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SHAH & ANCHOR KUTCHHI ENGINEERING COLLEGE

Affiliated to University of Mumbai, Approved by A.I.C.T.E & D.T.E., M.S.

Grade „A“ awarded by D.T.E., M.S.

NEWSLETTER FROM THE DEPARTMENT OF ELECTRONICS AND
COMPUTER SCIENCE ENGINEERING

NBA Accredited for 2 years from 2014

Volume No 8

MAY 2021



FROM PRINCIPAL'S DESK



Newsletter "Microtronix" represents creativity and talent of students and staff of Electronics department, SAKEC. In this digital transformation era and in COVID gloom also, staff and students of Electronics department, SAKEC participated in various online programmes and channelized their energies in the right direction.

The Famous quote of "SOCRATES" says,

"The Secret of change is to focus all of your energy, not on fighting the old, but on building the New".

Looking forward for more achievements in the upcoming years.

Dr. Bhavesh Patel
Principal, SAKEC.

FROM HOD'S DESK



Amid the COVID gloom, our staff and students of Electronics department, SAKEC are stepping up forward and working together to bring up this departmental Newsletter "MICROTRONIX 2021".

This is possible due to implementing remote working practices and virtual meetings. Electronics Department, SAKEC implemented long-term virtual teaching and learning. In this digital era, our staff and students published papers, delivered and attended webinars and participated in various competitions.

I congratulate the Editorial staff, student team and Prof.B.Mathew, Chief Editor for their remarkable hard work in bringing out this newsletter in this pandemic period.

Dr. Subha Subramaniam

I/C HOD (ELECTRONICS)

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STAFF MEMBERS OF THE DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE ENGINEERING



STAFF MEMBERS OF THE DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE ENGINEERING

TEACHING STAFF

Sr. No.	Name of the Faculty	Sr. No.	Name of the Faculty
1	Dr. Subha Subramaniam Associate Professor, I/C Head	13	Ms. Manisha Mane Assistant Professor
2	Dr. (Mr.) Vinit Kotak Professor	14	Ms. Sarika Bukkavar Assistant Professor
3	Ms. Shikha Srivastava Associate Professor	15	Ms. Anita Nalawade Assistant Professor
4	Mr. Prashant Khedkar Associate Professor	16	Ms. Jayashri Bhole Assistant Professor
5	Mr. Babychen Mathew Associate Professor	17	Ms. Preethi Warriar Assistant Professor
6	Ms. Vidya Gogate Associate Professor	18	Ms. Nibha Desai Assistant Professor
7	Mr. Nandkishor Narkhede Associate Professor	19	Ms. Aprajita Bera Assistant Professor
8	Ms. Asha Durafe Assistant Professor	20	Mr. Amit Tiwari Assistant Professor
9	Ms. Rameshwari Mane Assistant Professor	21	Ms. Madhura Pednekar Assistant Professor
10	Ms. Salaba Jacob Assistant Professor	22	Ms. Pooja Polshetwar Assistant Professor
11	Ms. Shubhangi Motewar Assistant Professor	23	Mr. Santosh Kamble Assistant Professor
12	Ms. Manjusha Kulkarni Assistant Professor		

TECHNICAL STAFF

Sr. No.	Name of the Faculty	Sr.No.	Name of the Faculty
1	Mr. Mahendra Dhuri	3	Ms. Ashwini Sawant
2	Ms. Jhanvi Deshpande	4	Ms. Jhanvi Amare

EDITORIAL BOARD

TECHNICAL ADVISOR

Dr. Subha Subramaniam



CHIEF EDITOR

Prof. Babychen Mathew



ASSOCIATE EDITORS

Prof. Manisha Mane



Prof. Pooja Polshetwar



Prof. Santosh Kamble



STUDENT EDITORS



Jeel Malde



Prathmesh Patil

ALUMNI ARTICLES

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Ronak Parikh,

BE ELECTRONICS,

Director at Techinfinity, Founder at Technobotics

I'm Ronak Yogesh Parikh, Director at Techinfinity, Founder at Technobotics and a proud alumni of Shah and Anchor Kutchhi Engineering College.

Entrepreneurship has been on my mind since the time I was in my engineering college, and so in my 3rd year I started a company called Technobotics. We delved into robotic training and educational electronics along with customized industrial solutions. Alongside hardware requirements we also started getting a lot of enquiries for website development and marketing so within a year we started our next journey. I co-founded another venture which is now called Techinfinity.

Being an active member of ISTE (Indian Society for Technical education), that grew my interest in robotics and technology. It was a great experience from being a volunteer to treasurer to chairperson of the committee. That was when I was certain that I have the capability to become an innovative leader.

I was also an active member of the student council. All these activities groomed me as a person. I had a lot of opportunities to explore leadership, public speaking, team management and much more which have become fundamentals in my life as a businessman. My college has not only trained me to be a good engineer but also a leader.

