



## St. Joseph's College

was founded by the Jesuit visionaries in 1844 with the noble aim of educating humanity for the Good and the True (Pro Bono Et Vero). SJC now serves as a beacon of light for all men and women aspiring to pursue holistic higher education.

St. Joseph's College (SJC) is a private, aided Christian minority institution affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu. It is one of the first colleges to be granted autonomy by the UGC in 1978.

### SJC

- was recognized by the UGC as a College with Potential for Excellence in 2004 and again in 2014.
- received DST-FIST fund in 2008 and 2014 and DBT-STAR status in 2014.
- received the coveted honour of the Special Heritage Status from the UGC in 2015.
- secured 27<sup>th</sup> position in NIRF Ranking in 2021.
- secured the Five Star Status (2000), A+ Grade (2006), A Grade (2012) and A++ (2019) in NAAC accreditation process.

The college caters to the educational needs of all sections with a marked emphasis on the preferential option for the poor, the marginalized, the first-generation learners and the other deprived sections of the society.

### VISION

Forming globally competent, committed, compassionate and holistic persons, to be men and women for others, promoting a just society.

### **MISSION**

- Fostering learning environment to students of diverse background, developing their inherent skills and competencies through reflection, creation of knowledge and service.
- Nurturing comprehensive learning and best practices through innovative and value-driven pedagogy.
- Contributing significantly to higher education through teaching, learning, research and extension.

### **VALUES**

Excellence with ethics, social and eco-justice, quality, access, equity and aesthetics.





### WELCOME TO ST. JOSEPH'S COLLEGE

01 June 2022

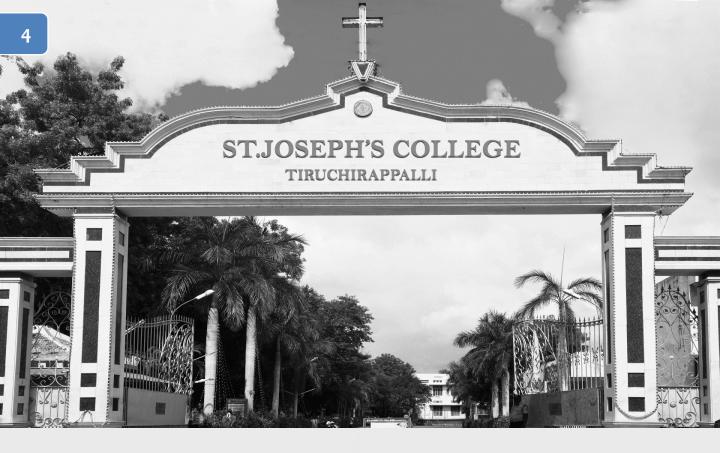
### Greetings!

We, at St. Joseph's College, believe in imparting quality education and holistic development to our students. Creative methods and ICT integration into teaching-learning have helped extend the frontiers of knowledge and ignite the spark of lifelong learning among the students.

Since we focus on moulding students into citizens with personal integrity and social responsibility, we encourage them to explore learning beyond the classroom through co-curricular and extra-curricular activities.

With a rich heritage, highly qualified faculty, best-in-class infrastructure, rigorous research thrust and strong alumni/ae base, St. Joseph's continues to live up to its reputation.

**Rev. Dr. M. Arockiasamy Xavier SJ** Principal



## MILESTONES

- 1844 Founded at Nagappattinam
- 1883 Shifted to Tiruchirappalli
- 1866 Affiliated to the University of Madras
- 1895 Golden Jubilee Year
- 1896 Establishment of Camboulives Musical Band
- 1944 Centenary Year
- 1967 Rapinat Herbarium Founded
- 1978 Granted Autonomy
- 1982 Affiliated to Bharathidasan University
- 1994 Sesquicentenary Year
- 1999 Accredited at Five Stars (Cycle I)
- 2001 Introduction of Choice Based Credit System
- 2004 Declared "College with Potential for Excellence"
- 2006 Re-accredited at 'A" Grade (Cycle II)
- 2009 Received DST-FIST Grants
- 2012 Accorded DBT-Star College Status
- 2012 Re-accredited at 'A' Grade (Cycle III)
- 2014 Schools of Excellence Introduced
- 2015 Granted "Special Heritage Status"
- 2018 Dodransbicentinnial Year
- 2019 Re-accredited at 'A<sup>++</sup>' Grade (Cycle IV)

## YEAR OF ESTABLISHMENT/INTRODUCTION OF DEPARTMENTS/PROGRAMMES

- 1844 English, Economics, Mathematics & French
- 1858 Tamil
- 1869 History
- 1881 Physics
- 1906 Chemistry
- 1909 Sanskrit
- 1912 Botany
- 1944 Hindi
- 1948 Commerce
- 1978 Statistics & Foundation Courses
- 1983 HRM & Computer Science
- 1984 MCA
- 1985 SHEPHERD
- 1993 Biochemistry & Electronics
- 1994 Personnel Management & Industrial Relations
- 1999 Business Administration (BBA)
- 2002 Biotechnology
- 2007 MBA, Commerce CA & BCA
- 2014 B.Voc. in Visual Communication & Software Development and System Administration
- 2018 Visual Communication
- 2020 Counselling Psychology Data Science Commerce Honours

## **ACHIEVEMENTS & BEST PRACTICES**

### NAAC ACCREDITATION: HIGH-RANKING PERFORMANCE OF SJC







राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद क्षित्रीकालव अनुसर आयोग का स्वावन संस्थान NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

### Certificate of Accreditation

The Executive Committee of the Xational Assessment and Accreditation Council on the recommendation of the duly appointed Peer Jeam is pleased to declare the

> St. Foseph's College (Autonomous) Tiruchirapalli, affiliated to Bharathidasan University Jamil Xadu as Accredited

at the A' level











National Assessment and Accreditation Council An Autonomous Institution of the University Grants Com Bangalore

### CERTIFICATE OF ACCREDITATION

The Executive Committee of the

National Assessment and Accreditation Council on the recommendation of the duly appointed

Peer Team, is pleased to declare the

St. Joseph's College (Autonomous), Tiruchirappalli,

affiliated to the Bharathidasan University, Tamil Nadu, as

Accredited



at the Five star level? ng the Autonomous Colleges.











