 073
☎ 044-22290247

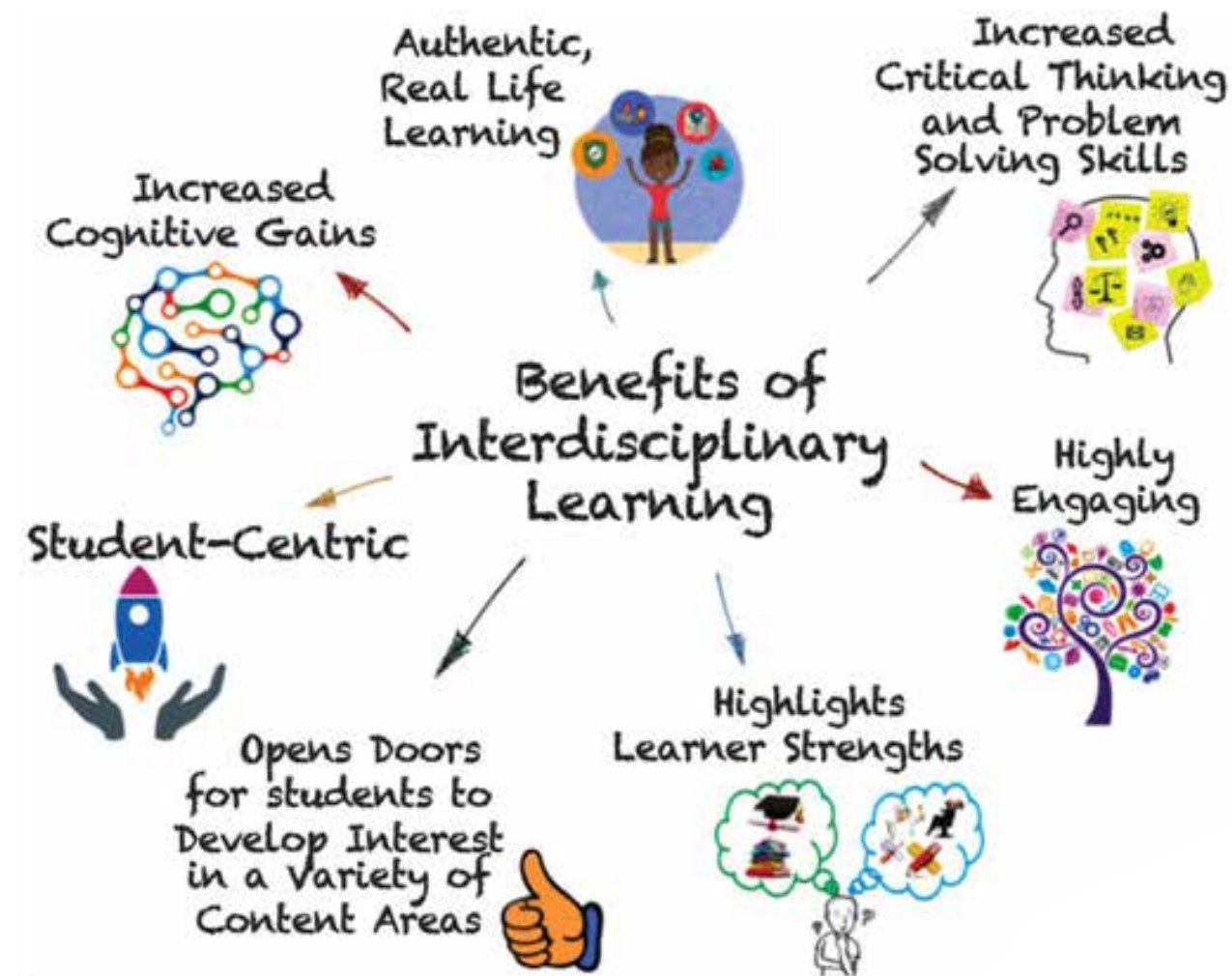
THE NSEW OF EDUCATION



Arvind Passey

E

ducation is a word that has many deep layers that not everyone understands. The word 'education' includes other concepts like 'inspirational' and 'useful' besides basic literacy and numeracy. Yes, education shoots up the earnings-premium of a person and one reports puts this figure at 70 percent when compared to those who do not have an education to boast about. Even school pass-outs have a much better earnings-premium attached to them and the same study places this at 30 percent as compared to school dropouts. This quote from 'The Wizard of Oz' helps put



this concept into the right perspective: 'Why, anybody can have a brain. That's a very mediocre commodity. Every pusillanimous creature that crawls on the Earth or slinks through slimy seas has a brain. Back where I come from, we have universities, seats of great learning, where men go to become great thinkers. And when they come out, they think deep thoughts and with no more brains than you have. But they have one thing you haven't got: a diploma.' Quite obviously, education is vital. However, the fact yet remains that most people remain confused as to what the real value of education is. The only certainty is that when education is neither inspirational nor useful, it ends up being tagged 'wasteful'.

What does 'wasteful' education really mean?

According to the economists, whenever education fails to **build human capital**, it can be termed wasteful.

This is because a lot of hard-earned resources go into whatever we call education today. If, despite all the expenditures involved, a child is unable to raise his or her earnings-potential, parents, and in certain cases even the society, start believing that education is wasteful.

Look at the sheer number of graduates milling around for mundane jobs. Look at even those who have some kind of a specialist education facing a similar fate. These are not wild and whirling words but based on news reports that are constantly shouting themselves hoarse about the pitiable state of employment these days.

Talking of expenditures, an article in the Financial Express a couple of years back mentioned a report by NSO that stated: 'About 70% of rural Indians are not able to complete 10th class education; the same number stands at over 40% for urban India. In higher education, only 1 in every ten Indians has a graduate degree and above. Pursuing a college degree in general

courses means average expenditure of Rs 5,240 per student in rural areas, and more than three times the rural average spends i.e., Rs 16,308 in urban areas. For those who choose to pursue medical degrees, the cost soars to over Rs 72,000 a year.'

Engineering courses need an investment that is way above 60,000 per year which goes up to nearly a lakh and fifty thousand per semester in premium institutes. The investment figures do not end here. There is the pre-course coaching fees, transport expenses, and other expenses that keep adding all the time. The fee for the new batch at any of the IIMs may need an investment that could go beyond the 25 lakhs mark easily. If the average rate of increase in investment for education is pegged at a mere 20 percent, there will be courses in premium institutes that may need a crore in another five to six years. These are mind-blowing figures because the investment in education just a decade back was a fraction of what it is today. The Financial Express report says that this is a 500 percent increase in 11 years. Compare these expenses with the earning potential of a majority of people in India and you'll be able to visualize why education needs to have a massive earnings-potential to remain viable.

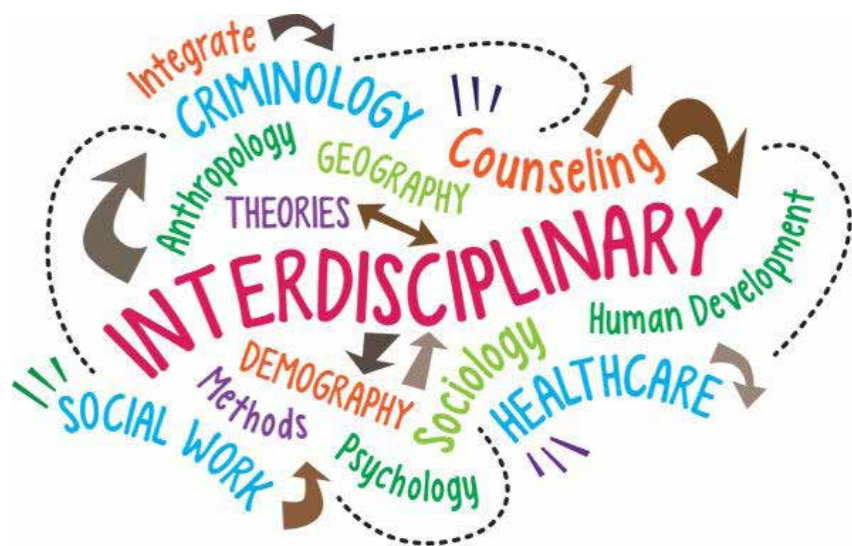
If our universities and colleges are concerned about the ROIs, so are parents and wards of students. It is with this in mind that the new education policy or the NEP 2020 has certain inclusions. One of them is the concept of **inter-disciplinary education** at all levels.

Do we understand what inter-disciplinary means?

The concept of inter-disciplinary education is all about expanding the mind to accept other subjects as vital for job readiness. For instance, the option of mathematical and statistical concepts even for medical graduates means adding skills that will help them with reasoning and real-world decisions. The truth, however, is that I have met plenty of teachers in engineering colleges who believe that mathematics isn't necessary at all and they even go ahead and call it an 'unnecessary distraction'. This is ridiculous because the concept of

inter-disciplinary education goes a step further to say that even English essays have the potential to teach a student critical thinking, assimilating diverse thoughts, and then reaching viable conclusions. Geometry isn't just about straight lines and curves that distract from a serious study of computer applications or electronics – it is full of concepts that impart the principles of logic. Studying new things isn't just about acquiring knowledge but more about learning how to think.

The concept of inter-disciplinary education



expands our minds, unlocks opportunities, and often leads to lucrative employment down the line. These new concepts are not mere distractions that can be done away with. Our universities and colleges need to understand how vital this concept really is. Going beyond the scope of the main subjects is what enhances our ability to deal with real-world situations and decisions.

The ability to accept the concept of healthy inter-disciplinary learning is what has the potential to pull up the status of a college or university. For instance, the industry today needs engineers who understand the mathematical and statistical elements to be able to analyse everything from conceptualizing strategies to positioning products. They also need people who understand the geo-political implications of decisions, the psychology of acceptance by the society, the economic layering of tactical insights... and I believe you get the drift. These are the inclusions that will not just build human capital but also raise the status of an institution in the eyes of the industry.



This cycle is rather simple. When the students are helped to go beyond their routine learning they help raise the status of their institution in the eyes of the employers from the industry. When this happens, there will be more and more students opting to study at this institution. Thus the ROIs that I had mentioned earlier, come into play. The one factor that still remains to be explained is the concept that raises the status of an institution in the eyes of the industry. That concept is called '**signalling**'.

What is signalling?

In his book 'The case against education', Bryan Caplan writes about the concept of **signalling** and its relevance to education. Bryan explains that investments in education can be productive and lucrative is the earnings-potential of a student goes up. The author then

points out that **signalling** is a concept that educational institutes need to understand because this is what bridges the gap between what the industry expects and what the colleges or the universities have the potential to give.

Bryan explains that '*even if what a student learned in school is utterly useless, employers will happily pay extra if their scholastic achievement provides information about their productivity. Suppose your law firm wants a summer associate. A law student with a Ph.D. in philosophy from Stanford applies. What do you infer? The applicant is probably brilliant, diligent, and willing to tolerate serious boredom.*' The qualities that employers want in the people they hire include diligence, brilliance, and the ability to also do things that may be routine ones and can easily cause fiscally damaging distractions. He claims that his 'signalling theory' works even in the cases of a 'significant fraction'. The factor of a 'significant fraction' indicates that at least a third of the students from that particular institution understand and have developed the power

of brilliance and diligence. This factor alone is enough to raise the status of an institution in the eyes of employers. Thus if even a third of the pass-outs make it to good positions in the industry, it serves its purpose. The remaining students, of course, certify labour quality and are never in demand.

Over a period of time we have seen how much and in what ways the intrinsic value of degrees has deteriorated. We have observed how the jobs that were well-tackled by B.Techs now have M.Techs or M.Phils or even PhDs mentioned in the recruitment rules or RRs. The truth is that this race needs to be curbed and according to Bryan's concept of signalling, employers in need of top-third workers will begin to opt for and appreciate a lesser degree if educational institutes begin to focus on producing at least a third of their students enrolled to go beyond the prescribed syllabus and are trained in everything that the employer needs. Bryan concludes that if this were indeed the case, *'the quality of labor would be certified about as accurately as now—at a cost savings of four years' of school or college per person.*

The truth is that once the focus shifts to facets in education that are needed by the industry or the employer, the **NSEW quotient** in education will cease to matter.

The NSEW quotient in education

We are living in times when employers often connect the brilliant and diligent students with directions. This is why a 'western education' or an education from the 'east' or 'south' or 'north' is connected to certain traits in demand. This is why direction had begun to matter so much. This sounds rather demeaning to the hard work that institutes in the other 'directions' keep doing and in ways does not give the correct picture. This is why we have had recruiters focusing more on directions than on the actual calibre of the students. This is something that has been going on for decades now. However, once the inter-disciplinary concepts sets in and colleges and universities realise that they need to uplift the overall standards of not just education but also the perceptions of the industry, the situation will change.

It is a mix of both subjective and objective facets that will finally be able to dissolve the NSEW quotient in education. After all, every recruiter wants to hire people with passion, motivation, teamwork,


competence, communication, flexibility, problem-solving, integrity, likability, and reliability... and these are factors that can easily be broadly clubbed under these two attributes:

- ◆ Brilliance in understanding and applying concepts
- ◆ Being diligent 24x7

How does this happen?

The process isn't half as complicated as it may sound. I will need to invoke the broad principles of NEP 2020 again because this policy does indeed have provisions that can pull up education in India to a global level. A focus on the inter-disciplinary theory needs to be cultivated with complete involvement because a surface tilling will not yield the right results. This is possible only when there is a focus on a continuous upgradation of information and knowledge for the faculty. Thus teacher training and the concept of training for the trainer are invaluable. Universities need to function like well-oiled corporate offices where every facet from punctuality to observers in classrooms is accepted because 'getting better' doesn't happen over-night.

Besides the features mentioned above, the concept of 'signalling' needs to be understood well. NEP 2020 mentions weeding out students who have less inclination for academic brilliance and care more for skills and vocations. It isn't as if a vocation-focus outcasts a person – in fact, it propels this person towards his level of excellence and prevents him from reaching a stage where he has no option but to flounder and drown. The aim of this weeding out exercise is to make sure that the one-third that remain there for a higher degree are the ones who redefine brilliance and diligence as the industry appreciates.

This process will give the country a one hundred percent of the one-third with the desirable higher education qualification... and also give one hundred percent of those who will have developed some skill that is just as much in demand. Believe me, this is not as harsh as it sounds in theory. In simple mathematics why have just 30 super-achievers out 100 when one can advance all 100 as super-achievers in their own area of expertise... though 70 of them will not be emerging from their student days as people with higher degrees. This is far better than living with the stigma of having 70 under-achievers in the university, right? Reaching for global standards needs this. 