My first enterprise Technobotics, had gained momentum in robotic training and educational electronics, we then branched out into customized industrial solutions. We have made robots for TV commercials and Ad campaigns for brands like KFC and Samsung. In the midst of COVID-19 we even provided cost-effective solutions like “temperature sensors” and “nurse calling station” for enterprises and quarantine centers which were also featured in leading newspapers.

With the help of the knowledge and experience I gained; I was successfully able to get both my companies registered under the Startup India Initiative. We got a fabulous chance to showcase our company at IITF (India International Trade Fair) at Pragati Maidan - New Delhi. Our work was recognized there and we got shortlisted into the top 60 startups from Maharashtra and we were promoted to present our work at Magnetic Maharashtra in Mumbai which was our home ground. Our success story was published in a coffee table book and launched by our CM back then Mr. Devendra Fadnavis. The tables turned post that event, we got a chance to work for big companies like Indian Navy, Samsung, KFC, Indian Oil, Yes Bank, and many more.

It's been 5 and half years since the businesses are growing, successfully serving more than 258 clients who have helped us to become what we are today. My teachers have always believed in me that I have a spark to innovate and have continued to support me even after I graduated. I am grateful to my college for giving me a platform to meet two important people in my life who are now my partners.

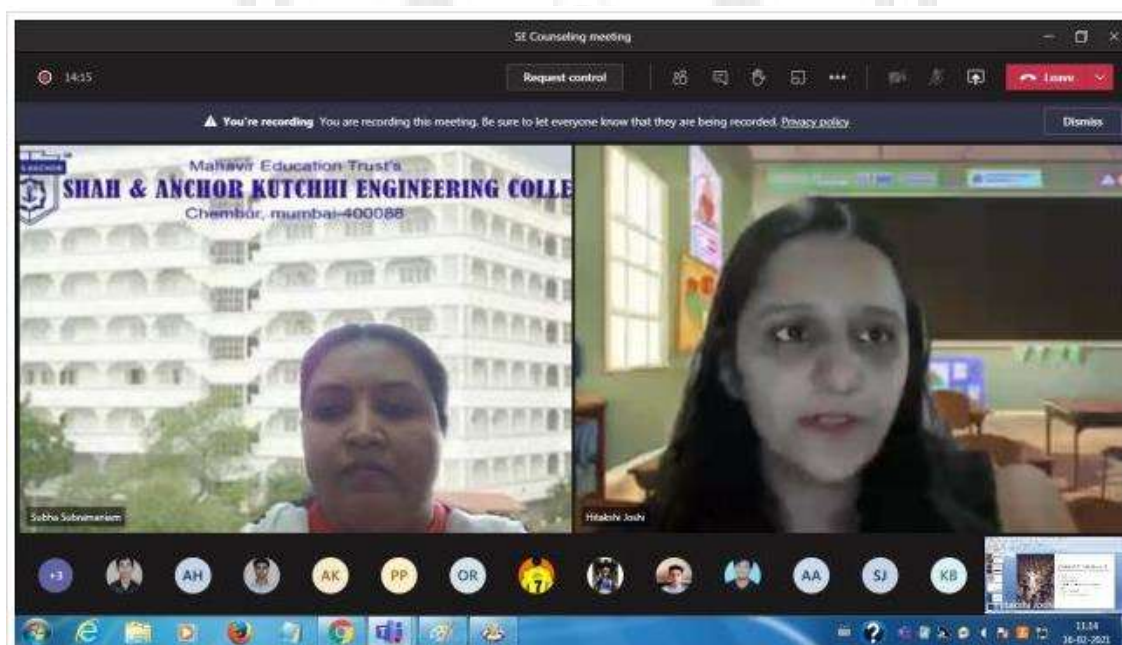
It has certainly been a rollercoaster ride, losing one parent at a young age. All I had was my mother, friends and my teachers that served as a guide in my journey, they have helped me to mold myself to become capable to not just support my family but also provide them with a comfortable life. This is my sincere note to everyone reading, if you are passionate about something, follow your heart. It is certainly not going to be an easy journey but there is nothing more rewarding than entrepreneurship. Believe in yourself, your skills and be consistent, you are bound to shine.

Warm Regards from your beloved Alumni,
Ronak Parikh

DEPARTMENTAL EVENTS

1) ” Workshop on How To Deal With Social Pressure ” February 2021

- Our Counselor, Ms. Hitakshi Vyas Joshi, who is trained in REBT therapy from Albert Ellis Institute, conducted a workshop with our Second Year Students on 16th February 2021. Adolescence is an age when an individual is influenced highest by their peers. This can have a positive as well as a negative impact on them. This workshop was designed to help the students identify their Social pressures, their impact, dealing with positive/negative pressure, and its types.



