Version: 2.0 Date: February 2021

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readme.txt

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The computer science department of B.S. Abdur Rahman Crescent Institute of Science and Techonology. firmly believes in innovation and creativity moulding into fresh ideas that can make changes. >readme.txt is a combined effort put forth by the students and professors of the department. >This magazine is an all-round report of the previous year and some honorable mentions.



VICE CHANCELLOR: DR A PEER MOHAMMED

'readme.txt', the very first edition was packed with multiple achievements from the students and professors. It was great to see how much the department had done in spite of a nationwide lockdown, especially their open event 'Intellect 2020'. The idea of including school-going children and college students was in fact brilliant and it marvelled me to see how this department is willing to nourish their pupil technologically, but also seek out their creative and passionate sides. Version 2 of readmetxt is highly anticipated and I look forward to reading all the new feathers that the department has added to their cap in these past months.



REGISTRAR: DR A.AZAD

It is, indeed, heartwarming to note that the students of Computer Science and Engineering department has brought out the second issue of the e-magazine "re-Last semester, admetxt." with all the pandemic induced restrictions and proved challenges, they their mettle by releasing their first edition that enlivened the readers' experience. This semester, they have added more hues and rich variety to the issue by unleashing their creative potential. Reading the creative works of young and fresh minds is always an enjoyable and a rewarding experience and this e-magazine "readme.txt is no exception. I am very much pleased to convey my congratulations and best wishes to the entire team.







DEAN, SCIMS: DR. VENKATESAN SELVAM

The showcase of talent from well-rounded peers is a means to motivate others that learn with them. The department which is pushing to be the best needed a voice, that has been provided through means of the ReadMe.txt magazine. The flooding in of ideas and art is truly remarkable, and I hope that it fuels the intrigue of the ones who are reading it as it has for me.



HOD: DR E.SYED MOHAMED

The magazine was put in works before the pandemic when a few students came up with the proposal to rekindle the department magazine. With sheer enthusiasm and with time on their hands due to the pandemic the students accomplished an applaud-worthy feat. The magazine showcases the thoughts and talents of the students giving us a glimpse into varied level of interests they have in things. With a little to offer to everybody, its a truly striking read.

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DEPT OF CSE

Samyuktha Prasanan CSE - A Fourth Year

The second edition to our magazine, 'ReadME.txt' has been such a joy to put together. This edition focuses more on the activities of the students and faculties who have been working endlessly this pandemic. Whoever said working from home wouldn't be fruitful.

This magazine showcases the CSE department's excellence in academics as well as extra curricular passions that have driven students to keep a straight mind and an even straight career goal.

From art to writing, cooking and even becoming debut authors and designers, the CSE department has been a sea to so many fish of different and yet, the same school.

I thank every single faculty member from the bottom of my heart for putting in as much effort as they did to make the pandemic seem like less of a burden and for supporting students in every way they virtually could.

I thank all the students for being so full of life and trying new things or brushing up on their passions and making their hearts fill with joy.

Of course times are hard, but I sure hope this magazine reminds you of how good life really is and I also hope it helps you find a path into a world of your choice.

To many more firsts in this world of lasts and wings that will fly to a wider sky.

FACULTY ACHIEVEMENTS

faculty	award	issued by
Ms.Subhashini	Participation in National build- ing project, India's Largest Career Guidance digital con- ference, 10th August 2020	World book of Records UK

faculty	award	year	date
Dr.W.Aisha Banu	Guest Lecturer in virtual Lecturer series #2 "Ge- netic Algorithm" – Uni- versitas Atma Jaya Yog- yakarta	2020	23-09-2020
Dr.Arun Roj	Chief Guest- National Level Symposium – ELAQUENCE2K19, Abdul Hakkim College ofEngi- neering	2020	29-08-2020 to 29-08-2020

Resources persons in other Universities / Colleges

NAME OF THE STUDENT

COMPANY AND PACKAGE



COMPANY AND PACKAGE

Tummala Divya Cibhi Baskar Syed Azimudeen Mohammed M Izzy Shaik Kuthubuddhin Poojitha Kumaran Mahamed Nasheen Kandrikar Vishal Krishnan S H Mohammed Naved Geriga Akanksha

> Ashwin Kumar Cibhi Baskar Abu Talha I Kiruthiga R Nivetha Gurumoorthy Raees Ahamed Praveen Raj Preethi K Shivamani A

3.36 LPA TCS Cognizant 4.5 LPA

PLACEMENTS

NAME OF THE STUDENT

COMPANY AND PACKAGE

Mohamed Nasheen Kandrikar Gireesh Mekala Ashwin Kumar Shivamani A Samual Vasanthan Raees Ahamed Mohammed Naved Sai Girish Sowgerla Awais Ahmed Shaik Kuthubuddhin Azhaan Mazhar Mohammad Mujahidulislam Accenture 4.5 LPA

PLACEMENTS

REPORT ON THE WEBINAR ON INDUSTRY INTEGRATED TEACHING & MENTORING

DATE: JUNE 10TH - 11TH JUNE 2020 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The objective of this seminar was to educate the staff members on the importance of industry integrated curriculum set up and educating the students' as per the industry's need and to groom the students towards placements in industry.

