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Bommanahalli, Hosur Road, Bangalore - 560 068. Ph: 080-61754601/602, Fax: 080 - 25730551 E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Student Centric methods

Some of the Students Centric Methods used for effective teaching learning are:-

- Guest/Expert Lecture
- Hands on Session
- **Interactive Session**
- Workshop
- **Technical Talk**
- Brahmatatsatva
- **Soft skill Training**

PRINCIPAL The Oxford College of Engineering Bommanahalli, Hosur Road Benasluku-56¢ 068

विद्या नवंश शोभरा

THE OXFORD COLLEGE OF ENGINEERING

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DEPARTMENT OF CSE

SL NO	DISCRIPTION	РНОТО
1.	EXPERT LECTURE	Expert Lecture on "lot, Cloud Computing And Machine Learning" was conduted on 18/08/18 for 7th sem students of Dept of CSE by Dr.K.Selvaraj, Technical Architect, Accenture Digital Group LTD, Bangalore A session on "lot, Cloud Computing And Machine Learning" by Dr. K. Selvaraj Salarpuria Greenage Internal Rd, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:13 am
2.	HANDS ON SESSION	A hands on Session on "Java Programming Language" was conduted by the Department of CSE on 11/10/18 for 4th sem students by Mr. Thaneshwara, Corporate Trainer, ABC Software Solutions, Bangalore ELLITE anuary g Data orizon 1st to "IOT", ffice. Hands on Session on "Java Programming Language Salarpuria Greenage Internal Rd, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:13 am

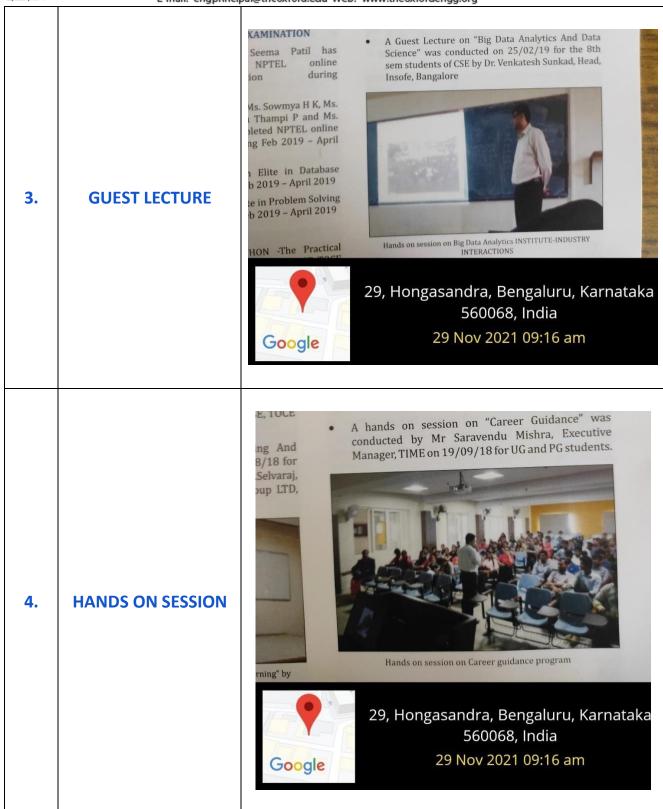


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5.	INTERACTIVE SEESION	An Interactive Session On "OOC and Java Programming Language" with real time examples was conducted by Mr. Thaneshwara on 28/02/19 for 4th sem students of CSE. A hands on Session on OOC and Java programming 29, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:16 am
6.	HANDS ON SESSION	A hands on Session on OOC and java programming • A hands on session on "Machine Learning and Data Science" was conducted by Dr. K. Selvaraj and Mr. Rajayel on 23/02/19 for 8th sem students of CSE. Hands on Session on Machine Learning and Data science 29, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:16 am



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DEPARTMENT OF ISE

SL NO	DISCRIPTION	РНОТО
1.	GUEST LECTURE	Mr.Sathish Reddy, senior software Engineer, Palle Technologies, Bangalore has shared his view on "Mobile Application Development" Ms.Kavya, Final year M.Sc, The Oxford Nursing college, Bangalore has conducted Cancer awareness programme for students. Mr. Sathish Reddy Delivering Lecture on Mobile App. Development 40, NH 44, Microlayout, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:24 am
2.	WORKSHOP	Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Python and Machine Learning" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Senior Manager, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Palle Technologies, Banglore conducted two days workshop on "Object Oriented Concepts" Mr. Sathish Reddy, Palle Technologies, Banglore Concepts on "Object Oriented Concepts" Mr. Sathish Reddy, Palle Technolog



