



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 6.3.2



FDP Organized by the Institution

(AY 2022-23)

1) FDP on AI/ML (10/05/2023-14/05/2023)

FACULTY DEVELOPMENT PROGRAM ON AI/ML

May 10th to 14th



VIMAL JYOTHI ENGINEERING
COLLEGE, CHEMPERI

About

Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating a fervor for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology.

With profound insight into the resource requirements of the higher education system, VJEC has proudly set up world-class infrastructure complemented with intellectual capital in the form of competent faculty. Many of the facilities are way beyond the regulatory requirements aiming for learning beyond the syllabus to address the requirements of the industry. These material facilities along with value addition programs and student support systems are the integral facets of empowerment at VJEC.

Digital library, industry supported project labs, language lab, and student chapters of professional bodies such as IEEE, ISOI, IETE, SAE, CSI offer an extensive range of resources, opportunities and services to the outcome based teaching learning process. Effective implementation of quality control processes ensure Engineering graduates with the expected level of knowledge, skill and attitude.

Vision

To bloom into a Center of Excellence for Technical Education and a pace-setter in rural India with its quality processes and procedures, interwoven with freedom of flexibility, moulding professionals of superior quality, dedicated to the progress and development of Humanity.

Mission

To prepare the students to see beyond geographical limit and belong to a new age of acquisition and application of technology to meet the challenges of the changing world. Inspired and guided by gospel values, we contribute to the socioeconomic welfare of the country with due concern to the marginalized.





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NAAC Cycle 2

Criterion: 6.3.2

Department of Computer Science and Engineering

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Vision

To contribute to the society through excellence in scientific and knowledge-based education utilizing the potential of computer science and engineering with a deep passion for wisdom, culture and values.

Mission

To promote all-round growth of an individual by creating futuristic environment that fosters critical thinking, dynamism and innovation to transform them into globally competitive professionals.

To undertake collaborative projects which offer opportunities for long-term interaction with academia and industry.

To develop human potential to its fullest extent so that intellectually capable and optimistic leaders can emerge in a range of professions.





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NAAC Cycle 2

Criterion: 6.3.2

Curriculum

Duration: 5Days

1. Industry tools, technologies & platforms

- Git, Python, VSCode
- Anaconda, Jupyter Lab
- PyTorch, TensorFlow, Scikit-Learn, Keras, ONNX
- Containerization with Docker & Kubernetes
- GPU
- Cloud Computing
- System set-up and Resources for Workshop.

2. Machine Learning - Regression

- Parametric methods
- Non-parametric method
- Data processing techniques
- Dimensionality Reduction
- Bias Variance Trade-offs
- Regularization
- Cost Function
- Optimization Techniques
- Model evaluation
- Linear Regression – Implement from scratch using NumPy
- Interpretability
- Non-Linear Models for Regression

3. Machine Learning - Classification

- Data processing techniques
- Logistic Regression
- Naive Bayes
- Decision Tree,
- Bagging - Random Forest
- Boosting
- Stacking
- Support Vector Machines
- Cost Function & Optimization Techniques
- Model Evaluation
- Model Selection
- Hands-on Lab - Implement Logistic Regression and Naive
- Bayes from Scratch (without using any frameworks)
- Hands-on Lab - Build, Evaluate and Select Models using ML Frameworks

4. Machine Learning - Clustering

- Hierarchical Clustering
- Density Based Clustering
- Centroid Based Clustering: K-Means
- Advantages and Disadvantages
- Distance Measures
- Cost Function
- Model Evaluation
- Techniques for choosing K
- Hands-on Lab – Implement K-Means, K-Means++

5. Artificial Neural Networks

- Multilevel Perceptron
- Activation Functions
- Batch Normalization
- Regularization
- Cost Function
- Back propagation
- Optimization Techniques
- Hyperparameter tuning

Curriculum

6. Deep Learning

- Convolutional Neural Networks
- Recurrent Neural Networks
- LSTM
- GRU
- Applications - NLP, Computer Vision, Speech
- Unstructured Data Processing
- Word Embeddings - Word2Vec, Glove
- CBOW, Skip-gram
- Transfer Learning
- Encoder-decoder models
- Hands-on Lab: Build a Text classifier using
- Traditional ML Model
- Hands-on Lab: Build a Text Classifier using Deep Learning