2) Online Faculty development program on “Workshop on Cadence EDA Tool”

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The department organized an online Faculty development program on “Workshop on Cadence EDA Tool” for staff. This two-day workshop was organized in association with Entuple technologies Pvt Ltd.. Mr. L V Kedarnath, Field Application Engineer was the key note speaker and conducted the hands-on for Cadence EDA Tool for Semi-custom and Full-custom design flow. This workshop was co-ordinated by Prof. Nibha Desai and Prof. Aparajita Bera and was conducted on 29th January 2021 & 30th January 2021.

The workshop was successfully conducted under the guidance of our principal Dr. Bhavesh Patel and HOD, Dr. Subha Subramaniam (Convener). The workshop was conducted completely online and free of cost. This workshop is a huge success for the SAKEC family. The workshop started with the inaugural talk and welcome of the speaker by HOD, Dr. Subha Subramaniam, Dean of Academics, Prof. Prashant Khedkar addressed the participants and threw the light on the importance of workshop pertaining to the need of Industry. In this workshop Mr. L V Kedarnath introduced the Basic flow of Semi-custom and Full-custom design. He has demonstrated Modelling and Simulation of NAND Gate.

Further he has demonstrated the Layout of NAND Gate as Physical Design Implementation. This Cadence Hand-on on EDA Tool was an amazing experience of technology and innovation for the faculty members for Academics and Research Area.

This workshop was concluded by an interactive QnA Session and Fruitful discussion on the upcoming research possibilities in the domain of VLSI Design. Prof. Babychen K Mathew shared his views on the workshop. Prof. Nibha Desai proposed the Vote of Thanks and concluded the workshop.

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SHAH & ANCHOR KUTCHHI ENGINEERING COLLEGE
Mahavir Education Trust Chowk, W.T. Patil Marg, Next to Duke's Co., Chembur, Mumbai - 400 088
UG Programs in Computer Engineering and Information Technology of the college have been awarded accreditation by National Board of Accreditation (NBA) from A.Y. 2019-20 for 3 Years.

Ranked in band 251-300 2019-20

Department of Electronics and Computer Science
Organizes
Faculty Development Program
in association with
ENTUPLE TECHNOLOGIES Pvt & Ltd

"Workshop on Cadence EDA Tool"

Date: 29th and 30th January 2021
Time: 10am to 2pm
Convener: Dr. Subha Subramaniam
Co-ordinators: Nibha Desai, Aparajita Bera

022-67978100 admission@sakec.ac.in www.shahandanchor.com 022-25580854
@sakec_chembur @shahanchor school/sakec @sakectweets

3).“An Insight to Patent Drafting and Environmental Management” December 2020

This session was conducted on 7th December 2020 at 5pm in Microsoft teams virtual platform by Prof. Asha Durafe and Prof. Manisha Mane, faculties from Electronics Engineering.

Department. Prof. Asha Durafe briefed the students of final year Electronics engineering about IPR and Patenting subject which is the Institute level elective for semester VIII. Prof. Manisha Mane discussed the syllabus contents of Environmental Management which is another Institute level elective for semester VIII.

This session helped the students to understand the contents of both the subjects so as to opt the electives in proper direction.

Institute Level Electives Briefing

IPR & Patenting OR EVM???



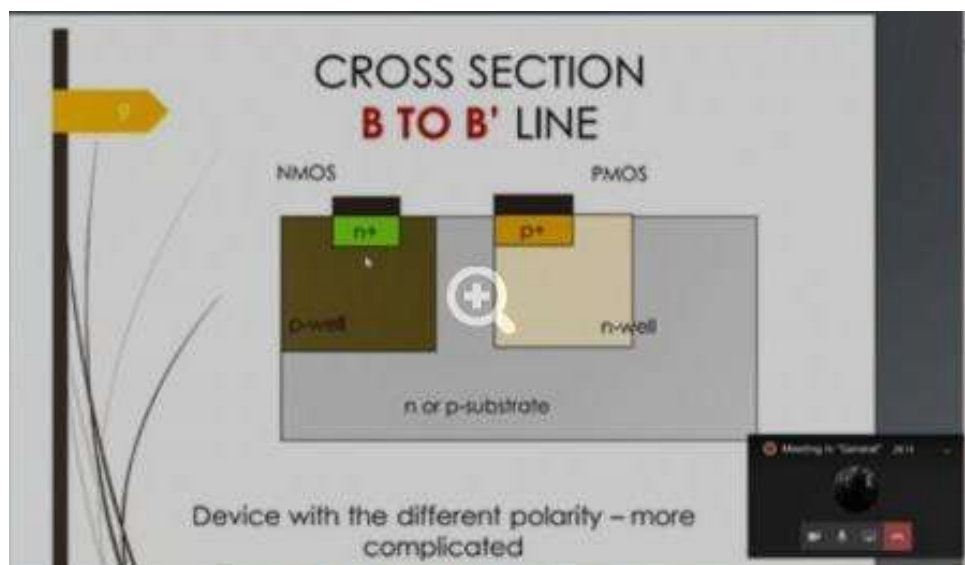
Department of Electronics Engineering

4). “Technical Talk on A GLANCE on CARBON NANOTUBES and CNTFETG by Dr. Subha Subramaniam” November 2020

A technical talk on “A GLANCE on CARBON NANOTUBES and CNTFET” was conducted on 5th November 2020 at 11.30am for final year BE (Electronics) students in Microsoft teams virtual platform by Dr. Subha Subramaniam, Associate Professor, Electronics Engineering Department, SAKEC.