Dr. B.B. Das

WORLD PEACE AND HAPPINESS



The human mind has always been enthusiastically engaged in exploring the unknown facts about the Universe and to find out its Creator. This unending craving is from time-immemorial and continuing from civilisation to civilisation. The present civilization is not any exception. The ancient civilisation followed spiritual path to understand the hidden truth. Others, tried to find the answer based on their calculated predictions. Presently, it is being pursued through scientific research linked with technological marvel to unfold the mystery of the Creation and its Creator.

Through science and technology, the modern world is trying to find way out to eliminate human sufferings and also to provide enduring comforts. It also empowers mankind to fulfil their aspirations in every field of their activities. The objective is to cross over the boundary of the nature and its uncertainties.

In spite of all round progress made so far, human beings are yet to attain peace and happiness. What the

happiness is, and how to achieve it, is the prevailing question in every one's mind. If happiness is the state of mind and it has to be imbibed within, then how to go about it. Why are we directing our energy and resources to create a developed world for this purpose? Why are we aspiring to explore different planets when millions of people are deprived of basic needs on the earth? The massive expenditure on space programs may be to fulfil our desire for exploring space as part of our scientific pursuit. Are we going to find solutions to our compounding problems in the space? In fact, the growing scientific explorations are the cause of despair for mankind.

Gautama Buddha proclaimed that the human desires are the cause of unhappiness and misery. As we build up our desires, it impinges more and more discontent and unhappiness. The art of contentment may be the path to reach happiness. Any amount of wealth and comfort has not been able to provide the real happiness. But knowledge is considered to be the guiding factor for attaining happiness in life. As knowledge can only enable realisation of true purpose of the life by removing the illusion of ignorance.

The beautiful nature around us is the divine gift to dwell happily. What is required is to align ourselves with its seasonal course of variations. But today, we have no time to behold the splendour of nature to derive happiness.

The dominating materialistic world is guiding us towards an artificially created environment. Instead of realising the heavenly gift in the nature, we consider as if we have come a long way to overpower the nature.

The aspiration to be developed has landed us to experience the surge of population, global warming, harmful pollution, degradation of peoples' health and their life expectancy etc. Many more adverse effects of our developments can be cited. The modern science has failed to prevent natural calamities and also to save mankind from growing diseases. As world attaining more and more advance in the field of science and technology, more serious problems are emerging. The human sufferings are increasing rather than dipping down.

The human relation is fast getting incoherent causing serious social problems. Our communication process has become machine-driven without personal and emotional touch. The family bond is deteriorating day by day. Consequently our age old cohesive lifestyle is affected adversely. It may create serious social problems for the future generation.

The present world is engaged in war of different kinds with varied intensity. The continuous development of modern war equipment and systems is mounting fear of conflict, war, devastation, and ultimately threatening the peace and happiness of the population of the entire world.


Resources are depleting but there is no end to population rise and their growing demands. The downtrend in economic growth is causing anxiety for all countries. Immigration and Migration are the impending problems. Religious domination associated with terrorist activities has endangered the peaceful existence of the entire humanity. At the same time, the exploitation by developed countries increasing economic imbalance and associated problems for other countries. Ultimately the global objective towards a peaceful and cosecant world is jeopardised.

Human stress level is rising fast causing physical and mental complications. Unable to cope with such conditions, people are searching for suitable person who can guide them and show the path to peaceful living. Therefore, many Spiritual Gurus have emerged to exploit human sentiments in the process of providing mental peace.

What is the purpose of our aspiration for developments, if finally we are unable to achieve happiness? Why cannot we utilise our knowledge and resources for the uplift of poor people and create a world encircled with love, sacrifice and mutual understanding. Why cannot we share our wealth for enhancing human happiness rather satisfying selfish motives?

Can we possibly spread the sense of love that can bind us as brothers and sisters? And to realise the divinity that can tie the world population as one family by sharing mutual happiness and sorrow?

It is through love, understanding and concern for each other, regardless of our differences, can only pave way for creating a world of peace and happiness. All human efforts should therefore be directed towards achieving long-lasting happiness, and peaceful living in the world.

The world is, therefore, looking for a collective leadership that can establish peace and harmony. It is the responsibility of world leaders to work together for achieving human happiness. However, someone has to take the lead in directing world attention towards building a cohesive and harmonious environment that can instil peace and happiness. Under no circumstances human race can prosper by instigating war and hankering for domination. 

FORE-FWA Academia & Industry, Post Pandemic New Learning and Implications

Eminent academicians and industry practitioners deliberated the implications of the COVID 19 pandemic and its impacts on how the learning could collectively help in restructuring education system and move ahead. The webinar on "*Academia & Industry Post Pandemic: New Learnings and Implications*" was organised by FORE School of Management, New Delhi in association with Federation for World Academics (FWA).

Dr. Jitendra K. Das, Director, FORE School of Management, New Delhi, was the session moderator of the webinar. He presented B-school's perspective and said that while everything is in online mode, people adapting to technologies faster will mitigate on missing-out of the learning experiences. Citing a few initiatives taken up at FORE School of Management which resulted in a steep learning curve, Dr. Das said this will ensure continuity for both freshers and final year management students and the experience will lead to better interactions post COVID period. "Along with innovation in pedagogy, transformation in teaching methodology, evolution in examination pattern is required", he said.

Speaking on 'Atmanirbhar Bharat', and Industry 4.0, Dr. Das, said, "I would like to call this 'Industry A.B (i.e Atmanirbhar Bharat), which should focus on manufacturing within the country while decentralizing the manufacturing units and spreading the entire process of MSME sectors in the different districts or towns.

More than 250 attendees participated in this conference. The eminent dignitaries who shared their views were -

Mr. Avadhesh Dixit, CHRO at Acuity and **Mr. Mussarat Hussain**, Head-Leadership and HR Transformation at Maruti Suzuki, agreed upon the fact that despondency should not be the default reaction since many sectors are doing extremely well and the various policy countermeasures are likely to lead to significant growth in India by 2022-23. 'Cognitive flexibility'

is helping organizations and employees 'from moving away from controlling to empowering' during the work from home period.

Mr. Harjeet Khanduja, Vice President, HR at Reliance JIO mentioned that predicting for the future and preparing for the future are different things and we should focus on the latter and not the former.

Ms. Saswati Sinha, Head-Human Resources at Cheil India (Samsung Group) said organisations should be responsible and take care of the safety & health aspects of employees and their loved ones which is critical during this pandemic and an additional stress during these work-from-home days. She also stressed upon the importance of 're-skilling' and 'value addition' in the existing roles as law of continuation or 'doing whatever one was doing' will soon be redundant.

Mr. Vikas Dua, Chief HR mentor at Attayn presented the perspective of the ITES and BPO industries emphasized close supervision of workers, which has now changed with work from home. From direct 'command and control to remote control' thorough automation are important developments of the pandemic.

Dr. Irfan A Rizvi, Member, FWA, and Professor at IMI, New Delhi echoed the perspective that making predictions about the future without preparing for scenarios is futile. Citing historical pandemic situations like the Spanish Flu, Dr. Rizvi said, "Human Beings have proved time and again that they are capable of adapting and evolving whenever survival was under threat".

On this note Dr. Das added that while the institutes enjoy a certain degree of lead time when it comes to adaptability, students need to adapt fast as it is time bound for them.

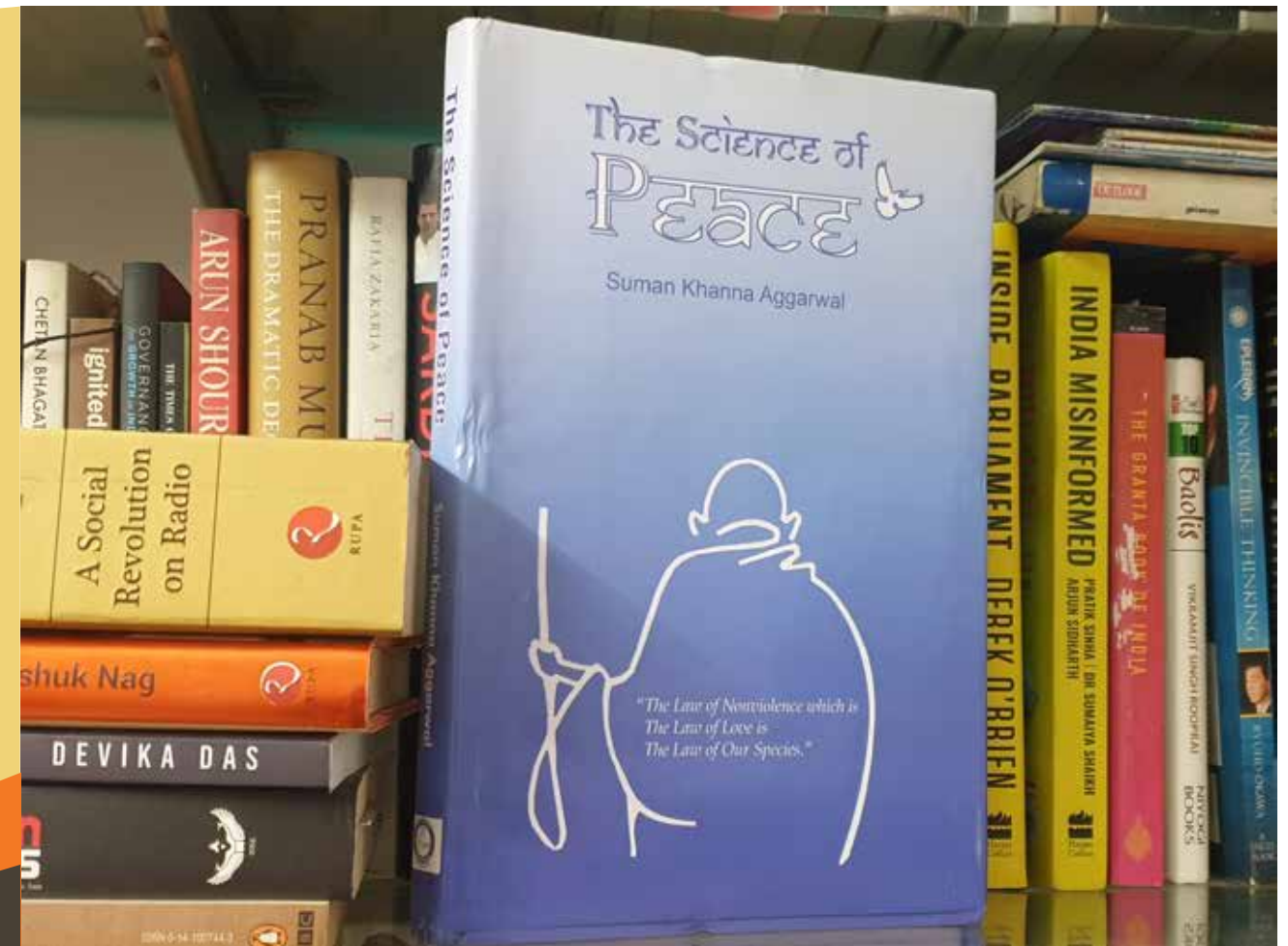
The webinar provided much needed hope and optimism in a time of confusion.



Arvind Passey

TURNING THE OTHER CHEEK FOR ANOTHER SLAP

If Gandhi-ism is about turning the other cheek for another slap, I am sure the fundamentalists, the terrorists, the arsonists, the agitators, the rioters, the criminals, and even the hooligans and violators are going to smile and wish every law enforcement personnel steps out in white dhotis and a few mild words every time they are out with their agendas of torching the world. What I have just expressed is the way a lot of people think and believe. Quite obviously, **Suman Khanna Aggarwal** thinks differently and so does her book '**The science of peace**'. If I were asked to talk about this book in just a sentence or two, I'd simply ask you to replace mistrust and aggression with trust and love... and might go further to spell out what principled non-violence, non-violence of the brave, and non-violence as a creed really say.



This non-fiction book, published by *Shanti Sahyog Centre for Peace and Conflict Resolution (SS CPCR)*, is a well-researched book on non-violence and the myriad nuances of this notion. I have used the word 'notion' because non-violence is yet to become a habit for mankind. The book discusses conflict and the various forms in which it appears around us. Not surprisingly, the book merges concepts of violence and war to take a reader to the next logical step of *ahimsa* and the science and practice tagged to it. From here, one enters the third section of the book where *satyagraha* or non-violent direct action gets attention. The final section is on the formats of power paradigms prevalent today.

A perceptive understanding of conflict is helpful as '*non-violence and a grounding in truth is more transformative, and in the end is far more effective than a reliance on force and militarism*' writes *Richard Falk* from Princeton University in the foreword. Richard Falk goes on to mention Gandhi's '*coherent, ethically sublime radicalism*' that is relevant while searching

for solutions to a wide range of problems in the world today. Gandhi's radical model, I believe, has elements that still carry that scintilla of emotive logic so essential while dealing with '*inter-civilization co-operation of global scope*'. According to the author, this book is '*an easy self-help manual to those who seek a clear understanding of Gandhi's thought and practice*'. This is one reason why this review makes a lot of sense in the current month when the world celebrates Gandhi Jayanti.

Conflict is a rather invasive phenomenon because it isn't just about clashes taking place on some border far, far away but is all around us in the form of beliefs, values, interests, mindsets, attitudes, upbringing, and ways of thinking. Gandhi, in fact, went a step ahead and explained that '*the truth that we see is relative, many-sided, plural and is the whole truth for a given time*'. Our absolute truth, therefore, is based on our own '*limited, subjective experience*' though '*the real problem is not differing opinions or conflict but the*

way we handle our differences'. It is at this stage that conflict resolution can become violent or choose to remain non-violent. Gandhi has a word on this as well when he writes that *'just as a scientist will work wonders out of various applications of the laws of nature, even so a man who applies the law of love (non-violence) with scientific precision can work great wonders'*. We are already aware that the Mahatama believed that living with others amicably is the right way to evolve.


Whenever conflict decides to seek the violent way as a means of redressal, the result can be damaging on multiple planes that include the mental, emotional, psychological, subtle, structural, cultural, and even spiritual. The end result is obviously disruptive, and this may happen even in cases where *'the intention to perpetrate violence'* is not the initial motive. This simply means that it is intention that always needs to be ushered in or chaperoned towards the right direction. The book goes on to talk about violence and its implications on a lot of facets including ecology though the author hasn't given as many examples or instances as a discerning reader would have appreciated. For instance, while discussing commitment to an eco-friendly lifestyle, the author dismisses it by recommending *'simple steps, such as consciously limiting the waste we produce and finding reusable alternatives to one-time disposable products'*. This sounds inadequate and more like a shallow blast in the preacher's mode. However, we need to understand that this isn't the real motive behind the book.