7. Advanced ML/DL | Industry Trends Project & Research Areas

- Large Language Models (LLMs)
- Multilingual LLMs
- GPT-3, GPT-3.5, GPT-4, ChatGPT
- OpenAI, Hugging Face
- Reusing pre-trained LLMs
- Fine-tuning LLMs - Transfer Learning
- Application Areas
- Project/Research Ideas
- Authoring Research Papers | Conferences | Journals





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NAAC Cycle 2

Criterion: 6.3.2

RESOURCE PERSON



BINIL KURIACHAN
SR. APPLIED SCIENTIST
MICROSOFT

Binil Kuriachan is a Sr. Applied Scientist at Microsoft (R&D) working on Cybersecurity Research with more than 10 years of industrial experience specialising in AI/ML. He has done his master's in computer science from Arizona State University, USA and pursued research in information systems from IITM. Binil has handled multiple AI projects comprising of natural language processing, information retrieval, personalization, supply chain, geospatial modelling, cybersecurity etc. in his industrial career. He is an expert in designing and building scalable machine learning and deep learning pipelines. Binil has 7 research papers and 20+ certifications in Machine Learning, Deep Learning, Data Structures, Algorithms etc. to his credit.

REGISTER NOW!

REGISTRATION FEE - 2000/-

Ac. No: 11160100077683

IFSC Code: FDRL0001116

Bank: Federal Bank LTD, Chempери

Applicants can fill the registration form through the below link.

<https://docs.google.com/forms/d/1E8gIRfJc-dkbsEd6LY8B6PKYVK0XinL9Eb99Wp-gSTg/edit>

Co-ordinators

Ms. Neena V V
Associate Professor
Dept. of CSE

Mr. Abhiram P
Assistant Professor
Dept. of CSE

Ms. Rahna C M
Assistant Professor
Dept. of CSE

Convenor

Ms. Divya B
HOD
Dept. of CSE





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NAAC Cycle 2

Criterion: 6.3.2

List of Participants

SI No	Participants
1	NAYANA SURESH
2	Sreeraji Narayanan
3	Abhiram P
4	Dr. S. Vadhana Kumari
5	Ancy K Sunny
6	Sreedaya M
7	Anu Treesa George
8	Neena V V
9	Divya B
10	Lijisha T
11	Akhil KK
12	Ujwala Vijayan
13	Abdul Latheef
14	Dr. Jeethu V. Devasia
15	Vidhya s s
16	RIJIN I K
17	Anit Thomas M
18	Ashila K A
19	Namitha P
20	Sreelakshmi M
21	Sisna P
22	Manju M





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NAAC Cycle 2

Criterion: 6.3.2

23	Thripathi P Balakrishnan
24	Rahna C M
25	Dr Reema Mathew A
26	Suhada c
27	Najira Salam
28	Diya Rameshan
29	Tintu Devasia
30	Liji Merlin Kurian
31	JIJINA MT
32	Dr. Manoj V. Thomas

Expenditure

Resource Person = 53,000

Transportation = 2000

Tea, Snacks = 1000





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NAAC Cycle 2

Criterion: 6.3.2

2) Workshop on Advancing Modern Teaching and Learning Methodologies



VIMAL JYOTHI ENGINEERING COLLEGE

EMPOWERED: A ONE DAY WORKSHOP ON ADVANCING MODERN TEACHING AND LEARNING METHODOLOGIES



ON MARCH 25, 2023 FOR VJEC FACULTY
TIME: 10 AM ONWARDS | VENUE: BOARD ROOM



SESSION ON: USING ADOBE EXPRESS TO CREATE
ENGAGING LEARNING MATERIALS

by **MR. SHAMINMUTH K K**

Program Organized by IQAC





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Criterion: 6.3.2

List of Participants

SI No	Participants
1	Lijisha T
2	Ashila K A
3	Subhalakshmi V
4	Leena P V
5	Liji Merlin Kurian
6	Sudharshana Vijayan
7	Midhun Mukundan M K
8	Arunlal M P
9	Dilin Dinesh
10	Shaji George
11	Sreekanth M P
12	Anil Johney