The resource person MR. M.A.Gazali, MBA, Head Strategy, 3G IRPS, IIT Madras Research Park. Gazali is our alumni. Nearly 15 faculty members participated in it.

CONVENORS

Dr. E. Syed Mohamed, HOD / CSE Dr. Venkatesan Selvam, Dean / SCIMS

CO-ORDINATORS

Dr.X.Arputha Rathna, Associate Professor / CSE Dr.Sharmila Sankar, Professor / CSE Mrs.S.P.Valli, Assistant Professor Senior Grade / CSA

5L 5D (5 COMPUTER LANGUAGES 5 DAYS) STUDENT DEVELOPMENT TRAINING PROGRAMME (SDTP) +2 AND DIPLOMA STUDENTS

DATE: 15TH JUNE 2020 TO: 19TH JUNE 2020 ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

The Department of Computer Science & Engineering organized programme 5 L 5D (5 computer Languages 5 Days) Student Development Training Programme (SDTP) for +2 and Diploma students.

The objective of the programme is programming awareness to the +2 & diploma students. This programme focused on programming languages like C, C++, Java & Python and HyperText Programming Language (HTML). Five resource persons handle 5 languages from 15th June 2020 to 19th June 2020.

CO-ORDINATORS

Dr A. Ramachandran Mr S. Syed Abdul Syed Dr L.Arunraj HOD Dr E.Syed Mohamed **DEAN / SCIMS** Dr Venkatesan Selvam

Event Reports Reported by, Mohammed Shoukath CSE - A, Second Year.

WEBINAR ON "DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND IOT: THE NEW NORMAL", SESSION — REPORT,

DATE: 26TH JUNE 2020, FRIDAY 11:00 AM TO 12:30 PM

The Department of CSE conducted the live webinar on "Data Science, Artificial Intelligence and IOT" for the students, scholars and teaching faculties. Mr Imtiyaz Sheriff. C, Director, Ideassion Technology Solutions delivered the lecture.

The impact of recent technology in Data Science, AI and IoT in the living environment was discussed in this session. The Speaker of the Session Mr Imtiyaz Sheriff. C presented the keynote address on "Data Science, Artificial Intelligence and IOT".

CONVENORS & CO-ORDINATORS

Mrs C. Hema Dr E. Syed Mohamed, Prof.&Head, CSE, Mrs Madina Banu, Dr Venkatesan Selvam, Dean, SCIMS Mr V.Balaji

RESOURCE PERSON

Mr Imtiyaz Sheriff. C, Director, Ideassion Technology Solutions

ONE-WEEK SHORT TERM TRAINING PROGRAMME (STTP) — ONLINE ON THE INTERNET OF THINGS — EVERYTHING FUTURE

SLOT -1: DATE: 24TH AUGUST 2020 TO 29TH AUGUST 2020

The department of Computer Science and Engineering, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai organized a Short Term Training Programme on Internet of Things - Everything Future in association with AICTE from 24th August 2020 to 29th August 2020. The STTP program received an overwhelming response with 160 participants from various institutions/colleges across India. This STTP is conducted for one week which comprised of a technical session and hands-on training session on IoT.

CO-ORDINATORS

Dr S.Revathi, Professor, CSE, BSA-CIST Dr.Sabiyath Fatima, CSE Dr V.Muthu Priya, CA

CONVENORS

Dr. Venkatesan Selvam, Dean, SCIMS Dr E. Syed Mohamed, Prof.&Head, CSE

SCHOOL OF COMPUTER, INFORMA-TION AND MATHEMATICAL SCIENC-ES REPORT — LIVE WEBINAR ON "CAREER OPPORTUNITIES IN LINUX AND OPEN-SOURCE SOFTWARE"

DATE: 25TH AUG 2020

The School of Computer Information and Mathematical Sciences organized an online Webinar on "Career Opportunities in Linux and Open-Source Software" in association with M/s Advantage Pro, Chennai, on 25th Aug 2020 from 3.00 pm to 4.30 pm through Google Meet. A total of 91 attended the webinar out of 189 registered participants including students and

pants including students and faculty members from various Institutions.

CONVENORS

Dr Venkatesan Selvam, Dean / SCIMS

RESOURCE PERSON

Mr N. Rajendran, Assistant Professor (Sr.Gr.) / IT

CO-ORDINATORS

Dr P. Gnanasekaran, Assistant Professor / IT Dr A.K. Ashfauk Ahamed, Assistant Professor / CSE Mr V.M. Niaz Ahamed, Assistant Professor / CA

ONE WEEK SHORT TERM TRAINING PROGRAMME (STTP) - ONLINE ON THE INTERNET OF THINGS — EVERYTHING FUTURE

DATE: 07TH SEPTEMBER 2020 TO 12TH SEPTEMBER 2020 SESSION - REPORT

The department of Computer Science and Engineering, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai organized a Short Term Training Programme on Internet of Things - Everything Future in association with AICTE from 07th September 2020 to 12th September 2020. The STTP program received an overwhelming response with 228 participants from various institutions/colleges across India. This STTP is conducted for one week which comprised of a technical session and hands-on training session of IoT.