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DEPARTMENT OF ECE

SL NO	DISCRIPTION	РНОТО
1.	GUEST LECTURE	Guest Lecture by Dr. Gopal Hegde, Prof. IISc. Salarpuria Greenage, Bommanahalli, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:30 am
2.	TECHNICAL TALK	Satellite session of 4th International conference on Recent trends in Computer science and Electronics Dr. Rakesh Barya addressing the gathering Salarpuria Greenage, Bommanahalli, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:30 am



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DEPARTMENT OF EEE

SL NO	DISCRIPTION	РНОТО
1.	GUEST LECTURE	NCSEM-2K19– Paper Presentation Sessions Lecture on Recent Trends in Industrial Tools and Automation by Mr. Uday Bhargav Lecture on Industrial Automation and Robotics by Mr. Parasuram WJ2H+3PP, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 09:34 am



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DEPARTMENT OF ME

SL NO	DISCRIPTION	РНОТО
1.	TECHNICAL TALK	A technical seminar on "Global Awareness in Higher Education" was conducted by VANI INSTITUTE on 21st of February, 2019 for Eighth semester students. A technical seminar on "Industrial Automation and Robotics" was conducted by AGIIT on 13th February, 2019 for Sixth semester students. The program was co ordinated by Prof. Raviprakash M Technical Talk On Global Awareness in Higher Education 21-92-2019 Technical Talk On Industrial Automation and Robotics on 13-2-2019 228, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 10:46 am
2.	WORKSHOP	WORKSHOP ACTIVITY • A one day workshop was conducted for all the faculties regarding the usage of HYPERMESH to solve complicated meshing problems with minimum processing time • An idea about the advantages of using the HYPERMESH software over ANSYS Meshing which is currently being used for analysis. The program was co ordinated by Prof. Violayadhar Pipiar Coa Rep. Webshop on Hypermash Program was to ordinated by Prof. Violayadhar Pipiar Phila Information Confected for 245-2317 228, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 10:46 am



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DEPARTMENT OF BT

SL NO	DESCRIPTION	РНОТО
1.	BRAHMATATSATVA	The department of Biotechnology organized "BRAHMATATSATVA" on 28th February, 2019 to celebrate National Science Day. The gathering was addressed by Dr. Udayana Hegde from Karnataka Samskrit University. He enlightened the sand students, the importance of Sanskrit and the age old practices followed by our ancestors. Many of our student presented posters on "Contribution of Ancient India Towards Medicine".
		WJ2H+2R2, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 10:55 am

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DEPARTMENT OF CV/CTM

SL NO	DESCRIPTION	РНОТО
1.	GUEST LECTURE	A guest Lecture was organized on the topic of importance of higher education in Engineering or education curriculum in India. The chief Speakers were Dr. Karthikeyan, QEAC certified consultant, TimesPro, For final Year Students. AC AC Or. Karthikeyan Giving Lecture 7th Main 6th Cross, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 10:57 am
2.	SOFTSKILL TRAINING	A Soft skill Training Classes were held for All the students of Department for duration of one week. To ms The students attending Soft skill training classes. The Main 6th Cross, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 10:57 am



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DEPARTMENT OF AUTOMOBILE

SL NO	DESCRIPTION	РНОТО
1.	GUEST LECTURE	of dd dd
		23, AMR Tech Park Internal Rd, Hongasandra, Bengaluru, Karnataka 560068, India 29 Nov 2021 02:36 pm