One of the finest institutions of learning. The college has been maintaining the same high standard for decades. The college still believes in promoting discipline among the students; and is still considered one of the strictest colleges in the city; in terms of discipline. The staff pay personal attention to students, who are below average. The staff are quite cooperative with the students, in clarifying their doubts; even outside class hours. The fees charged by the college is quite affordable. The campus is clean and well maintained. Over the years, the principals have been accessible by the students. This accessibility promotes a sense of security among the students. Their library is among the best in any college across India. One aspect that makes this college stand out among the crowd is the Shepherd program. It instills in the students a social responsibility to care for the communities, which do not have access to even basic needs.





CII & Young Indians Awarded St. Joseph's College with "The Educational Pride of Tiruchi", 2021

TNIE'S ThinkEdu AWARDS 2020





**UGC** - PARAMARSH Mentor Institution

## A GLIMPSE OF ACHIEVEMENTS & BEST PRACTICES

OVERALL
DEMAND RATIO
IN ADMISSION IS
1;2.5

THE TEACHER-STUDENT RATIO IS 1:23 166 TEACHERS ARE DOCTORATE DEGREE HOLDERS.

EFFECTIVE FEEDBACK
MECHANISM TO
COLLECT REPONSES
FROM STAKEHOLDERS
FOR BETTER
CURRICULUM REVISION

ALL TEACHERS USE ICT TOOLS FOR TEACHING-LEARNING AND EVALUATION THE ONLY COLLEGE
CHOSEN BY ISRO IN
ITS GVCPA\* FROM THE
FOREST COVER OF
TAMIL NADU

\* GEOSPATIAL VEGETATION CARBON POOL ASSESSMENT

THE FIRST UNIVERSITY
COLLEGE TO
UNDERTAKE
DIGITIZATION OF
PLANT SPECIMENS
FOR POSTERITY

SJC ACCORDS EQUAL WEIGHTAGE FOR SPORTS & GAMES AND CULTURAL ACTIVITIES.

BRAILLE SOFTWARE AND SCRIBES FOR EXAMINATIONS FOR THE VISUALLY CHALLENGED STUDENTS

REMEDIAL CLASSES, TUTORING SYSTEM AND PEER-LEARNING CIRCLES FOR LATE BLOOMERS SJC SPENDS AROUND ₹50 LAKHS PER ANNUM FOR PROVIDING SCHOLARSHIPS, FREE MID-DAY MEALS AND BREAKFAST TO DESKYING STUDENTS. THE ALUMNI/AE
ASSOCIATION HAS
AROUND 14,000
ACTIVE MEMBERS.

DIGITIZATION OF
ACADEMIC AND
ADMINISTRATIVE
ACTIVITIES THROUGH
INDIGENOUSLY
DEVELOPED
SOFTWARE

EFFICIENT
EXAMINATION
MANAGEMENT WITH
THE DECLARATION
OF RESULTS
APPROXIMATELY
IN 13 DAYS

AVERAGE GRADUATION OUTCOME IS 80% INTENSIVE COMMUNICATIVE ENGLISH PROGRAMME

CORE & SKILL BASED ELECTIVES

TUTORING SYSTEM & PEER-LEARNING CIRCLES

200 MBPS INTERNET CONNECTIVITY

NET/SET, GATE, IAS COACHING CLASSES & CAREER GUIDANCE

EXTRA CREDIT & VALUE-ADDED COURSES

96 CONTROLLED WI-FI
ACCESS POINTS

INSTITUTE-INDUSTRY COLLABORATION

OPEN ONLINE COURSES

COMPREHENSIVE EXAMINATION

MENTORING & COUNSELLING

IN-HOUSE E-RESOURCES

COMPUTER-BASED TESTS

VIBRANT ALUMNI/AE ASSOCIATION

REGULAR PARENT-TEACHERS MEET



**Dr. A.P.J. Abdul Kalam**Bharat Ratna Awardee &
Former President
of India

Rev. Fr Jerome D'Souza

Former Member,
Indian Constituent
Assembly &
Indian Delegation to the
UNO

**Prof. G. N. Ramachandran** Renowned Physicist & Nobel Prize Nominee

> Shri. N. Gopalaswamy Former Chief Election Commissioner of India

> > **Shri. M. Damodaran** Former Chairman, SEBI

> > > Shri. C. Nagappan Former Judge, Supreme Court of India

> > > > Shri. Ibrahim Kalifulla Former Judge, Supreme Court of India



Shri. Sujatha Rangarajan Writer

> Shri. M. R. R. Nair Former Director, Steel Authority of India Ltd.

> > Shri. S Ramesh Chairman, Central Board of Indirect Taxes and Customs

> > > Shri.
> > > A. R. Lakshmanan
> > > Former Judge,
> > > Supreme Court
> > > of India

Mr. Arockia
Rajeev
Silver Medalist,
Asian Games
2018 & Arjuna
Awardee

Mr. S. S.
Vaidyanathan
Former
Director,
Gas Authority
of India

**Mr. K. Vijay Kumar IPS** Advisor to Governor Jammu & Kashmir

**Mr. Shiv Nadar** Founder & Chairperson HCL

**Dr. A. Amalraj IPS**Additional Director
General of Police,
Tamil Nadu

Vijaya Sankar Ramachandran Editor Frontline Magazine, Chennai

**Dr. T. Ramasami** Former Secretary, Dept. of DST, Gol, New Delhi

Mr. A.X. Alexander
Former Director
General
of Police
Tamil Nadu

**Shri. D. Napoleon** Former Union Minister & Film Actor

**Mr. Pattukkottai Prabakar** Writer



**Rev. Dr. Antony Pappusamy**Archbishop,
President, TNBC
Madurai

**Mr. V. Thiruppugazh** Adviser (Policy & planning), National Disaster Management Authority

**Rev. Dr. S. Michael Augustine**Former Archbishop,
Pondicherry & Cuddalore

Rev. Dr. J. Felix Raj, SJ Vice Chancellor, St. Xavier's University, Kolkata

Rev. Dr. Innaci Muthu SJ One of the Top 1% Scientists in Biology, Assessed by Stanford University, USA

Former Vice Chancellor, Madras University, Chennai & Bharathiyar University, Coimbatore

**Mr. Prabhu Solomon**Film Director &
Producer





SJC offers 18 UG, 20 PG, 15 PhD & Honours Programmes to Students from 21 states & 5 countries. The School System was introduced in 2014 by forming five different schools with a view to maximising resources, sharing expertise across disciplines and enhancing lateral mobility in order to achieve holistic development, cross-discipline exposure and augmenting employment opportunities.