PROGRAMME CO-ORDINATOR

Dr S.Revathi, Professor, CSE Dr.N.Sabiyath Fatima, Asso. Prof. CSE Dr Muthu Priya, Asst. Prof (Sl. Gr), CA

CONVENERS Dr. Venkatesan Selvam, Dean, SCIMS Dr E. Syed Mohamed, Prof.&Head, CSE

REPORT ON WEBINAR - CHANGES AND CHALLENGES IN GATE 2021 EXAM

DATE: SEPTEMBER 09TH, 2020 SCHOOL OF COMPUTER, INFORMATION & MATHEMATICAL SCIENCES

The objective of this webinar was to address the changes made in GATE'21 Exam.

Highlights of GATE 21 Webinar:

~Pre-final year students eligible to write GATE'21

~GATE Score Validity

Students can attempt 2 GATE Papers

~Changes made in Exam Syllabus, Exam Pattern, Exam Scoring

~Options in PSUs & Other Govt Exams

The resource person Mr Murali. K, Head-Academics, T.I.M.E, Chennai. Nearly 30 students from the Final and Pre-Final year of B.Tech actively participated in it.

CONVENORS

Dr.Venkatesan Selvam, Dean, SCIMS Dr.E. Syed Mohamed, HOD / CSE

CO-ORDINATORS

Dr X.Arputha Rathna, Associate Professor (CSE) Mr V.Balaji, AP/CSE

1 WEEK FACULTY DEVELOPMENT PROGRAMME ON DATA SCIENCE

DATE: 21ST TO 25TH SEPTEMBER 2020 | DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

One week Faculty Development Programme on Data Science was conducted from 21st to 25th September 2020 in which around 237 participated.

Mr.Sudhir Narayan Pathak	Data Scientist, Data Analytics, Singapore
Dr Golda Dilip	Associate Professor, SRM University, Chennai
Dr.V. Vijayarajan	Professor, Department of CSE. VIT, Vellore
Dr Sitabhra Sinha	Professor, Computational Biology / Theoretical Physics, The Institute of Mathematical Sciences (IMSc), Chennai
Dr.J. Alex Noel	Professor, Department of Electronic Engineering College of Engineering, Shantou University, China
Dr. Xavier Chelladurai	Professor, Computer Science and Engineering, Christ University.
Mr.Venkatesan Prabu .J	CEO, KaaShiv InfoTech, Chennai
Ms Rama Chandrasekhar	Rama Chandrasekhar is Senior Consultant, Vinieyo- ga Healing Centre, Chennai.
Lara Abiesheikh	Founder of Vinieyoga Healing Centre

WEBINAR ON "SCIENTIFIC Writing"

DATE: 7TH OCTOBER 2020 ORGANIZED BY JOURNAL CLUB OF SCIMS & SCHOOL OF COMPUTER, INFORMA-TION AND MATHEMATICAL SCIENCES, BSACIST

CO-ORDINATORS

Dr R. Priyadarshini AP (Sel.Gr.) / IT Dr. A. Ramachandran AP / CSE Dr. V. Shenbaga Priya AP / CA Dr A. Manshath AP / Mathematics

A Webinar on "Scientific Writing" was held on 7th October 2020, scheduled from 04.00 pm – 05.00 pm. It was organized by the Journal Club of SCIMS and School of Computing, Information and Mathematical Sciences.

Dr S T Deepa addressed the participants. There was no Registration Fee for the participants attending this Webinar. A total of 96 participants have registered for this webinar. 50 participants attended this online.

CONVENORS

Dr Venkatesan Selvam, Dean (SCIMS)

WEBINAR ON VIRTUAL Reality/ Augmented Reality

DATE: NOVEMBER 18TH, 2020 21/11/2020 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Webinar on Virtual Reality/ Augmented Reality has been organized by the Department of Computer Science and Engineering, B.S. Abdur Rahman Crescent Institute of Science and Technology. The total number of participants is 105.

Dr. E. Syed Mohamed – The HOD of CSE – has inaugurated the program; Dr. L. Arun Raj, Dr. A. Ramachandran and Mr. D. S. Manoj Kumar – The faculty members from the Department of Computer Science and Engineering were also available during this webinar. The resource person Dr. K. Martin Sagayam is from Karunya Institute of Technology and Sciences.

BSACIST DEPT. OF COMPUTER SCIENCE AND ENGINEERING

DATE: 3RD DECEMBER 2020 | ENTREPRENEURSHIP WEBINAR

The Department of Computer Science and Engineering in association with Office of Alumni Relations conducted a Webinar on the topic "The Entrepreneur's Guide to Getting Started "on December 3rd, 2020 with Mr Imthyaz Sheriff, Director, Ideassion Technology Solutions. There were around 45 participants. He briefed with many metrics to explain the day to day of an entrepreneur.