Silicon has to be replaced in Nanoelectronics industry and researchers are exploring new materials for IC fabrication. Carbon Nanotubes and CNTFET have depicted a huge light in this path and can be best suited options to fabricate ICs in upcoming semiconductor industry.

This technical talk is delivered to students in order to explore this upcoming area and motivate them towards NanoElectronics. All practical fabrication issues were also covered in this talk to develop keen interest of students in carbon nanotubes and CNTFET.



5). “Mini Project” Event November 2020

During this pandemic to identify the problems based on societal needs and to provide the solution, students of SE- Electronics have come up with COVID Fighter kit. In this students developed different projects addressing sanitization, social distancing and other norms to fight COVID-19.

Floor sanitizing robot, Automatic thermal screening door, Altering face mask, Medical caretaker bot, Passenger Counter, Contactless doorbell these projects are successfully implemented by the students.

To encourage and guide the students Glimpse of Mini-Project event was conducted by Electronics Department on 26th Nov2020 from 1:00-3:00pm.

The event was co-ordinated by Prof. Rameshwari Mane and Prof. Sarika Bukkawar under the guidance of Convenor, Dr.Subha Subramaniam.

Prof. Shubhangi Motewar, Prof. Madhura Pednekar and Prof. Santosh Kamble worked as review committee member and guided the students.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with a world map background. The slide features the following text:

- TOTAL COST** (in an orange banner)
- Rs. 450** (in a blue box)
- (Including the cost of the mask)** (in a green box)

Illustrations on the slide include a hand holding a disinfectant spray bottle on the left and a house made of puzzle pieces on the right. The Zoom interface includes a 'Participants' panel on the right with a search bar and a list of participants:

- Presenters (2): Rameshwari Mane (Organizer), Parth Phodkar
- Attendees (8): Aditya Arakade, Ajit, Aohay Sohani, Ansh Kamble, Apurva Dahi, Achlesha Hirmaik, Gurraj Malvankar, Hrishikesh Ahire, Jay Joshi

At the bottom of the screen, there is a toolbar with icons for +24, a video icon, AD, a microphone icon, PP, AA, and RM.

6). Orientation of “Electronic Devices and Circuits- I”, S.E.(Electronics), SEM-III CBCGS, C- Scheme, AY-2020-21.

Orientation of “Electronic Devices and Circuits- I”, S.E.(Electronics), SEM-III CBCGS, C- Scheme, AY-2020-21, was conducted on 18th July 2020. The event was organized by Department of Electronics Engineering, Shah and Anchor Kutchhi Engineering College, Chembur on virtual platform of Microsoft Teams. 24 faculty members from various colleges participated in this virtual orientation. Dr. R. N. Awale Chairman, BOS, Mumbai University graced the orientation as Chief Guest. Dr. Sreeja Unnikrishnan, Member, BOS, Mumbai University graced the orientation as Guest of Honour. Dr. Bhavesh Patel, Principal, Shah and Anchor Kutchhi Engineering College and Dr. Vinit Kotak, Prof. Electronics Engineering Department also graced the event.

Dr. Sudhakar Mande, Prof. Pundlik N Ghate ,Dr. Subha Subramaniam and Prof. Prashant Khedkar were the resource persons for the event.

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Virtual Orientation Program
Electronic Devices and Circuits-I

The collage displays various slides from the virtual orientation program, including welcome messages from faculty members and a list of resource persons.

Resource Persons:

- Dr. R. N. Awale
- Dr. Sreeja Unnikrishnan
- Dr. Bhavesh Patel
- Dr. Vinit Kotak
- Dr. Sudhakar Mande
- Prof. Pundlik N Ghate
- Dr. Subha Subramaniam
- Prof. Prashant Khedkar

Topics for Orientation:

1. Working and analysis of Diode
2. Working and analysis of Zener Diode
3. Working and analysis of BJT
4. Working and analysis of MOSFET
5. Working and analysis of IGBT
6. Working and analysis of Thyristor
7. Working and analysis of Triac
8. Working and analysis of SCR
9. Working and analysis of GTO
10. Working and analysis of MOC
11. Working and analysis of LED
12. Working and analysis of Laser Diode
13. Working and analysis of Solar Cell
14. Working and analysis of Photo Diode
15. Working and analysis of Photo Transistor
16. Working and analysis of Photo Diode Array
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25. Working and analysis of Photo Transistor Array Array Array Array Array