### **SCHOOL OF BIOLOGICAL SCIENCES**

Biochemistry Biotechnology Botany

### SCHOOL OF COMPUTING SCIENCES

Computer Science Information Technology Mathematics Statistics

### **SCHOOL OF LANGUAGES & CULTURE**

English French Hindi History Sanskrit Tamil

### **SCHOOL OF MANAGEMENT STUDIES**

Business Administration
Commerce
Commerce (Computer Applications)
Economics
Human Resource Management

### SCHOOL OF PHYSICAL SCIENCES

Chemistry Electronics Physics

### **SCHOOL OF BUSINESS MANAGEMENT**

**MBA** 







# UNIQUENESS of THE CURRICULUM

# THE SCHOOL SYSTEM

To enable cross-discipline exposures through introduction of self-paced, between & within school elective, extra credit, partial online & open-online courses

### **RESEARCH & INNOVATION**



15 research departments, 118 research guides, 765 articles & 158 books published including chapters edited and 205 PhD degrees awarded in the last 5 years

### **INTERNSHIP & PROJECT WORK**



Curriculum-embedded internship and project work for hands-on experience as well as to augment quality and employability of the students

## CURRICULUM-EMBEDDED SOFT SKILLS PROGRAMME



Training for all students, participative teaching and learning, a maximum of 25 students per class, activity-based textbooks and skill-based assessment pattern

### STUDENT-CENTERED TEACHING & LEARNING



Role plays, internship, field & industry visits, workshops, group discussions, peer-learning circles, webinars, video conferencing, case studies, project-based learning, etc.

### STRUCTURED



The Outreach Department has received 36 awards & recognitions, organised 170 programmes, adopted 86 villages & 20 urban slums, maintains herbal garden and conducted training programmes.





## CENTRES & INSTITUTES of EXCELLENCE



Newton Natural History Museum established in 1881 houses rare specimens, artefacts, geological materials, rock particles, numismatics and philately.



A well-trained group of teachers impart skills and knowledge to help face challenges in life and to prepare the students for civil service examinations.



It is a taxonomic research centre which preserves a collection of nearly 3,00,000 specimens. 20,000 of the total specimens are digitized and the centre has identified 20 specimens new to science.



It provides a gamut of services to the students like promoting new ideas, entrepreneurial ventures and establishing networks with organisations outside campus.



The centre has sophisticated equipment and instruments to facilitate advanced research by the science scholars of institutions in the central region of Tamil Nadu.



The college has strengthened mentoring and professional counselling to help students handle issues affecting their academic and non academic behaviour/performance.

# INFRASTRUCTURAL FACILITIES

- IT-enabled campus
- 24/7 free internet access
- Seven computer laboratories
- An ICT centre
- A media centre with green matte
- Two language labs
- An exclusive room for PwD, ramp, rails & Braille software
- 15 departmental libraries
- Department-specific clubs
- Alumni/ae association
- Training & placement cell
- Entrepreneurship development centre
- Christian research centre
- 125-year-old Camboulives Musical Band
- A music room
- An exclusive hall with green room
- Lecture halls, auditoriums & open-air stages
- Outdoor & Indoor game courts
- A bank & an ATM
- Guest rooms
- A clinical lab
- Ambient air quality monitoring station





SJC BUILDINGS





### **ARRUPE LIBRARY**

173752 volumes of books | 5121 rare collections | 209 print journals



# HOSTEL FACILITIES

Application form for hostel admission is available in the respective hostels. 5 Hostels for Men & 1 Hostel for Women



## **CLIVE'S HOUSE**

Established:

1884

Occupants:

Jesuit Scholastics

Capacity:

60

## **NEW HOSTEL**

Established:

1939

Occupants:

Shift I UG Students

Capacity:

830





## SACRED HEART HOSTEL

Established:

1941

Occupants:

Shift II UG & PG Students

Capacity:

660

## BELLARMINE HOSTEL

Established:

1996

Occupants:

Shift I PG Students

Capacity:

150





## SPORTS HOSTEL

Established:

1941

Occupants:

Sportsmen

Capacity:

50



## ST. THERESA'S HOSTEL FOR WOMEN

Established: 2012

Occupants:
All Girl Students

Capacity: 175

## HOSTEL

## **ADMISSION**

Students are admitted to the hostel only after securing admission to the college and after an interview with the hostel Director. The applicant's parent is expected to accompany the applicant at the time of the interview. Membership of the hostel is valid for one year. Readmission for the subsequent year can be done upon renewal.

## **FACILITIES**

The hostels have facilities like mess, dining halls, visitor's room, reading room, music room, television room, prayer hall, meeting hall and playground.

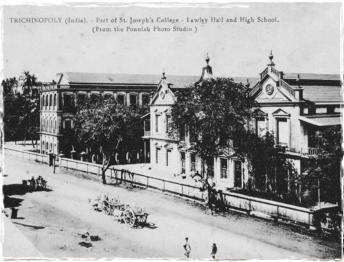










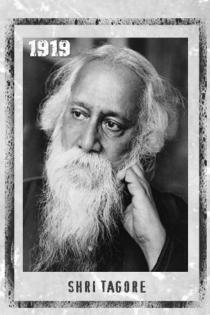






## MEMORABLE VISITS IN SJC



















SRIRAJA 60 PALA THONO AIMAN MAHARAJA 0 F PUDUKOTTAI



REV. FR. PEORO ARRUPE SJ FORMER SUPERIOR GENERAL THE SOCIETY OF JESUS, ROME



REV.FR.PETER-HANS KOLVENBACKSJ FORMER SUPERIOR GENERAL THE SOCIETY OF JESUS, ROME



MR. P CHIDAMBARAM UNIONMINISTER OF FINANCE



DR A.P.J. ABDUL KALAM FORMER PRESIDENT GOVT. OF INDIA



REV. FR ADOLFO NICOLAS SI FORMER SUPERIOR GENERAL THE SOCIETY OF JESUS, ROME



SHRIPRAKASH JAVEDEKAR UNIONMINISTER, MHRO GOVT. OF INDIA



DR. KAILASAYADIYOO SIYAN CHAIRMAN,ISRO GOVT. OFINDIA

## MoUs



# 21 FUNCTIONAL MoUS LEADING TO 113 COLLABORATIVE RESEARCH, FACULTY EXCHANGE AND STUDENT EXCHANGE INITIATIVES



## AMERICAN TRANSFER PROGRAMME

Students will study at St. Joseph's College for 4 semesters pursuing coursework in Business, Social Sciences or Humanities and will be transferred to Concordia College for three semesters to obtain their American undergraduate degree.