Expenditure

Resource Person = 11,500

Tea, Snacks = 500





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NAAC Cycle 2

Criterion: 6.3.2

3) FDP on OBE Philosophy & Practice

<p>ORGANIZING COMMITTEE</p> <p>Chief Patron Archbishop Mar Joseph Pamplany, Arch Bishop Archdiocese of Tellicherry</p> <p>Patron Rev. Fr. ANTONY MUTHUKUNNEL, PROTO SYNCELLUS, Chairman VJEC</p> <p>Co Patrons Rev. Fr. James Chellamkottu, Manager, VJEC Rev. Fr. Lazar Varambath, Bursar, VJEC</p> <p>Convener Dr. Benny Joseph, Principal, VJEC</p> <p>COORDINATOR 1. Dr Roshini T V, Dean Academic Ph: 9496402767 2. Dr Jayesh George, IQAC coordinator Ph: 9746135446</p>	<p>ADVISORY COMMITTEE</p> <p>Dr. Sridharan P , Professor/ME Dr. Senthilkumar R, Professor/ME Ms. Neena V V , AP/CSE Ms. Anit Thomas, AP/ADS Dr. Vibhoosha M P , AP/CE Ms. Shamy A , AP/AEI Ms. Shimna P K , AP/ECE Ms. Mejo M Francis, AP/ME Mr Prabhin James, IEEE VT Society South Asia Representative</p> <p>Resource Persons</p> <ol style="list-style-type: none"> 1. Dr. Benny Joseph, Principal, VJEC 2. Ms. Laly James, Associate Professor and HoD, EEE Department 3. Ms. Divya B, Associate Professor and HoD , CSE Department 4. Mr. Shinu M M, Assistant Professor, AEI 5. Dr. Nageswara Gupta, Principal, Sri Venkateshwara College of Engineering, Bangalore 6. Dr. Venkatesh Babu D L, Consultant on OBE 	<p>VIMAL JYOTHI ENGINEERING COLLEGE</p> <p>INTERNAL QUALITY ASSURANCE CELL</p> <p>5 Days FDP on OBE philosophy and Practice</p> <p>DATE -5th, 6th, 7th, 8th and 9th, May 2023 TIME - 9.00am to 4.10pm</p>  <p>Vimal Jyothi Engineering College, Jyothi Nagar, Kannur District, Chempери, Kerala 670632</p>   <p>Venue: Varikhattu Hall, VJEC</p>
<p>Major Course Contents:</p> <ul style="list-style-type: none"> • Introduction to OBE • Defining / Refining Course Outcomes • Activity - Redefining Cos • Blooms Taxonomy • Hands-on Blooms Taxonomy • CO-PO Mapping • Assessment tools • Activity on Assessment tools • Curricular gaps, Course level gaps • Programme level gaps • Hands-on in preparing curricular gaps • CO Attainment • PO Attainment • Hands on session on attainment calculation • Gap filling activity 	<p>About the FDP:</p> <p>This Faculty Development Programme (FDP) addresses the need to enhance the knowledge about the latest Outcome-Based Education(OBE) and its implications in teaching, assessment and evaluation. The aim of this FDP is to nurture the philosophy of Outcome Based Education (OBE) and to build the capacity of the young Faculty Members and Heads of department so as to facilitate its institutionalization in the Teaching-Learning System and other Academic Processes of the Institution. Moreover, the objectives of FDP are as follows: Provide faculty members with the necessary knowledge and skills to design, implement, and assess curricula based on measurable learning outcomes. Understand the key concepts of OBE, such as backward design, learning outcomes, and assessment strategies. Provides faculty members with an opportunity to learn about the latest trends and best practices in OBE, as well as to collaborate and share ideas with their colleagues</p> <p>CERTIFICATION</p> <p>All participants will get certificate from the IQAC, VJEC.</p> <p>Who should Attend</p> <p>All Faculty members from all the departments of VJEC</p> <p>Registration Fees</p> <p>This workshop is fully sponsored by VJEC Management for IQAC VJEC. Hence this workshop is free for all participants.</p>	<p>Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating a fervour for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology. With profound insight into the resource requirements of the higher education system, VJEC has proudly set up world-class infrastructure complemented with intellectual capital in the form of competent faculty. Many of the facilities are way beyond the regulatory requirements aiming for learning beyond the syllabus to address the requirements of the industry. These material facilities along with value addition programs and student support systems are the integral facets of empowerment at VJEC. Digital library, industry supported project labs, language lab, and student chapters of professional bodies such as IEEE, ISO, IETE, SAE, CSI offer an extensive range of resources, opportunities and services to the outcome-based teaching learning process. Effective implementation of quality control processes ensures Engineering graduates with the expected level of knowledge, skill and attitude. Vimal Jyothi Engineering College is a NAAC and JBI accredited institution and six U.C. programs are accredited with NBA.</p> <p>VISION OF THE COLLEGE</p> <p>To bloom into a Center of Excellence for Technical Education and a pace-setter in rural India with its quality processes and procedures, interwoven with freedom of flexibility, moulding professionals of superior quality, dedicated to the progress and development of Humanity.</p> <p>MISSION OF THE COLLEGE</p> <p>To prepare the students to see beyond geographical limit and belong to a new age of acquisition and application of technology to meet the challenges of the changing world. Inspired and guided by gospel values, we contribute to the socioeconomic welfare of the country with due concern to the marginalized.</p>