Faculty Members:

- Dr. R. N. Awale
- Dr. Sreeja Unnikrishnan
- Dr. Bhavesh Patel
- Dr. Vinit Kotak
- Dr. Sudhakar Mande
- Prof. Pundlik N Ghate
- Dr. Subha Subramaniam
- Prof. Prashant Khedkar

Social media handles: @school/sakec, @shahanchor, @sakectweets, @sakec_chembur

7) PARENT TEACHER MEETING MARCH 2021

The Electronics Engineering Department conducted Parent Teacher Meeting on 27th March 2021 at 11 am on virtual platform Microsoft teams. Totally 73 parents, 22 staff attended parent teacher meeting. The activities of the department were briefed by Head of the Department Dr. Subha Subramaniam. She appreciated the discipline and respect maintained by students in online lectures, practicals. She told student's sincere efforts towards academics has lead to good results in this semester and advised to continue the same efforts in upcoming semesters.

Prof. P.G.Khedkar, Dean Academics, SAKEC suggested students to focus on projects and utilise this pandemic time to develop new skills. He also advised students to improve coding skills and inter personal skills. He told students to take necessary precautions whenever they visit college for any purpose.

Prof. Babychen Mathew, chief Editor of department newsletter MICROTRONIX threw light on 2019-2020 academic year departmental activities. Senior faculties Prof. Shikha Srivastava and Prof. Vidya Gogate shared their views with parents. Prof. Narkhade gave brief idea about exam conduction and Prof. Asha Durafe gave brief idea about IPR cell and research cell, SAKEC. Various competitions like Hackathon, Aviskar and coding competitions are explained by Prof. Manisha Mane. Coordinators of different bodies within the department also shared details of their activities.

Certificates were distributed to the subject toppers by Prof. Anita Nalawade and Prof. Pooja Polshetwar. The subject and class toppers of S.E, T.E and B.E were felicitated. Many parents attended the meeting with their wards, interacted with the staff and shared their concerns with the teachers. Few suggestions and feedback received from parents. Parents shared that they are satisfied with online teaching mode in Microsoft teams. They suggested to conduct exam in offline mode once pandemic is over.

Parent Teacher Meeting

SAKEC
27.03.2021



8) “Organized two week ONLINE Internship on “IoT Hardware, Software and Applications”

Department of Electronics and Computer Science, Shah and Anchor Kutchhi Engineering College (SAKEC), organized two week ONLINE Internship on “IoT Hardware, Software and Applications” from 21st June 2021 to 2nd July 2021 for total 545 students from different 37 colleges in this pandemic covid-19 lockdown situation. This two-week Internship was conducted and coordinated by Prof. Santosh Kamble and Prof. Madhura Pednekar, from Electronics and Computer Science department, Shah and Anchor Kutchhi Engineering College. The internship was conducted completely ONLINE and free of cost.

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Electronics & Computer Science Department
Presents
Two Weeks ONLINE Internship Program on
“IoT hardware , Software and Applications”

COORDINATORS
Prof. Santosh Kamble ,
Prof. Madhura Pednekar

CONVENER
Dr. Subha Subramaniam

Internship Dates
21/06/2021 to 02/07/2021

Register Here:
<https://forms.gle/nH8lqA77T0Jy6>

For more details Contact: 9029973737 / 9920217330

Dr. Bhavesh Patel
Principal

Prof.Santosh Kamble
Coordinator

Dr. Subha Subramaniam
I/c.HOD

Prof.Madhura Pednekar
Coordinator

Summer Internship-2021

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Electronics & Computer Science Department
Presents
Two Weeks ONLINE Internship Program on
"IoT hardware, Software and Applications"

COORDINATORS
Prof. Santosh Kamble,
Prof. Madhura Pednekar

CONVENER
Dr. Subha Subramaniam

IoT
Internet of Things

Register Here:
<https://forms.gle/nMWEqo8ZTEcxJwA>

For more details Contact: 9829913137 / 9920217330

Summer Internship-2021

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KUTCHHI ENGINEERING COLLEGE
AFFILIATED TO UNIVERSITY OF MUMBAI, APPROVED BY D.T.E & A.I.C.T.E

Electronics & Computer Science Department
Presents
Two Weeks ONLINE Internship Program on
"IoT hardware, Software and Applications"

COORDINATORS
Prof. Santosh Kamble,
Prof. Madhura Pednekar

CONVENER
Dr. Subha Subramaniam

IoT
Internet of Things

Register Here:
<https://forms.gle/nMWEqo8ZTEcxJwA>

For more details Contact: 9829913137 / 9920217330

Summer Internship-2021

PAPER PUBLISHED

1) **Title of Paper** : Chamber Gas Monitoring System using KNN Algorithm and Wireless Protocol

Journal Name : Journal of Advancement in Communication System Volume 4 Issue 1

Authors : Asha Durafe, Rahul Jagtap, Sunny Kanojia, Arpan Kumath, Sunny Mishra

Web Link : <http://hbrppublication.com/OJS/index.php/JACS/issue/view/511>

2) **Title of Paper** : Solar Street Light with Dusk and Dawn Facilities

Journal Name : International Journal of Scientific Research in Engineering and Management (IJSREM) Volume 05, Issue 04, April 2021.