## COMMON PROFICIENCY TEST COACHING CENTRE

SJC is now a Charted Accountancy (CA)
Coaching centre, accredited by the Institute of
Charted Accountants of India (ICAI), New Delhi.
Students studying B.Com., BBA, B.Com. (CA) or
B.Sc. Mathematics programmes can enroll for
Common Proficiency Test classes of ICAI.

## ISDC & ACCA, LONDON - SJC FOR INTEGRATED B.COM. HONOURS



SJC signed two MoUs with ISDC (International Skill Development Corporation) & ACCA (The Association of Chartered Accountants) for FDP, student placement and integrated B.Com. Honours programme





## PONDICHERRY UNIVERSITY - SJC TWINNING PROGRAMME FOR MBA

St. Joseph's College Society and Pondicherry Central University jointly offer high quality MBA Twinning programme with specialization in Marketing and finance.



Postgraduate & M.Phil. Scholars can do a fully sponsored Ph.D programme at Fu Jen Catholic University, Taiwan. Science and Humanities students with good academic record are eligible to apply through the college and benefit from the programme.

## SJC IN MEDIA

### Festive spirit kicks off at St Joseph's College



#### Take risks, make mistakes, ISRO chairman advises graduates



## St Joseph's College bags NAAC's A++ grade 1st Autonomous

Clg In Country To Achieve Top Grade: Principal



### Law school to come up at St Joseph's College

Trichy: A law school will be set up on the St Joseph's college campus very soon, Rev Dr M Arockiasamy Xavier said here

He said that efforts are on to attain either university or dee-med university status by upgra-ding the quality of the institu-tion in all aspects. "Based on the 40 years of ex-perience asautonomous institu-tion with good scores in accredi-tations, and national rankings, we will soon get the status",

We will soon get the success the source state of the transition has once again proved the meritorious service of the institution in the holistic development of its students, irrespective of their caste and creed. This has been acting as the catalyst of change in society and the men and women for others, he said. Rector of the colle-ce Rev Leonard was also present.

### St Joseph's College conducts state-level marathon



I Joseph's College organized a state-level marathon on in Trichy on September 22 as part of its 175th year celebrations. Titled Run for your favourite teacher, the event saw a total of 3,500 men and 2100 women take part. They included teachers, nonteaching staff, faculty, students of colleges, and schools, veterans, College alumin and athletes from various athletic associations from all over Tamil Nadu participated in this Jubilee Marathon.

The torch run began from Nagapattinam on September 21 and reached the college ground on Sunday. The 10km marathon race was flagged off by Trichy collector 5 Sivarasu while five km race was flagged ob y Rev Pr Leonard Fernando, rector for schoolchildren. The five km race for veterans was flagged off by principal Rev Fr M Arockiasamy Xavier. Rev Fr Peter Xavier, college secretary, flagged off the race for senior citizens and alumni.

### St Joseph's college unveils plant-based sanitary pads

> Total (25.03/7=3.5757) 3.58

### St Joseph College to train farmers on making, marketing vermi compost

### 'Global citizenship vital to safeguard resources for future generations'



## Mega job fair for disabled persons in Tiruchy

### Shakespeare's Twelfth Night comes alive on stage



### மாநில பூப்பந்து போட்டியில் செயின்ட் ஜோசப் கல்லூரி வெற்றி

### 'Reforms in edu system essential to catch up with technology'



### At St Joseph's College, hand sanitizers made by chemistry dept come in handy



## திருச்சி செயின்ட் ஜோசப் கல்லூரி சார்பில் சுற்றுச்சூழல் விழிப்புணர்வு மற்றும் மரம் நடும்விழா

## St Joseph's 1988-91 batch reunites on campus

TIMES NEWS NETWORK

Trichy: It was day of nostalgia when the commerce batch of 1988-91 - alumni of St Jo-seph's College (autonomous) Trichy - made a comeback to the college campus, taking a reinvigorating glide down the-





## **NOTHER JEWEL IN THE** CROWN FOR ST. JOSEPH'S

### Rich treasure house of plant samples, molecular study



## Abdul Kalam lays emphasis on three-dimensional approach

Calls for meaningful education, religious harmony and poverty alleviation

#### Kalam's unfulfilled dream



### Two-in-a-row for St. Joseph's College

THEORIE TO the second successive year. St. Joseph's College here has emerged victorious in the Bharathidasan University inter-zonal inter-collegiate men's football tournament. The victory was sweeter this time since the team has retained the title without conceding a goal.

Eleven colleges in Truchi, Ka-

Two colleges from each zone – St. Joseph's College and Bishop Heber College (Tiruchi zone) and AVVM Sri Pushpam College and Khadir

mohideen College (Thanjavir zone) - qualified for the inter-zonal four-team league held at Pudoltottag won all its matches in the four-team league to finish on top. Bisho of the zonal a loss) took the runnerup spot.

AVVM Sri Pushpam College (wo draws and a loss) and Khadir Mohideen College (one draw and two loss-

### 'Global citizenship vital to safeguard resources for future generations'

St. Joseph's College hosted a debate as part of its Dodransbicentennial Year

SPECIAL CORRESPONDENT TREESING AND ASSESSED AND ASSESSED AS INFORMATION OF THE SOURCES FOR THE SOURCE FOR THE SOURCE SOURCE FOR THE SOURCE FOR THE



## SJC students develop over 100 mobile apps

**EXPRESS NEWS SERVICE** 

Child Development

AROUND 84 students from the department of computer science of St Joseph's College uploaded nearly 105 mobile applications on Google Play. The apps help users with a plethora of options from transferring the vehicle ownership, renewing trade certificate, to lost driving license and duplication.

With an aim to increase the skills of students', a Memorandum of Understanding (MoU) has been signed between SJC Principal M Arockiasamy Xavier and Jeevanandhan Duraisamy,

veloping mobile applications that only focus on satisfying the basic needs of the city people. A number of the programme being hosted in educational institutions on Hackathon and Appathon keep public not know about the final outcomes.