Is there a defined motive behind writing this book?

Well, as the author has mentioned in the later pages, the primary aim of her organization and this book is *'to politically legitimize non-violence as an instrument of conflict resolution'*, though she mysteriously also adds that this must be done *'without abandoning the present military defense'* and that *'a parallel non-violent defense be instituted in national defense systems globally'*. The whole idea is somewhat confusing because the author, in a way, does not want to recommend non-violence to tackle the military aggression of our neighboring countries but at the same time wonders *'why (do) we allow ourselves to be used as cannon fodder by our respective governments?'* Well, no one really promotes the 'an eye for an eye' kind of solution to any complex geo-political issue as a pride of non-violent diplomatic stances precede any military solution anyway but comparing budgetary allocations

to the military with poverty alleviation does not sound logical. Our history tells us that every time this country has been invaded by armies from other parts of the world, it is our people who had to face economic hardships whenever our military strength was weak. Thus, quoting Manoj Joshi from his 2003 article to point out that having a military budget outlay of 70,000 crore annually when *'40% of the population lives below the poverty line and almost 60% with no formal schooling'* needs a Gandhian intervention seems like a proposition inviting foreign armies to once again plan an invasion. I say this because we are as secure as we are because we care to be secure. By the way, a military budget is not about just purchasing Rafales and the latest field guns but as much about giving internal security and even disaster management a real chance to make life better. I say this as this book talks about *'198 non-violent tactics and at least 24 successful examples in the history of non-violent action'* with the former not being listed at all anywhere in the book. With this perspective in place, one is tempted to believe that there must be some other motive besides spreading the message of good and wholesome Gandhi-ism. However, though this uneasy feeling persists, I am sure there is no hidden agenda but simply a heartfelt appreciation of the works and life of Gandhi.

Some of the really intensively informative parts of the book are those that tell us about structural, cultural, subtle, sexual, mental, and spiritual violence... and this is one section where the book discovers what connects contemporary concerns with Gandhi's writings from decades back. The book is an apt reminder of the fact that Gandhian thoughts have not ceased to be relevant... though one may warn here that a vested interpretation can always manage to destroy the essence or truth of what he wrote. Gandhi did not write for just his time but knew in his heart that his writing will continue to inspire future generations.

This book, let me admit, is one that must be read again and again and has bits of educated awareness popping out of it every time one opens any of the pages. One of the good things about this book is that after the first reading, one can open any of the chapters and do a read-through for a deeper appreciation... and this is precisely what I have been doing these past few days. 

Book details:

Title: The science of peace
Author: Suman Khanna Aggarwal
Publisher: SS CPRC
ISBN: 978-81-7139-738-9



Ryan Baidya, Ph.D
 Strategist, Entrepreneur and
 Mentor, California



Anjali Kanojia, Ph.D
 Aizen Institute,
 Houston, TX, USA

SHE SCREAMS

JUSTICE AND DETERRENCE OF RAPE



India is a booming economy. An ancient civilization rich in traditions, India is often in the news for crime against women. Rape is one cultural issue which is plaguing this fast-growing nation and strict and quick actions need to be taken in order to stop this problem from growing into a further menace.

She Screams every 15 minutes in India

Not a single day passes by without a report of rape at somewhere in India. Thanks to digital media tools and apps, we now get to see our face clearly every moment wherever, whenever.

In India, someone somewhere is violating a women's dignity every 15 minutes (Ministry of Home Affairs report 2018). Every year thousands of women report rape cases to the police and an equal or more cases never been reported. According to National Crime Record Bureau (NCRB), women reported 34,000 rapes in 2018, which is nearly the same number of rape cases reported in 2017. In addition, 237,660 cognizable cases were registered in 2018.

Savagery and brutality of many of those rape cases are unthinkable. Very recent cases of Disha Saliyan (Bollywood), a Veterinarian (Hyderabad), Nirbhaya (New Delhi), Singur (West Bengal), Baran (Rajasthan) and Hathras (Uttar Pradesh), are some of instances which have been recently covered by the media while thousands go unreported and uncovered.

Rape not only violates a women's dignity but also it reduces her to a level of a usable article of trade. And, if the perpetrator has means, power, access to power, or means to buy power, the perpetrator feels every object and every human being is a commodity. This must stop if we wish to call our surrounding a society, instead of a jungle. In a jungle everything and everybeing is a commodity if you have physical power.

Power, Politics and Money Violated her under the Largest Democratic Umbrella

A key reason why rape cases are so poorly investigated and prosecuted in India is due to the political power structures conforming to deeply bureaucratic, submissive and yielding to political and monetary power law-and-order system. Several recent cases reinforce this, for example, the Kuldeep Singh Sengar case – Sengar is a former member of the legislative assembly and has been convicted of rape, murder and criminal conspiracy. Crimes against women are often taken less seriously, and investigated by police lacking in sensitivity. This has been the issue with Disha Saliyan's case (Mumbai).

As a result of the 2012 Delhi gang rape case (aka Nirbhaya), the Indian government implemented a fast-track court system to rapidly prosecute rape cases. The fast-track court system has been welcomed by some, but their fairness questioned by legal experts. There are very few forensic labs in the country, and fast-track courts have very few judges to tackle 34,000 cases and piling more by the minutes. For example, Indian courts disposed of only about 18,300 cases related to rape that year, leaving more than 127,800 cases pending at the end of 2017.

This is a War against your daughter, sister and mother. What will you do, India? What you have been doing is not working, and data proves it. There needs to be a simple, effective, powerful, transparent and accountable system of deterrent of future rape crime at any part of India. This article proposes one such system. The Home Minister and his executive office may develop similar or more robust and stronger deterrent system and programs for Rape crimes against women in India.

A Strategic Plan for Deterrence

Disasters often lead to creation of agencies. Example – the National Investigation Agency in India was formed in 2009 to create terror-related crimes across states without permission or interference from states. The Department of Homeland Security was created in the U.S. after the 9/11 attacks as a federal executive department responsible for public security. Lean, bureaucratic institutions can be created to deal with rape crimes. This brief discusses setting up an institution with authority and power to deal with rape crimes in India. The institution's actions, response time, delivery of justice, protection of victims, etc., will be in such manner that every act and justice delivered will serve as a deterrent.

Rape is a crime, a war against daughters, sisters and mothers. One thing which enables perpetrators from getting away with a heinous crime such as rape is the lethargic and antiquated judicial system which is not devoid of the influences of the political masters of the time and/or underworld threats. This piece provides policy prescriptions to the current epidemic or seeming pandemic which is affecting women in Indian society.

Governments often take wartime measures when faced with epidemics and pandemics and the Central government needs to take charge of this issue. The local and state responses are often mired in regionally sensitive and/or corruption and therefore the Central government needs to take charge of the issue from the moment a rape is reported. Reporting can be done at the local level but a network ought to be set up where a team of people at the Central level are notified of the problem in real time - An accessible central database system that can be logged into by the respective authority from anywhere. When a report



is filed, the appropriate teams get alerted right away. The report and inquiry can only be printed from the central database only. This process will give wider transparency to the process.

A Socio-Medico Pandemic

It is time to call as spade, a spade. Meaning, rape needs to be declared a pandemic level disaster. Rape is a socio-medical disaster and needs to be responded just like a government would respond to other disasters. State and local governments have their roles of course but the primary team of people in charge should be those from the Central government. Rape is a complicated issue and often the police and personnel at the local level are either ill-equipped or lack adequate training and resources to respond with urgency.

Make RAPE A Federal Crime with Exemplary Punishment

Rape is a serious issue. Rape needs to be declared a Federal crime so that it can be solved via the Federal or Central Government's apparatus. Declaring rape as a Federal crime also shows that all citizens will be treated in the same manner regardless of economic or social status. The problems seen via the the local level lens becomes murky with caste, religion, status, and other, political issues. However, treating this pandemic like a flood or hurricane or even Ebola like status will usher in speedy as well as a thorough response. One can look at emergency management or disaster response manuals and protocols to draft a plan for how the Central government – Home Ministry - ought to respond to a rape anywhere in the nation with the speed and urgency the problem deserves.



Engaging Rape Prevention and Mitigation Army (RPMA)

For example, once a rape is reported, the Central Government should intervene within 24 hours or sooner. A team – Rape Prevention Mitigation Army (RPMA) team should take charge and direct the local jurisdiction law enforcement to apprehend the perpetrator(s) and take every measure to protect the victim(s) and families. This crime should be investigated as a Capital crime and juveniles in rape cases should be defined as those who have not had their 12th birthday. We often see that juvenile records either get fudged or lost in a corrupt system without oversight and strict measures ought to be taken to identify those responsible for the rape crime.

War Time Trials

A trial-court should be set up within 25 kilometers of the victim's residence location so as to provide ease and facile accessibility to those involved as witness, etc. The trial should begin no later than 7 days after the crime has been committed and/or a perpetrator has been apprehended. If additional time is needed for research and analysis the perpetrator(s) should be kept in a detention center without any provision of bail or other interventions. The location of the detention center should be kept private and confidential for both, the benefit of the perpetrator as well as the victim. The media should not have firsthand access to potential witnesses or any individuals who have been identified as being crucial to the case in order to prevent confusion and mistrial.

One of the most important components of this mitigation strategy is to allocate wartime funds just as funds are allocated for natural disasters. The team, aka the army responsible for taking charge should be given an appropriate name such as the Rape Prevention and Mitigation Army (RPMA). This is crucial as oftentimes victims go to law enforcement to report rape and sometimes become victims of yet another rape given the lack of transparency in the system.

Establishing Rape Prevention and Mitigation Army (RPMA)

The composition of each RPMA should include professional judges as well as civilians, vetted social activists, academics, etc. These members should not be from the same state as the victim. A team of 207 initial members needs to be formed in order to cover 23 states and union territories. The wartime funds should include budgeting for two military/disaster style aircrafts which are equipped with all necessary medical and forensic equipment and resources as well as high-tech communication devices. Additional 3-5 helicopters can also be dedicated to transport the victims and those involved to secret locations for treatment or detention.

The trial team should not have any connection or relationship to the victim and should not be from the same state from where the crime was committed. The team members should not be related to friends, family, alumni, business and other economic interests connected to the perpetrators or the victim. This degree of impersonality will ensure efficiency and integrity in the trial process.

It is imperative that the RPMA team should not disclose their identity casually, and they should certainly not mingle or interact personally with the victim's or the perpetrator's families, friends or agents. The RPMA team should not give or take anything of value including services from the victim's or perpetrator's families, friends and agents.

Protection is essential for those involved in the crime. A team should guard the judges, investigators and the victim's family. About 500 personnel from the Central Reserve Police Force (CRPF), Army and Commandos can be allocated for protection duties. This protection is to ensure the importance associated with solving the problem of rape crime and it ought to act as a deterrent measure, not just protection. The RPMA trial team can consist of 9 main members and for each victim reported and the RPMA bureau could handle 23 incidences at any given time. The RPMA team can also take over pending issues and unresolved cases from the recent past when they are not responding to live incidences.


A spy Style Oversight RPMA (OSRPMA) Team

Oversight of the teams is necessary, and the regulation should be completely covert in nature.

Meaning, no one should have unfettered power and the Oversight team (OSRPMA) should observe each trial to ensure integrity of the process. The OSRPMA shall remain anonymous externally and internally, amongst the team. The OSRPMA team can consist of individuals from civil society, government, army, and retired officials who have undergone rigorous background checks and have proven clean personal and professional records.

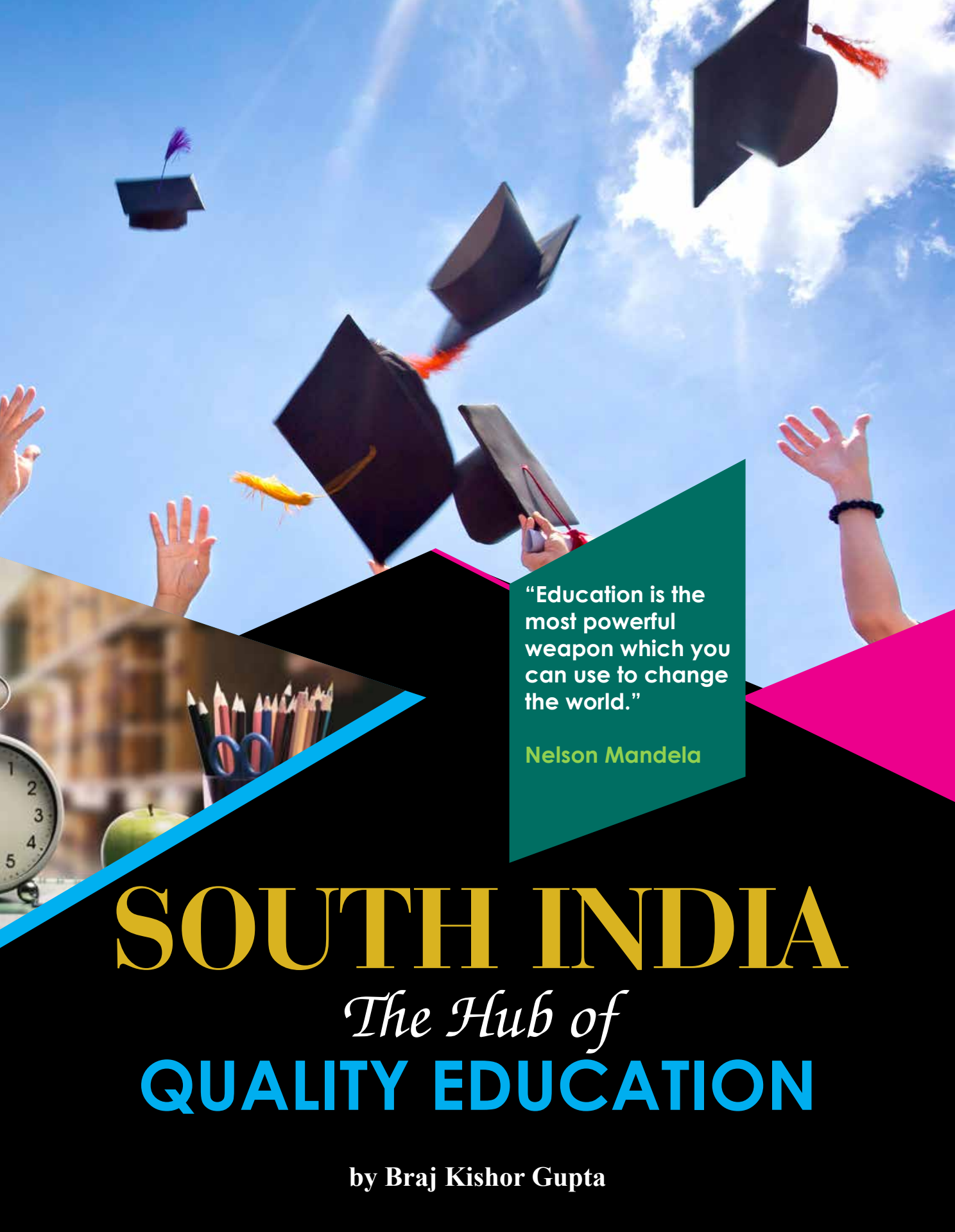
OSRPMA will not have any authority over RPMA and will not influence direction to RPMA. OSRPMA will only report to Home minister's office its finding of anomalies or wrong doings on RPMA's part. OSRPMA report shall be available through "Right to Information" act six months after OSRPMA submits its report. The Home Minister may make that report public anytime after it received.