Authors : Ajit Divakaran Mini , Gupta Satyam Ramdayal Asha, Kamble Ansh Suresh Anuradha, Jagdale Satyam Suyog Rekha

Web Link : <http://ijsrem.com/download/solar-street-light-with-dusk-and-dawn-facilities/?wpdmdl=5419&masterkey=607685cd8f0c9>

3) **Title of Paper** : IOT Switch using BLINK

Journal name : International Research Journal of Engineering and Technology (IRJET)

Authors : Santosh Kamble, Shahaji s. Sutar, Sachin S. Kadam, Suhas K. Yadav

4) **Title of Paper** : Android based Electric Switch

Journal Name : **International Research Journal of Engineering and Technology (IRJET)**

Authors : Ambodkar Rutvij Shailesh Prajakta, Ahire Hrishikesh Sachin Sheetal, Bera Kiran Purna Krishna, Hirnaik Ashlesha Padmakar Prajakta, Prof. Santosh Kamble, Ms. Anita S. Nalawade

STAFF AND STUDENT ACHIEVEMENTS

STAFF ACHIEVEMENTS



Dr. Subha Subramaniam

I/C Head of Department

Ph.D. (Electronics)

22 Years of Experience

Specialization : Nano Electronics

- 1) Dr. Subha Subramaniam authored a book on "Journey Towards Nanowires". The book explores the semiconductor device journey from Multi Gate MOSFET to Nanowire Technology. The book is published by Lambert academic publishing and available for purchase on the online platform.

Link: <https://www.morebooks.de/store/gb/book/journey-towards-nanowires/isbn/978-620-3-41126-3>

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CHEMBUR, MUMBAI-88

Congratulations

for Authoring a Book
on
**Journey Towards
Nanowires**

Available Online

Dr. Subha Subramaniam
I/C Head
Department of Electronics and Computer
Science

**Journey Towards
Nanowires**
Nanowire Devices and Circuits

LAMBERT

@sakec_chembur @school/sakec @sakectweets @shahancher

2) Published paper titled as FetchZo: Real-Time Mobile Application for Shopping in COVID-19 Pandemic Situation in Sustainable Communication Networks and Application Springer, Singapore January 2021

3) Published international paper titled as Automatic and Multi-dimensional Pipe Cleaning BOT for COVID-19 Situation Journal of Global Resources in February 2021.

4) Received a copyright registration for fabrication process flow for in053gao.47as double gate vertical nanowire transistor in department of promotion of industry and internal trade.



Dr. Sarika Bukkwar

1) Congratulations **Dr. Sarika Bukkwar** for getting minor research grant of INR **25,000** from the **Mumbai University** for the project on Fish farming.

2) Received a copyright registration for “Intelligent RFID System for Maintenance Management ” on 1st July 2020 . 3. Institution’s Innovation Council MHRD’s Innovation Cell, AICTE:Selected for Proof of Concept (second level) for project titled “AI based robotic trash boat” in Institution’s Innovation Council MHRD’s Innovation Cell, AICTE.

3) Completed PHD.



Prof. Rameshwari Mane

1) Worked as NPTEL translator for translating files of course Embedded System Design with Arm into Marathi, initiated by NPTEL as per MHRD, Govt. of India guidelines and Also received honorarium of RS 17,806/-.





Prof. Asha Durafe

- 1) "Creativity is intelligence having fun" Albert Einstein. On these lines awareness and guidance for all types of IPR amongst the younger generation is tried to be created through our book.

"Intellectual Property Rights".The book is authored by Ms.Asha Vijay Durafe (Assistant Professor Electronics Dept-Member IPR-Cell and Ms.Dhanashree K. Toradmalle(Associate Professor IT Department-Member IPR-Cell).

The editorial Team is students from SAKEC,Ms.Anushka Kashyap,Ms.Avani Ganatra,Ms.Ritika Desai,Ms.Hiral Nagda and Ms.Upasana Singh.

The kindle version of the book is now LIVE:

https://www.amazon.in/Intellectual-Property-Rights-Vijay-Durafe-ebook/dp/B08N4VRQ86/ref=sr_1_1?dchild=1&keywords=9789390395910&qid=1606109781&sr=8-1



Prof. Madhura Pednekar

- 1) Prof. Madhura Pednekar received a copyright registration for IOT based parcel drop box system on 31 May 2020 ,along with his students team member Rohan Kadam, Kavish Jain,Kiran Lokare, Krishnkant Shide.