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DEPARTMENT OF MECHATRONICS

SL NO	DESCRIPTION	РНОТО
1.	WORKSHOP	A two days' workshop on "HANDS ON TRAINING ON LAB-VIEW AND REMOTE ENGINEERING APPLICATIONS" has been organized by Cymbeline Private Limited at TOCE from 24th and 25th September 2018, the aim of the workshop was to provide knowledge for students in the field of Lab-View and Remote Engineering. Inauguration of workshop of HANDS ON TRAINING ON LAB-VIEW AND REMOTE ENGINEERING APPLICATIONS from Principal innovation Pvt.Lid
		26/1, next to The Oxford, Junction, Bengaluru, Karnataka 560068, India 29 Nov 2021 02:38 pm
2.	WORKSHOP	Workshops/conferences attended by staff members: Assistant professor, Mr. Chethan S along with students of fifth semester attended two days hands on training workshop on ANDROID CONTROLLED PICK AND PLACE ROBOT USING AVR CONTROLLER, held at MIT campus, Anna University, Chennai on 6th and 7th October -2018. 26/1, next to The Oxford, Junction, Bengaluru, Karnataka 560068, India 29 Nov 2021 02:38 pm



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DEPARTMENT OF MCA / MBA

SL NO	DESCRIPTION	РНОТО
1.	WORKSHOP	Workshop conducted on 24th September 2018 Rapid Mobile App Development with Android
		1st Floor, AMR Tech Park I Annexe, Nos. 23 & 24, Hongasandra, Hosur Road, Hongasandra, Bengaluru, Karnataka 29 Nov 2021 02:41 pm



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DEPARTMENT OF PHYSICS/MATHS/CHEMISTRY

SL NO	DISCRIPTION	РНОТО
1.	GUEST LECTURE	1st Floor, AMR Tech Park I Annexe, Nos. 23 & 24, Hongasandra, Hosur Road, Hongasandra, Bengaluru, Karnataka 29 Nov 2021 02:45 pm

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2016-17

SL. No.	Activities conducted	BRANCH	CERTIFICATES/PROOFS(PHOTOS)	Links
1.	Project work approved by KSCST/VGST/ICMR	AU	NIL	
2.	Seminar presentation/certificates	CSE	THE OXFORD COLLEGE OF ENGINEERING Hour Road, Bonnunnahalli, Bangalore - \$60068 (Affiliated To Vicerourity) Technological Concernity, Belgami) Department of Computer Nichee and Engineering CERTIFICATE Certified that the Seminar contails "HIGH DYNAMIC BANGE ANALYSIS IN ULTRA HIGH DEFINITION IN USING COLOR GAMET MAPPING" counce out by KAVITHA LHONDENSHIP, bounder stakes of The Oxford College at Empowering, Bangalore is natural Visitings of the source of Rachelor of Engineering in Computer Science and Engineering of Vivernamys Technological University, Belgamin during the sour Side-17 Thomas control that all corticions, suggestions indicated for increas. Assessment states you recomposed on the report deposition in the Adoptional Heavy. The common report has been approved in a manufact to the sensity work. Light Mallathe R Amented Powerson. Dept of CNE	

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3.	Project list	ME	THE ONFORD COLLEGE OF ENGINEERING Learning to Veye an assessment of the College
4.	Industrial visit	CV	SRB SREE.SI
5.	Skill training	МВА	To Task History and the second secon



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6.	Project work in news paper	ECE	IEEE PROJECT EXPO-'19 ENDS ON A HIGH NOTE The national-level project competition featured 230 student teams - Express Feature The project Region of the fourth is a feature of the fourth of the fo
7.	Journal publication	ECE	Indian Journal of Science and Technology, Vol 10/29, DOE: 10.17485/jst/2017/e1029/117384, August 2017 Performance Analysis of Reversible ALU in QCA Rajinder Tiwarii*, Deepika Bastawade*, Preeta Sharan² and Anil Kumar¹ 'Department of ECE, ASET, Amilty University, Lucknow — 226028, Uttar Pradesh, India; rivariigamityedu, akumara@lko.amityedu 'Department of ECE, The Oxford College of Engineering, Bengaluru — 560068, Karnataka, India; Deepikabastawade14@gmall.com, sharanpreeta@gmall.com Abstract Quantum spot Cell Automata (QCA) based reversible method of reasoning is the foundations of creating nanotechnological figuring structures. It ensures enormously low power usage with high thickness and working repeat. Programmable reversible method of reasoning is saceding as an approaching basis arrangement style for execution in present day nanotechnology and quantum preparing with unimportant impact on circuit warm period. Late advances in reversible method of reasoning using and quantum Pc (figuring mull over improved Pc building and math basis unit designs. This work focuses on plan of a powerful reversible AUI (Parliment Logic Unit) and its affirmation in QCA. We have considered existing 3 x 3M+R Gate as the essential building block, a 4*4 reversible method of reasoning entryways (M+R Gate with immaterial delay and orthestrated to convey a grouping of genuine relies on settled yield lines in presented of programmable select data lines. We similarly display QCA utilization of M+R passage with slightest cell check. The proposed ALU requires only 6 entry ways, which is more locale capable than the present work. It is repeated using QCA Designer.
8.	Models for teaching	MT	Velocity and Acceleration Various Methods to Determine Velocity and Acceleration Graphical Method Relative Velocity and Acceleration Method Instantaneous Centre Method Klein's Construction Method Analytical Method Complex Algebra Method Vector Algebra Method Analytical Solution for IC Engine Mechanism



