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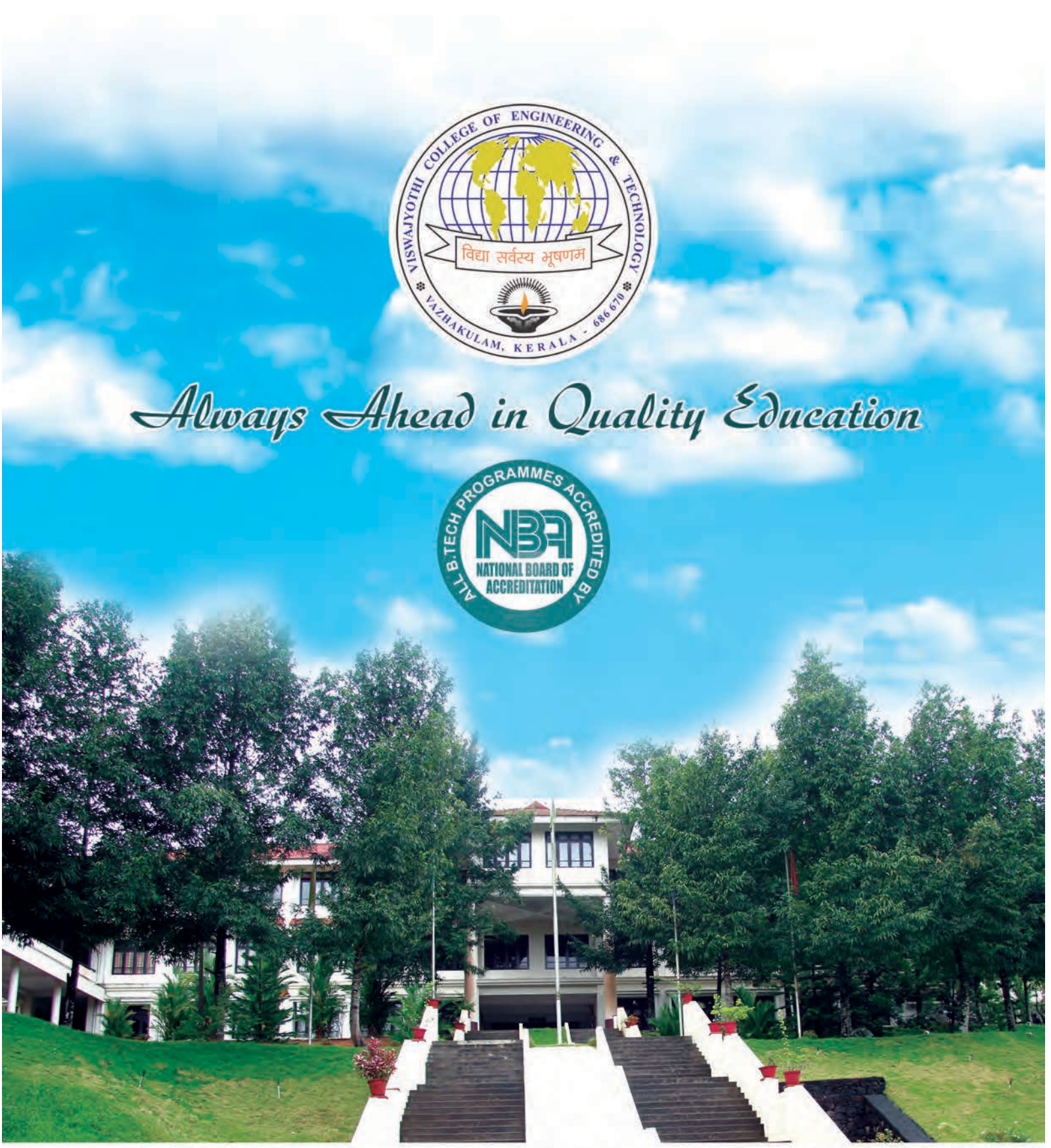
MAGAZINE 2019-20

VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

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VISION

"Moulding Professionals par Excellence with Integrity, Fairness and Human Values"

MISSION

- We commit to develop the institution into a Centre of Excellence of International Standards.
- We guide and mould our students in the attainment of intellectual and professional competence for successfully coping with the rapid and challenging advancements in technology and the ever changing world of business, industry and services.
- We help and support our students in their personal growth shaping them into mature and responsible individuals.
- We strive to cultivate a sense of social and civic responsibility in our students, empowering them to serve humanity.
- We promise to ensure a free environment where quest for the truth is encouraged.

OUR PATRON

MAR GEORGE MADATHIKANDATHIL

BISHOP OF KOTHAMANGALAM

Message

Manager

The college was started with a dream of providing professional education. The Civil Engineering Department possesses a state-of-the-art infrastructure with equipped laboratories and highly dedicated faculty. As the saying goes, "Team work makes the dream work!" The Civil Department has a committed team and the team is continuously responsible in achieving the vision and mission of the Institution. The NBA accreditation for the four programmes is the proof of the team work we share. I take this opportunity to express that every effort is made to improve the existing best services to bring out the best to the Institution and for the growth of our students.

Always do your best! What you plant now, you will harvest! The merits of Viswajyothi are laudable to the students' community when they realise their making and preparing for life skills and educational advent was through this prestigious institution.

Msgr. Dr. Cherian Kanjirakompil

Message
Director

As Pope John XXIII said, "Consult not your fears but your hopes and your dreams." A highly engaged vision has been the core of our work and identity – the dream of Viswajyothi College of Engineering and Technology. With the right kind of coaching and motivation, our students were able to accomplish their dreams. We continuously work on improving the quality. For this, we focus on merging teaching and research. The governing body recognise that none of the higher standards could be achieved without the dedication of our entire college staff. The NBA accreditation process goes to show how hard everyone worked to ensure that we provide our students with the best possible education. Because, it is the quality of the educational institution that determines the quality of education. I would like to extend my thanks to all the stakeholders who were involved during this busy time.

Creating the conditions for others to succeed and witnessing the success is also one of the most satisfying, motivating and joyous feelings we can have. This Newsletter highlights the achievements and activities of the Department in different spheres. I am fully confident that this Department will march ahead and add more achievements in the future.

Dr. George Thanathuparambil

Message

Principal

Engineering is not just about subjects that are learnt and taught in college. Becoming a graduate in Engineering is not restricted to being in college, gathering certificates and being proud of oneself. It is a lifelong learning exercise. For, it is in wanting to know that will result in actually getting to know. The Civil Department at Viswajyothi College of Engineering and Technology occupies a pivotal position in the matrix of higher education. In addition to the excellent scientific and engineering skills, our students are motivated not only to dream big but also encouraged to face the challenges of the future and provide platform of Entrepreneurship. Viswajyothi has stood for quality and excellence and is still thriving to be the best in the years to come.

We don't wait for the perfect moment. We take the moment and make it perfect!

Dr. Josephkunju Paul C.

Message

Vice - Principal

An expression is a basic instinct of thoughtful mind and the act of writing is one of the fountain head of ideas that springs into poem or article. The writing comes to life when it meets its reader. Students are the most enthusiastic budding creative expressionists who just need a platform to throw their ideas and emotions on the paper. Learning involves transcending one's limitations. Students at Viswajyothi leave no stone unturned to make the learning process effective. The articles definitely pave way for retrospection and re-work of us and our surroundings.

I congratulate the editorial team for their commendable work.

Somy P. Mathew

Editors Message

Words. They are a beautiful lot, aren't they? Articulating thoughts into words, the satisfaction of capturing every strand of emotions, scratching them down onto papers, or listening to the tap-tap-tap of the keyboard when typing them down gives out such an unmatched sense of tranquillity and contentment. Sometimes when words are not enough, lines and curves and all the vibrant colours a human eye can see are used. They are beautiful too. Every stroke a symbol of passion and ardent emotions. Our college life has given us so much to remember, so many thoughts to be recorded, so many memories to capture. And this magazine is an agglomeration of articles, proses, poems, art and so much more of our experiences here. Every article, every art, every snap featured here has a story to tell. The authentic works of our fellow students created with love and dedication have been collected by an amazing team for everyone to see, to understand, to appreciate, and above all, to make it known that we existed and fought to be here. That we survived.

Yes, that is our theme for this year's edition. 'Survival'. Considering the world we live in, a world burning with diseases, and crawling with the baneful lives of humans, survival is a huge feat to accomplish. Survival requires strength. Strength to get through a hard day at school or a long day at work, to build and break relationships, to push through our darkest days, to abandon and find new things, to change, and most of all to hope.

And where does the strength to survive come from you ask? From love, devotion, loyalty, beauty, and the will to live, all of which are incorporated into these few pages. We hope that as you flip the pages one by one, you find yourself escaping, if only briefly, to a land of peace and safety. A space we created to express ourselves. A space by us, for us.

Justin Siby
Editor

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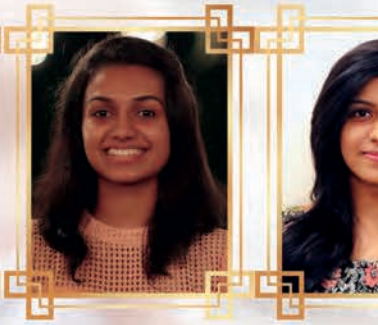

Ms. Jess Mathew

Ms. Riya S Nair

CHAIRMAN'S MESSAGE

Being the chairman of the student union, the past year has been a "half-full" of everything for us. We, as a team, were able to accomplish numerous tasks, reach extensive goals and have a lot of fun at the same time. Right from the beginning, we've stayed together to bring about a sense of oneness like we've never seen before.

From organizing the Union Day function, staying back to decorate the halls, skipping class to make our studious hours a little festive, to having the grandest Onam celebration our college has seen in a long time, we've come a long way. That said, I'd like to thank each and every VJCET-ian soul for standing with me, supporting and guiding me, and for genuinely showing me that leadership is a much better task when enjoyed in the company of friends and equals.

There was a lot more that I wanted to do for us before I leave. A lot more cultural programs, a lot more academic fests and a lot more opportunities to make memories that we can look back on when we finally leave for good. But, unfortunately, as we all know, we were swept by a wave of disease and there was nothing I could do anymore to bring us together like the now 'good 'ol times'.

As my tenure as your chairman comes to an end, I look back at all that we've accomplished. This magazine is a soul reminder that we can do so much when united, and there's still an endless pool of potential waiting to be tapped. Once again, thank you for giving me this wonderful opportunity and all the best to all the members of the next student union, and every union after that.

Sean Santhosh Joseph

STUDENTS COUNCIL REPRESENTATIVES

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Annual Report

With immense pleasure let me present this Annual report about the major achievements and new developments in the academic year 2019-2020.

Viswajyothi College of Engineering and Technology is an AICTE approved institute affiliated to APJ Abdul Kalam Technological University. The college offers Six B.Tech. programmes, Three M.Tech. Programmes and Management studies. The college has a total strength of 2012 students.

The activities of the academic year 2019-2020 commenced with the Holly Mass concelebrated by respected Monsignor Dr. Cherian Kanjirakompil, Vicar General of Kothamangalm Diocese on 22/07/2019.The orientation programme for first year students started on the same date. Regular classes for Third, Fifth & Seventh Semester B.Tech. Programmes commenced on 01/08/2019.

While 8 faculty members and 6 technical staff members were relieved,8 faculty members joined service, making the total strength of teaching staff to 162 and technical staff to 89.

University Results

We do have consistently good academic results. In the last final year out of the 552 students appeared for examination 389 students cleared all the papers of the entire B.Tech. Programme in the stipulated eight semester period with an overall pass percentage of 70.47. In Management studies 31 out of 57 students cleared all the papers of the entire MBA programme in the stipulated time period with a pass percentage of 54.38.

Placement

In the academic year 2019-2020, 330 students secured placement offers from 26 reputed companies such as Infosys, TCS, Amazon, Cognizant, Quest, Experion, IBM,Etc.

The placement for the MBA batch 2018-20 is 95 percentage. Major recruiters are ESAF BANK, ABFRL, Extra Marks, BYJU's Learning App, Thyrocare Technologies, Reflections, Kamadhenu Ayurveda Pharmaceuticals, Stratagile, Reliance Retails, New care Hygiene Products, Envestnet, Aviation Education Institution etc.

Students Achievements

Our Students participated in various events at National, University and Intercollegiate level and bagged many prizes.

- Abinand S, Ajwin Jose Francis,Charles George,Rahul Raj of S7 CE B secured 3rd prize in TECHEXPO 2019(Project exhibition-working model) conducted as part of Tathva 2019, National Technical Fest, at NIT Calicut & bagged a prize money of Rs.6000
- Pratheeksh Joshy S7 CE cleared National level IGBC's certification course on Green Built Environment.
- Edwin Jolly, Abin Geordy of S5 CE A had attended IGBC Student Chapters Meet 2019 on 25th September 2019, HICC, Hyderabad. The theme of the program was 'Preserve Nature: Protect the Future'
- Francis Rohan John (2015-19 batch), Aliaz Biju (2015-19 batch), Ceril Joseph (S7 EC A), Nelson Joseph (S5 EC A), Anand Renjith Kannan (S3 EC B) participated in the final round of Dr. Pradeep P. Thevannoor Innovation Awards (PPTIA) 2019, a global event held annually with an aim to recognize innovative ideas and applications to tackle challenges faced by the society. They got an honorable mention for their project, Artificially Intelligent Emergency Response Drone, guided by Ms. Anurani Philip, AP, ECE.