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NAAC Cycle 2

Criterion: 6.3.2

List of Participants

SI No	Participants	SI No	Participants
1	Dr Manoj VThomas	63	Ms Najira Salam
2	Ms Reema A Mathew	64	Ms UjwalaVijayan
3	Ms Ancy K Sunny	65	Ms Lincy A V
4	Ms SwathiChandra MT	66	Ms Rahna C M
5	Ms Anit ThomasM	67	Ms Sisna P
6	Ms Thripthi PBalakrishnan	68	Ms Rajitha KV
7	Mr Akhil KK	69	Ms Suhada C
8	Ms Anu TreesaGeorge	70	Ms Jyothsna SMohan
9	Ms Jijina MT	71	Mr Abhiram P
10	Ms Namitha P	72	Ms SreelakshmiM
11	Dr G. Glan Devadhas	73	Ms Manju M
12	Ms Shanmya A	74	Ms Sreedaya M
13	Ms Reshma K V	75	Ms Dinsha P K
14	Mr Dhanoj Mohan	76	Ms Liji MerlinKurian
15	Mr Shinu M. M	77	Ms Lijisha T
16	Ms Jinsa Mathew	78	Ms Ashila K A
17	Mr George K V	79	Dr. S Vadhana Kumari
18	Mr VasudevanM	80	Dr D AntoSahaya Dhas
19	Mr Jomy Jose	81	Ms JerrinYomas
20	Mr Dominic NThomas	82	Mr Vinod JThomas
21	Mr Shijith Thomas	83	Dr Roshini T V





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NAAC Cycle 2

Criterion: 6.3.2

22	Ms VineethamolAbraham	84	Ms BinduSebastian
23	Ms Sithara Tom	85	Mr Manoj K. C
24	Ms Anju Sunny	86	Mr Adarsh KS
25	Ms Ance MariaThomas	87	Ms Shimna P K
26	Ms DivyaThomas	88	Ms Lekshmy S
27	Ms Leena P V	89	Mr Binil Kumark
28	MsSubhalakshmi V	90	Ms Grace JohnM
29	Mr Jobin K V	91	Dr JayeshGeorge M
30	Dr Biju Mathew	92	Ms AnushaChacko
31	Ms Sigi Thomas	93	Ms Ann Mathew
32	Dr BennyJoseph	94	Ms SudharsanaVijayan
33	Ms Anitha Babu	95	Laly James
34	Mr Saneesh K	96	Tintu George
35	Mr Logi N Bobby	97	Athira M Thomas
36	Mr Abhijath I P	98	Dr.Teena George
37	Ms Anuragi P	99	Prabin James
38	Dr Saathappan VRA	100	Tinu Francis
39	Ms MargaretAbraham	101	RIJOY G.N
40	Mr Ashwin Joy	102	Shelma George
41	Ms RinnetFrancis	103	Jyothi Joseph
42	Mr Rojin P	104	Dr.Justin Sunil Dhas
43	Ms Hridya P	105	Rojith K
44	Ms Anitta Jose	106	Dr.Senthilkumar R
45	Ms AthiraRajendran	107	Raju K Kuriakose





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NAAC Cycle 2

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46	Dr Vibhoosha MP	108	Ramprasidh A
47	Ms ResmithaRani Antony	109	Ryne P M
48	Ms Sinai Michel	110	Midhun Mukundan
49	Ms Aswathi K	111	Shaji George
50	Ms Shimna P	112	Mejo M. Francis
51	Ms ParvanenduK	113	Appu C. Kurian
52	Ms Divya B	114	Shaminmuth K.K
53	Dr Jeethu VDevasia	115	Dr.P.Sridharan
54	Ms Neena V V	116	Aji Augustine
55	Mr AbdulLatheef M. M.	117	Vysakh K.V
56	Ms Vidhya S S	118	Niyas K.M
57	Ms Divya K	119	Dilin Dinesh
58	Ms TintuDevasia	120	Dr.Christopher Ezhil Singhs
59	Ms NayanaSuresh	121	Sreekanth M.P
60	Ms SreerajiNarayanan	122	Arunlal M P
61	Mr Rijin IK	123	Jithin E V
62	Ms DiyaRameshan	124	Anoop K R