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9.	Workshop	ISE	
10.	Peer teaching, peer learning	ВТ	 NPTEL Lectures, E Journals (Taylor & Francis E-Journals Directory of Open Access Journals Springer E-Journals
11.	Curiosity based learning, model usage, experienced learning	ВТ	

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Learning with models, team work, hands on practice

12.

EEE



Hands on Training on MSP 430



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2017-18

SL. No.	Activities conducted	BRANCH	CERTIFICATES/PROOFS(PHOTOS)
1.	Seminar presentation/certificates	CSE	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING THE OXFORD COLLEGE OF ENGINEERING Hosur Road, Bommanahalli, Bangalore-560068 Hosur Road, Bommanahalli, Bangalore-560068 (Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi) 2017-2018 CERTIFICATE Certified that the seminar entitled "AUTOMATION AND ROBOTICS IN SPACE EXPLORATION" given out by Karuna Kiran Bhadra (10X14CS039), bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Vivevaraya Technological University, Belgaum during the year 2017-2018. Thus, is certified that all corrections suggestions indicated for Internal Assesment have been incorporated in the report deposited in the department library. The seminar report has been approved as it satisfies the academic requirements in respect to the seminar work prescribed for the said degree. Ms. Seema Patil Assistant Professor Department of CSE Dr. R. Janandhi Vice-Principal and HOD Department of CSE
2.	Project list	ME	THE OXFORD COLLEGE OF ENGINEERING BEMANAMANALLY HOUR BOAR, MARKACHT—MODES (Affiliated to YTU & approved by ACTE) DEPARTMENT OF MECHANICAL DIGINEERING CENTIFICATE This to certify that the Project work existed TO STUDY MECHANICAL PROPERTIES OF ALUMINIUM ALIOYS INENFORCED WITH SULCON CARBIDE & FLY ASH A HYBRID MATAL MATRIX COMMODISTS*CORNED and SHAMLAND IDOXIMANIES IN MANAMANIES MANAMANITY IDOXIMANIES IN DIGINAL PLOTAGE INCOMPANIES OF ALUMINIUM LICHARD MACHANICAL SHAMLAND IDOXIMANIES IN MANAMANIES M



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3.	Industrial visit	CV	
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4.	Journal publication	ECE	Pertanika J. Sci. & Technol. 26 (3): 1481 - 1488 (2018) SCIENCE & TECHNOLOGY Journal homepage: http://www.pertanika.upm.edu.my/ Photonic Crystal Based Micro Mechanical Sensor in SOI Platform Indira Bahaddur¹*, Preetha Sharan² and P. C. Srikanth¹ ¹Department of ECE, Malnad College of Engineering, Hassan, India *ECE, Oxford College of Engineering, Bangalore, India ABSTRACT Two-dimensional photonic crystals with nano-rod configuration integrated in a silicon-on insulator are analysed in this study. A photonic crystal waveguide suspended over a silicon substrate then weight can be applied on that substrate to change the displacement of substance and to measure sensitivity for pressure in terms of micro units. The overall objective of this work is to detect displacement, which indicates the force applied on the slab with photonic crystals that have line defects. Stress and displacement of the slab reveal the pressure applied. Stress is calculated by the power distribution/excitation in the slab. The displacement of the slab is due to the force, while pressure is determined by the photonic crystal sensor. The quality and sensitivity of the sensor are 1496 and 1200 RIU, respectively. The transmission spectrum is 0.1 micron to 0.5 microns shift, respectively, which are found to be distinct.
5.	Models for teaching	MT	Types of Instantaneous Centre • Fixed Instantaneous Centre • Permanent Instantaneous Centre • Neither Fixed Nor Permanent Instantaneous Centre $N = \frac{n(n-1)}{2} N=6$