In conclusion, it is absolutely necessary to take immediate action as rape crimes against women are increasing in number and perpetrated with unimaginable barbaric violence. India has been a land where women have been revered and worshipped as goddesses. It is imperative to cut through the current, ineffective judicial bureaucracy and backlog and build up the abovementioned institutional framework to deliver efficiency, integrity and transparency to the process. The RPMA, with oversight from the OSRPMA under the Home Minister can be easily implemented once a budget is allocated. The Government of India has the means, talent and the know-how of setting up effective institutions. Rape crimes are not endemic to India or the developing world; India can lead the rest of the world by example if they are successful in implementing the RPMA.

"A society that views women as a commodity is bound to breed Terrorism, Violence, Hatred, Tragedies, Fear and Death. The first and foremost criterion for success of a society is that women are accorded the high respect that they rightly deserve. Without that even the otherwise noble deeds would be fruitless." 

*Artworks by Pranab Phauzdar (www.phauzdar.com)

*View expressed by Authors are personal



“Education is the most powerful weapon which you can use to change the world.”
 Nelson Mandela

SOUTH INDIA

The Hub of

QUALITY EDUCATION

by Braj Kishor Gupta



QUALITY EDUCATION

Education is a great leveler for humankind and yet education during Covid-19 has suffered the most. People across the globe attach premium importance to education. But this acquires much greater significance, especially in India, where education serves as the most powerful tool for vertical mobility. In a recently conducted survey, it came to light that Indian parents are among the most generous lots to spend on the quality education of their children, particularly on studies like Medical, Engineering, Management, Architecture, Law and Media.

It is against this backdrop, South India emerges as the most sought after destination for the technical and professional educations in the country. There are umpteen reasons as to why parents feel comfortable sending their wards to places such as Mysore, Bengaluru, Chennai, Coimbatore, Tumkur and Hyderabad to pursue their higher studies. The hospitable socio-cultural environment, excellent transportation system, good infrastructure, English as the accepted medium of studies and ever pleasant climate are among many reasons that contribute towards the rise of South India as the educational hub in the country. In addition to these, academic excellence, job opportunities, branding strategies of different Institutions, timely completion of the courses could be viewed as some other contributing factors.

Let's have a cursory glance at some of educational institutions located in the southern parts of India that stand out by virtue of their impact on the stakeholders of Education. Let's understand their contributions in promoting academic excellence by analyzing their unique features as well as their best practices over the period of time.

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI



Academic Performance

As an autonomous institution Bharath Institute of Higher Education and Research (BIHER) Bharath Institute of Higher Education and Research (BIHER) provides multi-stream, multi-cultural and high quality education to nearly 10000 students from around the world. It is located in a sprawling area of 305 acres of land with 1.3 crore sq.ft. buildings located in 6 Campuses both in Tamil Nadu and Puducherry with the state of the art infrastructure facilities holds the pride of place among the prestigious institutions of Tamil Nadu. What sets it apart from other engineering colleges is its popularity among students not only from India but also overseas. Initially it had affiliation

from Madras University and Anna University respectively, now it is approved by UGC & AICTE”.

The university has all well qualified Teaching Faculty members to teach various UG and PG programs and to guide Ph.D. Research as per the statutory provisions.

There are many opportunities for the Research activities in the University. Efforts are made to promote innovation and quality in the collection of data statistics. The students and faculty members are encouraged to innovate through quality research in emerging areas.

It is heartening to note that BIHER boasts of being ranked by national Institutional Ranking Framework- Ministry of Human Resource

Development, Government of India- as no. 1 -2017 amongst all institutions in India for Outreach and Inclusivity, Ranked as no. 2 -2018 amongst all institutions in India for Outreach and Inclusivity, ranked as no.35, amongst all institutions in India in the Overall ranking category.

Vision

To support and augment an organized University- wide environment of research excellence where faculty are inspired and challenged to drive the boundaries of knowledge foundation. To motivate research leaders in India and around the world to partner with us in the expansion of knowledge discovery and the translation of discoveries into tangible benefits for society internationally. To be the voice of the research community at BIHER and

in all ways, ensure the optimal and effective use of intellectual, financial and physical resources to foster an environment of research excellence throughout the University.

Placement Performance

The college has a unique placement tradition wherein students are encouraged to seek the opportunities and enhance their skill sets. The Placement and Training Cell believes in encouraging the students to go for entrepreneurial ventures which could benefit the students as well as society.

It's a matter of satisfaction that Bharath Institute of Science and Technology (Deemed to be University) attracts over 450+ recruiters from various domains of companies providing a wide spectrum of opportunities.

MEENAKSHI ACADEMY OF HIGHER EDUCATION AND RESEARCH, CHENNAI



Thanks to the founder late Mrs. D. Meenakshi Ammal, a noted philanthropist that Meenakshi Academy of Higher Education and Research popularly known as MAHER (Deemed

to be University) in all National Educational Statutory bodies like NAAC, NIRF and UGC today stands out for imparting quality education especially to the poor and for its vision to continuously upgrade exemplary

standards in the quality of education and teaching, training, research and extension

Under MAHER we have following Constituent Institutions - Meenakshi Medical College Hospital and Research Institute, Meenakshi Ammal Dental College and Hospital, Meenakshi College of Nursing, Arulmigu Meenakshi College of Nursing, and the Faculty of Physiotherapy and Hospital.

In Chennai, the institute is known for its faculty members who are both from industry and academics. Each faculty member has his/her own niche of research under the umbrella of the thrust areas of research identified by the institution. MAHER has collaborative research programs with Madras Medical College, Frontier Life Line Hospital, Madras Medical Mission, Tamil Nadu Veterinary and Animal Sciences University and other Medical College Hospitals and Research Institutes.

With regard to placement, the management is very sensitive. Students are encouraged to learn skills as per the industry needs so that at the time of placement they don't struggle. College also

provides them pre placement training.

It's a matter of pride that MAHER over the period of time has received many Awards and Accolades for the academic achievements:

1. 2nd best private Medical in Tamil Nadu - selected our College as one of the Best Medical Institutes in the Country. DICE (Doctors Institute for Competitive Exams) in association with DIAMS (Delhi institute for Advanced Medical Studies) awarded MMCH&RI, Enathur, Kanchipuram, IInd Best Private Medical College in Tamilnadu on 25th March 2018, at MCC Matric Higher Secondary School, Chetpet, Chennai. Shri.O.Panneerselvam Honorable Deputy Chief Minister & Dr.Vijaya Baskar Minister of Health and Family Welfare, were the Chief Guests for the ceremony.
2. National institutional Ranking Framework (NIRF) - Meenakshi Academy of Higher Education and Research ranked 100 in University category
3. NAAC @AQR

in Science and Languages and Integrated Ph.D. programs in engineering disciplines are offered.

VIT offers a quality research training experience for its students. The Institute maintains its relevance to world-class research by linking with industry and business through local and international research networks.

VIT has strong international presence across the world and partnerships with over 300 foreign universities. VIT provides options to study 2 years at VIT and 2 years at a partner foreign university. One may also study a semester abroad or engage in international research collaboration.

VIT meets the expectations of Government organizations, research institutes, mission-critical organizations like Defence establishments, the Indian Space Research Organization (ISRO)

VIT INSTITUTE OF TECHNOLOGY, VELLORE

Vellore Institute of Technology (VIT) is a brand name in the field of higher education, known for its innovative practices and research oriented studies. The global standards set at VIT in the field of teaching and research motivate the students to go in for relentless pursuit of excellence. In fact, it has become a way of life for the learners. The highly motivated youngsters on the campus are a constant source of pride. The university has MOUs with various international universities leading to an exchange of students and faculty for joint research projects for the mutual benefit of these universities.

VIT Group of Institutions offer 51 undergraduate, 33 Postgraduate, 11 Integrated, 2 Research programs and 2 M.Tech Industrial Programs. In addition, full-time Ph.D. in Engineering and Management disciplines, Ph.D.



and Atomic Research centers. It has secured sponsorship for 50 research projects to the tune of Rs 100 million. VIT also offers consultancy services worth more than Rs 2.2 million to the Defence Research and Development Laboratory.

It is heartening to note that VIT applies every year for national/international ranking and accreditation, wherein one of the important assessment metrics is "Students' Progression"(Higher Studies and Placement).

The PAT center plays an integral role in creating the illustrious placement record of VIT. It ensures smooth functioning of the placement activities in the campus. With regard to placement, VIT remains unparalleled among the autonomous institutions of the country, as evident from the data below:

- ◆ 1630+ Dream Offers, 650+ Super Dream Offers
- ◆ 900+ Dream & Super Dream Internship offers
- ◆ 1306+ Regular Offers
- ◆ 7000+ Over all Offers
- ◆ Limca Book of Records for the 8th time

for unbeatable placement records.

- ◆ Highest CTC: 41.6 Lakhs per annum

In 2019-20 alone, PAT has brought more than 700 companies on campus for placements. Last year, the highest offer made was 41.6 lakhs per annum by Microsoft.

Vision of the Group

VIT has a large pool of dedicated and highly qualified academic staff. The institute believes in the power of every faculty to create an intellectually stimulating and learning experience for students, and in developing socially responsible citizens of the future.

Academic Excellence

- ❖ Recognized as an Institution of Eminence by Govt. of India.
- ❖ No. 1 Private University for Innovation as recognized by ARIIA, Govt. of India.
- ❖ Among the Top 3% of the world's universities as ranked by QS Global World Ranking.
- ❖ Ranked among the top 301 - 400 universities in the world for Computer Science, by The Times Higher Education World Ranking.

TAPMI MANIPAL



Academic Performance

The T.A. Pai Institute of Management is a well-known institute for its strong academic credentials, having high reputation and broad vision. TAPMI, well recognized for its students and faculty, develops leaders who can change the world. TAPMI has ranked among the 20 B-schools in the country. It is recognized by the All India Council for Technical Education (AICTE) and the Association of Indian Universities (AIU). TAPMI also accredited by the world's most recognized business accreditation, the Association to Advance Collegiate Schools of Business (AACSB). It is located in natural and serene environment in sprawling 44.11-acres of land in Manipal, Karnataka, It provides endless opportunities for growth with an integrated living and learning ambience. Its state of the art educational and residential facilities give students an edge over others.

As a matter of fact, TAPMI is one among the 7 institutes in India and 5% of the worldwide to have been accredited with the illustrious Association to Advance Collegiate Schools of Business (AACSB) accreditation, the oldest and toughest accreditation in the world of business education. It is also the

5th institution in India to have both the AACSB as well as Association of MBAs (AMBA) accreditation.

As regards the vision, students at TAPMI, focus on delivering thorough business knowledge to the learners, making them industry relevant right from the first day. We also believe in the power of experiential learning. Case study based teaching lessons, simulation games, Management in Practice (MIP), Brandscan, usage of Bloomberg and Reuter's terminals are a few engagements that take students beyond the four walls of the classroom and instill leadership qualities that in turn enable the students to tackle business challenges head-on.

Research is vital, here both for students and faculty. In fact, Research is central to the vision of TAPMI. We aspire to be one of the leading business schools in management research in India. We would like to be distinguished through creation of an enabling ecosystem for research work, training as well as facilitating outstanding researchers, and designing interventions yielding social, cultural and economic benefits to community. Research Vision: We aim to be among top 10 Business Schools in management research in India by 2022 Placement at TAPMI is seen as an opportunity to enable students to face

ever changing industry environment, inculcating in them traits such as commitment to business. They are also prepared to take advantage of a wide variety of resources and opportunities for corporate engagement.

What makes TAPMI so distinct in the field of management studies is focus on CSR activities. The T A Pai Management Institute (TAPMI) strives to be a global business school, with a mission of developing global wealth creators. The challenges of emerging

business models and the changing realities of the global business environment require global resources. TAPMI believes that today's business students and faculty must be sufficiently exposed to global markets as economic interdependence has gained eminence over geographic boundaries. We develop competent faculty and students to work in an increasingly interdependent world through specially designed international collaborative arrangements.

BNM INSTITUTE OF TECHNOLOGY, BANGALURU



BNM Institute of Technology located in the heart of garden city of India, is committed to spreading awareness about the progress and achievements of BNMIT, creating opportunities for current students and provide assistance to deserving students to excel in their professional life help them complete their education. It is affiliated to Visvesvaraya Technological University.

The management is particular about proving comfort and conducive environment where learning and teaching can take place without any disturbance

and distraction. With this end in view, the institute has good infrastructure such as: Auditorium with a seating capacity of 900 students. 2 Seminar Halls each having a seating capacity of 150 students. 1 Seminar Hall with a seating capacity of 200 students with conference meeting facilities. Computer Labs with 900+ updated systems which can support the conduction of online test for 300 students in a single slot. Dedicated internet bandwidth of 100 Mbps for each system. 2 Group Discussion Rooms & 5 Personal Interview Rooms.

The institute is known for promoting relationship

and as such remains in constant touch with its past students. Henry Ford made a valid point.

“Coming together is a beginning, staying together is progress and working together is success”

Teachers at BNMIT believe that today’s students are tomorrow’s alumni and they must be groomed well so that they will become true brand ambassadors of the institute. Alumni are encouraged to come back & interact with students. That is possible only when students can take pride in their association with institution.

The management is very serious about the placement of the students. As a result, lot of importance is given to the regular training and development of the learners. There is an independent placement and training cell that ensures 100% placement of the students. There is a provision for campus selection as well. The Department of Training & Placement

establishes contact with various industries to understand their job requirements and invites them for campus recruitment process every year. The students of BNMIT are recruited by several multinational and national organizations. They have always proved to be a great asset to the organizations wherever they have joined.