- Bhuvanendran B, Mithun Murali Krishna, Nithin Bose Tharakan, Tony George of S8 EC A won 1st prize in the Best Project Manager competition in Brahma'20 conducted by Adi Shankara Institute of Engineering and Technology, Kalady.
- Giya Baby secured first prize in the event AURORA Drawing Competition organized by UNAI ASPIRE on 28th May 2020.
- Dhilna Biju secured first prize in the event RETORIKA Elocution Competition organised by UNAI ASPIRE on 28th May 2020.
- Maria Sabu of S2 EC A was awarded for her exemplary leadership and volunteering efforts while the implementing site funded project 'Smart Classroom Among the Woods' organized by IEEE SIGHT, in July 2020.
- The Project work entitled "Eye Controlled Wheelchair" done by S8 Electrical & Electronics Engineering students Mr. Alwin Eldho, Mr. Jaison Kuriakose, Mr. Tinu George and Ms. Varsha Antony got selected and received a financial assistance of Rs.29500/- from APJAKTU-CERD.
- Mr. Abin Anil, Mr. Christy Baby and Mr. K.S. Nandukrishna of S7 EEE A Secured First prize in Jeesan Gilbert Memorial Quiz competition conducted by EEE department, VJCET
- Mr. Abhijith M A, Mr. Nevin Paul Saju and Mr. Vishal H of S1 EEE secured Second prize in Jeesan Gilbert Memorial Quiz competition conducted by EEE department, VJCET
- Mr. Jeswin Leo Sabu secured First Position in the Power and Energy Innovation Hackathon conducted during All Kerala Power and Energy Society Student colloquium,2019.
- A team of students from EEE Department participated in 7th Go Kart design challenge (GKDC) conducted by Indian Society of New Era Engineers held at Coimbatore under the Guidance of Mr. Jomu M George, Assistant Professor, EEE Department. The team participated in the electrical section of the event and secured 7th position by completing every test that was conducted.
- Ms. Gayathri L Kumar of S2 EEE was awarded Certificate of Commitment for demonstrating her commitment to promote Safety Against COVID 19 by Delgon technologies.
- Arjun Suresh and Alan Cyriac Sunny of S4 IT qualified into the finals of "PRAYUDH' 20 inter collegiate quiz competition.
- Mr. Rahul Vinod & Mr. Amal Shaijo of S5 IT won first prize in Regional Idea Fest conducted by IEDC of VJCET, for the topic "Beyond online learning Platform".
- Kevin G Amamthuruthil, Sagar Vincent, Aldrin Baby, Ameer E. A. of S7 ME A has secured first prize in Tech Expo, TATHVA 2019 on the project titled "Fully Automated Weed Control" conducted by NIT Calicut on Oct 18th -20th 2019.
- Akhil Shaji S8 ME A won 1st prize at National level best actor competition, Nakshatra Fest held at Saint Gits college, Kottayam.
- Muhammed Anas A B S8 ME A become Winner of Idea Fest conducted by Innovation and Entrepreneurship Development Cell of Viswajyothi College of Engg. and Technology.
- Umesh Ganesan S6 ME A "completed NPTEL (management of products and services) and won 2nd prize in Direct Digital Manufacturing (presentation) conducted by SAE"
- Akhil Sebastian S6 ME A "won runners up in district level senior Basket Ball championship 2019.
- Sreerag shaji of S6 ME A achieved 3rd position in tier 2 mechatronics competition conducted by SAE INDIA at RIT, KOTTAYAM.

- Jose Thomson of S8 ME B got 1st Prize, in the event "Spy next door", tech fest held at Adi Shankara Institute of Engineering and Technology.
- Albin Paul of S8 ME B Designed and developed final year project NutX –Nutmeg cracker, Funded by Malayala Manorama IBS- Yuva Master Mind and Participated in Yuva Master Mind. Albin also received funding from KSCSTE for project and this project received first prize in VJCET IEDC Idea Presentation Competition. He got 2nd Prize in Project Presentation conducted in Orion -Virtual Tech fest organized by IEEE Power and Energy Kerala. He got First Prize in Presentation competition on the topic Environment and Engineering conducted by IEEE VJCET.
- Arjun T P of S6 ME A secured 2nd place on Mechatronics tier 2 conducted by SAE.

Programmes

Various programmes were arranged in the college during the current academic year under the auspices of the management, faculty and the student's council. College day, Technical fest and Arts fest were not conducted due to Covid Lockdown.

- The election to the student's council was held on 14/08/2019. Sri Sean Santhosh Joseph S5 CSE A, Sri Maria George S5 ECE A and Sri H Anand S5 EEE B were elected as chairman, Vice Chairperson and General Secretary respectively. The college council was formally inaugurated on 10/10/2019 by Mr.Alexander Jacob (IPS).
- The Onam celebrations of the year 2019 were conducted on 6/9/2019 by student's council.
- The annual sports meet Drona-2020 was conducted on 14/2/2020 to 15/2/2020.The meet was inaugurated by respected Monsignor Dr. Cherian Kanjirakompil, Manager VJCET.

In order to keep with the rapidly changing technological developments all departments of the college organized various programmes.

Civil Engineering Department

Civil Engineering Association Inauguration "CIVISTA'19" held on 15th November 2019, and the Chief Guest was Dr. May Mathew Chief Planner and Managing Trustee Centre for Environmental Efficiency and NGO registered under Indian Act (Senior Town Planner Retired from Greater Cochin Development Authority, Kochi. Following are the major achievements of Civil Engineering department.

- Executed an MoU with National Highway Authority of India for Road infrastructure development by adopting a stretch of National Highway
- Organized a One week KTU sponsored Faculty Development Programme on" Geo-Hazards & Disaster Mitigation".
- Arranged one week hands on workshop on 'Surveying-An Insight into wonderful world'
- Organized a Technical Webinar, "Gearing Up-post Covid-Part I".
- Organized a workshop on FAB LAB

Arranged series of workshops & technical talks in the relevant areas.

- Dr. Anoop C K was an Invited Delegate for Indo UK Workshop on "Waste Water Management" at Punjab University, India.
- Dr. Anoop C K was Invited for Lecture in "Indo UK Workshop on Green Chemistry for Societal needs, Healthcare, Pollution and Circular Economies" New Delhi.
- Ms. Shine George was Invited as Resource person for a 3 day FDP on "Recent Advancements in Civil Engineering" conducted by CMR Institute of Technology Bengaluru.
- Ms. Shine George was invited as Resource person for Webinar series- "Gearing Up –Post Covid Part 1" conducted by Viswajyothi College of Engineering and Technology
- All faculty members of the Department have one or

more technical publications in National/ International journals.

- Undertaken industrial consultancy work including Concrete Mix Design as a part of its interaction with industry, generating revenue of approximating Rs. 96000/-for the last academic year. The department has newly extended consultancy services for BM & BC (Bituminous Macadam and Bituminous Concrete) mix design.
- 62 students from S4 associated with GoK to conduct GIS SURVEY of the Marady Panchayat under the Muvattupuzha Block Panchayat

Computer Science & Engineering

Ten Faculty members of the department have published papers in reputed International Journals and International Conferences.

- Dr Anishin Raj M.M secured Best Paper Award in International Conference-ICCIDT June 2020.
- Dr.Anishin Raj was the reviewer for two SCIE and Scopus indexed Journals.
- "Best Accredited Student Branch" for the year 2017-18 and 2018-19 from Computer Society of India
- Mr.Andrews Jose was the resource person for nine FDPs in OBE based NBA accreditation.
- Faculty members of CSE have attended 4 workshops and 15 FDPs in the area of innovative research, soft skills and technological advancements.
- Department has organized a National Conference (SPIN) on 17th & 18th June 2020 and has also organized two workshops in the field of latest technologies.

Electronics & Communication Engineering Department

The ECE association, Zealous '19 was inaugurated on 13th November 2019 by Mr. Dominic Mathew, Former DGM, Electrical and Electronics Design, Hindustan Machine Tools Ltd. A Talk on "IoT" also was given.

- Gayathri Suresh of S5 ECE (CCO, Teqnocart Innovations (Opc) Pvt. Ltd.) conducted "IEDC Orientation Programme" for first years of ECE Branch on 1st August 2019.
- Gayathri Suresh of S5 ECE conducted a Workshop on 'Exploring the Potential of Entrepreneurship and Introduction to TEQNOCART', organized by IEDC, VJCET, on 15th November 2019.
- Harisankar S, Anjith P.N, Alan Jose, Rahul Sathyan of S5 ECE conducted a one day workshop on "Arduino for Absolute Beginners", for plus two students on 3rd August 2019.
- National Conference on VLSI, Signal Processing and Communication, VLES'20 was conducted on 14th& 15th July 2020. Dr. Abdulla P, Professor in Electronics at School of Engineering, CUSAT was the keynote speaker. 33 papers were presented in the conference.
- One day workshop on "ROBOTICS" for higher secondary students was conducted on 13/07/2019. One faculty and 19 students from different schools attended the workshop. Workshop was handled by Mr. Varghese Benny, 2014-2018 batch alumni of ECE Department.
- One day workshop on "ARDUINO for Absolute Beginners" for higher secondary students of Technical Higher Secondary School, Muttom was conducted on 03/08/2019. A total of 28 students attended the workshop and were greatly benefited. Workshop was handled by Sri Rahul Sathyan,Sri Alan Jose,Sri Harisankar S and Sri Anjith P N, students of S5 ECE.
- 6 workshops, 5 expert talks, 3 Alumni interaction programs and 1 webinar were conducted for the students.

- An Intra Departmental Technical Quiz was organized by the Quiz & Debate Club of ECE Dept. on 13th November 2019. Students of S1 ECE, Ajith George Louis, Maria Sabu& Sandra Santy were the Quiz Masters.
- 12 papers published in Journal/Conferences.
- 33 Papers published in National Conference VLES'20.
- Mr. Tony D, Asso. Prof., ECE Department was awarded PhD in Microwave Engineering from Cochin University of Science and Technology.
- Mr. Cyriac M Odackal, Asso. Prof., ECE Department was awarded PhD in Electronics from Cochin University of Science and Technology.

Electrical & Electronics Engineering Department

The association activities for the year were inaugurated by Shri Thomas Daniel, Ex. Sr. Manager of BPCL & Electrical Department Manager, Abudhabi National Oil Company on 7th November 2019. Jeesan Gilbert Memorial Quiz competition was also held at the same venue.

- The Department conducted a one week KTU sponsored FDP on Advancements in Drives, Instrumentation and Control' from 1st to 5th July 2019. The program was inaugurated by Dr. M. Nandakumar, Professor& Former H.O.D, Government College of Engineering, Thrissur.
- The Department conducted a 3-day national conference on 'Emerging trends in power, instrumentation, control and computing technologies' from 7th to 9thAugust 2019. Mr.SureshBabu, Station Director, Koodankulam Nuclear Power Plant was the chief guest for the inaugural function.
- The Department coordinated two- week international FDP on 'On grid photo voltaic power generation system' in association with Senior Experten Services (SES), Germany from 2nd to 16th December 2019. Mr. Georg Friedrich Bopp, an internationally recognized solar PV expert from SES was the resource person for the program.
- The Department conducted a 2-day national conference on "Advancements in Control & Computing Technologies" from 15th to 16th July 2020. Dr. A K Parvathy, HOD, EEE Department from Hindustan University, Chennai was the keynote speaker for the conference.
- A webinar on "Relevance of sustainable development-post COVID Scenario"was conducted on 3rd June 2020. The Keynote Speaker was Shri C R Neelakandan, an environmental Activist and Former DGM, KELTRON controls, Aroor.
- A webinar on Emerging trends in electric vehicle Technologies was conducted on 26th June 2020 by Mr. VijayanNandalan, Former Scientist, ISRO, Trivandrum. the webinar focused on the relevance of electric vehicle, power converting technologies and their storage system.
- Organized Workshop on "Recent trends in Solar Power Generation Technology" by Dr. K.K. Rajan on 5th march 2020
- A research project titled "Development of Level Sensor for Lead Lithium Loop System." funded by Board of Research in Nuclear sciences (BRNS) at an estimated cost of Rs. 33,08,500 has been completed.
- Principal Investigator: Dr.K.K. Rajan, Professor EEE & Dean IIIC
- Co-Investigator:Dr.B.Aruna, HOD EEE
- The project execution period was two years and was completed on 31st August 2019.
- Dr. Sony Kurian published a paper on 'Optimization of Process Parameters in drilling of

Carbon Fibre Epoxy Composites' in Technology & Future, January –June 2019.

- 16 faculty members from EEE department presented papers in National conference on 'Emerging trends in power, instrumentation, control and computing technologies' from 7th to 9th August 2019.
- Ms. Smitha Jacob has completed a 6-week online course in Excel skills by Macquire University.
- Dr.Sony Kurian, Associate Professor, EEE Department is awarded with PhD guideship by APJ Abdul Kalam Technological University of Kerala.