The vote of thanks was delivered by Mr John Mathew, Office of Alumni Relations. On behalf of the Department of CSE, Mrs S.P.Valli, Assistant Professor Selection Grade/CSE, Department Alumni Coordinator thanked the speaker, all the students and faculty participants for joining the webinar.

5L5D.JPG

15TH JUNE 2020

26TH JUNE 2020

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WEBINAR ON "DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND IOT: THE NEW NORMALJPG"



ONE-WEEK SHORT TERM TRAINING PROGRAMME (STTP).JPG



25TH AUG 2020

COMPUTER SCIENCE & ENGINEERING ASSOCIATION AND ACM STUDENT CHAPTER (11.12.2020)

INAUGURATION FUNCTION REPORT

velocie speece and prayer

The virtual inaugural function of Computer Science& Engineering association and ACM Student Chapter on December 11, 2020, for the academic year of 2019–20 by the chief guest Mr Nihal Suhail Madurai, the business analyst of Ideassion Technolgy Solution. The inauguration started with the chanting of Quirat by Mohamed Mujahidulislam, final year CSE.

VYELGOME ADDRESS

After the prayer the honourable Head of the department Dr E. Syed Mohamed delivered his welcome address to all attendees of the meeting.

eectes laural

The inaugural function had a good start by presenting the achievements of the students in the former academic year 201–20 by Mohammed Nasheen as the annual report.



2

PRESEDENTERE ADDRESS

After presenting the annual report our most honourable Vice-Chancellor Dr Peer Mohammed delivered his Presidential address to all the listeners of the meeting. He also encouraged our fellow students to build innovative things as a result of their curriculum.



Befever to Ester

Once after our honourable VC addressed about other Officials, Guest and the fellow students, on behalf of our department Sudha. M, final year CSE requested him to release the E-booklet of our department.



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Special address

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After the addressing of VC, our honourable registrar Dr A. Azad felicitated the gathering. He is a great inspiration to all of our students. Really felt proud about our department regarding the upliftment of students.



FIGENE ELEENZED

We requested our honourable registrar to deliberate about our department magazine which was released on the same day. He also wished our department to make more efforts to improve the skills of students.



view obe genes, stateded

Dean of Academic affairs addressed the fellow students regarding various opportunities in the computer science field. He is such a positive person who always been a support to our department and encouraged us in doing various activities.



Our Dean of Academic affairs next shared some information regarding our clubs which are mainly started to encourage students to do innovative works and he also invited the students to be a part of these clubs.



CEPEVERS CLASEVEROECCO SEULO

To make a clear picture about the clubs in our department Mrs. S.P. Valli, Assistant Professor (Sel. Gr) introduced the head of various clubs and encouraged the students to involve themselves in various club activities.



The most dynamic person Dr Venkatesan Selvam, Dean of School of Computer Information and Mathematical Sciences thanked our chief guest on behalf of our department and he also shared few insights regarding this field so that the students will get inspired and improve their skills.



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As the Chief Guest of the event is not known to the fellow students of our department and so Mohammed Abdul Azeem, final year CSE delivered an introductory speech about our guest Mr. Nihal Suhail Madurai, the business analyst of Ideassion Technolgy Solution.

Reactors address

10

22

Once after the introduction about our guest, Mr Nihal Suhail Madurai addressed the gathering and thanked our department for giving this opportunity to address the attendees and inspire them to make a successful life.





Mr. Nihal Suhail Madurai, guest of the day has delivered a technical talk on topic "TECHNOLOGY TRENDS".

He explained about various emerging technologies such as Artificial Intelligence, Machine learning, Robotics etc. He also shared his experience of being a student to a successful entrepreneur.



Since coding is being a big deal nowadays our guest also explained the non-coding side of the IT sector and listed the job roles available in this sector.



The above slide clearly explains the field which only needs less amount of coding such as business analysis, marketing, dealing with data etc. he also talked about interesting job roles which can more trend in upcoming years.



At last, he requested all the students to get industry experience by doing various internships and real-time projects. He also asked everyone to develop their linked in profile which would fetch more job opportunities. Hence doing different internships will help the students to gain the industry experience which fades their fear about the industry in real-time.



To thank the guest of the day and other honourable officials of our college and department Azhaan Mazhar, final year CSE rendered his vote of thanks to the gathering.

Thus, by thanking all the staff and the student coordinators, faculty members and fellow students for making this event successful and ended fruitful for the students.