In order to make the students industry ready, the college conducts various activities from time to time like:

- ◆ Webinar series on “**Research Frontiers in Intelligent Computing**”
- ◆ Skill Development Program (SDP)
- ◆ It’s important to highlight that BNMIT gives a great deal of importance to the industry experience of the faculty. Because people from industry are in a better position to identify the gap that exists between the campus and corporate.

LOYOLA INSTITUTE OF BUSINESS ADMINISTRATION, CHENNAI



When we talk about premium business schools in India, the name of Loyola Institute of Business Administration (LIBA) would find a mention. It is known in Chennai in the beautiful coastal city of Chennai, the capital of Tamil Nadu, a state known for its historical significance and contributions in the field of art, culture and literature, especially during the Sangam Age. Important to highlight that this B-school was established in 1979 within the premises of Loyola College, to create authentic leaders and managers who could be ethical and value driven members in society. LIBA in fact, earnestly strives to inculcate among the students values such as co-operation, co-ordination, fair play and service to the society.

LIBA primarily offers a two-year Full-time PGDM course, approved by AICTE and recognized by AIU. It also offers other programs: Part-time PGDM (AICTE approved), Ph.D. (affiliated to the University of Madras) and one-year executive diploma programs. The Management Development Centre offers various customized programs (short-term and long-term) with a focus on skill development. LIBA concentrates on the holistic formation of students in all aspects viz., intellectual, social, emotional and spiritual.

Highlights

It’s a matter of pride to highlight that since the inception of LIBA, it has maintained a reputation of achieving 100% placements for its students. Highest

salary package of Rs 14 lakhs per annum. Median salary package of Rs 9 lakhs per annum. Students are placed in 13 different sectors. More than 50 companies participated in final placements.

This has been possible mainly because the broad outlook of the management which promotes creativity and innovation as reflected in the projects of the students. In fact as LIBA focuses on pursuing excellence with ethics, we view this formation as a deliberate approach to excellence, which means unusual goodness surpassing the ordinary to reach the heights of pristine standard of learning. That standard provides a unique and valued position in which a student feels (pathos) thinks (logos) and acts (ethos) in his or her circumstances based on values of goodness, truth and beauty. For excellence is not a skill but an attitude, which is nothing but a deep awareness of inner motivations, consolations, desolations, and intentions in what one says and does, what we call ‘self-conscious living.’

Therefore, LIBA students are competent, committed, creative and compassionate. When they join an organization they will commit themselves totally to enhance the quality and standard of that organization.

The beauty of the vision of this institute lies in its emphasis on achieving excellence in management by remaining ethical throughout.

“To be a premier management school focusing on excellence with ethics”.

MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL

Academic Performance

Manipal Academy of Higher Education commands huge respect for building a brand in the field of teaching learning professions. Today it has global impact as a result it boasts of having over 28,000 students from 57 different nations who live, learn and play in the sprawling University town, nestled on a plateau in Karnataka’s Udupi district. It also has nearly 2500 faculty and almost 10000 other support and service staff, who

cater to the various professional institutions in health sciences, engineering, management, communication and humanities.

The University has off-campus in Mangalore and Bangalore, and off-shore campuses in Dubai (UAE) and Melaka (Malaysia). The Mangalore campus offers medical, dental, and nursing programs. The Bangalore Campus offers programs in Regenerative Medicine. The Dubai campus offers programs in engineering, management and architecture, and the Melaka campus offers programs in medicine and dentistry.



Every institute stands out top class facilities and unique pedagogy, which are constantly reviewed and upgraded to reflect the latest trends and developments in higher education.

The Manipal Group, a pioneer in higher education services with a 60-year-old legacy of excellence, also owns and operates campuses in Sikkim and Jaipur in India, and in Nepal, Malaysia, and Antigua, in the Caribbean.

Part of the Manipal Group, the University is ISO 9001:2008 and ISO 14001: 2004 certified, and has won the prestigious IMC Ramkrishna Bajaj National Quality Award and the International Asia Pacific Quality Award in 2007- 2008.

MAHE continues to be the best private university in the country being ranked #1 by three prominent ranking agencies, The Week, India Today and Education World. The Week has ranked MAHE number one for the fourth time in a row and Education World, third consecutive year. There was a considerable improvement in the NIRF ranking as well -- moving seven places up to the 11th position from the 2017 ranking. Kasturba Medical College, Manipal and Mangalore too have done well in the rankings, particularly the NIRF. Manipal College of Pharmaceutical Sciences has maintained its seventh position in NIRF.

Manipal Academy of Higher Education is a globally engaged institution with active partnership with more than 220 leading universities around the globe, true to its vision:

“Global leadership in human development, excellence in education and healthcare.”

Research is accorded top priority and as such the Manipal Advanced Research Group (MARG) was formed in early 2006. Conceived as a specialized academic center of excellence built on a strong foundation of basic science, one of the primary goals of MARG is to incubate new research in the fundamental sciences and inter-disciplinary areas through innovative schemes and research programs.

Social Impact

Manipal Academy of Higher Education is a great votary for community empowerment and is therefore in the forefront when it comes to impacting Society. Following are some well-known projects where the students and faculty contribute towards the benefit of the needy in the community such as:

- ❑ Community Radio
- ❑ Manipal Arogya Suraksha
- ❑ Namma Angadi
- ❑ Rainwater Harvesting
- ❑ Social Welfare Committee
- ❑ Amchi Project

WOXSEN UNIVERSITY, HYDERABAD



Academic Performance

When it comes to career transformation, creating & building industries, nurturing entrepreneurial ventures Woxsen holds the pride of place among private institutions especially in the southern parts of the country. The recent survey carried out by various educational magazines suggests that this institute is making its mark on the basis of various parameters such as Academic Excellence, Placement Performance, Corporate Interface, Placement Strategies and Support, Teaching Learning Resources & Pedagogy and Future Orientation.

It is motivating that Woxsen University is Ranked 8th in the National IMPACT 2020 RANKING, Published in the Education Post. The ranking parameters included Social Impact, Well-Being Impact, and SDGs Impact & Brand Impact.

This institute takes inspiration from its lofty vision

To build an institution of excellence in higher learning led through disruption, develop a multi-cultural yet inclusive cohort of global professionals and contribute towards societal welfare.

The unique feature of Woxsen's faculty members and students is their focus on quality and innovation. They aspire to seek new knowledge and new practices for business. More importantly, the faculty members pursue excellence in thought leadership in fields related to new ventures and startups.

This is the reason Woxsen's graduates stand out for the knowledge and skills to be effective as game changing entrepreneurs and business leaders in today's ever changing business world.

Woxsen has the reputation of supporting several key centers for excellence that nurture research in areas related to new enterprise management.

This institute is envied for giving 100% placement to its students. Not only this, the institute keeps track-record of all the passed out students, showing readiness to assist them in all walks of life. The dedicated placement cell, works round the year to assist students with summer internships & final placements.

Faculty Excellence

Our Faculty consists of leading academicians, industry experts & entrepreneurs, drawn from across the world. Students can expect not just the latest research knowledge but also mentorship through the various stages of learning. Through a judicious mix of resident and visiting faculty, Woxsen brings together the best knowledge applicable to both the Indian and global contexts.

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI



Under the category a Christian Minority Institution, Sathyabama Institute of Science and Technology holds an enviable position. It is pretty well known as a premier institute imparting knowledge in the areas of engineering, science, technology and education. It speaks volumes of the contribution of the college that it got the status of a Deemed University. The University has been awarded as Category “A” University by Ministry of Human Resources Development (MHRD), Government of India and accredited by NAAC with Grade “A” in the year 2017, certified with DNV-GL ISO 9001 standard and offering exemplary education from last 29 years.

The Sathyabama Institute of Science and Technology (Deemed to be University) offers 27 programs at UG level and 41 programs at PG level in all disciplines. The institute has excellent infrastructure facilities including modern laboratories, library with multimedia facilities, internet and other general amenities. The university wrote a special page in the history of space research on 22nd June, 2016 with the launch of “SATHYABAMASAT” in association with ISRO.

What motivates the students and faculty alike is the motto is “together for better tomorrow” and our mantra of Success is “learn today and lead tomorrow”. We

practice and teach to our students that “joy of living is in joy of giving”.

Research is close to the heart of the university. The management is of the opinion that better society can be created only by ensuring better quality of research work. Centre for Research at **Sathyabama Institute of Science and Technology (Deemed to be University) offers Ph.D Program (Internal / External)**. Research is offered in multi various branches of Engineering, Technology and in Science and Humanities. This centre provides research opportunities to the aspiring candidates serving in Educational Institutions / Industries / Research Organizations / Research Laboratories and Government Departments. Centre for Research encourages the scholars to have collaborative projects with the University.

Placement Strategies

Placement truly plays an important role in the career and future growth of both students and the institutions. Keeping that in mind, the university has a full-fledged Placement cell of Sathyabama Institute of Science and Technology (Deemed to be University) that continuously monitors the employment opportunities available in various domains and arranges the campus interviews for the eligible students both at Under Graduate and Post Graduate level. As per the NASCOMM guidelines, the campus recruitment program commences after the end of Pre-Final semester examination. Training and opportunities are provided based on the interest and choice of the students. Once a candidate chooses between applying for IT companies or other Core companies, the right kind of exposure and training will be decided by the Placement Cell. The students are given an opportunity to learn from Industrial Experts towards development and innovation through Internship program. The students

are made proficient with the expectation of the industry. Many of them are given an opportunity to work in R&D sector as well.

Career Enhancement

In order to give a competitive edge to the students and keep them industry ready, various career enhancement programs are organized on a regular basis. The prime objective of these programs is to ensure that the students’ level of preparedness is enhanced. The training modules will be formulated to improve students’ skills like:

- ◆ Presentation Skills
- ◆ Listening Skills
- ◆ Interpersonal Skills
- ◆ Personal Grooming
- ◆ Brain Strain
- ◆ Aptly Reach
- ◆ Speed Mathematics
- ◆ Logical Reasoning
- ◆ Verbal Reasoning
- ◆ Creativity
- ◆ Planning & Goal Setting
- ◆ Time Management
- ◆ Personnel Counseling
- ◆ Vision

The vision of the university is always the source of inspiration and motivation. The vision of Sathyabama is:

“We envision to be an Effective and Competent Source of technical manpower for the current and future Industrial requirements”

AMRITA VISHWA VIDYAPEETHAM, COIMBATORE

Amrita Vishwa Vidyapeetham enjoys the unique reputation of being the youngest institution to be awarded with an ‘A’ grade by the National Assessment and Accreditation Council (NAAC), an autonomous body established in 1994 by

the University Grants Commission (UGC) of India to assess and accredit institutions of higher education in the country.

Amrita Vishwa Vidyapeetham personifies multi-



disciplinary academic excellence through the exceptional quality of its education system that is modern and comprehensive, with special emphasis on core human values.

Undergraduate, postgraduate and doctoral programmes are offered in Engineering, Business, Medicine, Dentistry, Pharmacy, Nursing, Journalism, Biotechnology, Information Technology, Arts and Sciences, Health Sciences, Teacher Education, Microbiology, Hospital Management, Visual Media Studies, Mass Communication, Social Work, Nanosciences and Ayurveda.

THE Young University Rankings 2019

It's a matter of huge satisfaction that In the 2019 edition of the annual rankings released, Amrita Vishwa Vidyapeetham was placed in the list of top 250 in Young University category.

THE Emerging Economics Rankings 2020

In the 2020 edition of the annual rankings released, Amrita Vishwa Vidyapeetham has been placed in the list of top 100 in Emerging Economics category. **Emerging Economics Rankings: 90**

The World University Rankings 2020

In the 2020 edition of the annual rankings released, Amrita Vishwa Vidyapeetham has been placed in the list of 601-800 category. The ranking

features universities in 70 countries and seventeen Indian higher education institutions have featured in the list of the world's best universities.

World University Rankings: 601-800

Amrita Vidyapeetham accords great significance to research work. Presently, research projects are in progress, such as:

PI: Dr. Gowtham R.

Research Area: New, Computer Science

Micronet - Mobile Infrastructure for Coastal Region Offshore Communications & Networks

PI: Dr. Maneesha V. Ramesh

Research Area: Wireless Networks

Cost Effective Device and Cloud Enabled Smart Solution for Diabetes Care

As regards the placement of the students, management ensures that the students are provided quality pre-placement training. They are trained in areas like verbal and non-verbal reasoning, aptitude test, group discussion, general knowledge and interview techniques. It is the responsibility of the placement cell that all students are provided assistance till they all get absorbed suitably.

SAVEETHA ENGINEERING COLLEGE, CHENNAI



Academic Performance

Saveetha Engineering College (SEC) located in the beautiful coastal city of Chennai is a favorite destination for students aspiring for various courses such as Civil, CSE, ECE, EEE, EIE, IT, Mechanical and Medical Electronics, Biomedical, Chemical, including MBA. SEC has been given the Autonomous Status by the UGC from the academic year 2019-2020. The vision of the college is source of motivation both for students and faculty.

“To be and to be recognized for setting the standard of excellence in engineering education and high quality research in Science and Technology.”

It is a matter of huge satisfaction that the institute ranked 96 among 7000+ Engineering Colleges in India by the National Institute Ranking Framework (NIRF) for the academic year 2017-18 among all IITs, Central, State and Private Institutions in India.

SEC was also awarded with ‘A’ Grade with a high score of 3.19 on a scale of 4 by the National Assessment and Accreditation Council (NAAC) for 5 Years.

Placement Drive

It is a positive development that despite the economic slowdown this college has been successful in giving proper placement to the students as is evident from the statistics:

- 96 % of 2020 passing out batch already placed.
- 250 plus Multinational Company visited our Campus for Placement
- 967 Students placed till now from the 2020 batch
- Highest CTC of Rs.16 Lakhs per annum
- More companies are in the queue to visit SEC Campus for Placement Drive.

CSR Activities

Latest events

Saveetha college of Engineering is driven by social commitment. Education becomes meaningful only when it positively impacts society. With this goal in mind, the institute conducts different programs from time to time, here is a glimpse of some of the programs conduct in the recent past.