Information Technology

- Diana Baby secured best paper award for the presentation of paper "Leukocyte Sub Type Identification Using Spline Interpolation and Graphical Analysis" on International Conference On Computational Intelligence & Digital Technology ICCIDT 2020, Mangalam College of Engineering ,15th-16th June 2020 [SCOPUS INDEXED].
- Ms. Diana Baby presented a paper titled "A performance comparison of supervised and unsupervised Image Segmentation Methods" in SCOPUS Indexed Springer International Conference on Adaptive Computational Intelligence 2019 Organized by: GSSS Institute of Engineering & Technology for Women, Mysuru, India on 18th – 19th July 2019(ICACI 2019).
- Mrs. Anju Susan George and Mrs. Tiny Molly V attended Faculty Development Program on "Glide through Cognitive Computing" conducted at Mar Athanasius College of Engineering, Kothamangalamsponsored by KTU from 16th Dec 2019 to 20th Dec 2019.
- Mrs. Anju Susan George, Mrs. Ann Preetha Jose, Mrs. Salini Dev P. V. and Mrs. Diana Baby attended Faculty Development Program at TCS, Kochi.
- Majority of faculty members published and presented papers in journals and conferences.
- All faculty members attended many workshops and technical talks within and outside the college.
- The IT association ORBIT 2019 was inaugurated on 13/11/2019 by Mr. Manoj Thomas, Regional HSE Lead of TCS Asia Pacific and TCS, Kochi.
- Conducted two weeks "SES (Germany) - International Workshop on Artificial Intelligence" at VJCET, Vazhakulam from 03/12/2019 to 13/12/2019.
- Organized National Webinar on "Future of Technology After Covid-19" on 29/05/2020.
- Arranged more than 10 technical talks and workshops with experts both inside and outside the college.
- More than 20 students participated in various technical and cultural online activities in other colleges/ technical Institutions.

Mechanical Engineering Department

- Dr. Shunmugesh K, published a paper on "Measurement of Tensile Properties and Hardness of Friction Stir Welded Aluminium Alloy AA1200 ", Materials Today Proceedings, Vol 24 2214-7853, January 2020 (Scopus indexed)
- Dr. Shunmugesh K, published a paper on "Areca fiber reinforced LLDPE Biocomposite", Materials Today Proceedings, Vol 24and 2214-7854 January 2020 (Scopus indexed)
- Dr. Shunmugesh K, published a paper on "Taguchi Grey Relational Analysis based Optimization of Micro-Drilling Parameters on Carbon Fiber Reinforced Plastics., Materials Today Proceedings, Vol 24 and 2214-7855, January 2020 (Scopus indexed)
- Dr. Shunmugesh K, published a paper on "Investigation on Crash Analysis of a Frontal Car

Bumper", Transactions of the Indian Institute of Metals, Vol 72(10) and 0972-2815, January 2020 (SCI indexed)

- Dr. Shunmugesh K, Mr. Arun Raphel published Optimization of drilling parameters of fiber reinforced polymer composites, Technology & Future – Journal of Science & Technology, Volume 1, 2019
- Dr. Sajan T. John, published a paper on "An Integrated Supply Chain Model for Export Commodities for Indian Container Goods", European Transport Conference, Association for European Transport, Dublin Castle, Ireland, October 2019
- Arun K, published a paper on "Fabrication of GFRP Composite and To Analyse Its Delamination Factor in Drilling Using Three Different Tool Geometries", International Journal of Scientific & Technology Research (IJSTR) Volume 9 - Issue 4, April 2020 (Scopus indexed).
- Akash Paul Savio, published a paper on "Automatic River Cleaning Machine", International Journal of Engineering Sciences & Research Technology, Vol 9(5), ISSN: 2277-9655, May 2020
- A five-day KTU funded FDP was conducted by Department of Mechanical Engineering in association with Centre for Research and Development, VJCET, on "Tools, Techniques & Models for Scientific Research" from 22nd– 26th July 2019.
- A two-day International Seminar was conducted by Department of Mechanical Engineering in association with Centre for Research and Development, VJCET on "Materials: Engineering for Sustainability" from 29th– 30th July 2019. Prof. Dr. Rajan Ambat from Division of Materials and Surface Engineering, Technical University of Denmark inaugurated the seminar.
- Five-day Short-Term Training Program on "Programming and Operation of Computerized Numerical Control Lathe" was organized by Mechanical Engineering Department in association with Centre for Research and Development, VJCET from 15th-19th July 2019.
- Department of Mechanical Engineering received a funding of Rs.18,43,000 from AICTE under Modernisation And Removal of Obsolenscence (MODROBS) scheme for the CNC Milling Machine. Project Coordinator: HOD, Mechanical Engineering Department.
- Project entitled "AGR-E" by Mr. Firoz S, Mr. Erfan Muhammed CK, Mr. Bilal Shamsudhin, Mr. Sanjay MS Students of S7 ME A recieved project funding of Rs.2,00,000 as Idea grant, Scale up grant and Productisation grant from Kerala Start Up Mission - Project Guide: Mr. Nidheesh K, Assistant professor, MED.
- Project entitled "Fully automated Weed Controller" by Mr. Kevin G, Mr. Sagar Vincent, Mr. Aldrin Baby, Mr.Ammer E A of S7 ME A got project funding of Rs.20,000 under KSCSTE-INNOVATE scheme funded by Kerala State Council for Science Technology and Environment, . Project Guide: Mr. Unnikrishnan T.G, Assistant professors, MED.
- Project entitled "Robotic Assist for Walking Disability" by Mr. Muhammed Salih, Mr. Midhun Babu, Mr. Naveen B, Mr.Anandhu Sabu of S7 ME A got project funding of Rs.10,000 under Students Project scheme funded by Kerala State Council for Science Technology and Environment, . Project Guide: Mr.Nibin B, Assistant professors, MED.
- Project entitled "Portable Nutmeg Seperator-Nut-X" by Mr. Albin Paul, Mr. Eldhose Raju, Mr.Harikrishnan A S and Mr.Jipil P Chettoor, of S7 ME A got project funding of Rs.10,000 under Students Project scheme funded by Kerala State

Council for Science Technology and Environment, Project Guide: Mr.Eldhose Kurian, Assistant professors, MED.

- Project entitled "Portable Nutmeg Seperator-Nut-X" by Mr. Albin Paul, Mr. Eldhose Raju, Mr.Harikrishnan A S and Mr.Jipil P Chettoor, of S7 ME A got project funding of Rs.7,000 under Yuva Mastermind scheme funded by Malayala manorama , Startup Valley -Amaljyothi TBI. Project Guide: Mr.Eldhose Kurian, Assistant professors, MED.

Management Studies Department

- Mr. Akshai Joshy of MBA 2019-21 batches was selected in to the University Volley ball team and played interuniversity matches.
- DIVOC: Automatic sanitizer dispensing machine developed by MBA students of 2019-20 batch and was launched by Muvattupuzha, MLA Eldo Kunnappilly
- An Alumni meet of VSMS was conducted at 6 pm IST on Saturday, 9th January 2021 through online platform (Zoom). More than hundred Alumni attended the function and gave their valuable feedback and suggestions for the betterment of Institute and Alumni Association.
- A webinar series was inaugurated with the webinar of Mr. Rajesh Nair, Associate Partner of E&Y on 22nd May 2020.Department conducted 16 webinars as part of this series.

In addition, the majority of faculty members from all departments attended faculty development progra mmes & workshops at various other institutes & also delivered technical talks at various engineering colleges within & outside the state

The various Professional bodies in the college viz.ISTE,III CELL, CSI, IEE, NTPEL etc, have also rendered valuable services.

ISTE

Viswajyothi College of Engineering and Technology has become the Institutional Member of ISTE in the year 2008 (Institutional Membership No: IM 1541). We have an active student chapter as well as the faculty chapter. The ISTE student chapter was opened in the year 2007(Membership No KE51).

ISTE Chapter of VJCET is headed by Dr. K. K. Rajan (Principal, Chariman – ISTE Chapter).Our faculty chapter consists of 110 lifetime members and student chapter has consisted of 778 student members. A Student membership campaign was conducted in the first week of August 2019 and 129 students from various departments has joined ISTE students chapter.

- ISTE chapter has conducted a Hands-on Workshop on React JS on 30/10/2019. 35 students are actively participated.
- Conducted an expert talk on "Use cases of Block chain" on 11/7/2019. 42 students are attended the talk.
- Conducted One day seminar on "Ergonomy of IT Industry" on 14/11/2019 by Mr.Manoj Thomas from Tata Consultancy Services. 150 students participated.
- Conducted a Seminar and Quiz competition on "Open Source Softwares" on 20/1/2020.

III Cell & IEDC

Industry Institute Interaction Cell (IIIC) aims at an effective interaction between industries and academia and Innovation and Entrepreneurship Development Cell (IEDC) promotes innovation and entrepreneurship skills among students. Various programs were organized by these cells in the college under the guidance of Mr. Vinoj K, faculty in charge.

Each department in association with IIIC organized technical talks by experts from MoU signed industries.

- IEDC organized orientation programs for the first year students of all the departments.
- IEDC in Association with R&D conducted technical talks for the students and faculty.
- Prepared 'VJCET STARTUP POLICY', in line with National Innovation and Startup Policy - 2019 for Students and Faculty, Ministry of Human Resources and Development (MHRD) - Government of India, Kerala Technology Startup Policy-2014 and Kerala Startup Mission - Government of Kerala and Kerala Technological University Startup Policy - 2015.

CSI

The Computer Society of India (CSI) Student Chapter of our college headed by Ms. Arsha J K organized various technical activities for CSI student members like Technical Talks on Block Chain technologies, Big Data and Internet of Things, Short Term Training programs on LaTeX , Github and Web Designing, Motivational Talks, Expert Lectures, National Level Intercollegiate quiz competitions like PRAYUDH and Technical Completions like Code War.

The CSI Student Branch was selected to receive the prestigious "Best Accredited Student Branch Award" in the year 2017-2018 and 2018-2019 by the Computer Society of India. The student branch receives "The Best Accredited Student Branch" consecutively for 6 years is a noticeable achievement. The award was received by Head of Computer Science and Engineering Department Prof. AmelAustine from Prof. Mike Hinchy, President of IFIP and Dr.R.K Vyas, Vice president CSI in the CSI Annual Convention 2020 at Kalinga Instituite of Industrial Technology, Bhuvaneswar on 18th January 2020.

IEEE

The IEEE students Branch of the college is a dynamic body under the guidance of faculty members Sri Anish M Jose, Sri Babu T Chako and Sri Sivadas T Nair. The chapter organized various programmes like workshop orientation classes etc. for IEEE members both at college level and at hub level. During this academic year two major projects were sanction by IEEE society to VJCET SB and both were implemented successfully. In the first project a smart class room was set up at Kunjippara tribal settlement school with an expense of Rs. 3,40,000/-.This project was named "Smart Class Room Among the Woods". In the second project named "Let's Unchain it", automatic hand sanitizer and automatic tap were installed at Adimali Taluk Hospital with an expense of Rs.1,62,000/-.

NPTEL

The NPTEL VJCET chapter arranged an awareness program for the first year students about the importance of NPTEL, SWAYAM courses and spoken tutorial. 8 Faculty members and 25 students from Civil Engineering department enrolled for various NPTEL courses during the odd semester (July to October 2019). Two students Ms. Anila Gopi and Ms.Bincy Baby from S5 CE A completed a 4 week course named "Geotechnical Engineering Laboratory" with 65% and 62% marks respectively. 6 students and two faculties from Mechanical Engineering enrolled for various NPTEL courses during the academic year 2019-20. 27 students from Computer Science Engineering Department successfully completed NPTEL courses during the academic year 2019-20. Ms. Amritha Satheesh Kumar of S8 EEE B has completed a course on Production and Operation management by NPTEL. 31 students enrolled the course on "JAVA programming" offered by spoken tutorial. The duration of the course was 6 months.

NSS

The NSS unit of the college under the leadership of faculty members Sri Aneesh kurian, Sri Santhanu P Mohan, Smt Jerin Jose, Smt Mary Nirmala George has

rendered remarkable services to the society with NSS students volunteers.

The major activities are :

- Celebrated the 73rd Independence Day by hoisting the National Flag.
- As part of the flood relief, the NSS volunteers has collected new notebooks for distributing it to the students who were affected by flood of 2019.
- Orientation Classes for the new volunteers has been conducted by the Technical Cell Core Committee members.
- Provided Onasadhya to the 35 inmates of Providence Home as a part of Onam celebration 2019.
- A poster making competition was conducted as part of the Ozone day celebrations.
- Blood donation Camp was conducted on Sept. 26 in association with IMA Thodupuzha, sponsored by HDFC bank and Blood donors Kerala. Sixty units of blood were donated.
- "Punarjani"-seven days special camp was conducted by Govt. Taluk Hospital Muvatupuzha, where our student volunteers reinstated various hospital equipments and created an asset of about 17,42,300/ Rupees.
- Conducted an Essay competition on the topic National Unity as a part of the birth anniversary of SardarVallabhbhai Patel.
- Conducted a cleaning program at Primary Health centre Pandapilly, Muvatupuzha.
- Conducted a cleaning program at our college, Visawjyothi College of Engineering and Technology, Vazhakulam.

ALUMNI

Established in 2005, VJCET alumni association creates and maintains a life-long connection between the college and its alumni, who number more than 7,000. VJCET has a very committed and vibrant alumni network with five chapters centered at Kochi, Trivandrum, Chennai, Bangalore, Qatar and UAE. Alumni are the most trusted brand ambassadors and VJCET is grateful to them for their generous patronage and support.