This is not the case with the 'Smart City Trichy Appathon Training' that commenced at SJC on September 6. The students are taught on how to develop applications on Android platforms.

Explaining the process, Jeevanandhan said the trend of Windows to Android has come where people work faster by making few taps in their

### ISRO to set up Space Technology Incubation Centre in Tiruchi

The Indian Space Research Organisation (ISRO) has a plan to start one of its six Space Technology Incubation Centres in Tiruchi.

Disclosing this while addressing the Graduation Day of St. Joseph's College here on Sunday, K. Sivan, ISRO Chairman and Secretary, Department of Space, Government of India, said the plan was to promote space technology in unrepresented areas of the country which has Research and Develop-ment potential. Incubation centres for the entire north-eastern States at NIT-Agartala and at Jammu and Kashmir were inaugurated in 2018.

Dr. Sivan shared that the ISRO will launch GSAT-20



K. Sivan, ISRO Chairman and Secretary, Department of Space, handing over degree certificate to a student at the Graduation Day of St. Joseph's College in Tiruchi on Sunday. • M. MOORTHY

mission a calculated risk, he said it has been planned within the next three months. The landing site will be above 70 degree latitude where no one else has gone before, he said.

next four years, more than 50 spacecraft will be launched during the next four years. There was a major opportunity for indigeni-sation of avionics, Dr. Sivan said. The chief meet

sure the users breathe comfortably." According to the creators, the manufacturing cost of the face mask can take up to \$3,000 and it can be drastically reduced if produced on a large scale.

### TN PROFESSORS' HEATER BOX FACE MASK RECEIVES PATENT

JAYAKUMAR MADALA @ Tiruch

PROFESSORS from St Joseph's College along with Annai College of Arts and Science and Prist University have received patent from the Government of India for designing a unique heater box face mask, which can effectively kill virus such as the control of the cont

Panangal said, "The first layer contains a HEPA filter, which does effective blocking, the second contains distinct heating components which kill all viruses and the three has cooling components to allow users freely breathe

and regulate the air heat to at-mospheric levels."

The mask will be powered by two USB storage batteries to provide effective protection for eight hours. The heating mask contains three distinct heating components, which can provide heat in 85, 83 and 75 degree Cel-sius and the cooling component can cool off in 30, 28 and 27 de-gree Celsius.

Dr Senthil Kumar added,

cance Colons, 25 Mil 21 views of 25 Mil 18 Kumar added,
"The HEPA filters are usually use the horatories to sonutrol virus. On top of this, the heating component can kill all the offer strong viruses, which escape through the filters.

Because of cooling fans, there will be no shortness of



## St Joseph's only college in TN to get special heritage status

TIMES NEWS NETWORK

Trichy: St Joseph's Autonomous College in Trichy is set to receive a special grant from the University Grants Commission (UGC) under the Special Heritage Status, the only college in the state to be recommended for the fund in the current year. A grant of Rs 1.67 crore will be provided to the college to maintain the heritage structures in the institution

The college was established in 1844 by the Fathers of Society of Jesus. In 1869, it was affiliated to the Madras University. The college celebrated its centenary in 1944 and sesquicentenary in 1995 and was awarded the Five-Star status by NAAC in 2000. The UGC recognised it as a College with Potential for Excellence (CPE) in 2004. In 2006, the college was reaccredited with A+

Grade by NAAC.

The College is owned by the Society of St.Joseph's, a body registered under Societies Regulation Act (1860) in Trichy.

Reverend Dr Andrew Francis SJ, principal, said with the grant from UGC, the college would renovate two old structures. The existing museum and herbarium building will be extended, he said.

The principal said funds have also been allocated for a six-month certificate course, one-year diploma course and a research survey where students will study the heritage structures that exist in the city in detail.

According to a list released by the UGC, a total of 19 colleges in the country have been selected under the scheme. The five colleges from the state that sent proposals got rejected except for the 171-year-old insti-

## College gets Messier telescop

'Plans are afoot to study atmosphere of Venus, Jupiter, sun'



Collector S Sivarasu inaugurates the Messier telescope at St. Joseph's College in Tiruchi on Friday, Principal Rev. M. Arockiasamy Xavier is seen. • M. Monarto

SPECIAL CORRESPONDENT

A Messier telescope de signed by Stephen Hawk ing's Innovation Club, which can resolve objects separated by a distance of 8.457 arcseconds, was inaugurated at the Department of Physics, Joseph's College, on

According to P. Christu-raj, Club Coordinator, double stars, nebulae, craters of the moon and Apollo landing sites, besides Saturn's rings and crescent of Venus the telescope

Plans were afoot to study the atmosphere of Venus, Ju piter and sun, he said, exuding confidence that visible electromagnetic spectrum of each individual stars could be collected by using a stellar grating and a CCD (Charge-coupled device) sensor, mounting them on our messier telescope. Mes sier has a 250 mm diameter of parabolic primary optical mirror that collects a large amount of light and has a fo cal ratio of f/5 which is a fast

telescope. The fine arrange ment of the optical components give us a sharp image the heavenly which is crucial for useful astronomical studies, N. Ravi. Head, Department of Physics, said.

The telescope was inaugurated by Collector S. Sivarasu in the presence of Principal Rev. Fr. Arockiasamy.

K. Balakrishnan, Founder, Trichy Astro Club, delivered a talk on basic astronomy and telescopes on the occasion.

### Tulasi extraction process gets patent

IOSE X JOSEPH @ Trachy

MEDICINAL properties of Tulast are often praised by traditional medical practitioners.
Now, the process of extracting
a particular molecule from the
plant and introducing it to cancer cell to prevent its proliferation has received patent from
German government. The
study was done by research
scholar Asha Monica, under
the guidance of Dr Senthil Kumar of Department of Botany
of St Joseph College in
Tiruchy.
"We extracted a molecule from We extracted a molecule from

"We extracted a molecule from Tulasi and introduced it into the breast cancer cell liner. Our research found that the mole-cule from arrested the growth of breast cancer cell. After get-ting permission from our gov-ernment, we submitted the work for patent. We are glad the study got the patent from Ger-study source and the patent from Ger-till Kumar. Explaining the fur-ther stages of the research, Asha Monica said, "In the next stage, we will collect the same stage, we will collect the same



Asha Monica presenting the certificate to St Joseph College Principal M Arockiasamy Xavier [ м х дэнок кимак

molecule from the plant grown in different districts of Tamil Nadu. We will analyse whether molecules from the plant grown in different districts give the same results. Sometimes, the same molecule collected from a

same molecule collected from a plant in another district can give better results."