Center for Micro Nano Design & Fabrication jointly with Dept. of ECE conducting Two Week Online Certificate Courses

MIND SPORT FOR ENGINEER

Department of ECE Conducting a WEBINAR on Image Processing - A Holistic Approach

SEC (Autonomous), conducting Webinar Series II, "Talent Show" for +2 Students

R & D Highlights

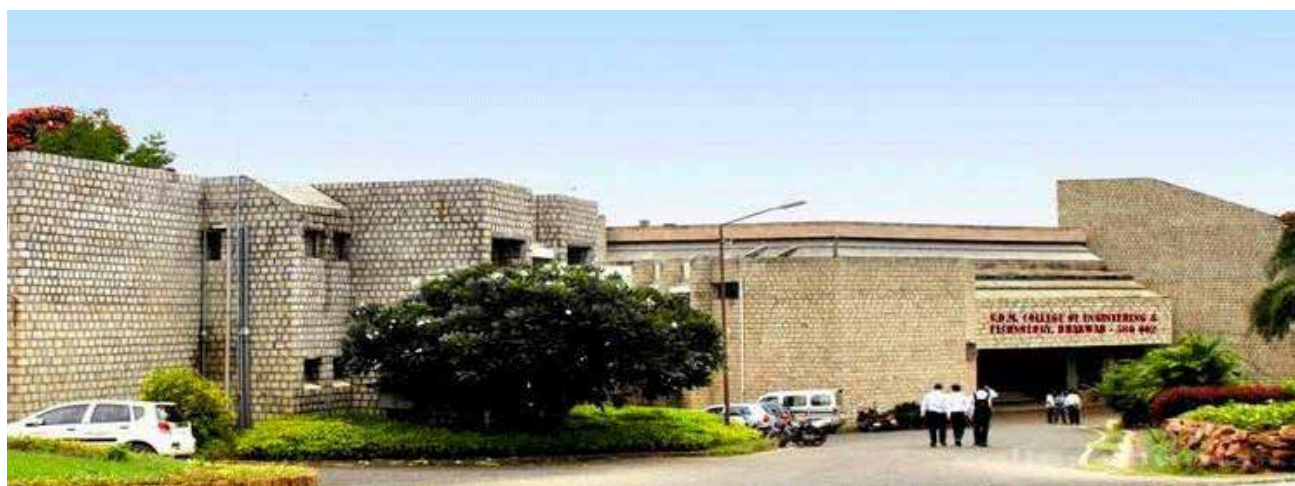
In this institute research is given due importance

and as such the college is popular as Research Oriented Ecosystem Campus. A cursory glance at the following research activities highlights the priority given to R & D.

10 Crores of funding from Board of Research in Nuclear Sciences (BRNS), Department of Scientific and Industrial Research (DSIR), Department of Science & Technology (DST), All India Council for Technical Education (AICTE), Council of Scientific & Industrial Research (CSIR) etc.

- State of Art Research Equipment's and Advanced Research Software's.
- 5 Anna University Recognized Research Centers and 10 Centers of Excellences
- DSIR -SIRO Recognized Research Centre
- MSME Recognized Business Incubation Centre
- Good number of Research Supervisors with Research Scholars
- 11 Patents filed and 1542 Publications

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD



Sri Dharmasthala Manjunatheshwara College of Engineering and Technology (also called SDMCET) is one of the oldest institutions

known for values and transparency. It is an autonomous private engineering college located in Dharwad which is affiliated under Visveswaraiiah Technological

University (VTU), Belgaum, Karnataka. The institution is approved by All India Council for Technical Education (AICTE).

It is one of the 14 institutions in Karnataka which got funded from World Bank under Technical Education Quality Improvement Program (TEQIP) - Phase I.

This college is able to inspire the students as well as teaching community by virtue of its broad outlook and vision.

"To develop competent professionals with human values"

Academic Performance

It is rightly said that sincerity and hard work never go in vain. This is quite evident from the recognition that the college received in the recent past.

- ◆ In 2018 it was ranked as the 53rd best engineering college in India
- ◆ The Week (Indian magazine) has ranked Shri Dharmasthala Manjunatheshwara College of Engineering and Technology as 67th among the best engineering colleges in India for the year 2019

Research work Project

Credit goes to the Management of this institute for its clarity and focus towards promoting research and innovation. The management is well aware that the dream of better and self-reliant India can be fulfilled only through research and development.

Development of research activities are rooted in SDMCET by visionary management policies like sending faculties to pursue their research studies under quality improvement programs(QIP) to IITs/NITs and deputing faculties for other QIP programs. Interaction and collaboration with foreign universities in UK and USA are the part of SDMCET research culture. Apart from this, the institute is being continuously encouraging faculties for postdoctoral fellowships at various national and international universities. Many elementary research projects at SDMCET have laid the foundation for strengthening knowledge that lead to applications over a period of time.

Placement Performance

The college conducts training in aptitude and soft skill development for students in final and pre-final year for their placement. On an average, every year more than 50 companies visit our campus and more than 80 % students are placed. We are striving to sustain our success and achieve more in the coming years. In fact, placement is given top priority among various schemes for the welfare of the students. The college has a full fledged placement cell which ensures that all students right from their forth semester start preparing for campus selection. From time to time industry experts are invited to interact with the students and helped them to understand the industry needs. Special classes are also organized for the weak candidates so as to help them to catch up with others.

SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR

Siddaganga Institute of Technology (SIT) holds the pride of place among the technological institutions located in Karnataka. Located in a small religious town Tumkur, about 70 kms away from Bangalore, this institute is run by the Sri Siddaganga Educational Society. The institute was established in 1963 is known for values and moral code of conduct. It offers undergraduate degree

courses in 12 disciplines. In addition, it runs post-graduates programs in 14 disciplines, including MBA and MCA courses, of the 14 departments, 12 belong to engineering disciplines, one each for Architecture and Management, three are the Science facilities. It has nearly 5000 students with a faculty strength of about 310. It became an autonomous institution under Visvesvaraya Technological University in 2007-08.



Research Activities

SIT Tumkur gives lots of importance to research and development activities. It's a proven fact that the quality of research in India suffers because of financial constraints. Keeping this in mind, the institute provides stipends to the research scholars both at PG and UG levels.

Deputation of Faculty for Ph.D programme

The provision financial as sistance to the faculty members to pursue Ph.D programme for a period of three years.

UG Research Component

To keep the students motivated, students undergoing this research program will be exempted from studying one Humanity Course and one Open Elective Course.

To motivate the faculty members to pursue research activities, the management provides incentives for publishing articles in

journals/conference which are indexed by Scopus/Web of Science databases, writing Books

Placement Performance

Siddaganga Institute of Technology was ranked 91 among engineering colleges by the National Institutional Ranking Framework (NIRF) in 2020.

Vision

To continuously strive for the total development of students by educating them in state-of-the-art-technologies and helping them imbibe professional ethics and societal commitment, so that they emerge as competent professionals to meet the global challenges.

SIT ranks not only as one of the oldest institutions but also for its professionalism. At a time when there is a decadence of values and ethics, society is in need of value driven institutions where character is molded and professional ethics are inculcated.

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI



SRM Institute of Science and Technology, is a deemed university is quite popular as a brand institution. Located in Kattankulathur, Chengalpattu, Tamil Nadu, it attract students in a large number from the northern parts of India. SRM Institute of Science and Technology includes six campuses, three in Tamil Nadu — Kattankulathur, Ramapuram and Vadapalani, one in NCR Delhi, one in Sikkim and one in Amaravati.

SRM Institute of Science and Technology is one of the top ranking universities in India with over 52,000 full time students and more than 3200 faculty across all the campuses - Kattankulathur, Ramapuram, Ramapuram Part (Vadapalani) – all in and around Chennai, and Modinagar, NCR, Delhi - offering a wide range of undergraduate, postgraduate and doctoral programs in six Faculties – Engineering & Technology, Management, Medicine & Health sciences, Science & Humanities, Law and Agricultural Sciences

Academic Performance

It is important to understand that academic performance is not only about doing well academically. Education is all about creating an environment of academic freedom, where bright minds meet, discover and learn, as was highlighted by Rabindra Nath Tagore.

SRM Institute of Science and Technology (formerly known as SRM University) - where you have the freedom to take wings. This is the reason that the university has done well in global ranking:

The QS World University Rankings ranked SRM Institute of Science and Technology 301-350 in Asia in 2020.

SRM Institute of Science and Technology ranked 29 among engineering colleges in India by India Today in 2020. The National Institutional Ranking Framework (NIRF) ranked it 36 in the engineering ranking in 2019,

19 in the pharmacy ranking, 32 among universities and 52 overall.

Research work Project

SRM university is known for its priorities towards achieving its excellence in education as well as in the field of research. There is a strict policy against plagiarism. This is to promote creativity and original work in research. True research is nothing but human quest for finding the truth.

SRM University is the preferred destination for top recruiters across India. SRM University, students get opportunities across a wide range of industries and companies visiting the campus every year with attractive salary packages and profiles to match students' expectations.

SRM University is of the firm believe that every institution must address the issues concerning communities. Social commitment must be the top priority of every institution. In this sense SRM university is utilizing resources by safe guarding the interest of communities. CSR is an integral part of all education activities. Here is a glimpse of some such activities:

ICAME 2020

Organized by Department of Mechanical Engineering, SRM Institute of Science and Technology

3rd International Conference on Advances in

Mechanical Engineering (ICAME – 2020)

National Conference on Artificial Intelligence and Intelligent Information Processing

Organised by the Department of Software Engineering, SRM Institute of Science and Technology, Kattankulathur.

National Conference on Artificial Intelligence and Intelligent Information Processing

Vision of the Group

The vision of SRN is very clear that is to:

Develop a fully connected, strong, SRM alumni community.

Faculty Performance

One of the unique features of SRM university is the selection of right faculty for the right discipline. The quality of any university depends on the quality of the faculty. Well qualified and experienced faculty members form the department. They specialize in structural, geotechnical, environmental, water resources, transportation, surveying, and construction engineering, as well as management, remote sensing and GIS. The faculty members contribute to academic development by publishing books and presenting papers in international and national conferences. The labs are well equipped with state of the art equipment.

GREAT LAKES INSTITUTE OF MANAGEMENT, CHENNAI

Academic Performance

Great Lakes Institute of Management (also known as Great Lakes or GLIM) is one of the most prestigious private business schools located in the capital city of Tamil Nadu. The institution was the brain child of a renowned professor of Management Bala V. Balachandran. Its first campus was started in Chennai and its second campus started functioning

in Delhi NCR in the year 2011. Great Lakes offers full-time and Executive Post Graduate Programs in Management. It only offers programs in Data Science, Business Analytics & Cloud Computing. These programs are best suited for working professionals, desires of enhancing their competence and professionalism.

Great Lakes Institute of Management is among the first business schools in India to offer a one year full-time management program. Its one year



Post-Graduate Program in Management (PGPM) became the first one year full-time management program to be accredited by India's higher technical education regulator AICTE in 2008.

Currently, at the helm of Great Lake Institute of Management is Dean & Principal Dr Suresh Ramanathan. Dr Suresh has a B. Tech. degree in chemical engineering from Indian Institute of Technology Delhi and an MBA degree from Indian Institute of Management, Calcutta. He has received his Ph.D. from NYU's Stern School of Business.

Institute vision is very clear

To Be a World Class Management Institute to Develop Socially Sensitive, Business Ready Leaders and Entrepreneurs with Futuristic Orientation and Commitment towards Innovation and Excellence through Cost-Effective Programs.

Research & Development

Research is very close to the heart of the Management. This institute often gets single out for its commitment and dedication towards research and innovative practices. In fact, Great Lakes has a proud tradition of achieving extraordinary result

in the field of R & D. Right from its inception, the role of knowledge creation in tandem with knowledge dissemination has been stressed at this institution. One can understand this from the fact that more than 80% of the faculty members holds a Doctoral degree from leading institutions across the world. No wonder the ranking of the institute has been very motivating:

Ranked 2nd in Research Productivity amongst B-Schools in India by an independent survey conducted by professors from IIM-Bengaluru and XIM-Bhubaneswar.

It was ranked 16 by Business Today's "India's best B-schools 2019". It was ranked 23rd by the National Institutional Ranking Framework (NIRF) in Management category

Placement Performance

Great Lakes has shown consistency in the placement right from its inception. In view of its reputation for professionalism the students get very good placement every year. The placement cell of the institute makes it a point that the students complete their pre-placement training where they are exposed to aptitude test mock interview corporate values etc.

VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU



Academic Performance

Vidyavardhaka College of Engineering established in 1997 was driven by a great vision-

“VVCE shall be a leading Institution in engineering and management education enabling individuals for significant contribution to the society”

The institute is known for reaching out to the poor and needy students not only from Karnataka and other southern states but also from others part of India. Students are offered right career and courses such as undergraduate degrees in six different fields of engineering, and post graduate degrees in three different fields. VVCE is affiliated to Visvesvaraya Technological University (VTU), Belgaum, approved by AICTE, New Delhi and recognized by the Govt. of Karnataka

In fact, Vidyavardhaka College of Engineering located in the historical city of Mysore, ranks among the well-known engineering colleges in Karnataka. The growth of the institute speaks volumes of the commitment and the leadership qualities of the

management. VVCE is an autonomous institute and recognized by the Government of Karnataka. The college is lucky to have Dr. B. Sadashiv Gowda as the Principal, who is known for his discipline and professional outlook.

Placement Highlights

The institute is very particular about the suitable placement of its students. The placement cell is known for working on over footing until and unless all students get placed. The department is instrumental in providing necessary skill set to all UG and PG students to develop their employability skills, leadership qualities and personality development.

The Training and Placement Department (TAP) deserves special mention for being an integral part of VVCE. It connects students of BE, MTech and MBA and also the various departments. The department has the best infrastructure for the smooth conduct of training and placement activities. The department works in close co-ordination with the Industry Relations Executives and the Department Placement Coordinators (DPC) which comprises both students and faculty members nominated from individual departments.

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU

NITTE Meenakshi Institute of Technology (NMIT) is strategically located in the 23 acres of land close to the airport and far from the madding crowd of Bangalore, Karnataka. This is one of the most prestigious autonomous engineering colleges affiliated to the Visvesvaraya Technological University, Belagavi. The college is approved by the AICTE, New Delhi. NMIT offers a four-year graduate programme in engineering leading to the award of the degree Bachelor of Engineering (B.E.) as well as many master programs like MCA, M. Tech and MBA, true to its vision - To serve a diverse multidisciplinary field of research encompassing the knowledge of basic sciences and Engineering disciplines

Academic Performance

NITTE Meenakshi Institute of Technology is known for academic rigor and discipline on the campus and the same got reflected when it got ranked 100 among engineering colleges by the National Institutional Ranking Framework (NIRF) in 2018. This ranking bares testimony to the academic brilliance of the Faculty and the professionalism of the Management. It is because of the conducive environment on the campus that students like **Aditya Vijaykumar** got International recognition and bounty in the year 2020 and other Alumni brought laurels to the institute- Salman Yusuf Khan, winner of Dance India Dance 1, Jhalak Dikhlaa, Aditya, International soccer player for gpm.



Research & Development

NMIT stands out as a unique institution, having six Multidisciplinary Research Centers.