The Annual Alumni meet was held on 22nd July 2019 on the campus and it was well attended. The general body elected the same executive committee for the next one year and approved the bye law for registration as per Section 12 of The Travancore Cochin Literary and Scientific and Charitable Societies Registration Act 1955. All departments conducted Technical talks by alumni for graduate students in association with Industry Institute Interaction Cell and Alumni Association. These talks helped our students to understand the current advancements and scope in engineering field.

Induction Programme for Final Year students (2016-20 Batch) of VJCET was conducted on 15th December 2020 through online platform. As recognition for final year students, the Alumni Association honoured students through the "Best Project Award" from each department with a cash prize of Rs. 3,000/- per team in Merit and Farewell Day 2020.

Women's Cell

A salad making competition was organized on 5th March 2020 and the winners were awarded with cash prizes.

In association with the IEEE WIE chapter of VJCET, the Women's Day Celebrations was conducted on 6th March 2020 at 1.45 pm and Dr. Lalitha Mathew, Founder & CEO, AKSHARI was the special guest. The lecture session was followed by a variety of cultural programes and games were also organized for the students.

Research and Development Cell

The Centre for Research & Development is headed by Dr. Anishin Raj M. M, Dean R&D along with a team of dedicated and hardworking personnel.

The highly committed faculty members has published nearly 100 research articles through International/ National journals and conference proceedings in the academic year 2019-20, with the noble vision of transforming Viswajyothi College of Engineering & Technology into an institute of research acumen.

VJCET has got several funding support for student projects sanctioned by funding agencies like BRNS, KSCSTE, KSUM etc.

R&D has conducted several FDPs and workshops to inculcate latest research ideas and innovations in the mind of faculty members.

VJCET has KTU recognized Ph.D research guides in CSE, ME, EEE and MBA.

The Eco, Nature & Photography Club

The election of office bearers for the smooth functioning of the club, was not conducted during the academic year 2020-21 because of the Covid-19 pandemic.

The two major events that are conducted during every academic year was photography competition and photo exhibition in connection with tech fest and arts fest. Due to the Covid-19 pandemic, both activities were cancelled.

PTA

We are proud to announce that our college has an active PTA with President Sri Noble John renders all support to the institute for its smooth functioning.

Placement Cell

The placement cell of the college is arranging aptitude training, Soft Skill training, Infosys campus connect programme, classes for spoken English, language enhancement classes, resume corrections, Group discussions, mock interviews & GATE Coaching for students.

Meritorious students are awarded central scholarships and minority scholarships to the tune of Rs: 53,44,440/- (Fifty Three Lakh fourty four thousand four hundred and fourty rupees only) apart from the scholarship awarded by the management.

Infrastructure

- The capacity of the solar power plant is being enhance from 250kWp to 280 kWp.
- The Central Library which is housed in an area of 16,400 sq. ft has 38,290 volumes, in 10394 titles & 1249 E-journals. In addition to this Del net & National Digital Library facilities are also available. The digital library is equipped with 65 computers.
- The other amenities of the college viz. Hostels, Transport facilities, Canteen, Gymnasium, Common Computing Centre, Counselling Centre etc. are rendering their service to Viswajyothi community in an appreciable manner.

With the blessings of God Almighty, motivated by our patron His Excellency Mar George Madathikandathil, Bishop of Kothamangalam and with the unstinted support and guidance from Msgr.Dr. Cherian Kanjirakompil, Manager, Rev. Dr. George Thanathuparambil, Director, The entire management team, the AICTE, Directorate of Technical Education, the Kerala Technological University and due to the team work by all staff members of Viswajyothi, Parents & Students, Our institution is marching ahead to attain our vision" Moulding engineers par excellence with integrity, fairness & human values".

I humbly conclude and submit this report on this day 30/06/2020, with a note of immense gratitude to the Lord Almighty and Viswajyothi fraternity with an intention to continue the great work serving humanity with distinction.

Dr. Josephkunju Paul C.

Principal

INDIAN YOUTH A WAY OUT OF THE GARGANTUAN MESS OF THE PRESENT

Roshy R, S5 CS A
Chris Jiji, S5 CS A

A Nation is an emotion that lives in the hearts of the people who call it their home. It is more than a region on the world map and the citizens play a huge role in the growth or decline of it. A nation is the result of the thoughts of the people's dwelling in it because it's the people who decide what has to be done in their land. It's these decisions that pave the way for the future of the nation. But being a Pouran(citizen) of the world's largest democracy, we seldom think about the responsibility that lies on the shoulders of the beneficiaries of the future that the nation strives to.

Yes. The Youth of India. The group of people who holds the majority of the population in one of the most populated countries in the world. Indian youth is one of the biggest factions in the world at this moment. The sheer amount of young population in our country exceeds the total population of many world powers. Increase in population density is always seen as a disadvantage to the nation, but if the nation can turn this disadvantage into an advantage or a blessing, the power we would possess would be unimaginable. But we often look over the things that happen in the place we call our home. Majority of Indian youth are sadly ignorant of the changes that are happening to the country. A change which is bound to drag India to a depth of no return.

India is going through a great negative revamp as we speak. The pillars of democracy, put up over the bravery, wisdom and courage of our great leaders in the past, are being torn down. The nation is shifting to a constitutional dictatorship. The parliament is transforming into a mere notice board of the RSS agenda. The peoples' elections are being trumped by petty horse-trading. The untouchable heights of law enforcement and judiciary have turned to favour those with money and power. The socialistic visions of the country have changed into privatization. The list of changes in the past 6 years goes on. The leadership even went on taking pieces from the books of our previous captors. The infamous British policy of Divide and Rule has manifested itself in the communal hatred being sowed on the land by extreme-right factions. But throughout this, the youth are still asleep. A group of people with the potential to change the whole world at their will, refrain themselves from having a say on their nation.

Just think for a moment about the immense power we hold. The potential to rise as the voice of a new India, where the boundaries put up by castes, religions and regions are brought down by the intellectual and emotional unity of Indian youth. Do you think that's a far fetched utopian idea? Do you think that you are the first generation striving towards similar goals? What part should youth play during such times? All these questions have an

answer. An answer engraved on the great history of India by the golden generation of young freedom fighters of the past.

The youth of India has always been the cautions keepers of the nation. The young generations of the past have been torchbearers to several revolutionary thoughts and ideas in the country. In 1848, a 23-year-old Dadabhai Naoroji founded 'The Student's Scientific & Historical Society', which marked the beginning of student movements in the country. The awe-inspiring story of the 'Derozians', a student community that sprung up from the Hindu colleges of Bengal in 1928, is often considered as the prime example for the impact of student movements in India. The Derozians inspired and led many colleges around the nation to express their ideas, question the system and to protest against the rule of British and the blind, inhumanly customs and traditions practised under the Hindu and other religions that thrived in the nation. From here youth created a wave of spontaneous impact around the nation like those in the protest against the partition of Bengal, Quit India movement, no tax campaign, swadeshi movement, non-cooperation movement etc, which eventually led to the freedom of India. But the great acts of youth did not end there.The Indian youth continued making impacts even after India gained its independence. The power of the young population even proved to shatter the foundations of a government through the Navnirman Andolan of 1974, where students of Gujarat took matters to the streets against fees hike and corruption of the state government which ended by the resignation of CM Chimanbhai Patel. But in present-day India, students are facing a huge challenge. They are to fight back against the most vicious and corrupted facist government in the modern history of India.

On 15 December 2019. A dark day in the history of India. Peaceful protests of students from the Jamia Milia Islamia University was retaliated by brutal violence of the Delhi Police, even to the extent of getting into the libraries of the campus and beating up students who were in the library referring notes. The statements from responsible peoples representatives that followed the attack on the students were equally condemnable, where they mentioned the students and the university as a group of Anti-Social and Anti-National individuals. Why all this? Because the university became a hub for protest against CAB and NRC bill, a highly intolerant and extremist bill which posed a serious threat to the Muslims in India. The students all over India took to the streets, rallying in support for the victims of the Jamia Milia Attack. The Millennials led what was their first major intervention in the political hierarchy of India. A fact to be noted is that the university of so-called "Anti-socials" produced around 30 civil servants this year alone and was ranked No.1 in central Universities. The University holds renowned high standards and high placements from top MNC's around the globe. The infamous watchdog media's rallying behind the ruling party of India even went to the depth of labelling the UPSC crackers of Jamia as Jihadi's.

This above instance alone can dictate the intolerance, fear and hate of the government and the right-wing fascist groups that control the government hold against the youth in India and their collective voice. And that fear and hatred can be used as a tool to destroy the fascist regime that rules and destroys our very precious country. We may have been brought up in different religious backgrounds, in different traditions, but as you grow in knowledge and experience, we must open our eyes and realize that time moves on. Imagine the guilt we would possess when we would retrospect one day about the times we spent wasting on irrelevant things when our own country was plunging into a point of no return. The Great Indian Vision was passed on to us, to be fulfilled by us and to pass on a happy, prosperous and lively nation to our coming generations.

To all those people who think that these do not matter to them. How long will you survive without a happy society? How long can you turn a blind eye to the events that unfold around you? What if you fall prey to the very problem that you ignore now? What if you go down into the dark events of society? By the time realisation dawns, it might be too late. So this is the right time to act.

We should be the first to protest, agitate and express. A young citizen must be sensitive and aware of his society and should have the guts to question wrongdoing. Just remember this. We are the ones who should live out our lives in the nation we call our home. This isn't for anyone else but us, for a bright tomorrow, together with friends, family and humans. To enjoy without the barriers of religion, caste, region or colour to separate us. The power was always with us, it was built from us, and for us. If not ourselves, who else will stand for us?

വെള്ളി നക്ഷത്രം

Dilna Biju
S1 ECE A

വെള്ളിനക്ഷത്രമേ, വിണ്ണിൻ വിതാനത്തിൽ
മിന്നി വിളങ്ങുന്ന കണ്ണിൻ വെളിച്ചമേ,
കണ്ണു നീ ചിമ്മുന്നതെന്തിനാണെപ്പോഴും
കൺമണീ, കണ്ണിൽ കരടുപോയോ?

ആയിരം നാഴിക ദൂരത്തിലന്തിയ്ക്കു
താനെ ഇരിക്കുന്നതെന്തിനാണോ?
പോരുക, പോരുക എന്നുടെകൂടെയെന്നോമനെ
എന്നുമെൻ കൂട്ടുകാരീ

ഫുല്ലാമനോഹര പുഷ്പങ്ങളെങ്ങുമുണ്ടെങ്ങുമേ
നിന്റെ മനം കവരും
തൊങ്ങലും പൂക്കളും തുന്നിപ്പിടിപ്പിച്ച
പൊൻനിറം കാച്ചിയ കുഞ്ഞുടുപ്പും

തങ്കക്കുരുന്നിളം കൈകളിൽ കങ്കണം
കിങ്ങിണീ മോതിരം ചാർത്തി നിൽക്കാം
പൂത്തിരി കത്തിച്ച പൂമര ചോട്ടിൽ പോയ്

അല്ലലില്ലാധിയില്ലാലോലമാടിത്തൈ
തെന്നലിൽ പൊന്നൂയലാടിയാടി
കൊട്ടും, കുരവയുമാർപ്പും വിളിച്ചുനൽ
കെട്ടിടാം കോലങ്ങൾ മാറിമാറി

കണ്ണുപൊത്തി കളിച്ചിടാം, തരംപോലെ
മണ്ണപ്പമുണ്ടാക്കാം വീടുവെയ്ക്കാം
പാൽക്കഞ്ഞി നൽകിടാം, പഞ്ചാര നൽകീടാം
പാലടപ്പൂമ്പഴം തിന്നുതീർക്കാം

പാടവരമ്പത്തു തത്തുന്ന തത്തമ്മ പെൺമണിയേ
തക്കത്തിനൊത്തു പിടിച്ചു പഠിപ്പിക്കാം
തത്തമ്മേ തത്തമ്മേ പൂച്ചപൂച്ച

George M Roy
S8 CE-B

These are moments that i believe we should all reflect on, though we wouldn't like to. Through everything we've been through the highs the lows and everything's in between...from the first moment we walked in with our eyes gazing, bewildered by the unknown world of formulaes theorems & lectures...to the last moments, separated by a pandemic but connected by technology...from pinging another at odd hours to get movie recommendation & group chats in game rooms...

we've come a long way.....

To the teachers who've guided us through this perilous journey of how to deal with the problems discussed inside the classroom and those which occurs on the outside, those who went out of their way to help us, to be better, who saw something in us that we couldn't see ourselves, who helped us become who we are now & for making us understand that, & that maybe not all of us are for this calling and that it's alright to not be so...for telling us to follow our passions, to be happy in what we do, in what create for ourselves, to not be afraid of that big unknown, to take that leap of faith & above all else be kind to one another, always...

To the new friends we all made, some on the front row, some in the middle and some we've lost along the way...to times we'll never forget, to showing us new things in life and widening our eyes to thing's we've never experienced before...
To the stories we told each other during class, the biscuits we shared, chips and drinks too...to gossip's that turn to air and truths that are writ in stone, to laughter, to sadness, to love & heartbreak, like everything else in life this too must come to an end.

For everything, Thank you. Adiós Mí Amigos.
Till we meet again. Sooner than later. Ciao.