LECT 2K20

Valedictory function & Virtual Prize Distribution Syed Javeed Pasha; E. Syed Mohamed, "Novel Feature Reduction (NFR) Model With Machine Learning and Data Mining Algorithms for Effective Disease Risk Prediction", IEEE, Vol.8, PP.184087 – 184108, October 2020. DOI: 10.1109/ACCESS.2020.3028714 [Scopus Indexed] IF: 3.746

S.P.Valli and Sharmila Sankar," An Analysis on the Impact of Mobility and Sustainability of TCP Performance in Mobile Adhoc Networks", Journal of Green Computing, Vol.10, No.9,September 2020, [Scopus Indexed]IF:0.19

U. Kumaran , A. Ramachandran, J. Jegan , E. K. Subramanian Ramachandran, "Enhanced routing for secured ad-hoc network", Indonesian Journal of Electrical Engineering and Computer Science", Vol. 19, No. 2, PP. 949–956, 2020, [Scopus Indexed]IF:0.21

D. Menega and S.Revathi, "An empirical study of cancer classification techniques based on the neural networks" Biomedical Engineering: Applications, Basis and Communications, Vol. 32, No. 2, 2020 [Scopus Indexed]IF:0.19

Niha Kamal Basha, Aisha Banu Wahab, "Single Channel EEG Signal for Automatic Detection of Absence Seizure using Convolutional Neural Network", Recent Advances in Computer Science and Communications, DOI : 10.2174/2666255813666191122114608, 2020. [Scopus Indexed]IF:0.3

U Kumaran, A Ramachandran, J Jegan, E.K. Subramanian, "Enhanced routing for secured ad-hoc network", Indonesian Journal of Electrical Engineering and Computer Science, Vol. 19, No. 2, pp.949–956, August 2020. [Scopus Indexed]IF:0.21

Balamanigandan R, Ramachandran A, Jeejo Vetharaj, S. John Justin Thangaraj, "'Artificial Intelligence Empowered CT Image Processing for Covid–19 Diagnosis", International Journal of Advanced Science and Technology, Vol. 29, No. 7s, (2020), pp. 4649 – 4652, July 2020.

Ramachandran. A, E. K. Subramanian,U.Kumaran, J.Jegan, "A Medical Image Encryption Scheme Using Chaotic Random Sequence", International Journal of Advanced Science and Technology, Vol. 29, No. 7s, pp. 4856 – 4864, July 2020. [Scopus Indexed]IF:0.11

NATIONAL & INTERNATIONAL CONFERENCES

L.Arun Raj, "Skin Cancer Prediction Using Machine Learning Algorithms", International Conference on Recent Trends in Advanced Computing (ICRT-AC), Springer, Chennai, December 2020.

L.Arun Raj, "A Survey on Prediction of Health Insurance Frauds Using Machine Learning", International Conference on Cutting Edge Technologies in Electrical, Communication, Embedded System and Soft Computing Techniques (ICECES'20) – AICTE, Tiruchirappalli, November 2020.

L.Arun Raj, "Analysis of Classification Models to Predict the Post Graduate Admissions", International Conference on Cutting Edge Technologies in Electrical, Communication, Embedded System and Soft Computing Techniques (ICECES'20) – AICTE, Tiruchirappalli, November 2020.

Vijayalakshmi C, "Semantic similarity check Answers Retrieval for Web Forum Questions", Virtual Conference on Artificial Intelligence, Network Security, Data Science and IoT(National Conference), VCANDO 2020, 6th–7th August 2020.

L.Arun Raj, "Detection of Fake News on Social Networks Using Machine Learning Techniques", International e-Conference on Information, Communication and Networking (IECICN), July 2020.

L.Arun Raj, "An Efficient Scene Content–Based Indexing and Retrieval on Video Lectures", 6th International Conference on Information System Design and Intelligent Applications – Intelligent System Design – Springer, August 2020.

L.Arun Raj, "An Efficient Text–Based Image Retrieval Using Natural Language Processing (NLP) Techniques", 6th International Conference on Information System Design and Intelligent Applications – Intelligent System Design – Springer, August 2020.

Vijayalakshmi C, "Personalization of Data Using Machine Learning", International Conference on Computing, Communication and Information Technology, 30th– 31st July 2020.

Syed Thouheed Ahmed, Sharmila Sankar, "Investigative Protocol Design of Layer Optimized Image Compression in Telemedicine Environment", Precedia Computer Science, Elsevier, Volume 167, 2020, Pages 2617–2622, https://doi.org/10.1016/j.procs.2020.03.323.

A.Ramachandran, "The present plight of the fishing industry", Virtual Conference on Artificial Intelligence, Network Security, Data Science and iOt (National Level) organized by Department of Computer Science & Engineering, In association with Computer Society of India, Velammal Engineering College, Chennai on 06 & 07 August 2020.



COKING AVANTHE PARDENO PARDENO Pasta

INGREDIENTS:]Pasta—250gm] Water—1 litre 10il—2tbs]Butter−5⊘gm Cumin seeds—ltbs 10nion—2 Dry Red chilli-5nos] Cashew nuts−2⊘gm Tomato-2] Ginger Garlic paste—ltbs Chilli powder—2tbs ∃Garam Masala—1/2tbs Coriander powder—ltbs Cornflour-2tbs Milk—1/4litre Green Chilli–2nos] Chilli Flakes—2tbs Salt-As Required Cheese-20gm



1.In a pan add a litre of water, salt, oil(2tbs) let it boil up to 5mins.Then add 250 gms of pasta and cook up to 10mins.