The Centre is known for carrying out Research and Development for Design and Development of a nano-satellite for Earth Observation. The satellite will help with Disaster Management, Low Earth

Orbit Communication System, Quantum Satellite Communication, Novel Efficient Telemetry System Development, Space Debris Management and Outer Space Environmental Studies.

The research also focuses on innovative sensor development for atmospheric studies, outer space studies through femto-satellite development or satellite-on-chip programs. Through this effort,

NMIT would like to participate in ISRO's capacity development to provide innovative services and trained human resources for national and international space programs.

It is a huge pride that under the Centre's earlier banner of CENTRE FOR SATELLITE research work was done by consortium of seven engineering colleges from Karnataka and Andhra Pradesh with NMIT as the lead Centre. This consortium of students and teachers designed, developed and fabricated India's first Pico – Satellite (weighing 850 gm) with the guidance of ISRO.

Placement Highlights

Placement is one of the attractions of this institute and is driven by the principle "To reap the benefits tomorrow, we need to sow the seeds today". Placement

cell is known for having a no non-sense approach when it comes to the interest of student's career and life. This is just a glimpse of the placement:

- ◆ Over 100 reputed companies across industries visit the campus.
- ◆ Students have exposure to global & premier Indian companies.
- ◆ The packages goes up to 27 lacs per annum.

The reason for good placement is that each department of the institute plays a proactive role in the placement process. A team of highly experienced and trained professionals of the respective department groom and nurture the NMIT students in to industry ready professionals. The skills and domain knowledge imparted to the students help them perform exceedingly well during the placement.

RV COLLEGE OF ENGINEERING, BENGALURU



Rashtreeya Vidyalaya College of Engineering (RVCE or RV College of Engineering, ranks among the oldest and value driven co-educational colleges located in the heart of Bangalore City, Karnataka, India. It has 11

departments in engineering, one school in architecture, and a Master of Computer Applications department. It is affiliated to the Visvesvaraya Technological University, Belgaum. RVCE is accredited by the All India Council for Technical Education and all its

departments are accredited by the National Board of Accreditation.

What sets this institution apart from other institutions is its culture of collaboration with many institutions and industry across the world. The college is recognized as Centre of Excellence under Technical Education Quality Improvement Program by the Government of India.

Academic Performance

RVCE is committed to its vision

Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, with a Focus on Sustainable and Inclusive Technology...

Achievements

In 2008, the college had the highest number of gold medal-winners among colleges affiliated to Visvesvaraya Technological University.

R.V. College of Engineering was ranked 70 among engineering colleges in India by the National Institutional Ranking Framework (NIRF) in 2020.

Proud Alumni

Among the alumni of the college, special mention deserves to be made of the following celebrities:

- ◆ Anil Kumble, the former coach and captain of the Indian Cricket Team
- ◆ Chetan Baboor, the former international table tennis champion and Arjuna award winner
- ◆ Asha Bhat, Miss Supranational 2014 and Bollywood actress

Placements Highlights

RVCE is known for attracting many brand companies every year to its campus like Microsoft, Oracle, Google, Dell, Delphi, Intel, Yahoo, IBM, Caterpillar, Accenture, ABB, Goldman Sachs, Citrix, Wipro, Tata Consultancy Services (TCS), Infosys, Quest Global. Majority of the students get suitable placement on the campus itself. However, the Placement Cell which is led by a team of professionals makes all out efforts in preparing the students by giving them adequate practice sessions and mock drills before they face the real interview.

Research & Development

RVCE is a brand name mainly for its focus on promoting research and development. The college has not only the best of infrastructure but also the best of research guides, drawn from different walks of life. As a result, research activities are accorded the top priority and the outcome is as under:

The Robotics team from the Instrumentation Technology Department won the "All India Robotics Challenge" at Shastra 2007. The annual tech fest held at IIT Madras.

Student Space Technology Projects

Team Antariksh is a student satellite team that aims to build a nanosatellite and Sounding Rocket with a research based payload, guided and monitored by various scientists from the Indian Space Research Organization Satellite Centre and faculty from RVCE.

Robotics

The college has robotics team, Astra Robotics under the umbrella of the Department of Electronics and Communication. The Team regularly participates and wins in National and International level competitions.

PES UNIVERSITY, BENGALURU

PES University, located in the cyber city of India, attracts students from all across the country. This University stands out for its commitment to promoting quality

education and research, preparing the students to face the real world with solutions and vision. Students are shown a new horizon and they learn to realize their dream.



Academic Performance

It's a matter of pride that PES University ranked sixth in the Outlook-ICARE India University Rankings 2019 and is the only University in Karnataka to rank among the top 20.

The faculty and the student of this University are inspired by the lofty vision:

We realize that our students represent the future of our society and we take our responsibility seriously. We ensure that the rock-solid foundation we help them build here – both, in terms of skills and values – will stand them in good stead no matter which career they choose.

The faculty members are the true pillars of the PES University. They are known for their dedication and professionalism. The management however, hires not only the best of faculty but also those having rich industry experience. As a result of this strategy PES has an edge over other institutes in terms of the academic outcome. Such faculty members develop and deliver the educational programs that bring excellence to the campus.

Alumni

PES has a strong, lively alumni association that extends across the globe. This thriving alumni network brings great value to everyone associated with PES – from spreading awareness and recognition of the PES brand to creating opportunities for and guiding current students.

Research & Development

Research and development are the key areas of focus by the PES University. Students are provided with all support be it, financial assistance, right mentoring or collaboration with the right institutions. There is a sense of jubilation and high expectation among the students, leading to sustain efforts towards the realization of the set objectives and research goals. There are different areas and different disciplines where research is in progress as the following:

ELECTRONICS

- ◆ Satellite Technologies,
- ◆ Vlsi Technologies

MECHANICAL

- ◆ Advanced Composites Research Centre (ARC),
- ◆ Centre for Automobile Research & Engineering (CARE)

COMPUTER SCIENCE

- ◆ Mobile Systems Engineering,
- ◆ Center For Networks And Security

Placement Highlights

Placement is a sensitive issue for PES

University. The placement cell is invested with lots of responsibilities and power to address the issue of 100% placement of students every year. With this end in view, experts from industry are invited to the campus for sensitizing the students and preparing them for campus selection. Students are also taken to on industry visits on a routine basis so that they understand the existing gaps between the industry and academic curriculum. Many leading companies keep visiting the campus for the recruitment, here is just a glimpse:

Akamai, Amazon, Cisco, Cleartrip, Deloitte, EBay, Flipkart,, HP, IBM, Intel, Microsoft, LinkedIn, Mahindra, Mercedes Benz, SAP, Siemens.

BMS COLLEGE OF ENGINEERING, BENGALURU



B.M.S. College of Engineering (BMSCE) is one of the oldest engineering colleges known for promoting quality education and professional skills in India. Located in the heart of the cyber city, though a private college it is partially funded by the Govt. of Karnataka. This college is affiliated with Visvesvaraya Technological University and became autonomous in 2008. The College got accredited by National Assessment and Accreditation Council (NAAC) with highest grade of A++ in the Second Cycle: with a CGPA of 3.83 on a scale of four which is highest in the Country.

It is a matter of great pride that BMSCE which at its inception offered only three undergraduate courses, today it offers 13 Undergraduate & 16 Postgraduate

courses both in conventional and emerging areas, 14 of its Departments are recognized as Research Centers offering PhD/M.Sc (Engineering by Research) degrees in Science. The institute takes a legitimate pride in having produced more than 40,000 thousand competent engineers who serve the country and also in different parts of the world.

Academic Performance

It is gratifying for the management that presently more than 350 research scholars are pursuing their PhD Degree in BMSCE Research Centre's. BMSCE is one of the most preferred destinations for the students from across the country. The immense popularity of the

college can be attributed to factors such as the quality education, infrastructure, pragmatic teaching-learning practices as well as focus on fulfilling the industry. Currently about 5000 students are pursuing their higher studies in BMSCE.

The College is committed to promoting professionalism and corporate values among the students as well as teaching faculty. The classrooms and labs of the college are best-in-class, well equipped and sophisticated. The labs are regularly upgraded in order to stay advanced. The campus is Wi-Fi enabled with 24x7 internet facilities in the departments and hostels.

The faculty members are the real strength of the institution. They are well qualified, meritorious, experienced and highly dedicated, who are driven towards academic excellence, research and innovation.

Vision

Promoting Prosperity of mankind by augmenting Human Resource Capital through Quality Technical Education & Training.

To emerge as a most preferred destination for all corporates to hire globally component and ethically strong engineering talent.

Placement Highlights

The placement cell is known as the center of excellence. The placement cell is the nodal center and an integral part of the institution. The Institution firmly believes that placements are the major benchmark to the performance of the institute. The Centre has very active linkages and collaborations with industry. More than 300 reputed National and Multinational companies visit

our institution for campus recruitment annually.

The vital roles of the Centre is to groom and shape the students and make them industry ready by imparting necessary skills and training. The Centre provides value added services like personal interview, analytical, quantitative, reasoning, mock tests, and team spirits and enterprise dynamics as part of their preplacement training.

Proud Alumni

It is a matter of great pride BMSCE that its students are bringing laurels by excelling in various walks of life, such as

- ◆ Bhawana Kanth, one of the first female fighter jet pilots in India.
- ◆ Nikhil Chinapa, MTV India Video Jockey, appeared in Roadies & Splitsvilla.
- ◆ Raj Singh Chaudhary, Indian actor & screen writer in Bollywood.
- ◆ Avantika Mishra, Model & Indian actress featured in Telugu movies.

Research & Development

R&D Center plays very crucial role in branding any institution. The job often involves in identifying new research areas, developing projects leading to publications in National/International Journals and conferences. R&D department at BMSCE is constantly engaged in promoting Research & Innovation among the faculty & students. The center helps in developing co-operative and complimentary research among various Departments under BMSCE to explore advanced technologies.

REVA UNIVERSITY, BENGALURU

The REVA University spread over sprawling 45 acres of land in the heart of the garden city of India is a prestigious private state University that houses many multi-department, an incubation center for the start-ups, hostel and medical facilities. Presently, over 18,000 of students are pursuing different courses.

The University offers 33 full-time undergraduate courses with excellent facilities to have a complete learning experience. The 24 full-time and 2 part-time postgraduate programs offer an in-depth understanding of the chosen area of study to the students. Postgraduate programs give emphasis on practical knowledge and placements.



It is hearting to note that the University was ranked 48 in top 50 B-Schools by Chronicle India Survey 2019. A graded institute in Karnataka as per the survey by Chronicle India Survey 2019. REVA University ranked 20th under top 70 Engineering Institutes.

REVA University ranked Gold in QS I-GAUGE rating as well.

Ranked 14th in the Outlook-ICARE India University Rankings 2019: Top 25 Young Universities.

Ranked 11th under 50 Top Private Engineering Institutes.

Ranked 21st under Karnataka University Ranking 2019.

REVA University ranked 30th position in the country in the India's Top 50 Engineering Colleges Survey 2020 published by The ACADEMIC INSIGHTS

It was also awarded the Most Preferred University, providing global environment to international Students at Global Indian Business Excellence Awards, UK. LEED INDIA NC PLATINUM 2013 Certification IGBC for the Administrative Building of the University.

Vision

The vision of the University is the reflection

of the dedication of the Founder and Chancellor of REVA University Dr. P. Shyama Raju, who believes in knowledge as the true weapon for social change.

“REVA University aspires to become an innovative university by developing excellent human resources with leadership qualities, ethical and moral values, research culture and innovative skills through higher education of global standards”.

Academic Performance

The University stands out for providing conducive environment to the learners for achieving academic excellence. Excellence at REVA is defined as preparing students for facing the challenges and vicissitudes of life. This is the reason the students of this University develop broad outlook and global mindset. They are capable to adapt to any situation in life.

Placement Performance

The Training & Placement (T&P) is one of the most committed placement cells among the private Universities in Karnataka. The cell consist of highly qualified members having vast industry experience. They have excellent networks with the potential employers who visit the campus on a regular basis. Before the arrival of the companies, the placement cell

functions on war footing and meticulously prepares the candidate on area such as aptitude test, mock interview, Group discussion and soft skills. As a result of the collective efforts of both students and faculty, REVA boasts of an excellent placement every year.

Conclusion

“Education is the great engine of personal development. It is through education that the daughter of peasant can become a doctor, that the son of a mine

worker become the head of the mine, that the child of a farm workers can become the president of a great nation.”

The above inspiring words from Nelson Mandela’s biography “Long Walk To Freedom” have universal relevance. It is a proven fact that education is the only industry that has the potential to make human society more human. Many accuse that education sector has become a business today. But our society must not forget that education is the business of teaching people not just to make a living but also how to live life large.

KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES, COIMBATORE



Among the private institutions, Karunya Institute of Technology and Sciences, formerly Karunya University holds the pride of place. It is a private residential institute deemed to be university located in the industrial city of Coimbatore, better known as Manchester city of South India.

Academic Performance

The vision of Karunya Institute of Technology and Sciences, is greatly inspired by the broad outlook and vision of its founders Late Dr. D. G. S. Dhinakaran and the present Chancellor Dr. Paul Dhinakaran. The institute believes in promoting professionalism

and serving humanity with unflinching devotion and dedication to professional ethics and values. Accredited by NAAC, the institution offers a wide array of Bachelors, Masters and Doctoral Degree programmes in various branches of Engineering, Biotechnology, Food processing and Agricultural Sciences. It is a matter of huge satisfaction that from a humble beginning of 180 students, the institution has rapidly grown to 8491 students and 452 faculty representing 18 academic departments. The institute stands out for its selfless service in the field of education by contributing towards community service, value education, and higher education, health care and service sectors.

Vision

True to the essence of the word Karunya, implying deep compassion, the institute is guided by the lofty ideals of promoting humanism and higher societal values as reflected in its vision.

“The faculty and students of Karunya will be nurtured in character, ethics and spiritual discernment to serve the society with fervor and zeal.”

Karunya University was accredited in 2014 by the National Assessment and Accreditation Council (NAAC) with an “A” grade.

The university was ranked in the 101–150 band among universities in India by the National Institutional Ranking Framework (NIRF) in 2020, in the 101–150

band overall and 80 among the engineering rankings.

Research & Development

R & D is the soul of Karunya Institute. It is the part and partial of the vision of the institute to promote research activities on the campus. With that end in view, various Academic Research programs are being carried out amidst suitable ambience, infrastructure and policies. All this is to facilitate the scholars for finding solutions to human problems in different areas relating to water, food, healthcare and energy through scientific, social and technological research.