Expenditure

Resource Person = 45,000

Transportation = 3,000

Tea, Snacks = 2,000





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(2020-22021)

1) Frontiers of research in Thermal science



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One Week Faculty Development Programme/Workshop
On “Emerging Areas in Thermal Sciences”
27.08.2020 - 03.09.2020



Convenor
Dr.S.Christopher Ezhil Singh
Whatsapp No: 6374805245
christopher0420@vjec.ac.in
Coordinators
Dr.P.Sridharan, ME, VJEC
Mr.Mejo Francis, ME, VJEC
Mr.Appu C Kurian, ME, VJEC
Mr.Jerin Saji, ME, VJEC
Dr.Sreekanth, ME, VJEC
Mr.R.Gokulnath, ME, VJEC
Mr.K.M.Niyas, ME, VJEC



Registration Fees: The registration fee is Rs.100/- per participant. E-Certificate will be provided for all registered participants. Registration can be done through NEFT, Google pay etc. to this Beneficiary Name: Meshar Diocesan Educational trust account number: 11160200002888, IFSC Code: FDRL0001116, Bank Name: Federal Bank LTD, Chemperi, Kannur, Kerala. Resource Persons: Eminent faculties from IITs, NITs, Industries, and Research organizations. Registration link: <https://forms.gle/rY9EdHYFB2dVoVDD8> or Scan the QR Code for registration



Experts:

Prof. Dr.Ooi Kim Tiow, Chair,
School of Mech.&Aero. Engg.,
Singapore

Dr. Pramod Kuntikana
Assistant Professor
Mechanical Engineering
Indian Institute of Tech. Palakkad

Dr. K. Srinivasan
Prof., Dept. of Mech. Engg.,
Indian Institute of Tech. Madras
Chennai - 600036, India

Dr. Ramjee Repaka
Associate Professor,
Dept. of Mech. Engg.,
Indian Institute of Tech. Ropar

Dr. Jahar Sarkar
Dept. of Mechanical Engg.,
Indian Institute of Tech.,
(BHU), Varanasi, India

Dr. T. P. Ashok Babu
Prof. (HAG),
Former Head Mech. Dept.,
NITK, Surathkal.

Dr. A. Sathyabhama
Associate Professor,
Dept. of Mech. Engg.,
NITK Surathkal.

Dr. James
HOD, Mech. Engg.,
School of Engineering,
CUSAT.

Dr. Amaresh Dalal, Ph.D.
Professor
Dept. of Mechanical Engg.,
Indian Institute of Tech. Guwahati

List of Participants

SI No	Participants
1	V Sampath Kumar
2	Aji Augustine
3	Gokulnath R
4	Ryne P M
5	Sreekanth M P
6	P Sreedharan
7	Mejo M Fransis
8	Appu C Kurian
9	Jerrin Saji





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NAAC Cycle 2

Criterion: 6.3.2

10	Niyas K M
11	Cdr Raju K Kuriakose
12	S Christopher Ezhil Singh
13	Shaminmuth K K
14	Midhun Mukundan M K
15	Mr. Arunlal M P
16	Dilin Dinesh
17	Shaji George
18	Dr Biju Mathew
19	Ms Sigi Thomas
20	Dr BennyJoseph
21	Ms Anitha Babu
22	Mr Saneesh K
23	Mr Logi N Boby
24	Mr Abhijath I P
25	Ms Anuragi P
26	Dr Saathappan VRA
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28	Mr Ashwin Joy
29	Ms RinnetFrancis
30	Mr Rojin P
31	Ms Hridya P
32	Ms Anitta Jose
33	Dr D AntoSahaya Dhas





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Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 6.3.2

34	Ms JerrinYomas
35	Mr Vinod JThomas
36	Ms BinduSebastian
37	Mr Manoj K. C
38	Mr Adarsh KS
39	Mr Binil Kumark
40	Ms Grace JohnM
41	Ms AnushaChacko
42	Ms Ann Mathew
43	Dr G. Glan Devadhas
44	Ms Shanmya A
45	Ms Reshma K V
46	Mr Dhanoj Mohan
47	Mr Shinu M. M
48	Jinsa Mathew
49	Laly James
50	Tintu George
51	Dr.Teena George
52	Prabin James
53	Tinu Francis
54	Shelma George
55	Jyothi Joseph
56	Dr.Justin Sunil Dhas
57	Dr.Senthilkumar R