2.Drain the water from the pasta and wash it off with cold water.

3.To prepare Makhani Sauce, In a pan add 20gms of butter, cumin seeds(1tbs), onion(2), Cashew nuts(20gm) , Dry red chilli(5nos), salt a pinch and sauté everything well for 5 mins.

4.Now add tomato(2nos),ginger garlic paste(1tbs),chilli powder(2tbs),garam masala(1/2tbs), coriander powder(1tbs),mix everthing well and add a cup of water,let it cook for 5 mins.

5.Grind the above-sautéed ingredients into a paste.

6.To make the white sauce, in a pan add 30gms of butter, Cornflour(2tbs) and milk(1/4lit) let it boil for five mins until it comes into a sauce consistency.

7.Add the ground paste into the white sauce and mix well, then add chopped green chilli(2nos), Chilli flakes(2tbs), Grated cheese–(20gms) . Let the cheese melt, now add the cooked pasta into the sauce and stir everything well.

8. *Makhani Sauce Pasta* ready!" IT'S TIME TO SERVE"







Decoding Stock Market



Decoding Stock Market – Written by Adithya Raj, a final year student in our department from 'A' section.

He was able to compile and efficiently write a splendid book about the basics into the stockmarket. This is a must-read if you are into sales or have the slightest interest in investments.

This book is available in various formates.

Here's the link: https://lnks.cc/AdithyaRaj 8 days to december



8 Days to December – Written by Samyuktha Prasanan from CSE-A, a final year student is a poetry book that depicts mixed feelings and emotions that she felt during the last 8 days of december. This book is a good read for those who love indulging in poetry.

This book is available in a paperback format on Amazon and the Notion press store.



My Shining Armour

You took all my pain in your account

Provid<mark>ed me with all the comfo<mark>rts I couldn't dream of</mark></mark>

You a<mark>re the moon and I'm</mark> the st<mark>ar twinkling around</mark>

Witho<mark>ut you, my existence</mark> has no stature

My ho<mark>pe of light,</mark>

One-stop solution for the unforeseen plight;

The O<mark>cean of happiness;</mark>

It is your goodness that I'm being able to live my life.

Brune<mark>tte now turned grey</mark>

It is almost seemed to appear as hay.

Then clear and wrinkleless skin, n<mark>ow lost it shade</mark>

Leaving the imprints of ageing.

- Durrah <mark>Ismail Nasir (CSE Year II)</mark>

Light Flight

"Why can't you see

that you're loved?

Why i<mark>s your soul</mark>

so da<mark>rk?</mark>

When will you see

the d<mark>aylight?</mark>

When will your poetry

fly from this dark night?"

I have no answers

to an<mark>y of those questions,</mark>

but o<mark>ne thing's for sure</mark>

and my heartbeat's not dead,

I shuf<mark>fle through emotions</mark>

like th<mark>ey're a deck of cards</mark>

oh, di<mark>d you know that I didn't</mark>

know how to play though?

The scenery in my eyes so gray, it never stops, the melancholy,

oh, how I wish that my poetry had happy notes,

didn't see this coming

don't know what to say,

but it'<mark>s nothing personal,</mark>

I wan<mark>t to see light just like you.</mark>

-Samyuk<mark>ha Prasanan (CSE-A, Year IU)</mark>

Stay

"Friends?" , she gleefully asked,

"Definitely", I wilfully replied.

We both chuckled as we got on the train,

Almo<mark>st falling off the edge as it caught up it's speed.</mark>

We didn't have a ticket, but we did have an eye for the conductor and among us the craziness to risk it all as long as we were together, having our fun.

We spent our time shuffling through the streets of the city, in search of the perfect dish. I had a sweet tooth, her? Not so much. She liked it tangy and mellow. Many a times, I felt the world slow down, the lights a little brighter, her hair more fragrant and her face more flagrant as we got closer, until there was no more space left between us. As she confronted me on my intentions, I confessed with a cowering anticipation, I hoped for the best. The best is what happened, but only for sometime. I harboured a past, a dark one, a prison I wanted to break free from, she extended her hand, pulling me away from all the pain. But alas, the skeletons of yesterday, suffocated the dreams of tomorrow, as it all started to come together, only to fall apart.

As th<mark>e grim plotter, fate had decided for it to be this way, when all I ever wanted was for you to stay.</mark>

-Hussain Barad (CSE - B, III)

DEPT OF CSE

READMETXT 2.0

Everyone needs a hobby, as the old saying goes. Hobbies help develop our tastes and our passions in life.In this day and age where some people do not have the time to even take a deep breath, you should feel lucky that you have some free time on your hands, so rather than just spending your time lying around and doing nothing you ought to make each and every moment count by doing something productive that interests you. Thankfully, there are plenty of pastimes that you can do in the comfort of your own home that (brace yourself) don't involve scrolling on Instagram.