Prof. Shubhangi Motewar

- 1) Got Silver Elite in NPTEL course examination on Introduction to Industry 4.0 and Industrial Internet of Things.

2) Paper Title "INDUSTRIAL IOT STACK DEVELOPMENT: PROFESSIONALISM REQUIREMENTS AND CONSTRAINTS" published in IJETEMR Journal, Volume 7, Issue 2, 2020.



Prof. Preethi Warriar

- 1) Preethi Warriar won 2nd Prize in Asian Literary Society's Gitesh-Biva Memorial Award 2020, for her story, A Blessing Too Soon. She has also won prizes for her literary works in Women's Web, Beyond Tge Box and Let'sMakeStories platforms.



Prof. Pooja Polshetwar

- 1) Completed star certification course in python and awarded as certified trainer for star.

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RESULT ANALYSIS

CLASS	TOPIC	DATE OF EXAM	APPEARED	PASS	FAIL	% PASS
SE	PYTHON	14/5/2021	20	16	4	80%

TOPPERS

NAME	CLASS	COURSE	PERCENTAGE
SATYAM JAGDALE	SE	PYTHON	80
KIRAN BERA	SE	PYTHON	80
RUTVIJ AMBODKAR	SE	PYTHON	79

RESULT ANALYSIS

EVEN SEMESTER RESULTS

SE SEM IV

SUBJECT	TOTAL APPEARED	TOTAL PASSED	% PASSED
Linear control systems	62	60	96.77
Digital System Design	62	60	96.77
Principles of Communication Engineering	62	60	96.77
Electronics Devices and Circuits	62	60	96.77
Microprocessor and Applications	62	60	96.77
Applied Mathematics IV	62	60	96.77

TE SEM VI

SUBJECT	TOTAL APPEREAD	TOTAL PASSED	% PASSED
Signals and Systems	80	80	100
Computer Organization and Architecture	70	70	100
Embedded System Design	80	80	100
Wireless Communication	10	10	100
VLSI Design	80	80	100
Computer Communication and Network	80	80	100

BE SEM VIII

SUBJECT	Total Appeared	Total Passed	% passed
Internet of Things	87	87	100.00
Analog VLSI Design	87	87	100.00
MEMS Technology	68	68	100.00
IPR and Patenting	53	53	100.00
Environmental Management	34	34	100.00
Digital Image Processing	13	13	100.00
Advanced Power Electronics	6	6	100.00
Project II	NA	NA	NA

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ODD SEMESTER RESULTS

SE SEM III

SUBJECT	TOTAL	TOTAL	%
	APPEARED	PASSED	PASSED
Applied Mathematics III	27	27	100
Electronic Devices and circuits I	27	27	100
Digital Logic Circuits	26	26	100
Electrical Network Analysis and Synthesis	26	26	100
Electronic Instrumentation and Measurement	27	27	100

TE SEM V

SUBJECT	TOTAL	TOTAL	%
	APPEARED	PASSED	PASSED
Microcontroller and Application	68	68	100
Design with Linear Integrated Circuits	68	68	100
Engineering Electromagnetics	68	68	100
Database Management System	68	68	100
Digital Communication	68	68	100

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SUBJECT	TOTAL APPEARED	TOTAL PASSED	% PASSED
Instrumentation System Design	101	101	100
Power Electronic	101	101	100
Management Information Systems	93	93	100
Digital Signal Processing	101	101	100
Neural Networks and Fuzzy Logic	18	18	100
Advanced Networking Technologies	69	69	100
IC TECHNOLOGY	18	18	100
OPERATION RESEARCH	8	8	100

BRANCH TOPPERS

BE

Sr.no.	Name	SEM 7	SEM 8	Average
1	Narvekar Tejaswi	8.12	9.83	8.975
2	Jha Kanchan	7.65	10	8.825
2	Sawant Shweta	7.65	10	8.825
3	Pawar Sonali	7.96	9.67	8.815
4	Patil Sara	7.58	10	8.79
5	Bhinde Raj	7.5	10	8.75
6	Kute Shushant	7.65	9.79	8.72
7	Desai Ritika	7.35	10	8.675
8	Kashyap Anushka	7.27	10	8.635
8	Desai Purva	7.27	10	8.635
9	Mulla Tosif	7.35	9.83	8.59
10	Varma Aditya	7.12	9.96	8.54