Dr Senthil Kumar expressed
the hope that the study would help in the production of cheap-er medicine for breast cancer.
"Tulasi is a common plant and we can find it in most of the

places. We have been using it for several generations. I hope the study comes up with cheaper medicine for breast cancer. We are trying our best to make that possible and it would also be of great help to our farmers," he said, "line he last four months, our college has secured about three patents. The main aim of our research is to ensure beterment to the common people."

## St Joseph's College helps farmers, SHGs earn an income from moringa leaves

TIMES NEWS NETWORK

Trichy: Tapping the market potential for moringa leaf powder the 8H Joseph Col-lege has roped in far res and self they group (SHG) and self they group (SHG) moringa with the self-cities and self-cities and self-cities and self-pential to the self-pential to the self-ter self-ter self-ter self-ter self-ter self-pential to the self-ter self-

In Transitiution has taken up the project with the perennial funding under Unnath Bharath Abhiyan 2.0, sponsored by the Union Ministry of Human Resource Development.

Shepherd—the extension programme department of the college—has taken up the initiative with a mission to India in Identify ing development challenges and evolving appropriate solutions for accelerating sustainable growth, organizers of the event said.

The project was taken up

The project was taken up as part of eradicating mal-nutrition from villages, ma-



EMPOWERING FARMERS: The moringa value-added p production unit was opened at Nagamangalam in Trichy

inly adolescent girls and lac-tating and pregnant women. The institution has adopted five clusters of villages and furmers who have raised mo-rings trees among them wo-uld sell their produce to the self help groups. The groups in self help groups. The groups in leaves and pack the powder in packets in a hygienic man-

The institution has adopted five clusters of villages and farmers who have raised moringa trees among them would sell their produce to SHGs



Jackson, panchayat presidentof Nagamnagalam.
Around 50 farmers, SHG members and students participated in the event.
During the function, the beneficiaries learnt techniques in processing moringa.

## ques in processing moringa leaves and marketing techni-

### Clinical trials with stem cell application for major diseases on the rise



### Joseph Start-up Centre inaugurated

SPECIAL CORRESPONDENT

St. Joseph's College in the ci-

launched a Start-up Centre at its campus on dent associates would also be available.

The start-up centre would facilitate collaborative ventures and blended teaching, learning and innovation. It

products such as magnetic stirrer, LED lights, automatic sanitiser dispenser, portable telescope and a few apps.

The centre was inaugurat-

## Renovated, century-old museum at St Joseph's to reopen on Friday

### 175th Anniv Celebrations

@timesgroup.com

Trichy: Located in the heart of the city. Trichlites must have visited the go-

### HERITAGE VALUE

> St Joseph's college is the state to get special heritage status

A grant of ₹1.67Cr 1.000





weaponry.

A lot of school children have visited museum over the years, however, being an educational institution the museum is not open for the

The principal said that preservation of such museum is the real challenge and keeping it open for public

The first book lists 1,154 plant species growing on the campus and the second book traces the history of the college from 1844 to 2018. "The books are response to the research recognition

to the institution by the

# St. Joseph's College made member of

mil Nad ll also be teon Int for the

s' is plan ttimand will be fo

National Rural Entrepreneurship Mission SPECIAL CORRESPONDENT

The Mahatma Gandhi National Council of Rural Education functioning under the Union Ministry of Education has recognsied St. Joseph's College, Tiruchi, as member, National Rural

personality development, technology, entrepreneurship, and rural engagement, with the objective of promoting entrepreneurship among students.

Working groups have been consituted for imma Gandhi National Council of Rural Education.

The college, the certification indicates, has been recognised for its thrust on environment, entrepreneurship and communic

Arockiasamy Xavier, said.

The rural outreach activ ities of the college that could not be continued since the start of COVID-19 lockdown over the last few months will possibly be revived after a couple of nonths, according to Fr. rockiasamy Xavier

Imp arin entre

ntra n is

St. Joseph's Colleg achieve universit

SPECIAL CORRESPONDENT

In the backdrop of the University Grants Commission (UGC) encouraging autonomous colleges of repute to transform into universities, St. Joseph's College, Tiruchi,



ese students develop sanitary ds out of seema katralai fibres

w students of St Joseph's College w students of St Joseph's College, richy, along with one of their pro-ssors, have come up with a budg-ly and eco-friendly sanitary nap-arently, each napkin, made using res, costs just 72. An idea initiated by Dr T Francis Xavier, assistant or it — Seesaw department, has now



அப்துல்கலாமும், ஜோ**சப் கல்லு**ாரியும்..!

## Two air pollution monitoring stations go live Air quality monitoring machines installed in St Joseph College, Bharathidasan University among 28 places in TN

JOSE K JOSEPH @Tiruchy

CHIEF Minister Edappadi K Palaniswami on Wednesday Palaniswami on Wednesday commissioned air quality mon-itoring stations established at

commissioned air quality montioring stations established at
28 places across the State, in28 places across the State, including St Joseph College and
Bharathidasan University
premises, through video conference from Chennal.

The systems installed will
monitor air quality and share
the data with Tamil Nadu Pollution Control Board (TNPCB).
Lution Control Board (TNPCB).
Though TNPCB installed the
system in St Joseph College in
January last, the imauguration
was delayed.

The project is the brainchild
of former Chief Minister J Jayalalithaa who, in 2015, analalithaa who, in 2015, announced that air quality moninounced that air quality monitoring systems would be



Air quality monitoring centre inaugurated in Bharathidasan University (left) and St. Joseph College on Wednesday | EXPARSS "It is a welcome initiative by the government. We are glad that they selected our college for setting up the facility. We are already conducting several are already conducting the

about the environment. Since we are having the access to the air pollution data, we hope that it would further help our stu-dents to have better under-standing of pollution levels and standing of pollution levels and

said Dr M Amekias Xavier, Principal, St Joseph College.