WOMEN EMPOWERMENT

Ankitha Manoj
S3 CE B

"The strongest actions for a woman is to love herself, be herself and shine amongst those who never believed she could."

Women empowerment is granting women the freedom to make the required life choices for themselves. Patriarchal society in most countries has been the main reason for discrimination against women in most of the countries all over the world. Even if 50% of the population consists of women, the rights, and authority to make a decision are denied to women. Hence, women empowerment has not been entirely accepted by most countries, and this is becoming a significant issue in the overall development of a nation. Discrimination against women and girls – including gender-based violence, economic discrimination, reproductive health inequities, and harmful traditional practices.

Gender equality implies a society in which women and men enjoy the same opportunities, outcomes, rights and obligations in all spheres of life. Equality between men and women exists when both sexes are able to share equally in the distribution of power and influence; have equal opportunities for financial independence through work or through setting up businesses; enjoy equal access to education and the opportunity to develop personal ambitions. More women than men live in poverty. Economic disparities persist partly because much of the unpaid work within families and communities falls on the shoulders of women and because they face discrimination in the economic sphere. Educational empowerment: About two thirds of the illiterate adults in the world are female. Higher levels of women's education are strongly associated with both lower infant mortality and lower fertility, as well as with higher levels of education and economic opportunity for their children.

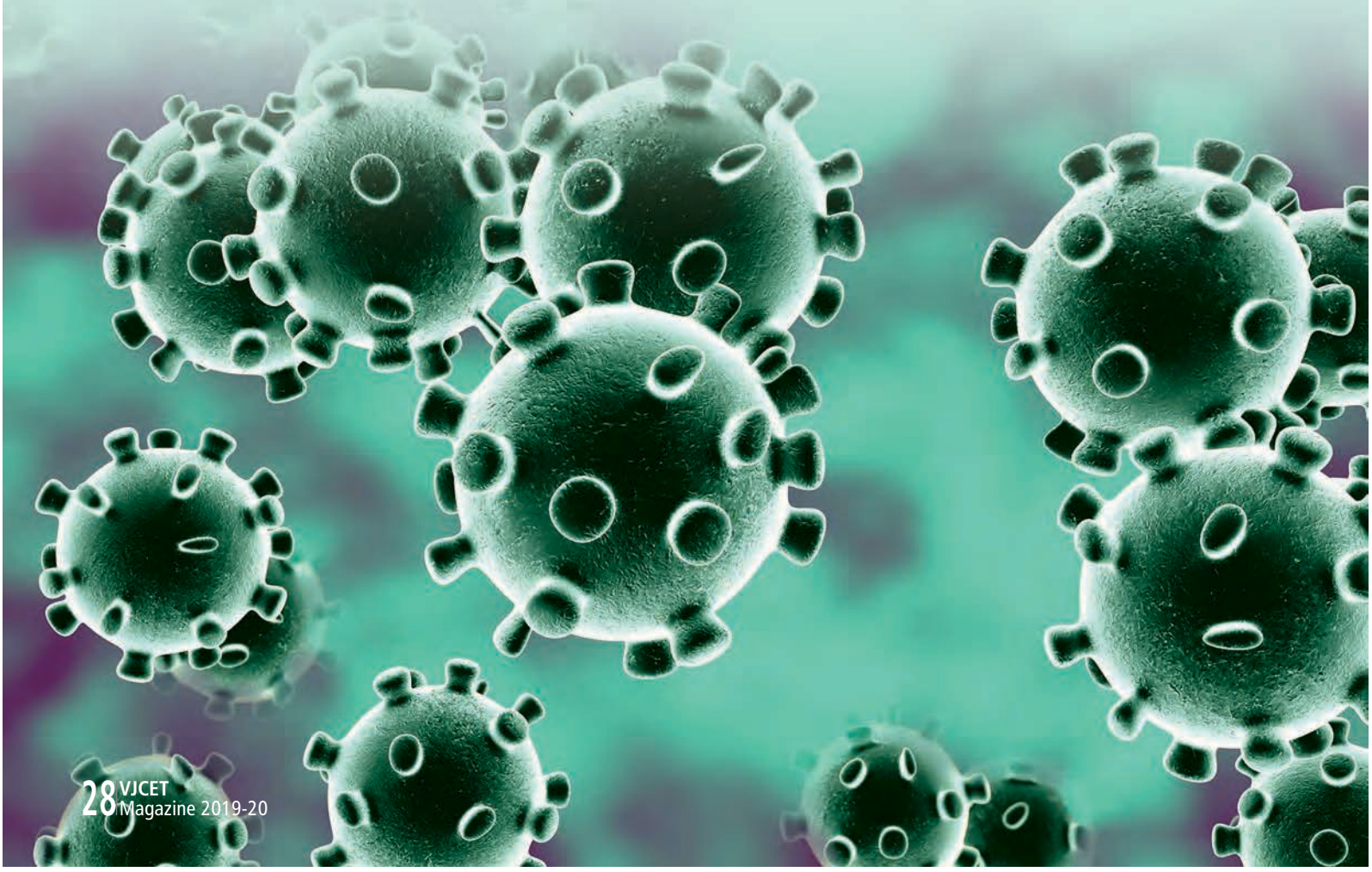
As members of the emerging economic giant, it becomes essential that both genders contribute and benefit from the growth of the nation. However, women in India, continue to suffer from the burden of social norms, traditions, and definitions. It is an irony that globally considered as an epitome of strength, love, and care women are still 'the weaker sex' in our society. Irony nevertheless, it is a shame as well.

In conclusion, I want to underline the importance of the empowerment of women. Effective policies backed by action to accord them their due rights and equal opportunities will be critical to bolstering the overall work on preventing sexual violence against women and other citizens in conflict.

കൊറോണം

Kevin Prince
S5 CSE B

പാമ്പുകൾക്ക് മാളമുണ്ട്
പറവകൾക്ക് ആകാശമുണ്ട്;
മനുഷ്യപുത്രന് കൊറോണയും ഉണ്ട് !
നിന്റെ നാമോത്ഭവം,
തിരഞ്ഞു ഇറങ്ങും ഒരു
മലയാളഇ മന്നൻ എത്തിച്ചേരില്ലയോ
കിരീടം എന്ന പദത്തിൽ
നാടിനെ കാക്കാൻ തുനി-
ഞ്ഞിറങ്ങിയ സർക്കാർ
പോലും അടിതെറ്റി
വീണല്ലോ നിന്റെ ഈ 'സ്വർണ്ണ' കിരീടത്തിൽ!
തലയുള്ളവൻ വാക്സിൻ
കണ്ടുപിടിക്കും വരെയും
തല പുറത്ത് കാണി-
ക്കാതെ ഇരിക്കുക തന്നെ
വിദ്വാനുഭൂഷണം.



INTERVIEW

WITH ANITTA PHELIX

bake_n_slice

scan me

ഓണം 2019

The Onam celebrations of VJCET was held on 6th September 2019. The first three hours were taken for class and the celebrations started from the 4th hour. The celebration kicked off with an Onam song at all classes. Then it was the time for 'Onapookalam' in which the students from all the department took active participation. After that, we had an 'Onapaattu' competition which was conducted house wise. At noon 'Onasadhya' was served for the non-teaching staffs.

The main attraction of our Onam celebration was the 'Shingarimelam'. Another main entertainment was the Maveli and all enjoyed the moments with him. It was a delightful moment for all the students. And then we had a massive thiruvathira held before the main auditorium. And in the evening 'Payasam' was served by the college union and all enjoyed it. That was a memorable day and all the programs were well arranged and organized. The program committee made sure about the time management and with good supervision, the programs finished on time. All had a wonderful Onam celebration and the college authorities were pleased.

INTERVIEW WITH

scan me

TEQNOCART™

DESIGN. DEVELOP. INNOVATE

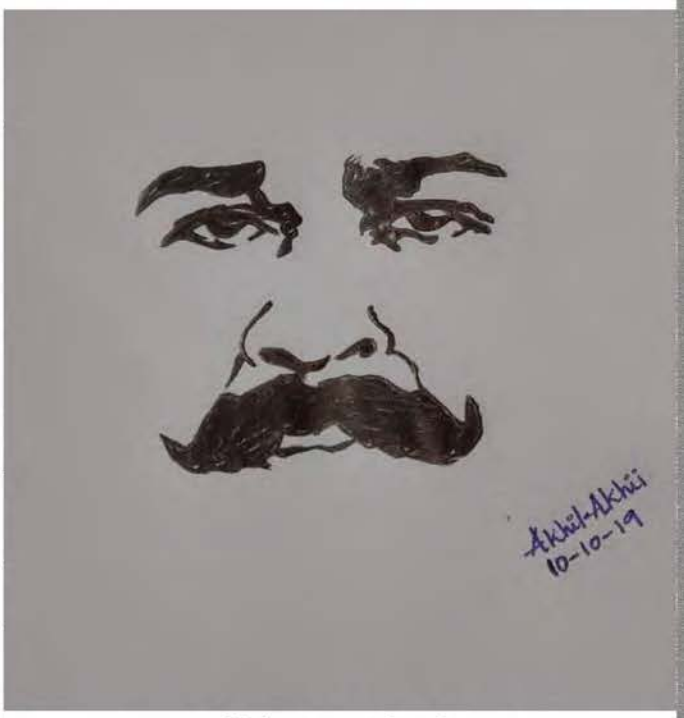
VJCET EDITORIALS

VOLLEYBALL MATCH 2019

The Viswajyothi college of engineering and technology volleyball team has been gone for KTU C –Zone tournament on 28-09-2019 and 29-09-2019, at MA ENGINEERING COLLEGE, Kothamagalam. The first game was with Albertians institute of science and technology, in which the college team has defeated them with a set of 2-0 having spectacular game points. Next Game was with KMEA college which was also a great victory with a set of 2-0. At last the team was for the selection of KTU-Interzone tournament in which the game was with SCMS college, that spectacularly made a winning moment with a set of 3-1, turning last set with a point differential of VJCET 15-SCMS 10. The team got into finals with MA COLLEGE which made the team grab the RUNNERS-UP CUP. Finally, The team got selected for the KTU INTER-ZONE tournament which was held on 15-10-2019 and 16-10-2019.

DRAWINGS

Aiswarya Unnikrishn A N
S2 IT



Akhil K Unnikrishnan
S7 EC A

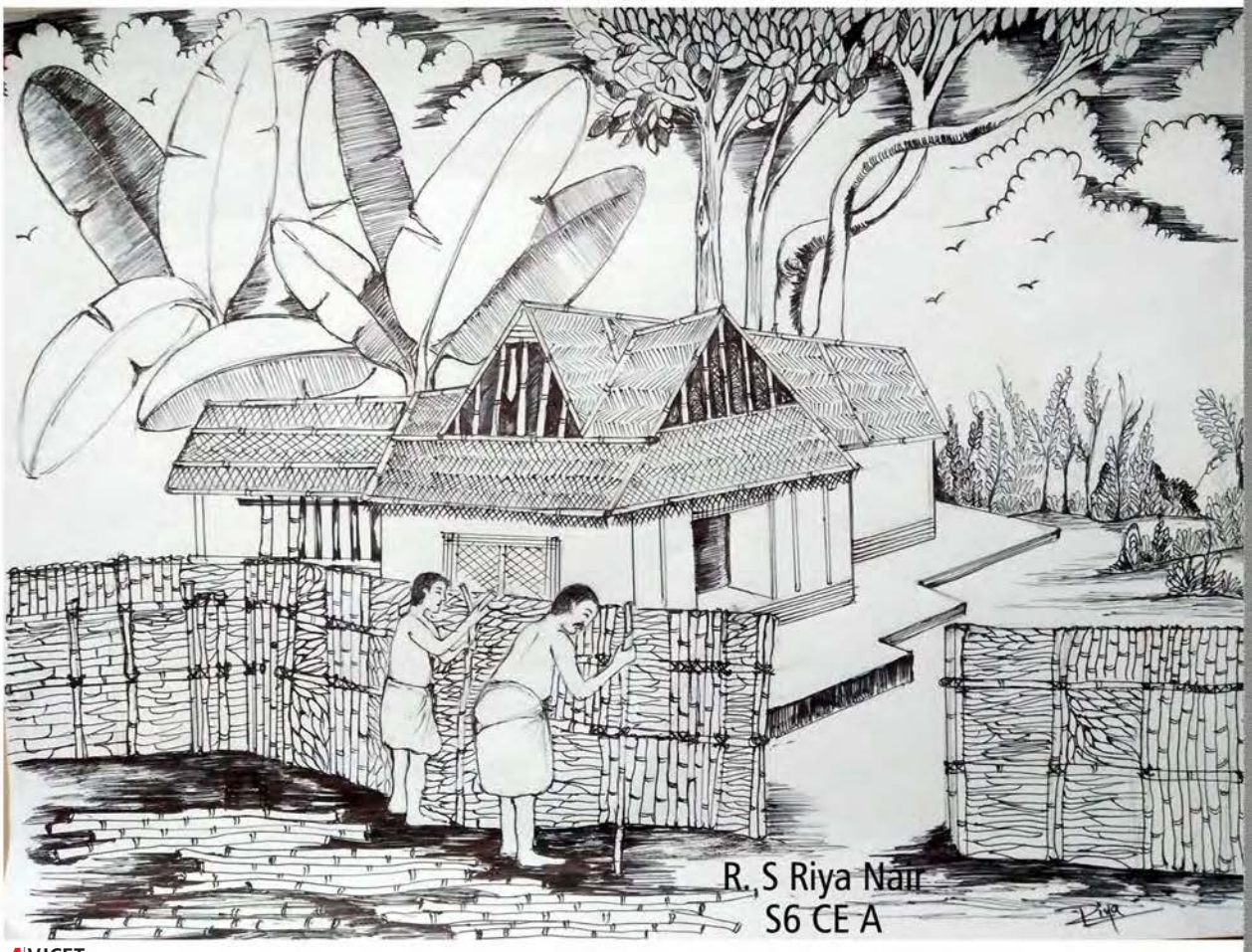
Aiswarya Unnikrishn A N
S2 IT

Liya Mathew
S3 CSE A (1)