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6.	Case study	МВА	
7.	Workshop	ISE	
8.	Peer teaching, peer learning	ВТ	 NPTEL Lectures, E Journals (Taylor & Francis E-Journals Directory of Open Access Journals Springer E-Journals



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9.	Curiosity based learning, model usage, experienced learning	ВТ	
10.	Learning with models, team work, hands on practice	EEE	PLC & SCADA - Hands on Practice & Team work



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2018-19

SL. No.	Activities conducted	BRANCH	CERTIFICATES/PROOFS(PHOTOS)
1.	Seminar presentation/certificates	CSE	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING THE OXFORD COLLEGE OF ENGINEERING Hour Road, Bommanabalii, Bangalore-\$50068 (Approved by AICTE, New Dobb, Accredited by NBA, NAAC, New Dobb & Affiliated to VIU, Belagavi) CERTIFICATE This is to certify that the seminar entitled "MRC: A High Density Encoding Method for Practical DNA-based Storage" carried out by Nagarjun M (IOXI5CS059) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfillment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2018-19. This is certified that all correction/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The seminar report has been approved as it satisfies the academic requirements in respect to the seminarwork. Dr. E. Saravaha Kumar H.O.D.Dept of CSE



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2.	Project list	ME	THE OXFORD COLLEGE OF ENGINEERING Hour Road, Bommanahalli, Bangalore-Scions (Affiliated to YTU and approved by AICTE) Department of Mechanical Engineering CERTIFICATE This is to certify that the Project work cuttled "Voice Controlled Chair Using Theo Janean Mechanism." Is an authentic record of the project work carried out by S. S. Shava Gura Moorthy (IOXISME867) S. Rahul Athreya (IOXISME868) Sanjay.R (IOXISME876) Shiva Nandan.N (IOXISME868) is a shared of Bachelor of engineering in Mechanical Engineering from Viverwaraya Technological University, Belgaum during the year 2018-2019. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree. Signature of Guide Prof. Mathus Sedana Reddy (7)(2) Br. Mahanira N Donogradi and Dr. R. R. Paraceast Gonda Segnature of Guide Examiners: 1) Recorded to the Segnature of Principal Signature of Guide Examiners: 1) Recorded to the Segnature of Principal Signature of Guide Examiners: 1) Recorded to the Segnature of Principal Signature of Guide Examiners: 1) Recorded to the Segnature of Principal Signature of Guide Signature of Guide Examiners: 1) Recorded to the Segnature of Principal Signature of Guide Control of Segnature of Guide Signature of Principal Signature of Principal Signature of Guide Signature of Principal Signature of Principal Signature of
3.	Industrial visit	CV	



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4.	Journal publication	ECE	Evolution of Wireless Communication along with Encoders Reshoul R, Manja Deel Abstract: Now a days traineding freezingly leave the consumers in the deed, which require a communication along with Encoders Abstract: Now a days traineding freezingly leave the consumers in the deed, which require a communication part and for the consumers in this deed, which require a communication part and for the configuration of the configu
5.	Models for teaching	MT	What is stress concentration The existence of irregularities or discontinuities, such as holes, grooves, or notches, in a part increase the magnitude of stresses significantly in the immediate vicinity of the discontinuity. Fatigue failure mostly originates from such places. stress concentration factor need not be used with ductile materials when they are subjected to only static loads, because (local) yielding will relieve the stress concentration. $k_f = \frac{\text{Fatigue strength (limit) of unnotched specimen}}{\text{Fatigue strength (limit) of notched free specimen}}$



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6.	Case study	МВА	
7.	Internship	CSE	This is to certify that Ms Rakha M student of The Oxford College Of Engineering with USN 10X15/SS07 has successfully completed her Andrelaid intenship program on Basking Application from Real Time Signals Technologists Pt. Lal Her intenship tenure was from January-7-2019 to February-7-2019 under the guidance of Ms Manisha. We have found her to be a self starter who is motivated, dury bound and Hard-working. She worked sincerely on her assignments and her performance was Par Excellence. We wish her all the best for her future endeavours.