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NAAC Cycle 2

Criterion: 6.3.2

58	Mr George K V
59	Mr VasudevanM
60	Mr Jomy Jose
61	Mr Dominic NThomas
62	Mr Shijith Thomas
63	Ms Vineethamol Abraham
64	Shaji M A

Expenditure

Resource Person = 22,000

Transportation = 2,000

Tea, Snacks = 1,500





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NAAC Cycle 2

Criterion: 6.3.2

(2019-2020)

2) Emerging areas in Manufacturing

About the Institution
Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery, established in the year 2002 and is managed by Marthoma Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating fervor for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology. Further, VJEC is an ISO 9001:2015 certified institution and also accredited by NAAC and NBA. With profound insight into the resource requirements of the higher education system, VJEC has proudly set up world-class infrastructure complemented with intellectual capital in the form of competent faculty. Many of the facilities are way beyond the regulatory requirements aiming for learning beyond the syllabus to address the requirements of the industry. These material facilities along with value addition programs and student support systems are the integral facets of empowerment at VJEC. Digital library, industry supported project labs, language lab, and student chapters of professional bodies such as IEEE, ISCI, IETE, SAE, CSI offer an extensive range of resources, opportunities and services to the outcome based teaching learning process. Effective implementation of quality control processes ensure Engineering graduates with the expected level of knowledge, skill and attitude.

About the Department
The Mechanical Engineering Department was established in the year 2004. The Department offers students the opportunity to pursue an exceptional, high quality education. It has been recognized as Research Centre to have interaction with KTU University, Kerala for collaborative research programmes which leads to Ph.D. degree by research. The Department is one of the largest in terms of faculty, students, & activities and continues to lead and expand its activities in various directions. The Department has a distinguished faculty, dedicated staff and superb student body that effectively work together to fulfill the academic mission. The academic activities are supported by seven well equipped laboratories/research centres.

About the Course
The current FDP emphasis on the developments of manufacturing in the arena. In the current era, manufacturing are the back-bone of the economy of a nation. There is a robust motivation for optimizing the design and manufacturing routes using experiments with high precision equipment's and computational techniques for modeling the processes. Next-generation materials include super-light materials and active materials that react to changes in their environment and ultimately smart materials that explain how they are doing. Advancement in health care, energy, computing and numerous other fields depend on new findings in materials science.

Resource Persons
 eminent faculty from IITs, NITs, Industries, Research Organizations and Domain expert faculties from VJEC.

Objectives
The participants will be able to communicate the modern and progressive inputs about manufacturing for the faculty, scientist and research scholars of the engineering Institution/University/R&D centers.

Registration Fee
No registration fee for participants. E-Certificate will be provided for all registered participants.

REGISTRATION FORM LINK
<https://forms.gle/NTzEoQ16tVmrfx9k8>

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Online One Week Faculty Development Programme
On
"Emerging areas in Manufacturing"
25.05.2020 - 30.05.2020

Convener
Dr. S.Christopher Ezhil Singh, ME, VJEC
For Contact: Whatsapp No: 6374805245
E-Mail ID: christopher0420@vjec.ac.in

Coordinators
Dr.P.Sridharan, ME, VJEC
Mr.Mejo Francis, ME, VJEC
Mr.Ap pu C Kurian, ME, VJEC
Dr.Sreekanth, ME, VJEC

ORGANIZED BY
DEPARTMENT OF MECHANICAL ENGINEERING
VIMAL JYOTHI ENGINEERING COLLEGE
Accredited by NAAC and NBA
Chempери, Kannur, Kerala - 670 632. Website:www.vjec.ac.in

List of Participants

SI No	Participants
1	Aji Augustine
2	Alex George
3	Ammu Jose
4	Anusha Chacko
5	Arjun Jayaprakash
6	Dhanoj M
7	Dilin Dinesh
8	Glan Devadas G





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NAAC Cycle 2

Criterion: 6.3.2

9	Gokulnath R
10	Jerin Saji
11	Jerin Yomas
12	Jinsa Mathew
13	Jestine C Jose
14	Jollykkutty Sebastian
15	Jyothi Joseph
16	Lipina Gopal M
17	Mejo M Fransis
18	Midhun Mukundan M K
19	Niyas K M
20	Raiza Yousef
21	Reshma K V
22	Riya Joy
23	Shaji George
24	Shamya A
25	Shinu M M
26	Siji P
27	Sreekanth M P
28	Soumya John
29	V Sampath Kumar
30	Vineethmol Abraham
31	Dr D Anto Sahaya Dhas
32	Ms Jerrin Yomas





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