DRAWINGS

Liya Mathew
S3 CSE A

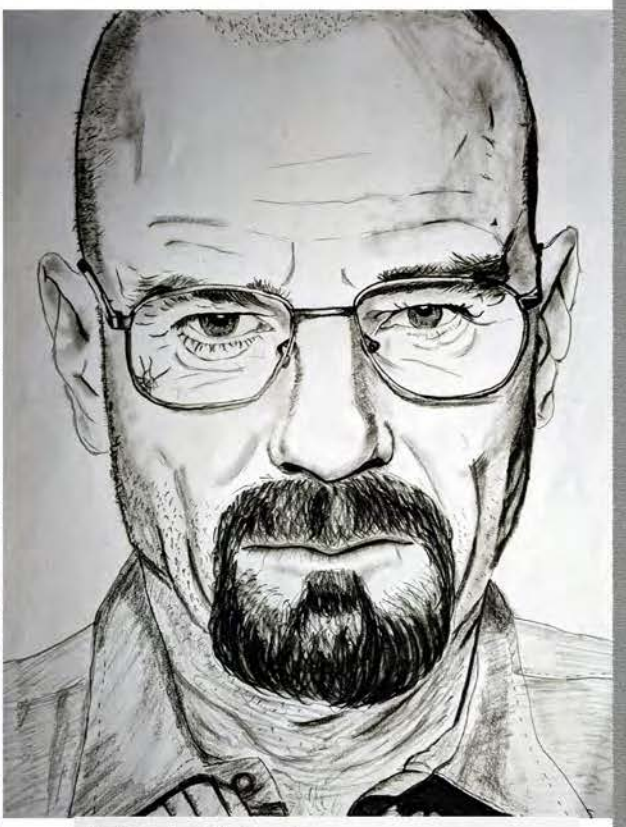
ANNA MANOJ
S1 CSE B



R., S Riya Nair
S6 CE A

DRAWINGS

Athul Krishna H
S3 CE B



Ashwin V Paul
S4 CSB

Ashwin V Paul
S4 CSB

Anjali K R
S2 CS A

DRAWINGS

Amal Koshy George
S2 CE B

Athul Krishna H
S3 CE B

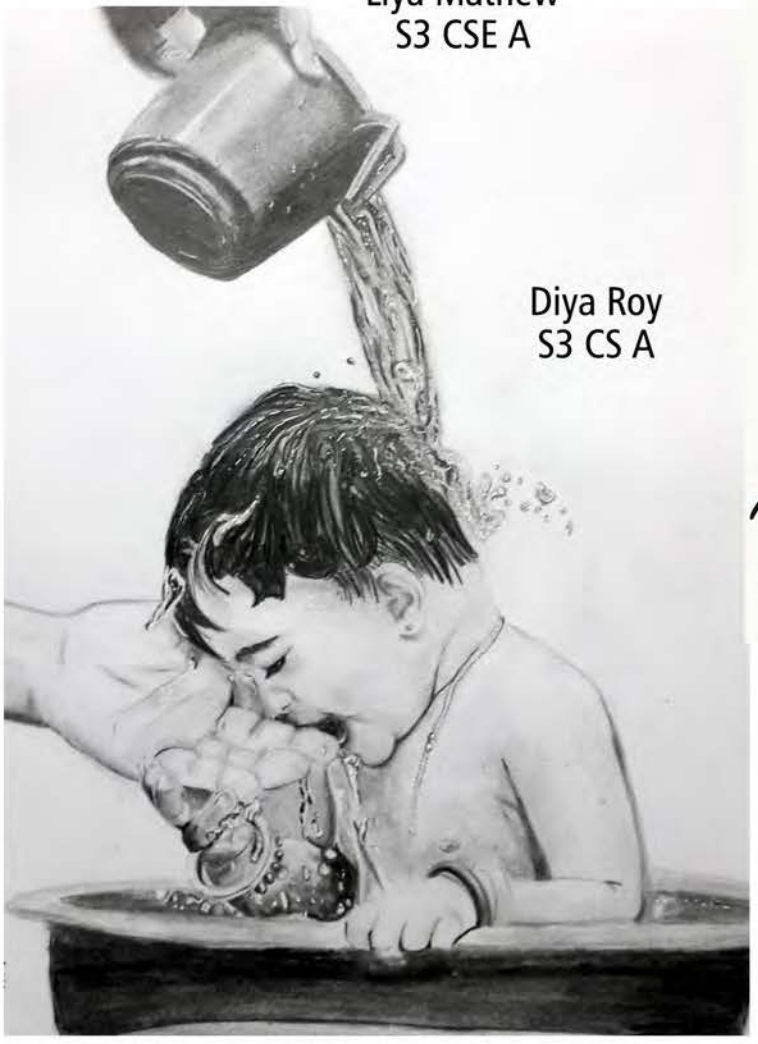
Athul Krishna H
S3 CE B

Anjali K R
S2 CS A

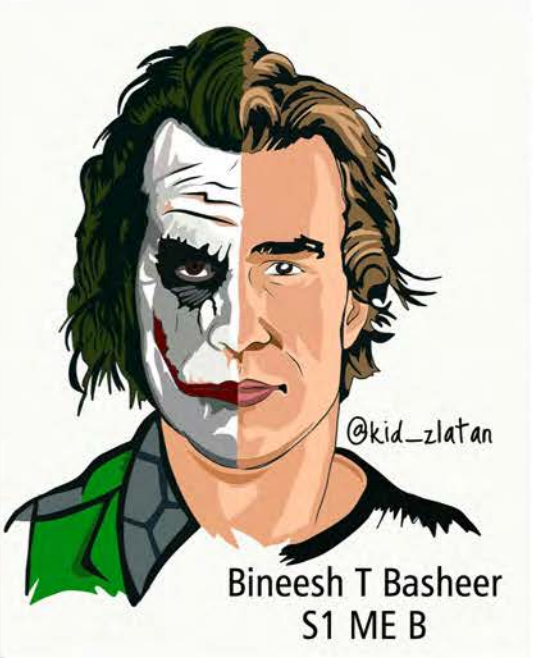
DRAWINGS

Liya Mathew
S3 CSE A

Diya Roy
S3 CS A



Diya Roy
S3 CS A



Bineesh T Basheer
S1 ME B

Anjali K R
S2 CS A

DRAWINGS

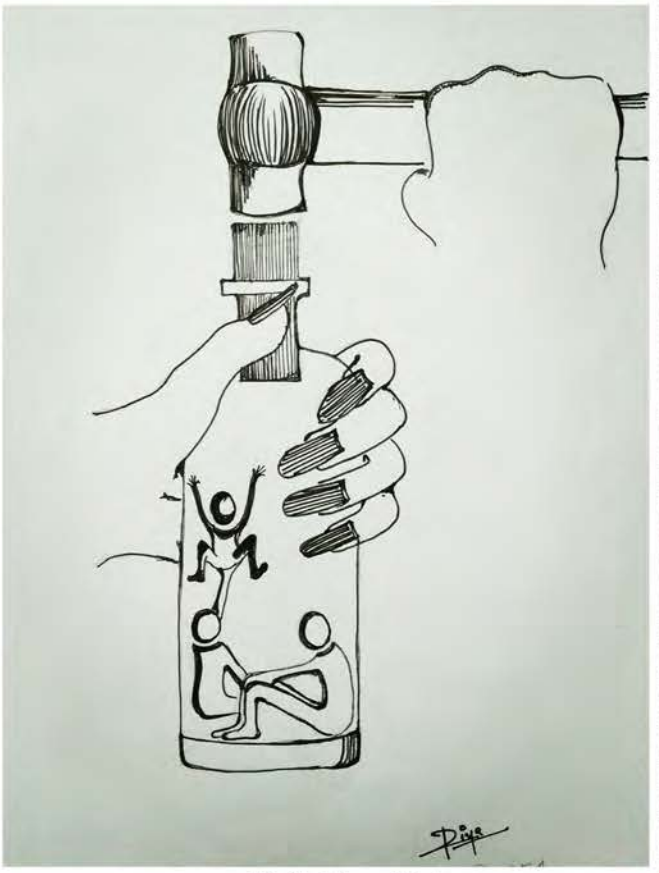
Jisa Shaji
S8 CSE B

Elizabeth George
S2 CS B

Diya Roy
S3 CS A

Irene Meriyam Jos
S3-IT

Elizabeth George
S2 CS B



R. S Riya Nair
S6 CE A

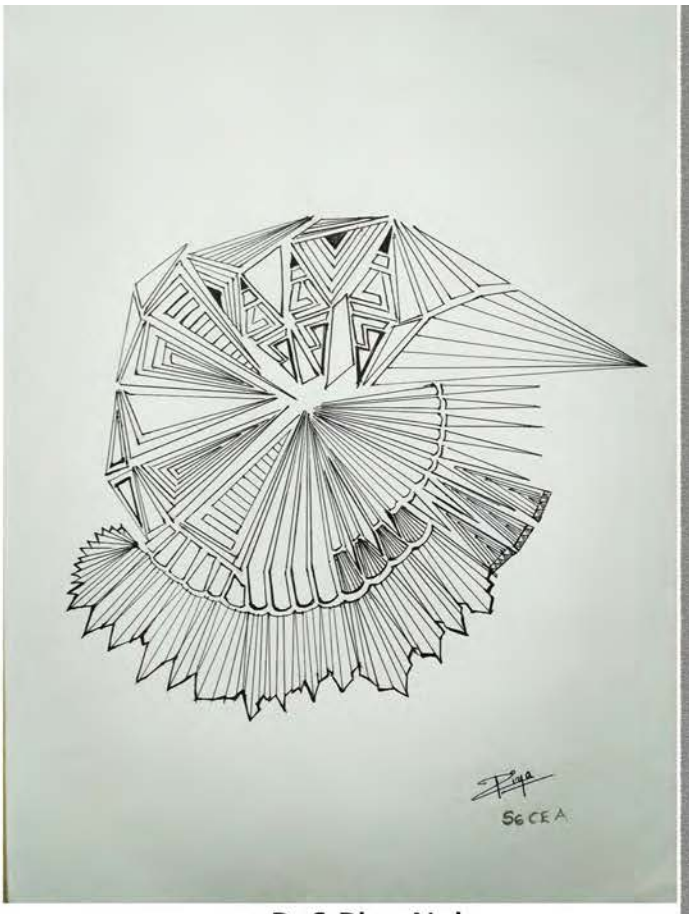
R. S Riya Nair
S6 CE A

DRAWINGS

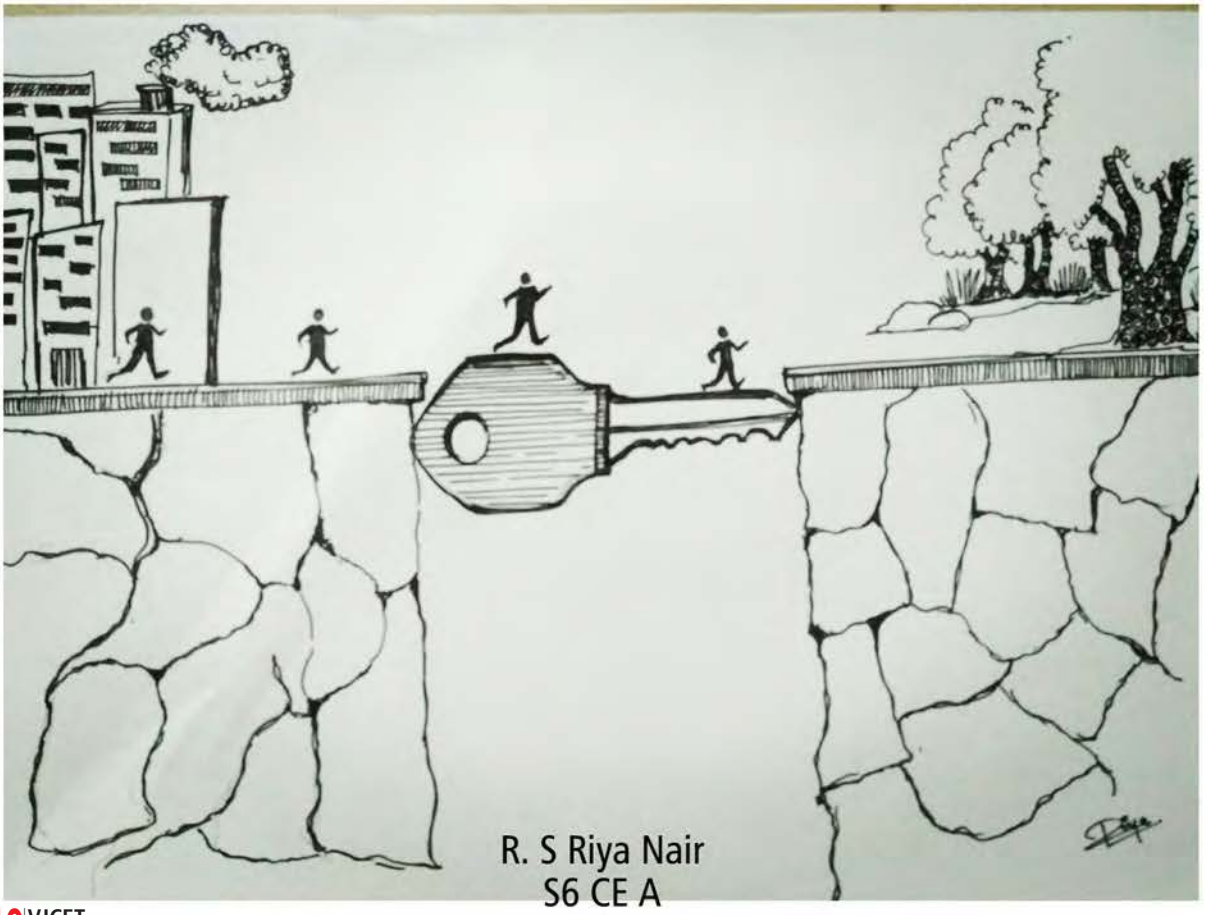
DRAWINGS

Rajalakshmi Raj
S3 CSE A

Rajalakshmi Raj
S3 CSE A



R. S Riya Nair
S6 CE A

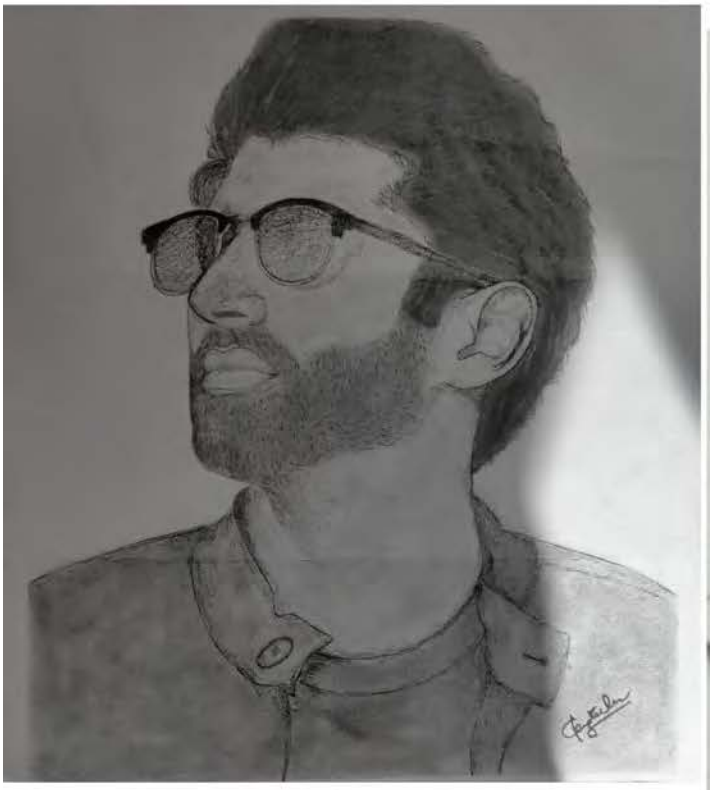


R. S Riya Nair
S6 CE A

DRAWINGS

Akshay Sankar P
S2 ECE B

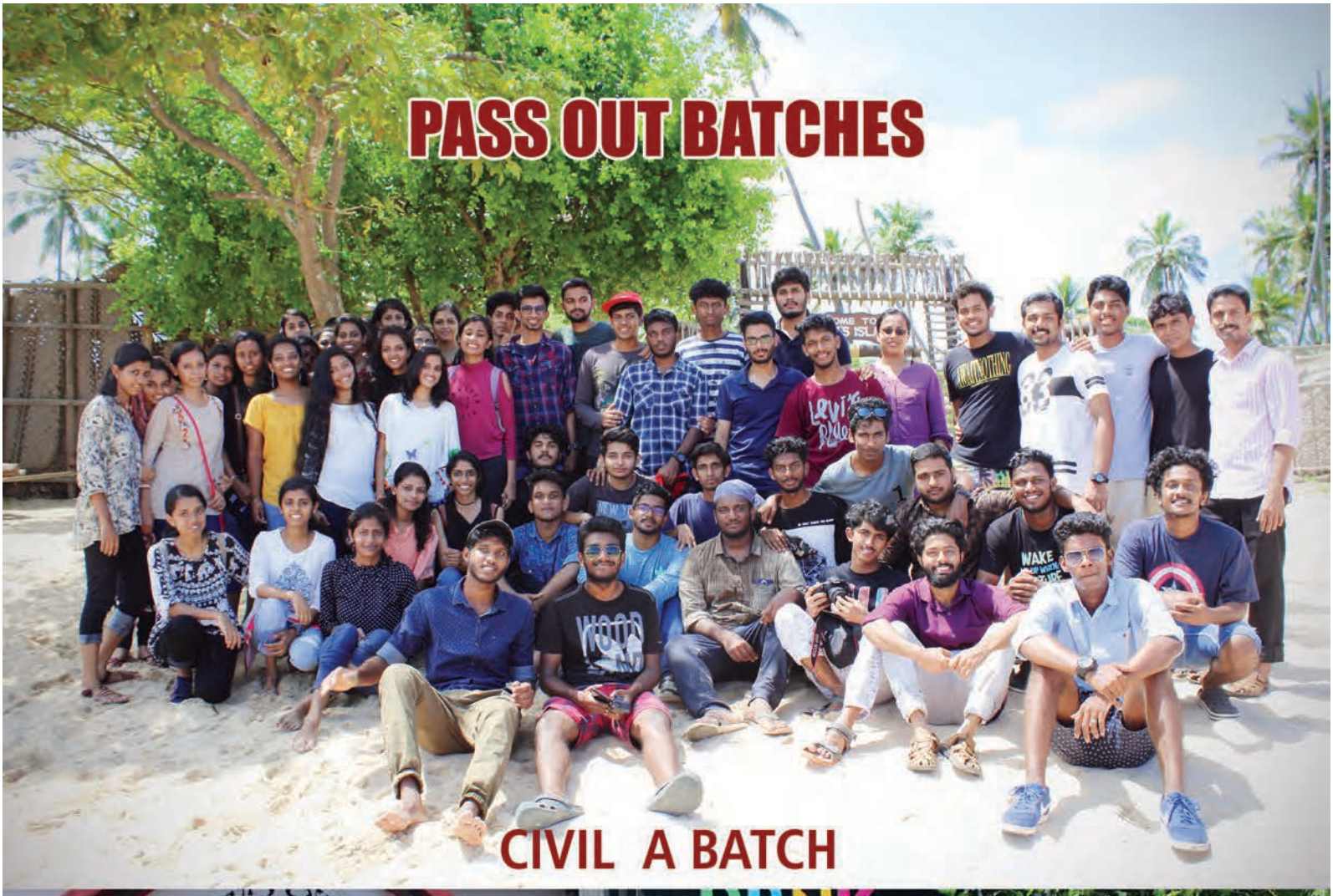
Ben Vargheese
S3 CSE A



Ben Vargheese
S3 CSE A

Theresa Mary Suresh
S3 CSE A

PASS OUT BATCHES



CIVIL A BATCH

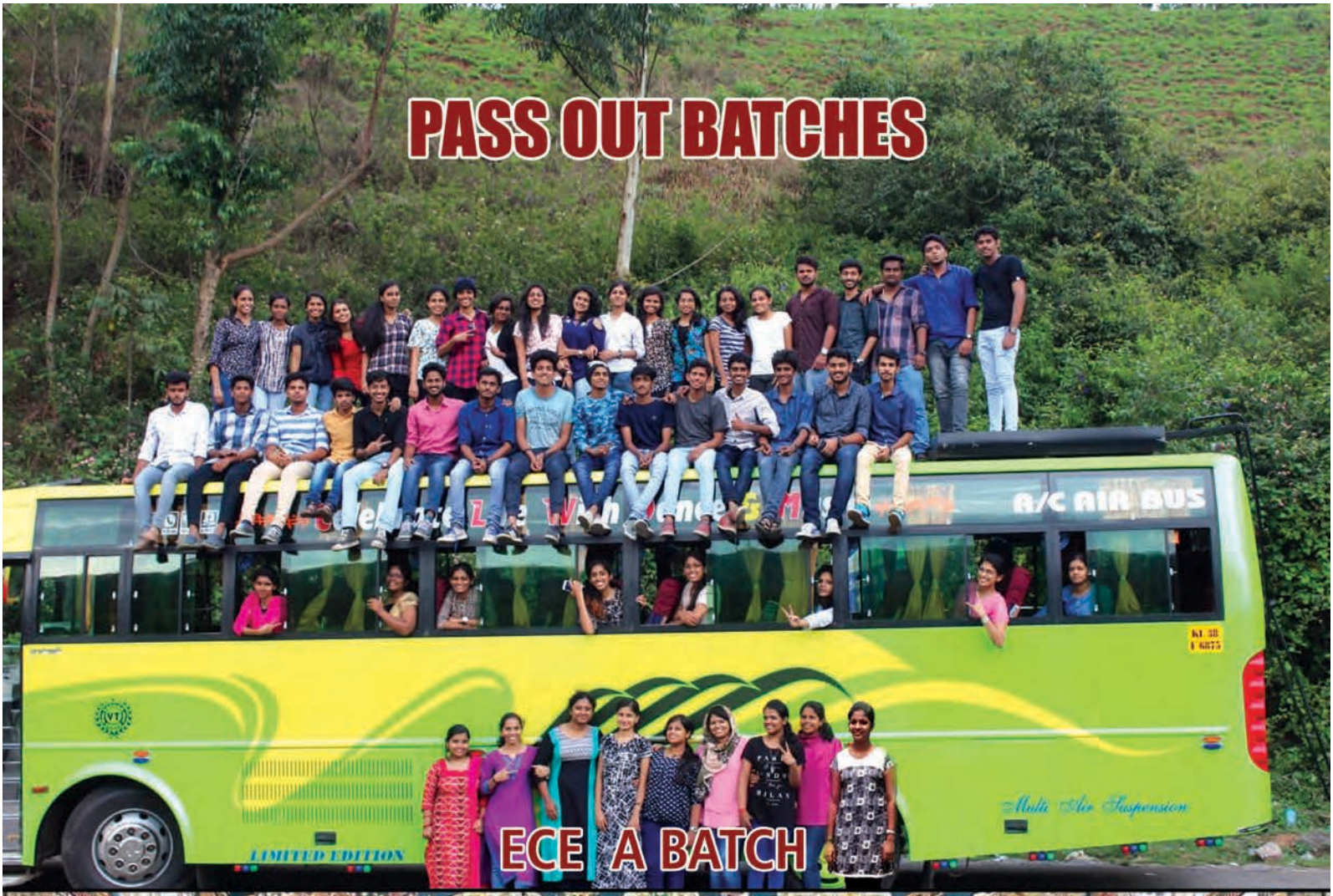
CIVIL B BATCH

PASS OUT BATCHES

CSE A BATCH

CSE B BATCH

PASS OUT BATCHES



ECE A BATCH

ECE B BATCH

PASS OUT BATCHES

EEE A BATCH

EEE B BATCH

PASS OUT BATCHES

IT

MBA

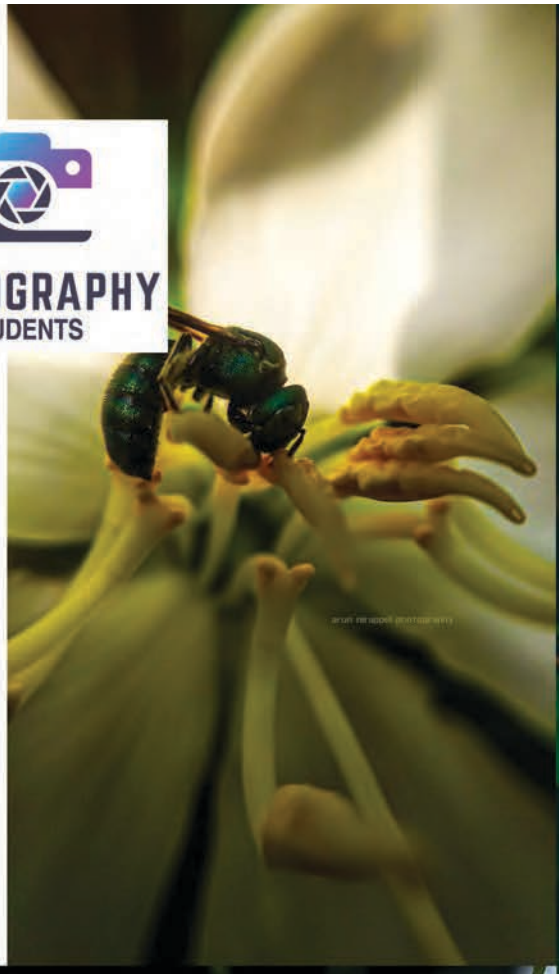
PASS OUT BATCHES

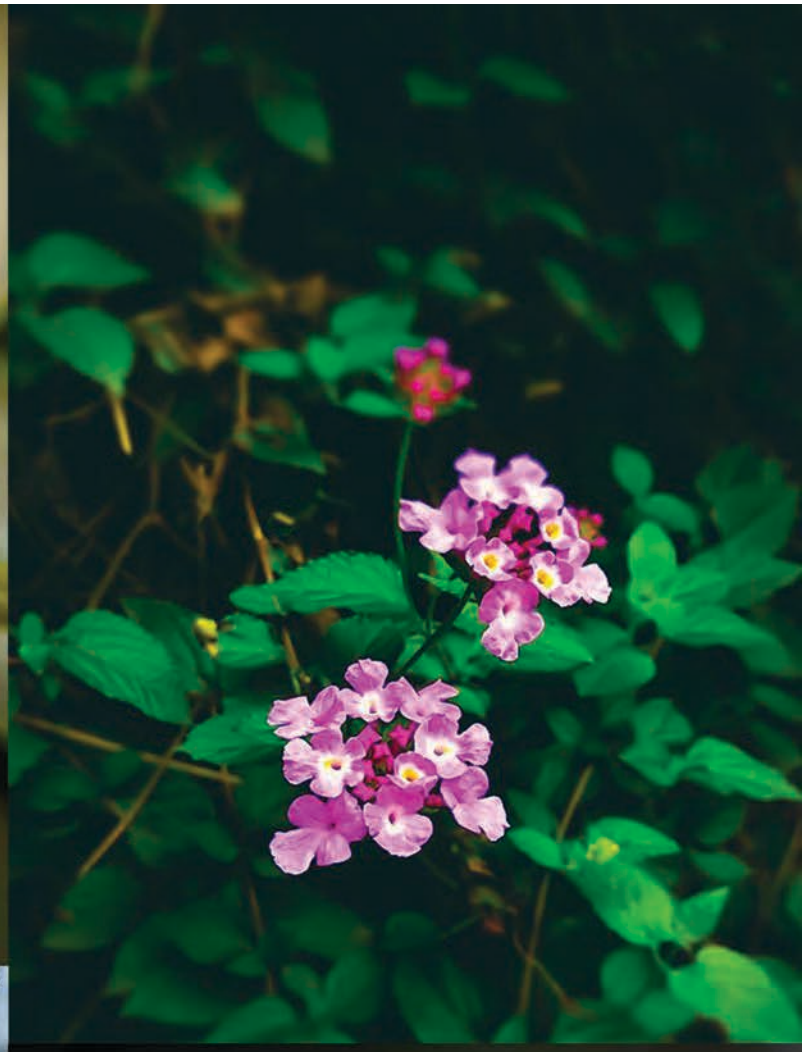
ME A BATCH