Sources said the stations can assess the quality of air in a five-kilometre radius. The cen-tre at St Joseph College would

M Arocklasamy Xavier, Principal of St Joseph College give the pollution level in Chathiram bus stand and Rockfort. The systems will give real-time information of particulate (PM 2.5, 10) and other pollutions (Sulphur Ploxide, Ammonia, Caroon Monoxide, etc...). The information would be displayed for the public at the entrance of the two institutions. "Officials should install some board in Tamil near display board in Tamil near display system. Then, the information would be more noticeable for would be more noticeable for whe public." said T Arivalagan, a resident.

We are glad that they selected our college for setting up the facility. We are already conducting several initiatives to enhance the knowledge of our students about environment



## ransform demographić dividend into human resource' THE VALEDICTION OF

nelise the benefit of demographic dividend human th scaling up Gross Enresource nt Ratio (GER) in highcation, liberalisation cation from the con-

of excessive regulad tuning educational o needs of markets munities were emby speakers at an onal Colloquium on es of Higher Educa-21st Century' con-

St. Joseph's Colhi, as part of its (Dodransbicenelebrations on

by Rev. Fr. Peter ege Secretary, im witnessed a panel of naFormer DGP A.X. Alexande Award' at St. Joseph's Colle

College in Andhra Pradesh, St. Xavier's College, Palayamkottai and St. Xavier's Institution

Vettuvanmadam. Anthony De Sa, Chairman Anthony De Sa, Chairman of Real Estate Regulatory Authority of Madhya Pra-desh and former Chief Secretary of MP, who moderated the discussion, said in his

SPECIAL CORRESPONDENT

St. Joseph's College on Tuesday handed over \$20 lakh financial assistance to 900 economically backward families and to 100 of its CO-VID-affected students in Tineighbouring

S. Inigo Irudayaraj, MLA, Tiruchi East, handed over

the next two days, Principal Rev. Fr. M. Arockiasamy Xa-

Joseph Institute of Manvier said.

agement, St. Joseph's Alumni
Association and
Jesuit Management mobilised CXVID-19 the amount together for dis-tribution to the needy. The U.S Chapter of St. Joseph's Alumni extended support to 200 families from 20 villages

its 34 lakh contribution.

families

Pudukottai districts by field

tors consultation with panchayat

leaders, ward members and local contact persons. Beneficiaries mostly comprised vidows, orphans, semi-orphans, people with disabilities, and deserving poor in

St. Joseph's College donates ₹20 lakh to the needy below poverty line category.
The college, Fr. Arockisa
my said, through its Empo
werment Centre identifies about 100 students affected by COVID-19 to receive final cial assistance of \$2,000 each, which would be credit ed to their bank accounts od to their bank accounts
During the first wave of CO
VID-19, the college reaches
out to transgenders in Tira
verumbur, Palakarai
Vayalur areas and provide
them with financial as

ஆவு பொருட்களிலிருத் விளக்கினர். (குப்பைகளையும் காசாக்







of SJC.

Awardee Major M. Saravanan, the illustrious alumnus















## ST. JOSEPH'S COLLEGE (AUTONOMOUS)

Accredited at A++ Grade (4th Cycle) by NAAC
Special Heritage Status awarded by UGC, College with Potential for Excellence by UGC
DBT - STAR & DST-FIST Sponsored College
TIRUCHIRAPPALLI - 620 002.

## UNIVERSITY RANK HOLDERS (UG) 2020 – 2021



P. ARUNMOZHI 18UBO148



A.V. YASHWANTH 18UEC148



D. JOY 18UEL 506



K. KABILAN 18UHS138



## UNIVERSITY RANK HOLDERS (PG) 2020 – 2021



SHRITILEKA DASH 19PBI822



REIYA BOSCO D 19PBT811



DHINA INFANT MARIA 19PEL810



M RESHMA 19PHR122



ANN MARY ABRAHAM 19PBO116



E. ANNI SELVA INIBA 19PEN107



J KARTHIK 19PTA802



A. ASHWARYA 19PIT802



A. MELVIN MITCHAL 19PCH104

## **UNDERGRADUATE PROGRAMMES**

S. No	PROGRAMME	ELIGIBILITY REQUIREMENTS
3. 140	FROGRAMME	ELIGIBILITI REQUIREIVIENTS
ARTS		
1	B.A. Economics*	1. Economics 2. Commerce / Business Studies 3. Accountancy 4. Any other
2	B.A. English Literature	
3	B.A. History*	Any Group in +2 (or) Equivalent Examination
4	B.A. Tamil Literature*	
CON	MERCE	
5	B.Com.	Commerce / Business studies 2. Accountancy 3. Economics / Computer     Science 4. Mathematics / Business Maths / Statistics
SCIE	NCE	
6	B.Sc. Botany*	1. Biology 2. Physics 3. Chemistry 4. Any other
U	·	1. Botany 2. Zoology 3. Chemistry 4. Physics
7	B.Sc. Chemistry	1. Physics 2. Chemistry 3. Mathematics
8	B.Sc. Computer Science	<ol> <li>Computer Science</li> <li>Mathematics</li> <li>Physics</li> <li>Any other</li> <li>Mathematics</li> <li>Physics</li> <li>Chemistry</li> <li>Biology</li> </ol>
9	B.Sc. Mathematics	1. Mathematics 2. Chemistry 3. Physics 4. Any other
10	B.Sc. Physics	ulio
11	B.Sc. Statistics*	Any Group in +2 with Mathematics / Business Maths / Statistics as one of the subjects
B. Vo	oc.	
12	B.Voc. Viscom. Technology*	
	B.Voc. Software	Any Croun in 12 (or) Equivalent Evamination
13	Development & System	Any Group in +2 (or) Equivalent Examination
	Administration*	
4.85		
ART	\$	
1	B.A English Literature*	Any Group in +2 (or) Equivalent Examination
		Any Group in +2 (or) Equivalent Examination
2	B.B.A.	(Commerce, Economics & Accountancy are the preferable groups)
CON	1MERCE	
3	B.Com.	1. Commerce / Business studies 2. Accountancy 3. Economics
4	B.Com. (Computer App.)	4. Mathematics / Business Maths / Statistics / Computer Application
5	B.Com. Honours* **	, , , , , , , , , , , , , , , , , , ,
SCIE	NCE	
6`	B.C.A	Any Group in +2 with Mathematics as one of the subjects
7	B.Sc. Computer Science	1. Computer Science 2. Mathematics 3. Physics 4. Any other 1. Mathematics 3. Physics 3. Chemistry 4. Biology
	B.Sc. Electronics*	3.1 Hysics 3. Chemistry 4. Biology
8	(8:30 a.m. to 1:20 p.m.)	4 Planting
9	B.Sc. Mathematics*	1. Physics 2. Mathematics 3. Chemistry 4. Any other
10	B.Sc. Physics*	
11	B.Sc. Visual Communication*	Any Group in +2 (or) Equivalent Examination
	I .	