्राह्म निवास अभिता

CHILDREN'S EDUCATION SOCIETY (Regd.) THE OXFORD COLLEGE OF ENGINEERING

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8.	Workshop	ISE	
9.	Peer teaching, peer learning	ВТ	 NPTEL Lectures, E Journals (Taylor & Francis E-Journals Directory of Open Access Journals Springer E-Journals
10.	Curiosity based learning, model usage, experienced learning	ВТ	REDMINOTE 7 BRD AI DUAL CAMERA



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	2 1174111	angpiniepaic in	contracted tree. Ithirticontractinggiorg
11.	Learning with models, team work, hands on practice	EEE	Learning with Models, Team Work & Hands on Practice on Robotics



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2019-20

SL. No.	Activities conducted	BRANCH	CERTIFICATES/PROOFS(PHOTOS)
1.	Project work approved by KSCST/VGST/ICMR	AU	Karrataka Science and Technology Promotion Society Oppl. of Information Technology, the Technology are formed a Substitution of State of Prices: Technology, the Technology are formed a Substitution of State of Prices: 1980-2671156, E-mail Subspaces of State of St
2.	Seminar presentation/certificates	CSE	DEPARTMENTOF COMPUTER SCIENCE AND ENGINEERING THE OXFORD COLLEGE OF ENGINEERING Hosur Road, Bommanhalli, Bangalore-560068 (Aspewed by AECTE, New Debt, Accrediced by NIA, NAAC, New Debt, A Affiliated to VTL, Belagari) CERTIFICATE This is to certify that the seminar entitled "Feature Evaluation of Emerging E- Learning Systems Using Machine Learning: An Extensive Survey" carried out by Kiran S (IOXIGCS035) bonafide student of The Oxford College of Edgineering, Bangalore in partial fulfillment for the award of the Degree of Backelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2019-2020. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The seminar report has been approved as it satisfies the academic requirements in respect to the seminar work. Prof.Sowmya HK Assistant Professor Dr.R.Ch. A Naidu H.O.D, Dept. of CSE



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3.	Project list	ME	THE OXFORD COLLEGE OF ENGINEERING Hosur Road, Bommanshall, Bangalore 560068 (Affiliated to VTU and approved by AICTE) Department of Mechanical Engineering CERTIFICATE This is to certify that the Project work entitled "Design and fabrication of mobile robotic arm using mecanum wheek." Is an authentic record of the project work carried out by Abdul Majeed Sushall (USN: 10XI-ME401), Gururaj G (USN: 10XI-6ME007), Sahana (USN: 10XI-ME418), Sanjaya M (USN: 10XI-ME419) in partial fulfillment for the award of Bachelor of engineering in Mechanical Engineering from Visvesvaraya Technological University, Belgamu during the year 2019-2020. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department brany. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree. Signature of Guide Signature of HOD Signature of Principal Mr. Vinay V Dr. Madhu Sudana Reddy G Dr. Aravind S Examiners: Signature with date 1) 2) Dept. of Mechanical Engineering, TOCE
4.	Industrial visit	CV	SITE



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5.	Skill training	МВА	Presentation of Finance trainer to their stream of students
6.	Models for teaching	MT	Finite Element method The CAD model is subdivided into many small pieces of simple shapes called elements. FEA program writes the equations governing the behavior of each element taking into consideration its connectivity to other elements. These equations relate the unknowns, for example displacements in stress analysis, to known material properties, restraints and loads. The program assembles the equations into a large set of simultaneous algebraic equations (thousands or even millions). These equations are then solved by the program to obtain the stress distribution for the entire model.



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AVYUKTI TECH PRIVATE LIMITED No - 13, RMV, 7th Cross, Nagashettihalli, Bangalore, Karnataka, India INTERNSHIP CERTIFICATE Name (student): M SHALINI has accomplished an internship from: 12th July 2019 to 30th August 2019 with Grade; A according to the regulations for internships at AVYUKTi Tech Pvt. Ltd Bangalore. Contents of the Internship: Website Design & Development (HTML, CSS Technologies) 7. Internship CSE Live Webinar Hosting (HTTP protocol, MPEG-4 AVC video formats) Date: 3rd Sept - 2011 Sign of the locality of internship pr AVYUKTI TECH PVT. LTD. No.13, Rajamahal vilas, 7th Cross, RMV 2nd Stage, Nagashettihalli, Bangalore - 560 094.