ME B BATCH

PHOTOGRAPHY
STUDENTS

PHOTOGRAPHY
STUDENTS

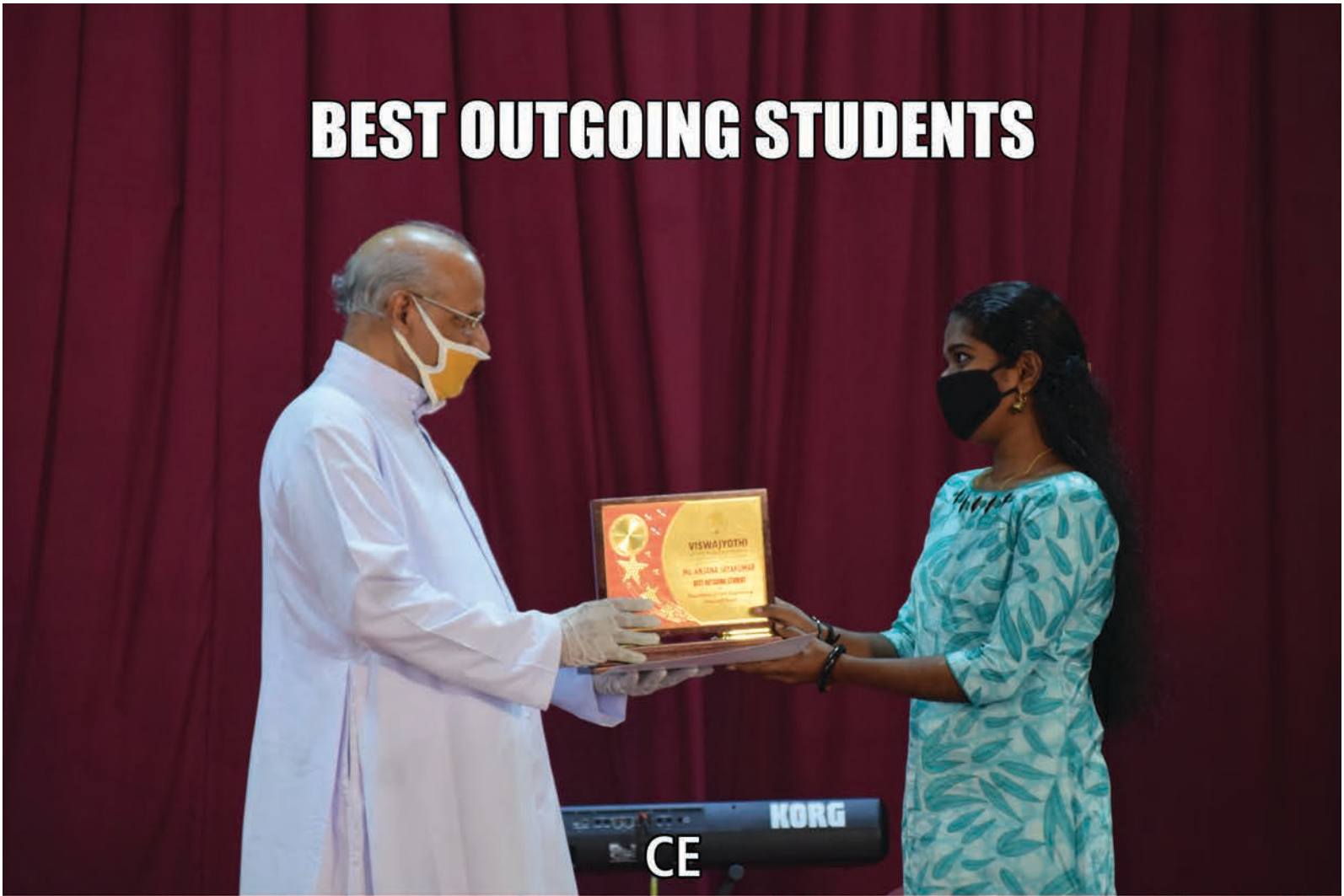




BEST OUTGOING STUDENT OF THE COLLEGE

MURALI KRISHNA AWARD

BEST OUTGOING STUDENTS



CE

CSE

BEST OUTGOING STUDENTS

ECE

EEE

BEST OUTGOING STUDENTS

BEST PROJECTS

CE

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BEST PROJECTS

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BEST PROJECTS

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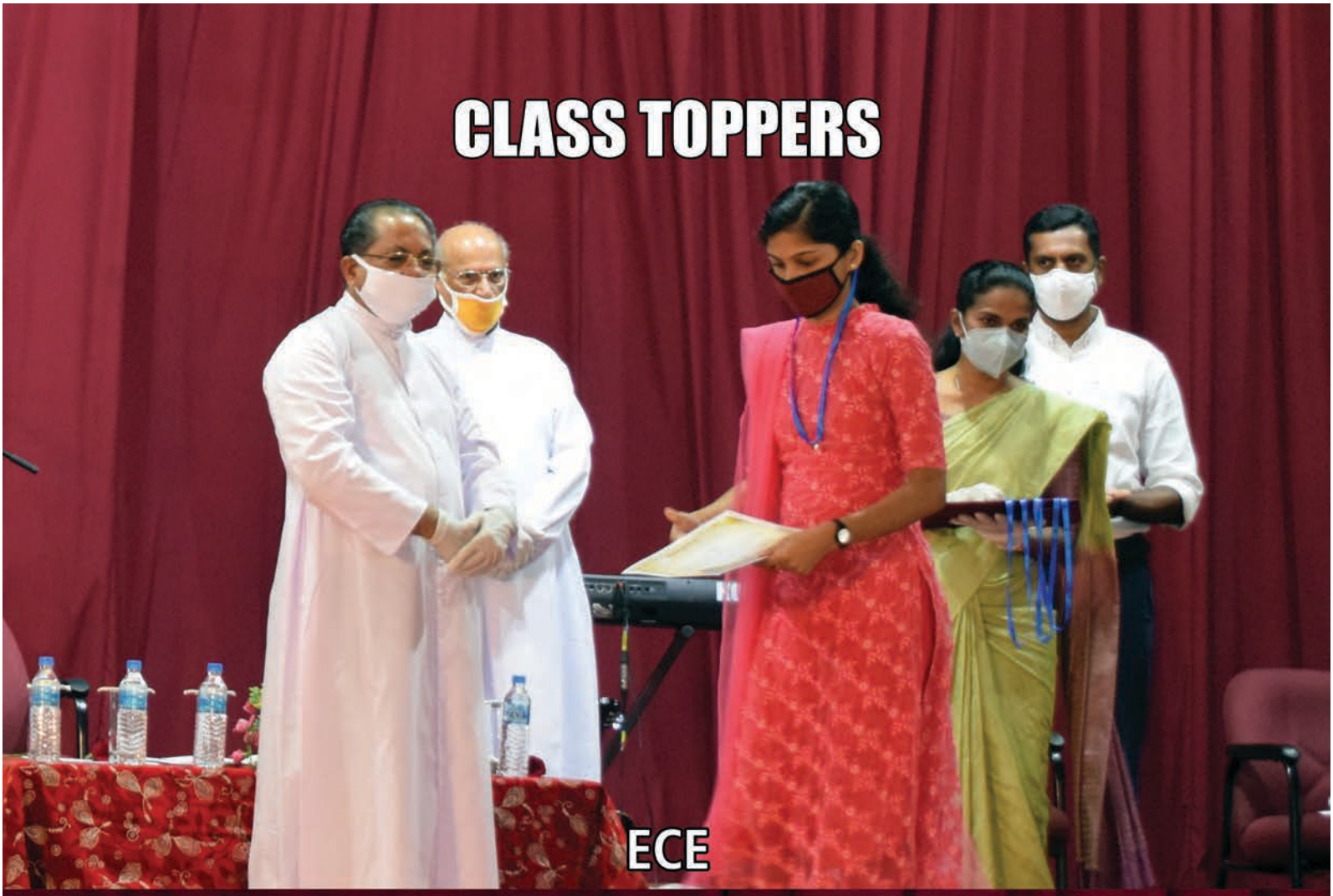
ME

CLASS TOPPERS

CE

CSE

CLASS TOPPERS



ECE

EEE

CLASS TOPPERS
IT

ME

GRADUATION CEREMONY

Give a Spit

SAVE A LIFE.

STEM CELL DONATION

Ms. MINNI SHAJI

Volunteered as the donor of stem cells in saving the life of a child.

STUDENTS COUNCIL INAUGURATION

On 10-10-2019 Viswajyothi College of Engineering and Technology had conducted their Students Council Inauguration. The programme started at 1:10 pm on the performance of the college band. The programme was mesmerizing and by the end of the band, the official ceremony started. The chief guest of the event Dr Alexander Jacob, IPS came around 2 pm. General Secretary of the college, Mr H.Anand welcomed the honourable dignitaries. After that the Principal of the college, Dr Josephkunju Paul C addressed the gathering. The manager of the college, Msgr. Dr Cherian Kanjirakombil gave the presidential address. After the ceremony was inaugurated by lighting the lamp. After that inaugural address is given by the chief guest Dr Alexander Jacob, IPS. Rev. Dr