1.Workout at home

In today's world, the reality of it is people don't have time to go to a facility every day anyway(also they have become lazy).You can complete a perfectly good fitness routine at home, using nothing more than your own bodyweight.Another option for training at home is to follow a workout video.There are plenty of these videos available online for you to choose from and they rarely involve any additional equipment besides yourself or use a fitness app(it really does work).No monthly gym fees. It's free to workout at home.

It focuses on building up core strength, control, self-discipline and focusing on a key, singular vision – all key practices which could prove to be extremely relevant and transferable in terms of productivity in other areas of your life.

2.Painting

Painting may not seem like a particularly productive hobby, but it can lend some wonderful perspective on your life and can help unleash your creative side.

Painting allows you to tap into the thoughts, desires, and feelings swimming around in your head, and can help translate them into something physical. Your painting might even inspire you to be more productive in the workplace, so go ahead and pick up a paintbrush.

Drawing

If painting isn't your thing, try drawing. You just need some A4 sheet and some crayons or pencils and oil pastels. And like painting, you can self-teach using online instruction(youtube), and lots of practice.

3.Cooking

Cooking is one of the most productive hobbies out there, and something everyone should consider trying their hand at.Cooking requires very less resources to experiment and We all have basic utensils and ingredients at home. It also does not require a specific qualification to try with.... rather, no qualification. Only passion for tasty food is enough.Anyways, we require at least 3 meals per day; 90 per month; 1095 in a year. It's wiser to learn cooking. Iry this when stress, frustration or boredom occupies you. Cooking is also a productive time pass. It gives our mind a break from routine work. It also adds ownership value to your life in terms of hygiene and timings of meals. It brings a feeling of awesomeness. I have learnt few dishes over a period of time by watching YouTube channels.

4.Playing Video Games

Sure, playing video games might seem like a waste of time, but as a Gamer i can tell you that the roles and rules inherent within video games can actually make you more productive.

Video games encourage focus, determination, trying again and again even if you fail the first time around, teamwork,cooperation and also boosts your confidence. These are all useful and admirable traits that will make anyone more driven and productive at work.

But dont let yourself get addicted to video games.

5.Learn Photoshop

While Photoshop is primarily a work tool, it can also be a rewarding hobby. If you're looking for an outlet for your creative talents or doing something different to your everyday work, then using Photoshop can be a lot of fun.learning the basics of Photoshop isn't that hard and won't take you much time. Where Photoshop can get frustrating is if you jump straight into it's more intermediate and advanced features.

6.Spend some time in your personal care:

Okay, now this is not a hobby but what is more important than taking care of yourself.

A great way to productively spend your free time would be looking into your personal care. Whether it is your nails that need filing, your clothes that need ironing, your hair that needs to be oiled or your shoes that need to be polished, you should look into it.

Only when you look good can you feel good. If you have a haphazard and shabby look about you then people are unlikely to give you the respect that you deserve.

7.Foster an animal

Fostering animals is an incredibly awesome way to spend your time. Reach out to your local animal shelter and see how you can get involved to help furry friends in need.

many of us remain unaware of the physical and mental health benefits that can also accompany the pleasure of snuggling up to a furry friend. Studies have shown that Pet owners are less likely to suffer from depression than those without pets and Playing with a dog or cat can elevate levels of serotonin and dopamine, which calm and relax.

Here the difficult part might be convincing your parents.

8.Gardening

Is there anything more inherently relaxing, at least in theory, than gardening?

Gardening is not only a pleasant and relaxing pastime, it's also a fantastic way to boost your productivity.How?

Gardening allows you to relax and unwind, conserving your energies for the frantic days ahead you might have.Gardening is Not Only Fun and Engaging, It Benefits You in Many Ways.When initially starting out, gardening can seem a bit overwhelming as it takes a bit of effort to really get it going but the feeling is undescribeable when you feel into the fresh air, helping you to unwind after a hard day. Mentally, your focus will shift to nurturing the garden—this allows the daily bothers to slip away.It is also a Great Source of Vitamin D.

Many people don't realize that they are lacking in vitamin D, and gardening will ensure that the body gets all that it needsGardening can be fulfilling and therapeutic, as well as entertaining. Buy a few cheap packets of seeds, and see what you can grow!

-Mohammed Adnan Baig G

(CSE-A Year II)

Universities worldwide have seen a consistent rise in Indian students enrolling for a degree away from their hometown. The primary motivation behind their choice is that the Indián job market acknowledges à degrée from a top international university more than an Indian's Bachelor's or Master's degree.

Additionally, colleges from different countries provide top quality higher education, far better comforts, and most importantly, concentrate further on research than Indian universities. So, which are the best countries to study abroad?

-Vishaal S (CSE – A. IV vear

No worries, I got you covered. Here are the top preferred countries for pursuing masters.