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8. Workshop ISE 1. NPTEL Lectures, 2. E Journals (Taylor & Francis E-Journals 3. Directory of Open Access Journals Springer E-Journals 4. Indian Academy of Sciences (IAS) IEEE-IEL Public Library of Science (PLoS) Peer teaching, peer learning Elsevier/Science Direct 9. ВТ 6. Indian National Science Academy ASCE 7. Slide Share PPT https://classroom.google.com/c/MTU5NzEwMjk2O DI5 https://www.slideshare.net/salmakausar/edit_my_upl oads Curiosity based learning, model usage, experienced learning 10. ВТ



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EEE

Learning with models, team work, hands on practice

11.



Team Work



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2020-21

SL. No.	Activities conducted	BRANCH	CERTIFICATES/PROOFS(PHOTOS)
1.	Project work approved by KSCST/VGST/ICMR	AU	Karnataka State Council for Science and Technology Indian institute of Science Campus, Bengaluru, 500 012 **Tesparse 00:338405, 200402 particularly Science and Technology Indian institute of Science Campus, Bengaluru, 500 012 **Tesparse 00:338405, 200402 particularly Science and Science 200403 **Tesparse 00:338405, 200402 particularly Science 200403 particularly Science 200403 **Tesparse 00:338405, 200402 particularly Science 200403 particula
2.	Seminar presentation/certificates	CSE	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING THE OXFORD COLLEGE OF ENGINEERING Hosur Road, Bommanahalli, Bangalore-560068 (Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belagavi) CERTIFICATE Certified that the seminar entitled "Child Safety Wearable Device " carried out by SAGARIKA-PRASAD-SENIJ(10X16CS073) bonafide student of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering, Bangalore in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-2021. This is certified that all correction / suggestions indicated for internal assessment have been incorporated in the report deposited in the department bibrary. The seminar report has been approved as it satisfies the academic requirements in respect seminar work. Prof. Ms Lakshmi Suresh Assistant professor, Department of CSE Prof. Ms Lakshmi Suresh Assistant professor, Department of CSE Prof. Ms Lakshmi Suresh Assistant professor, Department of CSE Prof. Ms Lakshmi Suresh Assistant professor, Department of CSE Prof. Ms Lakshmi Suresh Assistant professor, Department of CSE Prof. Ms Lakshmi Suresh Assistant professor, Department of CSE



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3.	Project list		ME		DIS ONTORIO COLLEGE OF EMANYESING BONNANAMALLI BINNA BORA BORA BUNCALUBA-SIMME (1000 BUNCALUBA SIMME
4.	Industrial visit		CV		



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Design and implementation of MOEMS based optical diaphragm using Photonic Crystal for the prevention of barotrauma 5. Journal publication **ECE** Methods of Reducing Stress Concentration Factor 6. Models for teaching MT



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7.	Internship	CSE	Suven Consultants & Technology Pvt. Ltd. Official member to MackerRank Shine Macker Rank Shine M
8.	Workshop	ISE	Stem cells pros and cons By: Vicheas Karyyas DEMENTIA
9.	Peer teaching, peer learning	ВТ	2. NPTEL Lectures, 2. E Journals (Taylor & Francis E-Journals 3. Directory of Open Access Journals Springer E-Journals 4. Indian Academy of Sciences (IAS) IEEE-IEL 5. Public Library of Science (PLoS) Elsevier/Science Direct 6. Indian National Science Academy ASCE 7. Slide Share PPT https://classroom.google.com/c/MTU5NzEwMjk2O DI5 https://www.slideshare.net/salmakausar/edit_my_upl oads



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17.	Curiosity based learning, model usage, experienced learning .	ВТ	Bengaluu, karnataka, India Thi Oriest Catago of Engages
18.	Learning with models, team work, hands on practice	EEE	Team Work - Working on C2000 Launch pad Kits & MSP 430 kits
19.	Extra hours in time table	ISE	NIL