George Thanathuparambil, director of the college addressed the audience. After the chairman of the college, Mr Sean Santhosh Joseph addressed the audience. The vice-principal of the college Mr. Somy P Mathew gave the felicitation. Ms Mariya George, the vice-chairperson gave the vote of thanks.

After the inaugural ceremony, various cultural events take place. The college was glooming by the convictions of the students. The programme ended at 4:30 pm.

The newly elected members of the Student's Council are:

Chairman `	**: Mr Sean Santhosh Joseph**
Vice-Chairperson	**: Ms Mariya George**
General Secretary	**: Mr H. Anand**
College Editor	**: Mr Justin Siby**
Arts Club Secretary	**: Mr Alan Jose**
Sports Club Secretary	**: Mr Melvin Vincent**

STUDENTS COUNCIL INAUGURATION

STUDENTS COUNCIL INAUGURATION

VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

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www.vjcet.org

Viswajyothi College of Engineering and Technology (VJCET), a Self Financing Engineering College is owned and run by the Diocesan Technical Education Trust, Bishop's House, Diocese of Kothamangalam, under the patronage of H.E. Mar George Madathikandathil, Bishop of Kothamangalam, established in the year 2001

"Moulding Professionals par Excellence with Integrity, Fairness and Human Values"

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3rd Among 122 Self-Financing Engineering Colleges in PASS PERCENTAGE

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