-Canada -Germany -Australia -United States

Canada

House to over 200,000 international students, Canada is an influential global player in higher education. Its reputation with overseas students comes as no surprise – famously receptive and with various genuinely world-class multiversity's. Canada makes a lot of sense for postgraduates exploring a glorious country to study for a Master's program this year because of the tollowing reasons.

- Global standpoint Over 200 nationalities are described by the student body in Canada, and Canadian society is one of the most diverse in the world.
- **Expenditure in education** Tertiary education in Canada holds high government spending levels, putting it near the top of OECD countries in terms of state support for higher education.
- **Bilingualism** With two standard languages (English and French) and a multicultural community, Canada allows the chance to learn a new language or to develop your existing skills.
- Post-Masters breaks If you're keen to stay in Canada after finishing your studies, you might be qualified for a post-graduation work permit, enabling you to work in the country for the same span as your program.
- Stage of life The measure of living in Canada is too high, and the nation as a whole is a safe and stable environment in which to study.

Germany

While conversing with a Canadian university and college learners, I realized many Canadians are fascinated in studying in Germany. Not everyone follows through on this, though, and there may be different possible understandings for this: a semester abroad could increase Canadian undergraduate studies, while abroad some students may still have to pay tuition at their Canadian university, some may not want to desert their friends for a whole semester, etc. Below are some of the reasons for pursuing a master's in Germany.

Travelling around europe will be in your bucket list.!

Why not travel across Europe while we study in Germany? Germany is in the center of Europe, making it an ideal starting point for your European tour! You can quickly travel to most European countries by bus or train. Public transportation can support you everywhere. Check out Interrail – a flat rate pass for trains and is ideal for exploring the whole continent.

• Most of the time it is free!

Yes, there are modest fees per term for the learner union or public transportation, but this is only an outlay to a part of Canada's tuition costs or the USA. Going to college for free, you all can consume your funds on all the other things that come with examining overseas – accommodation, flights, and purchasing tokens for your family.

Australia:

Located in the Southern Hemisphere, Australia is renowned for surfing, kangaroos, and a sunny climate. The country covers 7.69 million square kilometers, presenting it as the 6th most prominent nation globally. Australia is home to over 25 million people and is amazingly distinct. Its rich culture and past are founded on its Indigenous culture and a combination of energetic lifestyles. Australia is a global leader in learning. This makes it a public study destination for international students.

• Broad of programs and adjustable timing of sessions

Australian pedagogy is well appreciated worldwide. A student who wants to consider Australia will get a fortune to choose any practice from a diverse chain of classes that will render him or her absolute knowledge of an appropriate field. Australian colleges offer manageable timings to international scholars to efficiently succeed in their studies and work timings. Students can audit sessions as per their acceptance of timings; they immediately need to report to the university about their timings.

• Cost and fee structure

The fee structure of Australia is comparatively affordable to other countries. Not only fees but also Australia's living cost is very reasonable to a student from a middle-class family. Australia has a flexible finance arrangement that presents many possibilities for students reliable to go and study there. The Australian government offers work permits to international students to earn by themselves and live by themselves once they get their job.

• People and lifestyle

Aussies are incredibly welcoming, and they love to accept new people with their open hearts. They are friendly with everyone. They are forever ready to accommodate anyone, no matter whether they are known or unidentified. Australia has several citizens with numerous cultures and traditions. Lifestyle in Australia is much more critical than in other lands. This country has many cities that contain high living standards. Australia's basic wage is higher than other countries' pay, which helps students manage their lives better, and the students can plan their profits and risks.

United States of America

Pursuing a master's in the USA is for individuals who wish to undergo additional studies after finishing their convocation courses. These courses comprise exhibiting a mastery or high-order summary of a specific field of study or area of professional training. In short, it is an additional specialization in the student's preferred area of study. Taking a master's course helps students increase their knowledge base but is even a requirement in many jobs and positions. Below are listed benefits of choosing the United States over other countries.

• Choose from a broad range of programs

With over 4,500 US colleges awarding undergraduate degrees and opportunities to combine multiple titles as 'majors' and 'minors,' the US is the place you go to attempt with various classes and subjects. There is no other nation in the globe where you can discover such a distinct range of applications and versatility. You will be able to consider unusual or the most innovative topics and interact with well-known learners who will guide you during your study years. The substantial number of US universities and institutes also suggests you have many options for determining the kind of expertise you want. Recognize the university's location, courses, accommodation, size, faculty, student body, tuition fees, sports programs, facilities, and more.

• Learn at high-quality establishments

It's not a mystery that many of the world's best universities are located in the US. According to the QS World rankings, half of the best ten best colleges in the world are located in the US. These are MIT, Harvard, Stanford, Caltech, and the University of Chicago, but besides those well-known titles, the US is home to a number of different prestigious universities and colleges. No matter how the state of the US you prefer to study, you will have loads of wonderful choices to improve your education. The powerful reputation of US academies will rapidly

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REPORTER & WRITER ADNAN

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thank you for reading.



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