<sup>\*</sup> Girls can apply for these programmes  $\mid$  \*\* Class Timing: 9 a.m. to 4 p.m.

## **POSTGRADUATE PROGRAMMES**

#### **ARTS** M.A. Economics **B.A.** Economics 2 M.A. English Literature B.A. English Literature

Any UG Degree

COMMERCE		
Λ	M Com	B Com

SCIE	NCE	
5	M.Sc. Botany	B.Sc. Botany
6	M.Sc. Chemistry	B.Sc. Chemistry with Mathematics as allied subject
7	M.Sc. Mathematics	B.Sc. Mathematics
8	M.Sc. Physics	B.Sc. Physics with Mathematics as allied subject
		Score in TANSET and a pass in UG Degree with a Core Paper on
9	MCA (AICTE Approved)	Chemistry/Computer Applications/Computer Science/ Mathematics/

ANIS		3	- A
	1	M.A. English Literature	B.A. English Literature

COMMERCE		
2	M.Com. (CA)	B.Com./B.Com. (CA)

SCIE	NCE	
3	M.Sc. Biochemistry*	B.Sc. Botany/Biochemistry/Biotechnology/Chemistry/ Microbiology/
4	M.Sc. Biotechnology*	Zoology
5	M.Sc. Chemistry	B.Sc. Chemistry with Mathematics as allied subject
6	M.Sc. Computer Science	UG Degree in Computer Science/ Information Technology/ Mathematics/Physics/Chemistry/Electronics
7	M.Sc. Data Science**	UG Degree in Computer Science / Information Technology / BCA / B.Voc. (Software Development) / B.E. / B.Tech. Degree in Computer Science, Information Technology / Any B.Sc. Degree with Mathematics / Statistics as allied subject.
8	M.Sc. Mathematics	B.Sc. Mathematics
9	M.Sc. Physics	B.Sc. Physics with Mathematics as allied subject
10	M.Sc. Counselling Psychology**	Any UG Degree
11	M.Sc. Electronics	A pass in B.Sc. Electronics and Physics
	3 4 5 6 7 8 9	4 M.Sc. Biotechnology* 5 M.Sc. Chemistry 6 M.Sc. Computer Science 7 M.Sc. Data Science** 8 M.Sc. Mathematics 9 M.Sc. Physics 10 M.Sc. Counselling Psychology**

NOTE: Girls can apply for all PG programmes | \* Class timing for these programmes is from 8:30 a.m. to 1:20 p.m.

M.A. HRM

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<sup>\*\*</sup> Class Timing: 9 a.m. to 4 p.m.

## PH.D. PROGRAMME

1	Biotechnology
2	Botany
3	Business Administration
4	Chemistry
5	Commerce
6	Computer Science
7	Economics
8	English
9	History
10	HRM
11	Mathematics
12	Physics
13	Statistics
14	Tamil

















## 9



St. Joseph's College gave me education with creativity and above all the knowledge for good life and practice. Thank you fathers, brothers and teachers who gave me learning to become a good citizen of my country.

Bharat Ratna Dr. Kalam Former President of India





All glory to the institution which has grown in popularity and usefulness and has contributed in great measure to the spread of education in South India. More than anything, the example of self-sacrifice by the Rev. Fathers belonging to the mission set before the students – the plain living, high thinking and purposeful perseverance that they embody in the persons – will be a lesson for all educational and other institutions in this country.

Raja Sir Annamalai Chettiar of Chettinad

## Testimenials





St. Joseph's College, Trichinopoly, has played a great part in the development of higher education in Southern India. Many of its former alumni who have taken the Honours Course in Physics from that college, has subsequently been research students in my laboratory and achieved conspicuous success.

Sir C.V. Raman, Nobel Laureate



For imparting education, culture and discipline, I have known no other institution which can excel it. It is my earnest prayer that this great institution should continue its good and useful work for many centuries to come.

Khan Bahadur T Khalifulleh First Councilor, Pudukottah State



One hundred years of glorious labour in the field of higher education in India stands to the credit of St. Joseph's College today.

Chevalier C.J. Varkey



St. Joseph's is a very special college and the SHEPHERD program is especially inspiring. We have learned much here and hope we can use the service learning program as a model in Japan.

Dave Bockmann, Tokyo, Japan



I am highly impressed upon the community service introduced in the curriculum of all UG and PG programmes. This will induce at least good percentage of the youngsters to take up community service.

Dr. Jeyachandran Former Member Secretary, Tamil Nadu State Council for Science and Technology, Chennai.



St. Joseph's is a great tradition which ennobles the nation.

**Dr. K. Venkatasubramaniam**Former Member, Planning Commission, New Delhi



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It is a great feeling to come to one's alma mater, the institution that made you from a lump of clay into a finished vessel so lovingly moulded by the teachers, the fragrance of which pervades all your life.

Shri. N. Gopalaswami IAS
Former Election Commissioner, Government of India



SJC made me not only a scientist, but also a good citizen of this planet.

Kuberan Balagurunathan Assistant Professor Dept. of Medical Chemistry University of Utah, USA



Given the dedicated leadership from the Rev. Fathers and faculty, I see this [college] emerging as a world-class institution, creating and shaping many young Indians to prosper and lead in the global field and also to create developed India.

Dr Y.S. Rajan Principal Advisor, CII, New Delhi



This institution has been standing as embodiment for the contributions given by Christianity to this countrymore specially – for weaker section of people. I do believe that the productivity of this institution, stands as a remarkable pillar to the various sections of the country's progress by deploying their students.

A. Raja Former Minister (Env. & Forests) Government of India, New Delhi



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Today, what I am, [is] the identity which is given to me by the college. The support and the values are engraved in my heart.

Z. Mohammed Amjad Former International Player, India







## CONTACT

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