Placements Highlights

It is a matter of great motivation for the potential students and their parents to know that Karunya has a no non-sense approach when it comes to placement. Going by the placement record, one can feel confident about the successful strategies and wide networks of the placement cell. As a result more than 80% of eligible final year students, who seek a placement, are placed with reputed organizations at the initiative of the institution prior to their leaving the campus. The companies that visit the campus are as under:

Accenture, Amazon, Capgemini, Infosys, Byju’s, eLitmus, Hitachi Consulting, Cognizant, Tata Elxsi, Bosch, NetApp, HSBC, Hyundai, Everest, ibis, IDBI Federal, etc.

COIMBATORE INSTITUTE OF TECHNOLOGY

Academic Performance

Coimbatore Institute of Technology (CIT), located in the historic city of Coimbatore, which is an industrial hub of Tamil Nadu is a government-aided autonomous engineering college. It is recognized by the All India Council for Technical Education and affiliated to Anna University.

CIT offers 9 Under Graduate Academic Programmes and 12 Post Graduate Academic

Programmes in addition for M.S. and Ph.D. Research Programmes.

CIT also offers 7 Under Graduate Academic Programmes, 9 Post Graduate Academic Programmes, and 3 Five Year Integrated M.Sc. Programmes in addition to Ph.D. Research Programmes. As part of the invaluable service rendered to the society by V. Rangaswamy Educational Trust, the CIT Sandwich Polytechnic College was started in 1961. Presently, 8 Engineering Diploma Programmes are offered by the



polytechnic in various engineering disciplines.

CIT stands out by virtue of its emphasis on honing technical skills among the students and the faculty members of the institute are driven by the pragmatic vision as envisaged by the Founder Sri.V.Rangaswamy Naidu:

“The Institute strives to inculcate a sound knowledge in engineering along with realized social responsibilities to enable its students to combat the current and impending challenges faced by our country and to extend their expertise to the global arena.”

It speaks volumes of the hard work of the faculty and management that CIT got very good ranking in national level survey:

CIT is ranked 90 in the National Institutional Ranking Framework (NIRF) engineering ranking of 2020

Placement Highlights

Thanks to the consistent efforts by V. Rangasamy Naidu Educational Trust that the placement of students has throughout been excellent. The placement cell remains devoted to the cause of promoting technical and scientific literacy. CIT is one of the most reputed and prestigious educational institutions in South India since 1956. The Institute is backed by World Class research and development. All this has huge impact on bringing different companies to the campus. Good

placement is also due to the fact that the Institute boasts of strong academic-industrial interaction and a high quality of research and consultancy. CIT, managed by a pedigreed lineage for the past 50 years, enjoys national repute. The Institute has the services of competent qualified faculty, and visionary management to enhance the quality of education at all levels and maintain its position in emerging global scenario.

Research & Development

Research and Development is given top priority at CIT. This is evident from the fact that this Institute of Technology is involved in research and innovation in various projects and areas of science, engineering and technology.

- ◆ Industry –Institute Research Collaboration
- ◆ Indo Norwegian Collaborative Project (INCP 2014 & UTFORSK 2017)
- ◆ Workforce Development Program (WDP) with Oracle Corporation
- ◆ Virtualization Center of Excellence with Novell
- ◆ Pioneer Research in Medical Engineering in Collaboration with Leading Hospitals
- ◆ OpenCL Technology collaboration with AMD
- ◆ Mobile Application Development in ANDROID and BADA with Samsung
- ◆ High Performance Computing (HPC) with IBM

RAMAIAH INSTITUTE OF TECHNOLOGY

Ramaiah Institute of Technology (RIT), formerly known as M.S. Ramaiah Institute of Technology (MSRIT), holds the pride of place among the autonomous engineering colleges in Karnataka. Strategically located in the heart of the silicon valley of India, RIT is a popular choice among the potential students not only of Karnataka but of the whole country.

Academic Performance

RIT is known for promoting excellence in technical and professional education by offering Bachelor of Engineering (B.E.) and Bachelor of Architecture (BArch) at the Undergraduate level. The program spans over 4 years (for B.E.) and 5 years (for BArch); and is offered in 12 different



RIT offers undergraduate and graduate courses of study and research including Bachelor of Engineering, Bachelor of Architecture, Master of Technology, Master of Business Administration and offers programs leading to award of PhD in various disciplines. RIT is also a research centre in 12 areas including engineering and management disciplines.

Among engineering colleges in India, RIT ranked 27th by India Today in 2020, 25th by Outlook India in 2019 and 59 by the National Institutional Ranking Framework (NIRF) in 2020.

Vision

To evolve into an autonomous institute of International standing for imparting quality technical education.

branches. The course structure is designed by the faculty of the college with the consultation of the faculty at VTU and IISc.

The Institute also offers 2-year Master of Technology (M.Tech) in the various Branches as well as Master of Architecture (Landscape Architecture), MCA and MBA. The college also offers MSc (Eng.) by research.

Besides these, the college is known for its PhD programs. In fact, RIT is an approved Research Centre by the Government of Karnataka.

It is a matter of great pride that the institute has academic alliances with Intel, IBM, Schneider Electric, JSW Steel Ltd, Cognizant EMC, Nokia and other multinationals. It also partnered ISRO in 2010 to build the StudSat Nano satellite and RIT was chosen in 2012 to join the consortium of colleges that would assist ISRO in the StudSat-2 project.

Placements Highlights

Today, Ramaiah Institute of Technology is one of the preferred academic institutes for a large number of organizations for recruiting its graduates. The Department of Placement & Training at RIT is known for its professional network and quality placement record. It is heartening to underline that with every passing year, the number of recruiting organizations have increased in geometric progression on an average of about 250 nationally renowned organizations visiting the campus annually to conduct their recruitment process on the campus. The campus is visited by a

number of leading companies including:

JP Morgan, Schneider Electric, Adobe, VMware, Cognizant, Accenture, Capgemini, Toyota, Larsen & Toubro, Carillion, Emaar, Amazon.com and Mu Sigma Inc. More than 150 Companies visit for Placements every year. Placement percentage is around 95 and is highest among some of the renowned institutes in Karnataka as also in India. No wonder, the institution stands as the preferred destination for students, who aspire to grow, learn and reach beyond the ordinary; which is why some of the world's finest companies visit and discover the best minds available. This placement process is extremely fruitful.

JSS INSTITUTE OF SCIENCE AND TECHNOLOGY, MYSORE

Academic Performance

JSS Science and Technology University accredited by All India Council of Technical Education (AICTE) is a premium private University located in a beautiful historical city of Mysore, Karnataka. The campus is enchantingly beautiful, spread over 100 acres of green land. This

University owes its inspiration to the age old adage – “work is worship”.

SJCE boasts of having 12 departments in engineering and a master of Computer Applications. There are many undergraduate courses enjoying autonomy, thanks to Visvesvaraya Technological University.



In a recently conducted ranking- the National Institutional Ranking Framework (NIRF) this institute ranked 132 among engineering colleges in 2020.

JSS Science and Technology University was established, envisioning a fabulous future and exclusively a learner centric eco-system. The availability of skilled human resources and trained technical manpower in engineering and technology inspire hope of transforming into a future global University. JSS S&T University, having an objective of transforming the students at all levels of higher education, including research and innovation attracts pool of talent from all across the world. This institute only highlights the fact that a well-established higher education system forms the flagship for transforming to meet the global needs.

Hence, JSS S&T University is certainly dedicated towards promoting professionalism and creating new opportunities for the youth and transforming them into great assets, not only for the nation but also to meet the global challenges of industry in every sector.

This University stands on value driven principles and lofty ideals as reflected in its well articulated vision

- ◆ Advancing JSS S&T University as a leader in education, research and technology on the international arena.
- ◆ To provide the students a universal platform to launch their careers, vesting the industry and research community with skilled and professional workforce.
- ◆ Accomplishing JSS S&T University as an epicenter for innovation, center of excellence for research with state of the art lab facilities.
- ◆ Fostering an erudite, professional forum for researchers and industrialist to coexist and to work cohesively for the growth and development of science and technology for betterment of society.

Research & Development

The JSS S&T has an independent placement cell having well experienced members from industry as well as academia. The cell provides the following financial assistance for research activities, as a

means to developing the staff and promoting the innovative practices.

- Initial funding for preparation of research proposals.
- Supports for travel for those presenting research papers in national, international conferences, subject to specified rules of college
- Support for preparing research papers for publication in journals, or seminars, as per rules of college.

The R&D cell is very meticulous in providing information on the thrust areas of research, project proposal forms, and periodical circulars received from different agencies to facilitate the submission of projects, etc.

Placement Highlights

The placement is the main attraction of this campus. The management adopts a creative approach of identifying the students on certain parameters like their linguistic competencies, their aptitude and skill sets. Thereafter, placement training is customized, resulting in unprecedented outcome among the learners.

The students are also engaged in various activities prior to the commencement of the campus recruitment. In order to offer a Practical Placement, placement officer and the companies involve themselves in lot of industry institute activities which are as follows.

- ◆ Regular Students development programs are offered by domain specific core companies, in means of Technical workshops, seminars and quiz programs.
- ◆ Regular Industry visits.
- ◆ Special scholarships are given to the deserving students.
- ◆ Encouraging students to participate in Hackathons and Coding contests.

Because of the compulsory provision of internship with various companies, the students gain a wealth of experience and knowledge, and thus are able and to contribute significantly to the company's business as well as to the brand value of the University.

MATHEMATICS CHALLENGE

CMT - SERIES PROBLEMS - by GANIT MATH (गणित मठ)

CMT - 2020 / 5.

For, $a > 0, b < 0, c > 0, d < 0$, if

$$a^6 = 2702 - \frac{1}{2702 - \frac{1}{2702 - \dots \infty}} ;$$

$$b^8 = 37634 - \frac{1}{37634 - \frac{1}{37634 - \dots \infty}} ;$$

$$c^4 = 47 - \frac{1}{47 - \frac{1}{47 - \dots \infty}} ; \quad d^8 = 2207 - \frac{1}{2207 - \frac{1}{2207 - \dots \infty}} ;$$

and, $\frac{(c^5 a^{10} - d^5 b^{10}) - (d^5 a^{10} - b^{10} c^5) + 2(c^5 - d^5)}{(c^{10} a^5 - d^{10} b^5) - (c^{10} b^5 - d^{10} a^5) - 2(b^5 - a^5)} = 6 - \frac{n}{m} ;$... must practise from

(where, m and n are co-prime natural numbers),

then, $\frac{(m^2 + 9n^2) - (6n - 1)}{(m^2 - 9n^2) + (6n - 1)} = ?$

CMT - 2020 / 6

If $\frac{x^2}{y\sqrt{11} + z\sqrt{13}} = \frac{y^2}{z\sqrt{13} + x\sqrt{7}} = \frac{z^2}{x\sqrt{7} + y\sqrt{11}} = 51$

then,

$$\frac{\sqrt{7}}{x + 51\sqrt{7}} + \frac{\sqrt{11}}{y + 51\sqrt{11}} + \frac{\sqrt{13}}{z + 51\sqrt{13}} = ?$$

- composed by -
Teachers' Teacher, Maths Wizard



श्री श्री 1008 गणित गुरु गणितानन्द जी महाराज
संस्थापक - गणित मठ

MENTAL MATHS

Work Book of Algebra

Volume - 0001A

for
Speed and accuracy

If $x^2 + y^2 = \alpha$ and $xy = \beta$,
then find the value of :

$x^{16} + y^{16}$, $x^{15} + y^{15}$, and,
 $x^{12} + y^{12}$ in terms of α and
 β in the simplest form.

...a part of Ganitanand-Facts

<http://www.ganitmath.in/Books.aspx>

ANSWERS : CMT-2020/3: 15 ; CMT-2020/4: 25

Answers will be published in the next issue . You can ask any queries and send your solution to

Email : ganitmath.india@gmail.com , M: +91 8826337312 , Website : www.ganitmath.in

Copyright © 2020 reserved with Ganit Math(गणित मठ) ... a Trust for revolution in Mathematics Education!

VIDYAVARDHAKA SANGHA®, MYSURU

VIDYAVARDHAKA COLLEGE OF ENGINEERING

UG programs (CS, IS, EC, EE, ME & CV) programs accredited by NBA, New Delhi
Accredited by NAAC with 'A' grade



VVCE is an
**Autonomous
Institute**
under VTU from **2020-21**



State-of-Art
Infrastructure



Qualified and
Committed Professors



Inspiring Learning
Ambience



Excellent Placements &
Industry Collaborations



WE MAKE IT

HAPPEN

COURSES OFFERED

BE

- Computer Science & Engineering (Artificial Intelligence & Machine Learning)
- Computer Science & Engineering
- Information Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Mechanical Engineering

MBA

- Marketing
- Human Resource
- Finance

MTech

- Computer Science & Engineering
- Machine Design

Ph.D

- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Business Administration
- Civil Engineering
- Mechanical Engineering
- Mathematics • Physics • Chemistry

Admissions Open for batch 2020-21

📍 P.B. No.206, Kannada Sahithya Parishath Rd, III Stage, Gokulam, Mysuru, Karnataka - 570002

✉️ principal@vvce.ac.in
ao@vvce.ac.in
admissions@vvce.ac.in

📷 @vvceofficial

🌐 /vvceofficial

☎️ +91 821 4276200

🌐 www.vvce.ac.in

🐦 @vvceofficial



Admission Notification for Academic Year 2020-2021



Top Pvt. Design School in India
Courtesy: IIRF, Education Post



Top B-School in South Region
Courtesy: BusinessWorld



Top B-School in India
Courtesy: IIRF, Education Post



Discover your best!

PROGRAMS

BUSINESS

BBA

General Management | E-Commerce & Digital Marketing |
Data Science & AI | Entrepreneurship Development (Hons.)

MBA | MBA (BA.AI.ML.)

PGPXP (Executive) for Working Professionals

TECHNOLOGY

B.Tech

Computer Science | Data Science & Artificial Intelligence |
Automation & Robotics

DESIGN & ARCHITECTURE

B.Des

Fashion Design | Interior Design |
Product Design | Visual Communication

B.Arch

INTERNATIONAL PARTNERSHIPS

Global Immersion
Program

International Student
Exchange Program

ACCREDITATIONS



INTERNATIONAL MEMBERSHIPS



Scan QR Code to Apply



APPLY NOW

GET IN TOUCH

CAMPUS :

Kamkole, Sadasivpet, Sangareddy District, Hyderabad, Telangana, India - 502 345

BBA & B.Tech - M: +91 70328 88493, B.Des & B.Arch - M: +91 73311 40071, MBA & PGPXP - M: +91 91211 70461

Email: info@woxsen.edu.in, Website: www.woxsen.edu.in

<https://wouapp.woxsen.edu.in/>