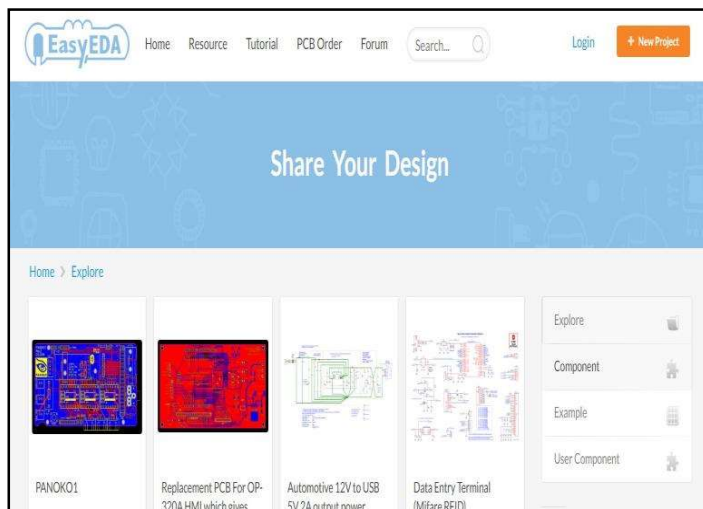
TE

Sr.no.	Name	SEM 6	SEM 5	Average
1	Jagtap Rahul	10	10	10
1	Goswami Ankit	10	10	10
2	Gangwal Ashwini	10	9.85	9.925
3	Kotnis Juilee	10	9.7	9.85
4	Buch Dhruvil	10	9.56	9.78
5	Shaikh Sara	10	9.41	9.705
6	Palekar Siddesh	9.84	9.48	9.66
7	Jiwani Aleesha	9.84	9.41	9.625
8	Bhanushali Hiren	9.84	9.26	9.55
8	Mishra Sunny	9.84	9.26	9.55
9	Patil Saurabh	9.96	8.89	9.425
10	Kanojia Sunny	10	8.81	9.405

SE

Sr.no.	Name	SEM 4	SEM 3	Average
1	Jeel Malde	10	9.85	9.925
1	Simaranjeet Kaur	10	9.85	9.925
2	Devadiga Priyanka	10	9.54	9.77
3	Shete Aditya	10	9.31	9.655
4	Chauhan Nikesh	10	9.23	9.615
5	Gupta Archana	10	9.08	9.54
6	Meshram Tanish	9.72	9.35	9.535
7	Gauda Pooja	10	8.77	9.385
8	Damania Forum	10	8.62	9.31
9	Naik Kalpesh	9.86	8.19	9.025
10	Srivastva Bhavini	9.31	8.73	9.02

USEFUL WEBSITES



EasyEDA:

Its a free online web based tool that allows you to create schematics, design PCBs and generate simulations of your desired circuit. You can share your designs on their online forum , as well as download designs made by other users for free. Also, due to this huge online community, the website is timely updated with newer schematics developed by various users.

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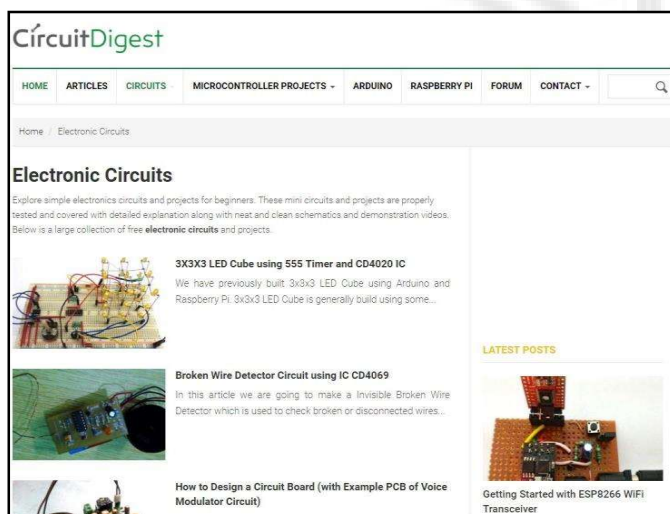
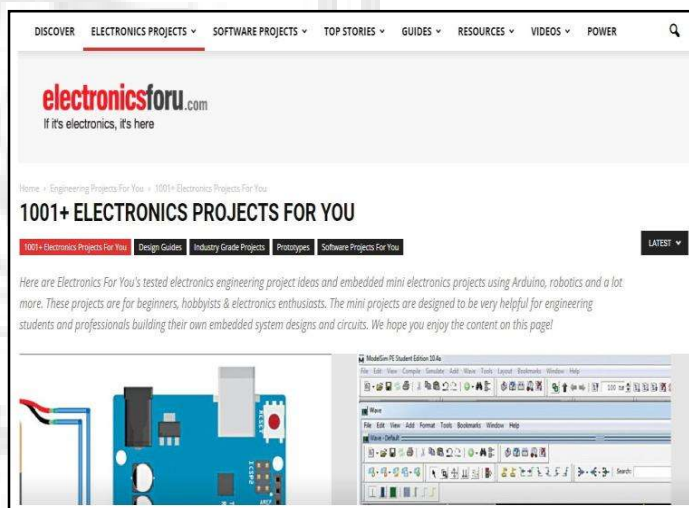
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